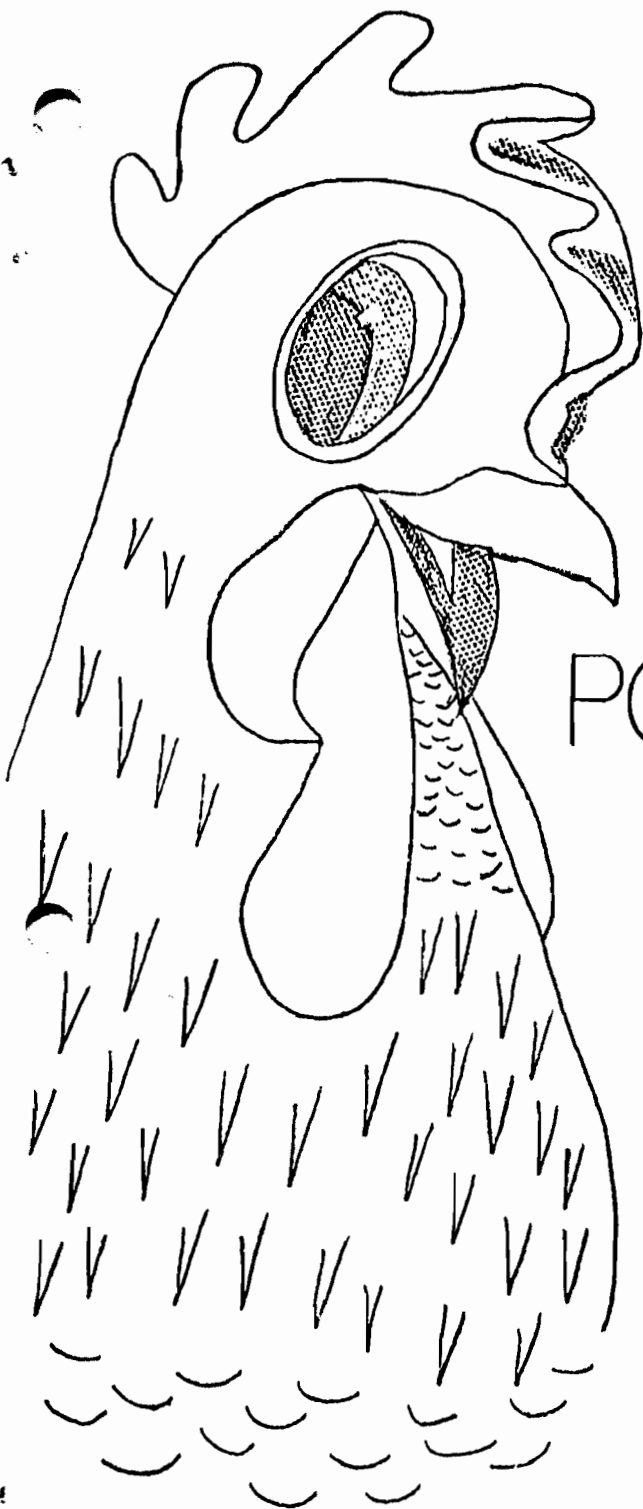


1961

PY-NC-60

12 YEAR
SUMMARY
SONOMA COUNTY



POULTRY SITUATION
AND
COST STUDIES

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1960 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.

COMPARE YOUR RESULTS TO STUDY AVERAGES

Costs per Average Hen

	Sonoma County Averages	Your results
Operation Costs:		
Feed	3.89	_____
Chick purchases	.60	_____
Supplies, taxes, services, misc.	.34	_____
Hired labor	.24	_____

Less Cost Credits:		
Culls and Manure	.21	_____
Stock Inventory Change	.26	_____

Net Operation Costs per Hen	4.60	_____
Overhead costs:		
Depreciation	.28	_____
Interest on Investment, 5%	.21	_____

Total net operation and overhead costs	5.09	_____
Value operator's labor	.78	_____

Net cost of egg production per hen	5.87	_____
Net cost of egg production per dozen sold	30.7¢	_____

Sales and Returns per Average Hen

Dozen eggs sold per hen	19.7	_____
Average price per dozen sold	35.2	_____

Egg returns per hen	6.95	_____
Egg returns over net operations cost	2.35	_____
Egg returns over net operations and overhead costs	1.86	_____

Management income per hen	1.08	_____
Management income per dozen sold	5.4¢	_____
Net or farm income per hen	2.07	_____
Net or farm income per dozen eggs	10.4¢	_____

SONOMA COUNTY AGRICULTURAL COMMISSION FIGURES, PRODUCTION AND VALUE OF POULTRY — 1940 — 1960 comparison

Date	No. of Hens	Eggs Per Hen	Eggs (Dozens)	Average Price	Egg Value	*Meat Birds (pounds)	Average 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	35,045,478
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	31,376,188
1954	3,344,000	160	43,357,000	.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	27,458,051
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	21,565,388
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	21,558,887

* — Meat Bird pounds include hens sold plus fryers and broilers

** — Price of broilers and fryers only

*** — Other poultry value includes: ducks, chicks, turkeys, turkey poults

TOTAL PRODUCTION IN CALIFORNIA AND SONOMA COUNTY -- 1940 -1960

Date	Total Eggs Produced in California	Total Eggs Produced in Sonoma County	% of Cal. Eggs Prod. in Sonoma County	Population in California	Eggs per person Prod. in Cal.	App. Avg. Consumption per Person in U. S.	Avg. No. Eggs Per Person not Prod. in Cal.	% U. S. Layers Prod. in California
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	4.8
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

* First year we have had a surplus

THE 100 LEADING COUNTIES IN NUMBER OF CHICKEN EGGS SOLD, AND NUMBER SOLD, 1959

<u>RANK</u>	<u>COUNTY</u>	<u>STATE</u>	<u>NUMBER OF EGGS SOLD (THOUSAND DOZENS)</u>	<u>RANK</u>	<u>COUNTY</u>	<u>STATE</u>	<u>NUMBER OF EGGS SOLD (THOUSAND DOZENS)</u>
1.	San Bernardino	Calif.	53,593	51.	Clackamas	Ore.	6,649
2.	Lancaster	Penn.	43,658	52.	Pierce	Wash.	6,610
3.	San Diego	Calif.	39,962	53.	Gloucester	N. J.	6,503
4.	Sonoma	Calif.	38,358	54.	Redwood	Minn.	6,429
5.	Orange	Calif.	38,180	55.	Freeborn	Minn.	6,424
6.	Los Angeles	Calif.	30,438	56.	Renville	Minn.	6,297
7.	Monmouth	N. J.	30,283	57.	Schuylkill	Penn.	6,295
8.	Cumberland	N. J.	26,118	58.	Lebanon	Penn.	6,283
9.	Ocean	N. J.	24,878	59.	Dane	Wis.	6,216
10.	Stanislaus	Calif.	23,573	60.	Hancock	Iowa	6,183
11.	Riverside	Calif.	23,404	61.	Lewis	Wash.	6,108
12.	Atlantic	N. J.	17,312	62.	Somerset	N. J.	6,100
13.	Hunterdon	N. J.	14,724	63.	Knox	Me.	5,982
14.	York	Penn.	14,719	64.	Brown	Minn.	5,960
15.	Sullivan	N. Y.	13,456	65.	Faribault	Minn.	5,955
16.	Tulare	Calif.	13,394	66.	Nacogdoches	Texas	5,954
17.	Kosciusko	Ind.	12,547	67.	Salem	N. J.	5,946
18.	Santa Clara	Calif.	12,501	68.	Columbia	Penn.	5,941
19.	Rockingham	Va.	11,457	69.	Otter Tail	Minn.	5,921
20.	Whatcom	Wash.	10,508	70.	Ottawa	Mich.	5,855
21.	San Joaquin	Calif.	10,497	71.	Dubois	Ind.	5,823
22.	Allegan	Mich.	10,334	72.	Butler	Iowa	5,811
23.	Rankin	Miss.	9,948	73.	Nobles	Minn.	5,757
24.	Windham	Conn.	9,320	74.	Middlesex	N. J.	5,740
25.	Simpson	Miss.	8,586	75.	Wayne	Ohio	5,715
26.	Kossuth	Iowa	8,161	76.	Cullman	Ala.	5,678
27.	Northumberland	Penn.	8,128	77.	Steele	Minn.	5,633
28.	Sacramento	Calif.	8,085	78.	Mercer	Ohio	5,632
29.	Ventura	Calif.	8,067	79.	Putnam	Ohio	5,627
30.	Hillsborough	N. H.	8,063	80.	New Haven	Conn.	5,598
31.	Fresno	Calif.	8,008	81.	Blount	Ala.	5,544
32.	New London	Conn.	7,930	82.	McLeod	Minn.	5,524
33.	Ulster	N. Y.	7,899	83.	Bristol	Mass.	5,522
34.	Bucks	Penn.	7,889	84.	Merced	Calif.	5,509
35.	Berks	Penn.	7,809	85.	Franklin	Iowa	5,449
36.	Worcester	Mass.	7,769	86.	Fulton	Ohio	5,372
37.	Darke	Ohio	7,669	87.	Sussex	Del.	5,266
38.	Stearns	Minn.	7,627	88.	Pasco	Fla.	5,249
39.	Sioux	Iowa	7,263	89.	Jackson	Minn.	5,244
40.	Kennebec	Me.	7,253	90.	Blue Earth	Minn.	5,240
41.	Hillsborough	Fla.	7,075	91.	Bremer	Iowa	5,205
42.	Sibley	Minn.	6,967	92.	Adams	Penn.	5,171
43.	Salt Lake	Utah	6,967	93.	Delaware	Iowa	5,160
44.	Livingston	Ill.	6,959	94.	Wabash	Ind.	5,159
45.	Middlesex	Mass.	6,901	95.	Mower	Minn.	5,145
46.	Hartford	Conn.	6,880	96.	Cleveland	N. C.	5,139
47.	Hall	Ga.	6,865	97.	Lyon	Iowa	5,088
48.	King	Wash.	6,820	98.	Cumberland	Me.	5,079
49.	Montgomery	Penn.	6,782	99.	Dodge	Wis.	5,034
50.	Waldo	Me.	6,704	100.	Alameda	Calif.	5,008

Source: 1959 Census of Agriculture

We are indebted to the Watt Publishing Company for compiling this information.

COMPARE YOUR RESULTS

WITH STUDY AVERAGES

	Sonoma County Average	Your results
Feed includes replacement:		
Pounds per hen	124	_____
Cost per hundred pounds	\$ 3.21	_____
Pounds per dozen eggs sold	6.3	_____
Cost per dozen eggs sold	19.7¢	_____

Labor: Hired and Operator's		
Hours per hen	0.7	_____
Cost per hen	\$ 1.02	_____
Cost per dozen eggs sold	5.1¢	_____

Per cent of average flock:		
Died	15	_____
Culled	60	_____
Total added	95	_____
Increase in flock	18	_____

Eggs per hen sold	237	_____
Per cent large eggs sold	66	_____
Cost per chick	35.2¢	_____
Cull income per each	34.2¢	_____
Per cent chick loss of purchased	6.0	_____
Average number of birds per flock	4,588	_____

Factors Contributing to Efficient Egg Production

- I. Maintain 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. Start replacements three or four times a year
 - 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

HOW WE COMPARE WITH OTHER YEARS

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Number of Records	21	24	23	17	24	27	24	24	20	18	18	13
Ave. Number Hens per Flock	1619	1734	1716	1784	1920	2293	2759	2856	3140	2989	3986	4588
Eggs Laid per Hen	197	210	209	228	218	228	231	232	236	243	243	232
<u>HENS: % Mortality</u>	22	16	14	11	15	13	11	12	11	11	12	15
% Culled	92	82	104	118	97	96	87	101	84	81	65	60
% Added	130	99	121	138	131	129	125	115	108	100	103	95
% Increase or Decrease	16	1	3	9	19	20	27	2	13	8	26	18
Ave Price Mash & Grain (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
Lbs mash & grain per hen	141	128	138	146	144	135	135	127	126	123	122	124
Per Cent Mash	64	62	55	57	53	56	49	55	59	61	70	71
Hours Labor per Hen	1.8	1.4	1.5	1.2	1.2	1.2	1.0	1.0	1.1	.9	.8	.7
Ave Price per Dozen 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
Net Cost per Dozen	45.1	37.8	42.3	42.3	42.3	38.3	33.3	33.8	32.5	31.4	28.6	30.7
Mgt. Income Per Dozen	4.4	4.1	12.6	6.3	12.7	2.4	9.5	6.3	4.2	7.0	2.1	5.4
<u>INCOME PER HEN: Egg Sales</u>	8.19	7.36	9.74	9.47	10.37	8.05	8.59	8.11	7.58	8.01	6.49	6.95
Poultry Sales	.67	.73	1.32	1.01	.95	.57	.56	.56	.40	.42	.26	.21
Misc Income	.22	.22	.30	.05	.03	.04	.02	.02	.02	.01	---	---
Inv. Change	.26	---	-.12	.28	.57	.43	.60	.07	.10	.07	.54	.26
TOTAL INCOME	9.34	8.31	11.24	10.81	11.92	9.09	9.77	8.76	8.10	8.51	7.29	7.42
<u>CASH & DEPREC. COSTS: Feed</u>	5.68	4.78	5.66	6.51	6.03	5.15	4.91	4.60	4.46	4.32	4.25	3.89
Stock Bought	---	.53	.74	.78	.66	.60	.53	.48	.45	.51	.81	.60
Misc. Costs	.68	.45	.53	.48	.57	.62	.47	.49	.46	.42	.32	.34
Deprec.	.23	.21	.30	.32	.26	.27	.25	.26	.27	.27	.30	.28
Hired Labor	.25	.26	.38	.15	.17	.24	.22	.24	.27	.30	.19	.24
<u>TOTAL CASH & DEPREC. 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
<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
Family Labor	1.51	1.12	1.11	1.06	1.55	1.45	1.20	1.16	1.10	1.02	.96	.78
Interest on Investment-	.26	.24	.29	.28	.28	.29	.28	.27	.23	.22	.19	.21
<u>MANAGEMENT INCOME</u>	.73	.72	2.23	1.23	2.40	.47	1.90	1.26	.86	1.45	.27	1.08

The above study averages for Sonoma County for the last 12 years represent a small sample from a large poultry industry and should not be considered applicable to the entire poultry business in this county. The 1960 study shows a decided increase in number of birds per ranch and the trend toward increasing flock size is continuing. Egg prices are the second lowest and profit per hen is also the second lowest since this study was started in 1949. Poultrymen received 4.5 cents more per dozen than in 1959. In addition, we had the lowest cull price in 1960 - 34.2, causing the low figure of 21 cents per hen for poultry sales. The over-all costs were lower than previous years, due mainly to the lowest replacements and feed costs over the twelve year period. Normally the cost of producing eggs this year should have been the lowest yet; however, a large per cent of old hens were held over due to higher egg prices at the end of 1960.