

1955 EGG

CONFIDENTIAL

STUDY

University of California
Agricultural Extension Service
Los Angeles County

March 14, 1956

Dear Cooperators:

On the following pages you will find the report of the egg management study for 1955. This study was conducted by the University of California Agricultural Extension Service in cooperation with the poultry industry of Los Angeles County.

This report cannot be considered representative of the industry as a whole, but rather it is a random sample. The number of cooperators has increased for 1956.

The purpose of the study is to provide participating poultrymen with a detailed analysis of their operation. It also helps other poultrymen of the county to improve efficiency by comparing their records with other producers.

Sincerely yours,

E. E. Shephard

E. E. Shephard
Farm Advisor

POULTRY EGG EFFICIENCY STUDY - 1955 REPORT

Compiled by
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Definition of Terms Used

Costs and Income - are based on totals for the year divided by the average number of birds over five months of age.

Interest - is based on average investment at 5 percent.

Management Income - is all income minus all costs.

Farm Income - is the same as above, except family labor and interest on investment are not deducted.

Weighted Average - is a bird average. The ranch size compensates for the influence the number of birds has on the total income.

Example: $\frac{\$9,000 \text{ (total income from all growers)}}{12,000 \text{ (total number of birds in study)}} = \$.75 \text{ income per bird}$

THE LAST SIX YEARS OF MANAGEMENT FOR LOS ANGELES COUNTY

	1950	1951	1952	1953	1954	1955
Flock statistics						
Number of records	20	18	14	17	12	10
Av. no. hens per flock	1448	1395	1700	1920	2077	2216
No. eggs laid per hen	229	227	222	227	235	244
% pullets	81	75	80	81		
% mortality and lost	13	13	10	10	10	11
% culled	89	105	90	85	96	98
% eggs laid in fall	33	37	36	36	35	34
Physical inputs per hen						
Pounds of feed						
Mash	142	152	127	122	123	128
Grain	10	15	12	12	8	7
Total	<u>152</u>	<u>167</u>	<u>139</u>	<u>134</u>	<u>131</u>	<u>135</u>
% of feed mash	94	91	91	91	94	95
Hrs. of labor per hen	1.9	1.8	1.2	1.3	1.5	1.4
% of labor operator performed	81	72	79	80	80	79
Av. cost all feed per cwt.	\$3.90	\$4.25	\$4.56	\$4.22	\$4.08	\$3.72
Av. cost mash per cwt.	3.95	4.30	4.61	4.26	4.13	3.75
Av. cost grain per cwt.	3.24	3.72	4.11	3.81	3.35	3.09
Feed-egg ratio	10.2	13.0	10.2	12.6	9.8	11.4
Av. price of cull hens	\$.88	\$1.01	\$.71	\$.80	\$.65	\$.74
Av. price per doz. eggs	40.8¢	55.3¢	47.0¢	54.2¢	39.9¢	42.4¢
Net cost per dozen	<u>39.1</u>	<u>38.3</u>	<u>41.7</u>	<u>40.1</u>	<u>39.8</u>	<u>35.2</u>
Mgt. income per dozen	1.7	17.0	5.3	14.1	.1	7.2

Egg feed ratio

$$\frac{\text{Av. price/doz eggs } 42.4¢}{\text{Av. cost of feed/lb. } 3.72¢} = 11.4 \text{ lbs. of feed equals the cost of 1 doz. eggs.}$$

INCOME AND EXPENSE PER HEN - LOS ANGELES COUNTY - 1955

Ranch No.	Income per Hen					Cash and Depreciation Cost per Hen						Farm Income	Non-Cash Costs		Management Income
	Egg Sales	Poul. Sales	Manure & Sack Sales	Change in Stock Inventory	Total	Total Feed Costs	Chicks Bought	Misc. Costs	Depreciation	Hired Labor	Total Costs		Family Labor	Interest on Invest.	
1 C	\$8.74	\$.95	\$.20	\$.07	\$9.96	\$4.79	\$.59	\$.42	\$.19	\$.33	\$6.32	\$3.64	\$.47	\$.23	\$ 2.94
5 B	8.71	.43	.03	.33	9.50	5.23	.57	.33	.25	--	6.38	3.12	.78	.29	2.05
263 C	8.94	.78	.03	.01	9.76	5.11	.64	.58	.27	.53	7.13	2.63	.66	.27	1.70
251 B	8.68	.31	.01	.29	9.29	4.95	.44	.50	.29	.23	6.41	2.88	1.07	.26	1.55
167 B	8.02	.84	.01	.55	9.42	5.30	.62	.24	.14	--	6.30	3.12	1.46	.21	1.45
2 C	8.74	.85	.11	.16	9.86	4.57	.42	.98	.35	.77	7.09	2.77	1.45	.39	.93
276 A	7.67	.36	--	.23	8.26	4.02	.49	.47	.33	--	5.31	2.95	1.80	.34	.81
12 B	8.35	.27	.08	.36	9.06	5.18	.30	.55	.25	--	6.28	2.78	1.74	.26	.78
177 A	7.39	.40	.09	.80	8.68	5.41	.94	.51	.33	--	7.19	1.49	1.71	.36	-.58
11 A	7.87	1.70	--	-.05	9.52	6.83	.68	.44	.58	--	8.53	.99	2.79	.52	-2.32
Av. all	8.52	.74	.08	.21	9.55	5.04	.56	.52	.27	.30	6.69	2.86	1.12	.29	1.45

Number code: A = less than 1000 layers
 B = 1000-3000 layers
 C = 3000-5000 layers

MANAGEMENT COMPARISONS I

Ranch No.	Laying Flock			Price Per Culled Hen	Price Per Chick Bought	% Sexed Pullets	% Chicks Died	Pounds feed per Hen			% Mash	Price per Cwt.		
	% Died	% Culled	% Added					Est. for Hens	Est. Young Stock	Total Per Hen		Mash	Grain	Average
1 C	4	118	127	\$.78	44.0¢	100	6	105	32	137	100	\$3.51	—	\$3.51
5 B	36	98	156	.44	35.7	100	10	94	39	133	100	3.92	—	3.92
263 C	11	92	108	.83	43.9	100	11	116	27	143	100	3.58	—	3.58
251 B	8	78	92	.40	35.1	100	22	110	23	133	100	3.71	—	3.71
167 B	13	105	127	.57	25.5 *	66	15	110	32	142	69	3.96	\$2.87	3.62
2 C	11	87	107	.98	36.5	100	7	95	27	122	100	3.75	—	3.75
276 A	9	71	76	.45	34.4	100	25	96	19	115	98	3.49	3.06	3.49
12 B	15	64	112	.43	39.4	100	4	102	28	130	100	3.97	—	3.97
177 A	22	84	137	.48	34.3	100	38	89	34	123	74	4.56	3.75	4.35
11 A	11	167	104	1.01	35.3	100	6	130	25	155	100	4.40	—	4.40
Av. all	11	98	115	.72	36.9	94	13	106	29	135	95	3.75	3.09	3.72

* 34.1% home hatched

MANAGEMENT COMPARISONS II

Ranch No.	No. Eggs Per Hen	Percent Sold		Percent of Wholesale Eggs			Average Wholesale Price			Value per Dozen		
		Whole-sale	Retail	Large	Medium	Small	Large	Medium	Small Pee-wee	Average Price	Cost	Mgmt. Income
1 C	251	96	4	63	26	11	44.5¢	38.7¢	28.3¢	41.7¢	27.7¢	14.0¢
5 B	244	72	28	60	30	10	44.3	37.6	26.7	44.0	33.6	10.4
263 C	260	98	2	68	26	6	44.3	39.4	28.1	41.2	33.3	7.9
251 B	251	94	6	63	30	7	44.3	36.6	26.2	42.2	34.7	7.5
167 B	227	91	9	66	27	7	43.2	37.8	28.3	42.8	35.0	7.8
2 C	238	74	26	65	28	7	45.3	37.6	26.1	44.0	39.3	4.7
276 A	223	89	11	60	33	7	42.5	36.6	26.6	41.0	36.7	4.3
12 B	246	100	—	61	33	6	44.5	36.8	25.5	40.9	37.1	3.8
177 A	229	94	6	66	30	4	44.3	37.3	28.0	43.4	46.8	- 3.4
11 A	224	93	7	69	19	12	42.8	38.9	26.8	42.0	54.3	-12.3
Av. all	244	91	9	65	27	8	*44.0	*37.7	*27.1	42.4	35.2	7.2

* Simple averages

INPUTS AND COSTS TO RAISE PULLETS TO FIVE MONTHS OF AGE LOS ANGELES COUNTY - 1955

Ranch No.	No. Pullets Raised	% Died	% Culled	Lbs. Feed Per Pullet	% Mash	Cost cwt. Feed	Hrs. Labor Per Pullet	Price Per Chick	COST PER PULLET						Income Per Pullet	Inv. Credit	Net Cost Per Pullet
									Feed	Chick	Labor	Fuel	Misc.	Total			
11	1,059	6	1	23	100	\$ 4.83	.3	¢ 35.3	\$ 1.10	\$.65	\$.27	\$.01	\$ --	\$ 2.03	\$.01	\$ 1.21	\$.81
167	3,104	14	19	33	69	3.62	.1	25.5	1.17	.48	.12	.02	.07	1.86	.18	.33	1.35
12	1,531	4	--	15	100	4.49	.1	39.4	.69	.27	.10	.05	.05	1.16	.02	-.24	1.38
276	643	24	2	26	93	4.21	.2	34.4	1.11	.64	.16	.03	.10	2.04	.05	.54	1.45
5	2,109	9	--	22	100	3.69	.2	35.7	.79	.36	.24	.01	.01	1.41	--	-.07	1.48
251	2,030	15	--	24	100	4.48	.1	35.1	1.09	.49	.15	.01	.05	1.79	.01	.21	1.57
2	3,185	7	--	22	100	4.24	.3	36.5	.94	.39	.30	.04	.01	1.68	--	-.02	1.70
1	5,768	5	4	35	100	3.62	.1	44.0	1.28	.48	.06	.01	.03	1.86	.03	-.02	1.85
263	4,566	10	1	20	100	4.03	.5	43.9	.79	.59	.56	.02	.05	2.01	.01	-.06	2.06
177	1,479	35	--	32	84	4.70	.5	34.3	1.51	.68	.50	.01	.11	2.81	.01	.31	2.49
Average per Bird	2,548	11	4	26	94	3.97	.2	36.9	1.05	.49	.25	.02	.04	1.85	.04	.10	1.71

Compare your operation with this hypothetical poultryman. This is what you could have made last year!

The columns below show the highest income and the lowest cost figures taken from the study on the preceding pages.

Income per Hen					Cash Costs per Hen						Farm Income	Non-cash Costs per Hen		Management Income
Egg Sales	Poultry Sales	Manure & Sack Sales	Change in Stock Inventory	TOTAL	Total Feed Costs	Chicks Bought	Misc. Costs	Depre- ciation	Hired Labor	TOTAL		Family Labor	Int. on Invest.	
\$ 8.94	* \$.74	\$.20	* \$.21	\$ 10.09	\$ 4.02	* \$.56	\$.33	\$.13	* \$.30	\$ 5.34	\$ 4.75	\$.47	* \$.29	\$ 3.99

* Averages were taken for these columns because neither the high nor low figures apply!