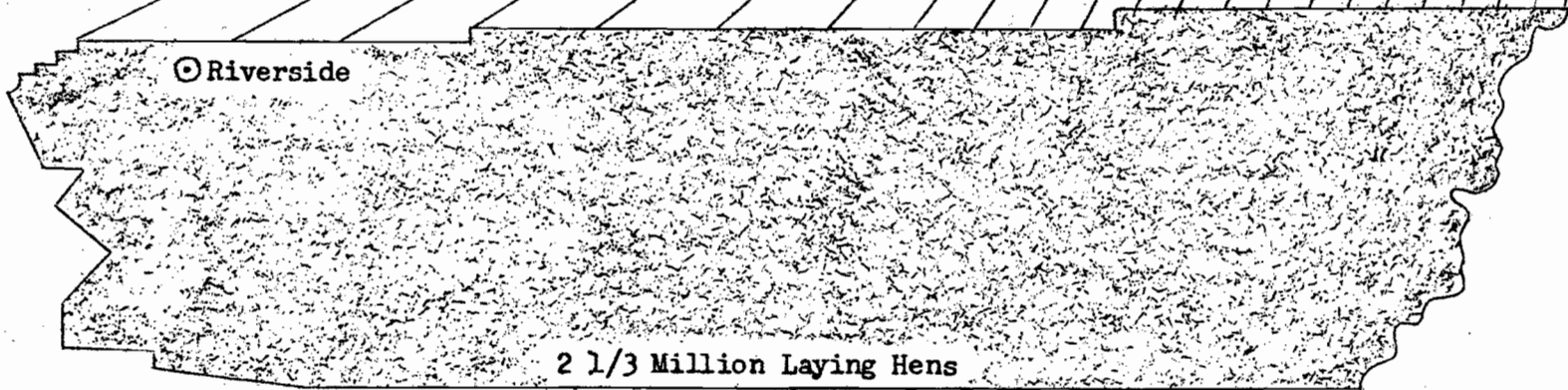
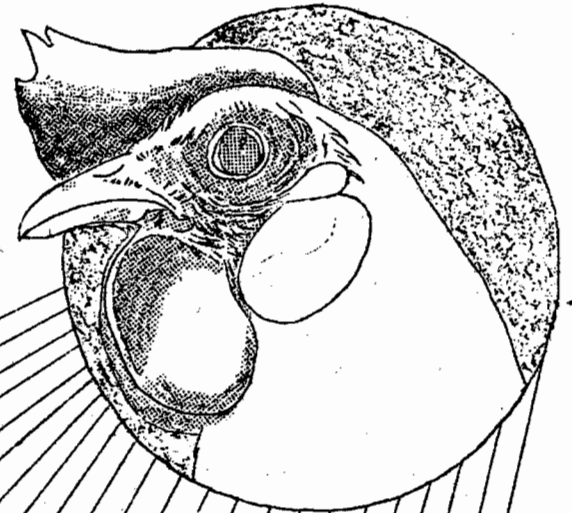


Poultry Management Cost Study 1952

Poultry
Riverside County



2 1/3 Million Laying Hens

University of California
Agricultural Extension Service
Riverside County

RIVERSIDE POULTRY MANAGEMENT STUDY

1952

This is the 14th Annual Poultry Management Cost Study completed in Riverside County. The study started March 1, 1952 and closed February 29, 1953. The 22 cooperators completing this study showed an average management income of 76¢ per bird.

The year covered by these records was not a high-profit period for poultrymen compared to some of the preceding years. However, some general statements can be made which summarize the results of this study.

1. A flock with a sufficient number of laying hens managed efficiently can provide a good living for the poultryman.
2. Expenses are more important than income in determining which ranch makes the most profit.
3. Larger flocks are usually more efficiently managed than the smaller flocks.
4. Feed consumption is too high for most of the flocks.
5. Too much labor is required on some ranches.

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TABLE I - INCOME AND EXPENSE PER HEN

Serial No.	Income					Cash and Depreciation Costs						Non-Cash Costs			
	Eggs Sales	Poultry Sales	Manure & Sacks	Change Stock Inv.	Total Income	Feed	Hired Labor	Chicks	Misc.	Depreciation	Total	Farm Income	Family Labor	Interest	Management Income
52	9.72	1.87	.38	.35	12.32	6.73	—	.33	.19	.15	7.40	4.92	1.39	.23	3.30
69	10.79	.86	.30	.40	12.35	6.52	.89	.80	.51	.33	9.05	3.30	.50	.22	2.58
65	9.83	.77	.07	-.02	10.65	6.28	.04	.47	.43	.14	7.36	3.29	1.09	.19	2.01
53	8.94	1.06	.06	.54	10.60	7.06	.19	.40	.18	.30	8.13	2.47	.63	.21	1.63
41	8.37	.75	.11	.05	9.28	5.39	—	.41	.24	.11	6.15	3.13	1.39	.18	1.56
63	9.00	.67	.16	.14	9.97	5.52	1.10	.42	.41	.21	7.66	2.31	.92	.20	1.19
48	8.67	.55	.11	-.31	9.02	5.88	.07	.30	.69	.17	7.11	1.91	.99	.16	.76
42	8.15	.63	.05	.40	9.23	5.58	.23	.74	.31	.29	7.15	2.08	1.22	.22	.64
47	8.70	.38	.02	.11	9.21	6.83	.21	.17	.44	.27	7.92	1.29	.62	.21	.46
61	9.05	.60	.03	.55	10.23	6.40	—	.69	.25	.39	7.73	2.50	1.86	.22	.42
50	8.15	.51	.07	-.25	8.48	4.76	.30	.42	.47	.14	6.09	2.39	1.86	.16	.37
54	8.78	.92	.13	.47	10.30	7.33	—	.76	.32	.37	8.78	1.52	.97	.27	.28
56	9.99	1.76	.14	.32	12.21	8.47	.22	1.06	.29	.14	10.18	2.03	1.87	.21	-.05
70	8.84	.59	.22	1.18	10.83	6.40	—	.55	.58	.24	7.77	3.06	3.39	.30	-.63
49	9.86	.73	.05	.39	11.03	7.23	.09	.68	.55	.28	8.83	2.20	2.80	.21	-.81
44	8.43	1.53	.11	.23	10.30	6.97	—	.84	.71	.25	8.77	1.53	2.11	.28	-.86
60	8.81	2.57	.04	1.90	13.32	9.22	.09	1.24	.47	.65	11.67	1.65	2.03	.56	-.94
67	8.77	.56	.07	.15	9.55	6.33	.10	.43	1.02	.25	8.13	1.42	2.10	.26	-.94
72	8.15	.44	.07	.05	8.71	5.56	.04	.42	.62	.54	7.18	1.53	2.29	.27	-1.03
43	8.05	1.13	.26	-.14	9.30	6.72	.18	1.02	.51	.14	8.57	.73	1.56	.26	-1.09
66	6.40	.14	.17	-.16	6.55	5.45	—	.19	.19	.17	6.00	.55	2.85	.18	-2.48
59	8.62	.48	.20	1.19	10.49	7.94	.02	.82	.54	.13	9.45	1.04	3.69	.19	-2.84
Hi. 11	9.15	.73	.12	.16	10.16	6.23	.28	.44	.39	.24	7.58	2.58	.98	.20	1.40
Lo. 11	8.78	1.11	.12	.58	10.59	7.29	.07	.79	.53	.30	8.98	1.61	2.20	.28	-.87
Avg.	9.05	.84	.12	.28	10.29	6.53	.23	.54	.44	.25	7.99	2.30	1.32	.22	.76

Farm Income is Total Income minus Cash and Depreciation Costs.

Management Income is Farm Income minus Family Labor and Interest.

TABLE 2 - FLOCK STATISTICS AND PRODUCTION FACTORS

Serial No.	Laying Flock				Price per cul. hen	Hours Labor per hen	Return per hour family labor	Pounds Feed per Hen			Cost per Cwt.				% Mortality Chicks
	Avg. No. Hens	% Died	% Culled	% Added				Total	Estimated for Pullets	Estimated for Hens	% Mash	Mash	Grain	Av.	
52	1262	2	89	101	1.18	1.1	4.23	152	25	127	72	4.81	3.30	4.40	18
69	5096	10	85	140	.98	1.3	7.67	142	35	107	96	4.51	3.83	4.48	11
65	4578	9	101	101	.73	.9	3.55	131	25	106	100	4.76	—	4.76	2
53	4172	7	133	148	.76	.7	4.50	159	37	122	100	4.33	—	4.33	3
41	3291	8	80	83	.91	1.1	2.66	127	20	107	58	4.72	3.48	4.20	7
63	1506	7	85	101	.77	1.8	2.85	113	25	88	64	5.00	4.43	4.80	3
48	2528	12	79	106	.69	.8	2.21	132	26	106	100	4.43	—	4.43	5
42	1535	29	96	119	.64	1.3	1.91	125	30	95	59	4.82	3.82	4.41	1
47	6064	19	52	97	.73	.6	2.18	143	24	119	70	4.96	4.08	4.70	3
61	1290	9	75	123	.80	1.5	1.53	134	31	103	99	4.74	4.20	4.74	3
50	2686	11	83	99	.60	1.8	1.50	111	25	86	69	4.64	3.67	4.26	29
54	2001	7	152	168	.71	.8	1.60	163	47	121	100	4.43	—	4.43	20
56	1542	5	172	183	.99	1.7	1.22	188	46	142	100	4.50	—	4.50	16
70	923	14	82	175	.67	2.7	1.02	135	44	91	79	4.90	3.94	4.70	—
49	1030	11	95	126	.76	2.4	.89	166	32	134	100	4.36	—	4.36	15
44	1484	5	148	132	1.03	1.7	.74	153	33	120	100	4.54	—	4.54	13
60	1518	10	94	190	.70	1.7	.67	189	48	141	98	4.82	4.68	4.82	13
67	1285	37	80	160	.58	1.8	.69	138	40	98	94	4.44	3.93	4.40	—
72	984	18	54	65	.79	1.9	.69	119	16	103	100	4.65	—	4.65	21
43	960	14	174	188	.51	1.5	.38	140	47	93	86	4.77	4.00	4.66	7
66	439	30	20	110	.61	2.3	.16	117	28	89	92	4.66	4.35	4.64	8
59	1312	12	75	129	.64	3.0	.29	159	32	127	83	5.01	4.34	4.92	6
Hi. 11	3092	12	87	112	.79	1.1	3.03	136	28	108	84	4.64	3.82	4.51	7
Lo. 11	1225	13	114	153	.77	1.8	.75	157	38	119	95	4.61	4.04	4.59	12
Avg.	2158	12	94	124	.79	1.3	1.96	142	31	111	87	4.63	3.85	4.53	9

Pounds of Feed per Hen

Total - total pounds mash and grain divided by average number hens.

Estimated for pullets - based on 25 pounds feed per pullet raised. This is the pullets raised per average hen.

Estimated for hens - total minus the Estimated for pullets.

TABLE 3 - EGG PRODUCTION AND SALES

Serial No.	Eggs per Hen	Percent of Market Eggs Sold			% Fall Eggs	% Production During Fall	% Fall Hens of Avg.	% Pullets	% Added July -Oct.	Value per Dozen		
		Large	Medium	Small						Avg. Price	Net Cost	Mgt. Income
52	233	75	19	6	30	59	97	75	17	50.6	33.4	17.2
69	260	67	27	6	35	69	108	100	31	50.0	38.0	12.0
65	238	77	18	5	37	65	112	83	76	48.5	38.6	9.9
53	246	55	33	12	36	68	105	100	30	45.4	37.1	8.3
41	201	67	23	10	36	54	111	70	100	47.6	38.7	8.9
63	230	61	29	10	42	61	131	100	100	46.6	40.5	6.1
48	216	64	26	10	35	54	114	89	44	46.3	42.2	4.1
42	222	45	35	20	42	61	126	76	70	43.3	39.9	3.4
47	194	66	26	8	37	48	123	67	85	55.5	52.6	2.9
61	228	75	21	4	32	60	101	84	10	48.0	45.7	2.3
50	215	59	30	11	33	52	111	76	36	43.6	41.6	2.0
54	238	60	30	10	34	64	104	100	32	45.8	44.4	1.4
56	260	72	21	7	34	73	99	90	34	46.2	46.4	-.2
70	235	50	34	16	33	67	96	78	44	45.4	48.6	-3.2
49	243	63	23	14	36	64	113	85	47	48.5	52.5	-4.0
44	240	63	25	12	38	66	115	84	65	45.2	49.8	-4.6
60	218	65	28	7	43	59	129	94	72	50.0	55.3	-5.3
67	239	51	35	14	31	66	94	91	33	44.4	49.1	-4.7
72	206	79	17	4	35	54	109	63	47	49.0	55.2	-6.2
43	207	67	28	5	35	48	123	100	64	47.0	53.3	-6.3
66	166	67	24	9	24	26	123	88	48	42.8	59.4	-16.6
59	227	65	27	8	34	58	109	88	55	44.9	59.7	-14.8
Hi. 11	226	65	26	9	36	59	113	83	54	48.5	41.1	7.4
Lo. 11	231	63	27	10	35	61	109	88	49	46.4	51.0	-4.6
Avg.	227	65	26	9	36	60	112	85	52	47.9	43.9	4.0

TABLE 4 - SUMMARY OF RIVERSIDE POULTRY STUDY SINCE 1948
AND COMPARISONS WITH OTHER COUNTIES FOR 1952

	Riverside County						Other Counties for 1952			
	1947	1948	1949	1950	1951	1952	Sacramento	San Bernardino	San Diego	Alameda
Number Records	5	11	11	25	19	22	22	29	30	19
Average Number Hens	1580	1580	1374	1237	1624	2158	6246	2449	3034	2626
Eggs per Hen	190	193	209	217	218	227	184	207	231	206
Percent Mortality	18	15	15	15	12	12	14	15	14	18
Percent Culled	86	83	77	97	87	94	81	98	82	62
Hours Labor per Hen	1.7	1.9	1.7	1.7	1.6	1.3	1.2	1.3	1.2	1.1
Pounds Feed per Hen	120	141	135	142	147	142	117	143	126	129
Percent Mash	72	71	74	82	82	87	51	88	99	64
Cost Feed per Cwt.	4.89	4.76	4.22	4.04	4.29	4.53	4.08	4.52	4.53	4.38
Average Price Eggs	56.4	56.7	47.0	44.4	53.4	47.9	47.3	46.5	46.0	50.1
Net Cost per Dozen	48.3	48.6	42.1	41.5	44.0	43.9	43.5	45.5	40.8	44.6
Mgt. Income per Dozen	8.1	8.1	4.9	2.9	9.4	4.0	3.8	1.0	5.2	5.5
Income per Hen										
Egg Sales	8.70	9.10	8.16	8.01	9.82	9.05	7.44	8.25	8.74	8.64
Poultry Sales	.87	1.71	.90	1.05	.95	.84	.57	.76	.51	.47
Misc. Income	.56	.27	.20	.23	.21	.12	.10	.12	.07	.05
Change Stock Inv.	.16	.64	.49	.39	.81	.28	.05	.32	.37	.42
Total	10.29	11.72	9.75	9.68	11.79	10.29	8.16	9.45	9.69	9.58
Cash & Depr. Cost per Hen										
Feed	5.93	6.76	5.81	5.78	6.40	6.53	4.81	6.51	5.71	5.71
Hired Labor	.42	.17	.13	.10	.19	.23	.72	.32	.47	.13
Chick	.48	.73	.65	.63	.79	.54	.47	.55	.51	.45
Misc.	.57	.44	.46	.47	.52	.44	.75	.40	.35	.45
Depreciation	.12	.26	.25	.28	.21	.25	.30	.24	.38	.26
Total	7.52	8.36	7.40	7.26	8.11	7.99	7.05	8.02	7.42	7.00
Farm Income per Hen	2.77	3.36	2.45	2.42	3.68	2.30	1.11	1.43	2.27	2.58
Family Labor	1.30	1.73	1.36	1.60	1.67	1.32	.23	1.01	1.04	1.39
Interest	.23	.33	.25	.29	.27	.22	.29	.23	.24	.24
Management Income	1.24	1.30	.84	.53	1.74	.76	.59	.19	.99	.95