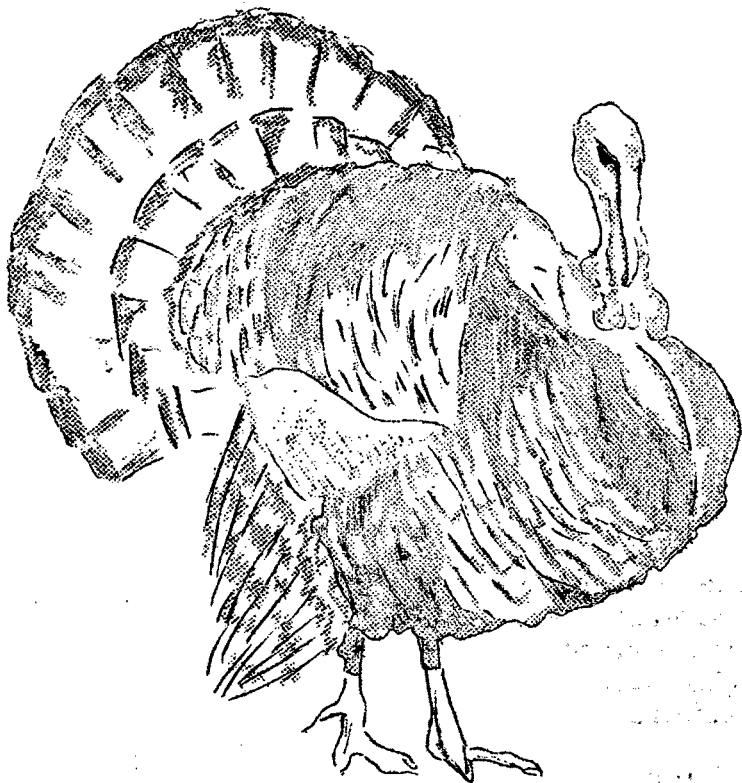


TURKEY MEAT PRODUCTION COST STUDY

1962



UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXTENSION SERVICE
RIVERSIDE COUNTY

INTRODUCTION

This Turkey Meat Production Cost Study was conducted by the Agricultural Extension Service of the University of California in cooperation with two Riverside County turkey growers. Although the study only includes two turkey flocks, the records cover the cost of producing and marketing over 50,000 saleable turkeys. Records in this study do not necessarily represent flock averages for the county.

The purpose of a study of this kind is to develop information pertaining to the most profitable management practices as well as to encourage turkey growers to keep accurate cost and production records.

Records in the following tables are listed in order of decreasing management income per bird and per pound of meat sold.

DEFINITION AND EXPLANATION OF TERMS

Income is shown on a per bird and per pound basis for both hens and toms.

Net Farm Income is the total income minus cash and depreciation costs per bird or per pound. It does not include the value of the operator and family labor and interest on investment or miscellaneous expenses.

Total Costs include cash and depreciation costs plus family labor and interest on investment.

Management Income is the amount by which the total income exceeds the total expense including the value of the operator and family labor and interest on the investment.

Per Cent Livability is the number of birds sold, divided by the number of poults delivered, divided by 100. It accounts for loss due to mortality or theft.

Miscellaneous Costs includes turkey promotion assessment of two cents per bird and all other cash items not specifically listed on the charts.

Depreciation covers buildings and equipment used by birds entered in this study.

Interest on Investment is figured at six per cent of the current value of land, buildings and equipment used for turkey production.

TABLE I
INCOME AND EXPENSE PER BIRD SOLD

		INCOME			CASH AND DEPRECIATION COSTS						NON-CASH COSTS				
Ranch No.	Flock Size	Hen	Tom	Average Income	Feed	Poults	Depre- cia- tion			Total	Net Farm Income	Family Int. on Labor Invest.		Total Cost	Management Income
							Labor	Misc.							
1	B	4.08	6.69	5.33	3.65	.58	.13	.07	.13	4.56	.77	.12	.03	4.71	.62
2	A	3.83	5.52	4.60	2.88	.30	.10	.09	.67	4.04	.56	.21	.29	4.54	.06
AVERAGE		3.96	6.11	4.97	3.27	.44	.11	.08	.40	4.30	.67	.17	.16	4.63	.34

The two turkey operations compared in the above table showed an average feed cost of \$3.27 per bird compared with an average cost of \$2.97 per bird for flocks in the 1961 study. Total cash and depreciation costs averaged \$4.30 per bird or 25 cents higher than the average cost per bird in the 1961 study. Income per bird sold averaged \$4.97 compared to \$3.81 per bird in 1961.

TABLE II
INCOME AND EXPENSE PER POUND OF MEAT SOLD

		INCOME			CASH AND DEPRECIATION COSTS						NON-CASH COSTS				
Ranch No.	Flock Size	Hen	Tom	Average Income	Feed	Poults	Depre- cia- tion			Total	Net Farm Income	Family Int. on Labor Invest.		Total Cost	Management Income
							Labor	Misc.							
1	B	.252	.221	.230	.158	.025	.006	.003	.004	.196	.034	.005	.002	.203	.027
2	A	.214	.251	.226	.141	.015	.005	.004	.033	.198	.028	.010	.015	.223	.003
AVERAGE		.233	.236	.228	.150	.020	.005	.004	.018	.197	.031	.007	.009	.213	.015

Income received per pound of meat sold, averaged 22.8 cents compared with 18.6 cents received by cooperators in 1961.

A: over 20,000

B: over 30,000

T A B L E I I I
TURKEY PRODUCTION AND MANAGEMENT FACTORS

Ranch No.	Broods E-L*	AVERAGE AGE SOLD		PER CENT OF FLOCK SOLD			AVERAGE LIVE WEIGHTS			POUNDS FEED		AVERAGE FEED COST	FLOCK LIVABILITY
		hens (weeks)	toms (weeks)	Hens	Toms	Culls	Hens	Toms	Flock	Per Bird Sold	Per Lb. Meat Sold	Per cwt.	Per Cent
1	L	23.3	26.0	48.0	50.2	1.8	16.2	30.3	23.2	94.7	4.1	3.86	93.8
2	E&L	24.6	26.1	48.0	49.7	2.3	15.3	25.8	20.4	92.0	4.5	3.13	84.7
AVERAGE		24.0	26.1	48.0	50.0	2.1	15.8	28.1	21.8	93.4	4.3	3.50	89.3

*Broods (Early - January through March
(Late - April through June

SUMMARY

Riverside County turkey growers marketed 1,120,404 turkeys in 1962 which amounted to \$5,296,710.* The number marketed was slightly above the figure for 1961.

A turkey crop of 95 - 96 million birds is predicted for 1963. This is an increase of about four per cent over 1962 production. Production costs are expected to be higher than in 1962 due to higher feed costs, although poult costs may be lower. With expected lower turkey prices and slightly higher costs, returns from the turkey business in 1963 is expected to be less favorable in 1963.

*Riverside County statistics showing turkey production and valuation for 1962 was taken from the Agricultural Commissioner's report.

T A B L E I V

RIVERSIDE COUNTY TURKEY MEAT PRODUCTION COST STUDIES

Since 1959

Management Factors	1962	1961	1960	1959
Number of flock records	2	5	7	7
Average number of poults started	28,231	22,060	17,890	16,424
Per cent livability	89.3	91.9	87.7	92.2
Average live weight birds sold (pounds)	21.8	21.0	19.3	19.2
Pounds feed per bird sold	93.4	82.4	79.1	78.1
Pounds feed per pound meat sold	4.3	4.0	4.1	4.1
Average feed cost per cwt.	3.50	3.63	3.87	3.96
Average feed cost per bird	3.27	2.97	3.06	3.09
Average feed cost per pound meat sold	.150	.145	.159	.161
Total income per bird	4.97	3.81	4.97	4.98
Total income per pound meat sold	.228	.186	.258	.259
Farm income per bird	.67	-.24	.65	.84
Management income per bird	.34	-.46	.42	.55

FARM INCOME -- Profit over and above all cash and depreciation costs.

MANAGEMENT INCOME -- Profit after cash and depreciation costs plus family labor and interest on investment have been deducted.