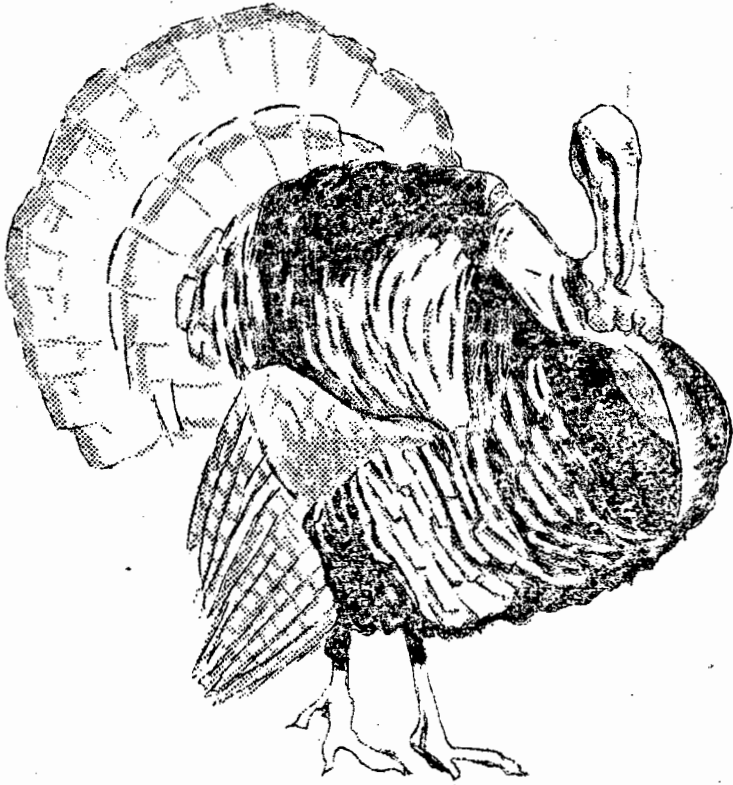


# TURKEY MEAT PRODUCTION

## COST STUDY

1961



UNIVERSITY OF CALIFORNIA  
AGRICULTURAL EXTENSION SERVICE  
RIVERSIDE COUNTY

T A B L E I  
I N C O M E   A N D   E X P E N S E   P E R   B I R D   S O L D

Ranch Flock No.	Flock Size	I N C O M E			C A S H   A N D   D E P R E C I A T I O N   C O S T S							N e t F a r m I n c o m e	N O N - C A S H   C O S T S		T o t a l C o s t	M a n a g e - m e n t I n c o m e
		H e n	T o m	A v e r a g e I n c o m e	F e e d	P o u l t s	D r u g s	D e p r e - c i a - t i o n	L a b o r	M i s c .	T o t a l		F a m i l y   I n t . L a b o r   I n v e s t .			
2	C	3.18	4.60	3.86	2.98	.48	.01	.07	- -	.05	3.59	.27	.02	.03	3.64	.22
3	B	3.50	5.26	4.34	3.47	.70	- -	.13	.10	.14	4.54	-.20	.12	.04	4.70	-.36
4	B	3.09	4.23	3.62	2.67	.55	.02	.09	.14	.30	3.77	-.15	.23	.09	4.09	-.47
5	A	3.14	4.33	3.69	2.72	.69	.08	.15	.05	.25	3.94	-.25	.17	.17	4.28	-.59
1	A	2.94	3.83	3.54	3.03	.72	.12	.25	.18	.09	4.39	-.85	.09	.15	4.63	-1.09
AVERAGE		3.17	4.45	3.81	2.97	.63	.06	.14	.12	.17	4.05	-.24	.13	.10	4.27	-.46

Flock Size:

A: 5,000 - 15,000      B: 15,001 - 25,000      C: over 40,000

The above table shows a rather wide variation in total cost per bird. This variation is especially noticeable in the feed cost per bird with a high of \$3.47 and a low of \$2.67. The total cash and depreciation costs per bird average \$4.05. This was slightly lower than the average cost per bird in the 1960 study.

T A B L E I I  
I N C O M E A N D E X P E N S E P E R P O U N D O F M E A T S O L D

Ranch No.	I N C O M E			C A S H A N D D E P R E C I A T I O N C O S T S							N e t F a r m I n c o m e	N O N - C A S H C O S T S		T o t a l C o s t	M a n a g e - m e n t I n c o m e
	H e n	T o m	A v e r a g e I n c o m e	F e e d	P o u l t s	D r u g s	D e p r e - c i a - t i o n	L a b o r	M i s c .	T o t a l		F a m i l y I n t . o n L a b o r I n v e s t .			
2	.210	.180	.190	.146	.024	- -	.003	- -	.003	.176	.014	.001	.002	.179	.011
3	.210	.180	.190	.152	.031	- -	.006	.004	.006	.199	-.009	.005	.002	.206	-.016
4	.213	.174	.186	.128	.028	- -	.004	.007	.016	.193	-.007	.012	.005	.210	-.024
5	.199	.180	.186	.137	.035	.004	.008	.002	.013	.199	-.013	.008	.008	.215	-.029
1	.196	.170	.176	.151	.036	.006	.012	.009	.005	.219	-.043	.004	.007	.230	-.054
AVG.	.206	.177	.186	.145	.031	.005	.007	.006	.009	.197	-.012	.006	.005	.208	-.022

Income per pound of meat sold averaged 18.6 cents compared with an average of 25.8 cents in the 1960 turkey meat study.

TABLE III  
TURKEY PRODUCTION AND MANAGEMENT FACTORS

Ranch No.	Broods* Early Late	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
2	E-L	23	24-5d.	49.7	49.5	.8	15.2	25.6	20.3	81.3	4.0	3.66	94.2
3	L	24	25	49.2	48.9	1.9	16.7	29.3	22.8	95.3	4.2	3.63	93.6
4	E-L	23	24	47.4	50.6	2.0	14.5	24.4	19.4	89.7	4.6	2.98	84.6
5	L	22-1d.	22-2d.	48.5	50.1	1.4	15.8	24.0	19.8	70.0	3.5	3.88	97.0
1	L	22	22-2d.	32.4	67.1	.4	15.0	22.5	22.6	75.5	3.9	4.00	90.0
AVERAGE		23-1d.	23.6d.	45.4	53.2	1.3	15.4	25.2	21.0	82.4	4.0	3.63	91.9

Feed consumption per bird averaged 82.4 pounds. The variation in feed consumption in the five flocks is due largely to difference in age at market time. Turkeys marketed by growers participating in this study averaged about two pounds heavier than for the 1960 turkey study.

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

T A B L E    I V

RIVERSIDE COUNTY TURKEY MEAT PRODUCTION COST STUDIES

Since 1959

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

## SUMMARY

Riverside County turkey growers marketed 1,077,312 turkeys in 1961, amounting to \$4,161,120.\* This was an increase of nearly 250,000 birds over the previous year. Turkey growers throughout the United States broke all production records last year with a total production of 107,000,000 birds raised. This accounts for the low returns to growers as reflected in this year's cost study.

In a recent USDA survey, growers have expressed intentions to raise 12 per cent fewer turkeys than in 1961. Turkey marketings for the first eight months of the year have been largely determined by the number of poults hatched between August 1961 and March 1962. If marketings parallel the hatch, about 10,000,000 less turkeys will be added to market supplies in January through August than a year ago.

This represents a greater cutback to date than the 12 per cent that producers intended in January according to USDA predictions.

\* Riverside County statistics showing turkey production and valuation for 1961 were taken from the Agricultural Commissioner's report.