

INDICATED RETURNS PER OPERATOR AND FAMILY MAN-EQUIVALENT WORKER

The data examined above give some indication of the productivity and possible returns to all labor. Data are presented in tables 38 and 39 to indicate returns to operator and family labor and management. Table 38 shows the return per man-equivalent operator and family worker for the use of capital and their labor and management.

TABLE 38.—SALES MINUS SPECIFIED EXPENSES PER OPERATOR AND FAMILY WORKER FOR COTTON FARMS, BY ECONOMIC CLASS AND REGIONS: 1954

Region	Economic class of farm						
	All classes	I	II	III	IV	V	VI
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
I.....	1, 214	20, 302	6, 546	2, 444	1, 570	891	413
II.....	988	21, 787	6, 884	2, 858	1, 734	999	453
III.....	1, 093	28, 429	6, 534	2, 590	1, 462	1, 002	443
IV.....	2, 116	34, 345	7, 532	3, 023	1, 555	939	458
V.....	1, 438	31, 555	7, 299	2, 996	1, 485	892	330
VI.....	2, 975	22, 992	8, 859	3, 409	1, 944	1, 152	437
VII.....	3, 509	32, 571	8, 445	3, 679	2, 080	1, 080	403
VIII.....	10, 791	38, 076	10, 779	4, 860	2, 162	1, 295	415
IX.....	15, 538	30, 743	10, 876	5, 090	2, 734	1, 297	358
X.....	32, 185	67, 922	10, 403	4, 934	2, 777	1, 428	603
Total, 10 regions.....	2, 620	41, 381	8, 988	3, 248	1, 652	992	433

In table 39, on the other hand, imputed interest on investment has been deducted. The indication here, therefore, is of return to operator and family labor and management per man-equivalent worker.

TABLE 39.—SALES MINUS SPECIFIED EXPENSES AND IMPUTED INTEREST ON INVESTMENT PER MAN-EQUIVALENT OF OPERATOR AND FAMILY WORKERS FOR ECONOMIC CLASSES OF COTTON FARMS, BY REGIONS: 1954

Region	Economic class of farm						
	All classes	I	II	III	IV	V	VI
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
I.....	926	12, 875	4, 114	1, 908	1, 321	702	289
II.....	705	15, 223	4, 230	1, 972	1, 353	743	269
III.....	833	20, 694	4, 162	1, 985	1, 184	785	292
IV.....	1, 632	24, 213	5, 072	2, 392	1, 294	783	342
V.....	935	22, 104	4, 673	2, 060	1, 028	585	120
VI.....	2, 043	16, 655	6, 156	2, 405	1, 337	674	181
VII.....	2, 022	24, 150	4, 973	2, 003	1, 022	438	85
VIII.....	7, 019	25, 909	7, 063	2, 890	798	396	-104
IX.....	11, 528	23, 765	7, 793	3, 151	1, 180	140	-234
X.....	26, 222	54, 636	6, 770	2, 911	1, 448	615	178
Total, 10 regions.....	1, 938	32, 169	6, 002	2, 296	1, 261	752	271

It will be observed that for Class VI farms the returns per worker for both capital and labor and management are below \$500 in all regions except one; there it is only \$600.

After allowing for interest on investment, the range among regions of indicated returns per operator and family worker on the various size-of-business groups is as follows: Class VI—from a loss to about \$342; Class V—from \$140 to \$785; Class IV—from about \$800 to about \$1,450; Class III—from about \$1,910 to about \$2,910; Class II—from about \$4,100 to about \$7,800; and Class I—from \$12,875 to \$54,636.

INVESTMENT PER DOLLAR OF SALES

In table 40 data are given that show the ratio of total investment to total sales and to sales minus specified expenses. These data afford a very rough indication of the relative productivity of capital employed on the various economic classes of cotton farms, in the different regions. In a general way, relatively low values of investment per dollar of sales indicate relatively high productivity of capital.

The principal conclusion which might tentatively be drawn from these data is that the productivity of capital—like that of labor—is generally higher on the larger than on the smaller size-of-business farms.

TABLE 40.—TOTAL INVESTMENT ON COTTON FARMS PER DOLLAR OF SALES, BY ECONOMIC CLASS OF FARM, BY REGIONS: 1954

Region	Economic class of farm						
	All classes	I	II	III	IV	V	VI
	Investment per dollar of gross sales (dollar)						
I.....	2.71	2.94	3.20	2.45	2.23	2.83	3.91
II.....	3.49	2.48	3.42	3.12	2.84	3.29	4.83
III.....	3.14	3.04	4.04	2.98	2.64	3.03	4.41
IV.....	2.94	3.29	3.67	2.79	2.39	2.41	3.52
V.....	4.05	3.22	3.78	3.69	3.71	4.25	7.08
VI.....	4.25	3.60	4.26	3.88	4.38	5.71	7.23
VII.....	5.17	3.38	4.98	5.49	6.12	7.01	9.64
VIII.....	4.29	3.95	4.21	4.84	6.60	8.13	13.16
IX.....	3.54	3.16	3.77	4.74	6.64	9.98	16.72
X.....	2.74	2.50	4.21	4.78	5.65	6.40	9.16
Total, 10 regions.....	3.34	2.92	4.03	3.71	3.18	3.27	4.72
	Investment per dollar of sales less specified expenses (dollars)						
I.....	4.40	6.77	7.01	4.06	3.23	4.33	6.25
II.....	5.32	5.48	7.14	5.75	4.15	4.75	7.50
III.....	4.40	5.44	6.85	4.33	3.52	4.02	6.29
IV.....	4.23	5.46	5.94	3.86	3.06	3.03	4.70
V.....	6.47	5.60	6.66	5.79	5.60	6.25	11.77
VI.....	5.91	5.20	5.76	5.56	5.89	7.83	10.85
VII.....	8.00	4.97	7.76	8.59	9.63	11.25	15.91
VIII.....	6.72	6.15	6.50	7.79	11.91	13.37	24.03
IX.....	4.97	4.36	5.35	7.19	10.73	16.83	30.51
X.....	4.08	3.69	6.47	7.74	8.86	10.54	13.05
Total, 10 regions.....	4.90	4.39	6.28	5.53	4.38	4.46	6.95