

The income range of the different economic subregions follows the pattern of the region (Table 32). The total sales as well as the sales per acre of total cropland show a consistent drop from the large to the small farms. What diversification there is shows up more among economic subregions than within the subregions. The smaller farms within a subregion show little, if any, more diversification than the larger farms.

Specified expenses of the region are consistently less than of either of the previously discussed regions when expressed in terms of income. The ratio of expenses to income in Economic Subregions 49 and 64 is 1 to 3; in Subregions 9 and 50 the ratios are 1 to 2.3 and 1 to 2.6, respectively.

Table 32.—SOURCES OF FARM INCOME ON DAIRY FARMS, BY ECONOMIC CLASS OF FARM, FOR THE CENTRAL MICHIGAN-WESTERN NEW YORK LAKE SHORE REGION: 1954

Item	Economic class of farm						
	Total	I	II	III	IV	V	VI
Number of farms.....	35,605	551	6,925	12,068	9,286	5,175	1,600
Gross sales—							
Per farm.....dollars..	7,011	34,652	14,085	7,168	3,800	1,909	836
Per crop acre.....do..	62	101	76	60	45	32	19
Percent of gross sales from dairy products.....	66	65	66	67	67	64	64
Sales per farm:							
Milk.....dollars..	4,650	22,438	9,317	4,805	2,535	1,220	538
Cattle and calves.....do..	582	3,254	1,057	567	362	234	117
Hogs.....do..	229	1,343	550	207	84	54	29
Poultry products except eggs.....do..	52	147	93	57	32	20	9
Eggs.....do..	202	447	333	241	140	75	33
Sheep.....do..	18	181	29	20	9	4	2
Other livestock and livestock products.....dollars..	9	40	14	9	6	3	3
Total livestock and livestock products.....dollars..	5,742	27,850	11,393	5,906	3,168	1,610	731
Field crops.....do..	1,162	5,919	2,496	1,170	565	260	70
Other crops.....do..	107	883	196	92	67	39	35
Total crops.....do..	1,269	6,802	2,692	1,262	632	299	105

<sup>1</sup> Includes horticultural and forest products.

Table 33.—SPECIFIED FARM EXPENDITURES ON DAIRY FARMS, BY ECONOMIC CLASS OF FARM, FOR THE CENTRAL MICHIGAN-WESTERN NEW YORK LAKE SHORE REGION: 1954

Item	Economic class of farm						
	Total	I	II	III	IV	V	VI
Number of farms.....	35,605	551	6,925	12,068	9,286	5,175	1,600
Average per farm:							
Machine hire.....dollars..	176	252	224	199	162	110	52
Hired labor.....do..	468	5,799	1,124	347	125	56	16
Feed.....do..	1,062	4,823	1,982	1,101	633	375	204
Gas and oil.....do..	439	1,626	768	464	287	195	101
Fertilizer.....do..	347	1,492	689	357	192	110	64
Lime.....do..	26	160	54	24	12	7	2
Total.....do..	2,517	14,152	4,841	2,492	1,411	853	439
Average per crop acre:							
Machine hire.....do..	2	1	1	2	2	2	1
Hired labor.....do..	4	17	6	3	1	1	(Z)
Feed.....do..	9	14	11	9	8	7	5
Gas and oil.....do..	4	5	4	4	3	3	2
Fertilizer.....do..	3	4	4	3	2	2	1
Lime.....do..	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Total.....do..	22	41	26	21	16	15	9

Z Less than 0.50.

Feed bought is again the largest single item of specified expenses (Table 33). It amounts to \$76 per cow for Economic Subregion 9 and about \$60 per cow for Economic Subregions 64 and 50. In Western New York, Economic Subregion 9 is outstandingly high on this item as are all the farms in the Northeastern Dairy Region.

Net farm income and other items showing the relation of various factors to the success of the venture disclose little change from the standard pattern set by the previously described areas (Table 34). The operators of small farms show less effective use of all resources, whether they be physical or human, than the larger farmers.

Table 34.—MEASURES OF INCOME AND EFFICIENCY LEVELS FOR DAIRY FARMS, BY ECONOMIC CLASS OF FARM, FOR THE CENTRAL MICHIGAN-WESTERN NEW YORK LAKE SHORE REGION: 1954

Item	Economic class of farm						
	Total	I	II	III	IV	V	VI
Number of farms.....	35,605	551	6,925	12,068	9,286	5,175	1,600
Gross sales per farm.....dollars..	7,011	34,652	14,085	7,168	3,800	1,909	836
Specified expenses per farm.....do..	2,517	14,152	4,841	2,492	1,411	853	439
Gross sales less specified expenses per farm.....dollars..	4,494	20,500	9,244	4,676	2,389	1,056	397
Gross sales per man-equivalent.....	5,393	8,250	7,825	5,120	3,455	2,121	929
Total investment—							
Per farm.....dollars..	32,792	113,217	55,999	33,703	22,274	16,031	11,400
Per man-equivalent.....do..	25,225	26,956	31,111	24,074	20,249	17,812	12,667
Per \$100 gross sales.....do..	468	326	397	468	586	844	1,425
Percent of sales of dairy products from cream.....	1	(Z)	(Z)	(Z)	2	8	30
Milk sales per cow:							
Dollars.....	259	383	302	256	205	147	98
Pounds (milk equivalent).....	7,261	9,358	8,143	7,294	6,090	4,973	3,750

Z Less than 0.5 percent.

Nine-tenths of the dairy farms of this region used some fertilizer (Table 35). The quantity applied per acre was only 240 pounds in comparison with around 400 pounds for the two more eastern dairy regions. The two subregions with the larger farms bought the larger quantities but only the New York subregion applied more per acre fertilized. Farmers in this subregion, on the average, applied 100 pounds more per acre than Subregion 64, and 120 pounds more than was applied by the other subregions.

Table 35.—USE OF FERTILIZER AND LIME ON DAIRY FARMS, BY ECONOMIC CLASS OF FARM, FOR THE CENTRAL MICHIGAN-WESTERN NEW YORK LAKE SHORE REGION: 1954

Item	Economic class of farm						
	Total	I	II	III	IV	V	VI
Number of farms.....	35,605	551	6,925	12,068	9,286	5,175	1,600
Fertilizer:							
Percent of farms using.....	90	99	97	95	90	77	55
Tons used per farm reporting.....	7	29	13	7	4	3	2
Acres upon which used per farm reporting.....	56	179	96	57	35	22	16
Average per acre fertilized:							
Pounds.....	251	328	261	241	228	232	264
Cost.....dollars..	6.89	8.39	7.36	6.58	6.13	6.41	7.41
Lime:							
Percent of farms using.....	20	47	31	23	14	10	3
Acres upon which used per farm reporting.....	18	42	25	15	12	10	6
Average per acre limed:							
Pounds.....	3,271	3,526	2,904	3,450	3,600	3,804	3,937
Cost.....dollars..	7.13	7.96	6.82	7.27	7.30	6.97	9.67