

Work Power, Equipment, and Other Specified Expenditures, 1954

This section summarizes additional data on work power and other equipment and specified expenditures in 1954, by economic class of farm, by major regions.

Farms by class of work power, 1954.—A sharp difference is found among the economic classes in facilities for work power (Table 20). This is to be expected. About one-third of the part-time (Class VII) farm operators did not have tractors, horses, or mules, in 1954. These percentages were remarkably consistent in each of the three major regions. An additional 11.3 percent of the part-time farmers and 16.5 percent of the residential (Class VIII) farmers had only one horse or mule each. Only 12.7 percent of the part-time farmers and 5.0 percent of the residential farmers had a tractor and horses and/or mules. However, 41.9 percent of the part-time and 18.8 percent of the residential farms had a tractor in contrast to 90.9 percent of the Class I farms and 92.3

percent of those in Class II. As was shown in Table 16, however, almost one-half of the part-time farms (45.3 percent) and almost one-quarter of the residential farms (23.9 percent) reported machine hire in 1954. The amounts expended per farm were relatively small—\$89 per farm for part-time farms and \$52 for residential farms.

Many part-time and residential farmers were apparently limited to small plots of cultivated land, to a few head of livestock such as two or three cows, or to a flock of poultry. On the other hand, 6.8 percent of the Class I farms and 5.5 of Class II did not have a tractor, or horses, or mules. Sales of farm products in excess of \$10,000, under these conditions, would suggest either hiring of tractors and machines on a custom basis and/or pre-dominance of such an enterprise as a commercial poultry operation, a highly mechanized dairy farm, or a feeding operation in which all or nearly all feed is purchased and there is little field work.

Table 20.—FARMS BY CLASS OF WORK POWER AND SPECIFIED FARM EQUIPMENT, BY ECONOMIC CLASS OF FARM, FOR THE UNITED STATES AND REGIONS: 1954

Region and economic class	Percent of farms reporting—									
	Class of work power					Specified farm equipment				
	No tractor, horses, or mules	No tractor and only 1 horse or mule	No tractor and 2 or more horses and/or mules	Tractor and horses and/or mules	Tractor and no horses or mules	Electric pig brooder	Power feed grinder	Milking machine	Field forage harvester	Artificial ponds, reservoirs, and earth tanks
UNITED STATES										
All farms.....	24.7	7.2	10.1	20.4	37.6	2.4	14.8	14.9	4.1	19.0
Class I.....	6.8	.6	1.7	36.4	54.5	7.4	35.7	18.1	19.7	27.4
Class II.....	5.5	.6	1.5	29.5	62.8	8.4	37.5	34.7	15.7	22.0
Class III.....	6.7	1.0	3.1	30.0	59.3	4.9	30.2	35.7	8.7	21.9
Class IV.....	13.2	2.6	8.2	28.9	47.1	2.1	18.1	21.7	3.2	21.1
Class V.....	22.7	5.6	15.4	21.9	34.4	1.0	9.4	8.7	1.0	20.0
Class VI.....	29.2	13.3	25.1	13.6	18.8	.5	4.4	2.4	.4	17.6
Part-time.....	34.4	11.3	12.3	12.7	29.2	.7	4.5	3.1	.4	19.1
Residential.....	55.3	16.5	9.4	5.0	13.8	1.4	1.3	.8	1.1	10.9
Abnormal.....	18.3	1.6	6.2	40.4	33.6	11.7	35.7	37.8	22.7	30.1
THE NORTH										
All farms.....	15.4	1.5	4.0	21.3	57.8	4.7	24.5	27.7	7.6	18.2
Class I.....	5.8	.3	.6	29.6	63.7	14.0	49.0	23.8	30.2	24.7
Class II.....	4.0	.2	.6	24.5	70.7	11.6	43.8	41.6	19.4	19.4
Class III.....	4.0	.3	1.2	26.0	68.6	6.6	35.9	44.9	11.3	18.9
Class IV.....	6.4	.5	2.9	26.9	63.2	3.3	25.3	35.4	5.0	19.1
Class V.....	13.4	1.5	6.6	22.2	56.4	1.8	15.8	18.5	1.7	19.6
Class VI.....	30.3	3.6	14.7	15.0	36.4	.8	8.1	6.0	.8	17.9
Part-time.....	31.2	3.1	5.6	11.4	48.7	1.2	6.4	5.8	.4	16.2
Residential.....	53.9	5.6	6.7	5.8	28.0	.5	2.0	1.5	.2	11.3
Abnormal.....	15.0	.8	3.9	38.6	41.7	16.0	41.6	50.0	30.5	29.3
THE SOUTH										
All farms.....	32.6	13.1	16.4	18.8	19.2	.6	6.6	3.4	1.0	20.3
Class I.....	7.6	1.1	2.5	46.1	42.6	2.5	30.9	12.4	12.0	33.1
Class II.....	8.2	1.9	3.7	41.9	44.3	2.2	28.4	19.4	8.0	30.0
Class III.....	11.7	2.7	8.2	39.4	37.9	1.5	18.9	13.6	3.0	31.6
Class IV.....	20.9	5.2	15.1	30.9	28.0	.7	9.8	5.0	1.0	24.4
Class V.....	28.1	8.4	21.8	21.6	20.2	.5	5.4	1.9	.4	21.0
Class VI.....	28.6	17.5	29.7	12.8	11.5	.3	2.9	.8	.3	17.8
Part-time.....	35.2	16.9	16.8	13.3	17.9	.5	3.4	.9	.3	22.1
Residential.....	55.5	22.1	10.5	4.4	7.5	.3	.9	.4	.1	11.3
Abnormal.....	11.3	3.4	7.0	53.9	24.5	7.9	38.6	32.0	19.3	35.8
THE WEST										
All farms.....	26.0	2.8	5.7	25.1	40.4	1.3	12.8	16.0	4.1	15.3
Class I.....	7.5	.6	2.4	38.0	51.5	1.9	20.5	14.9	11.3	26.5
Class II.....	9.4	.6	2.2	36.4	51.4	2.0	20.3	23.5	8.6	21.3
Class III.....	11.8	1.1	2.9	34.0	50.2	1.9	19.8	28.7	5.7	17.7
Class IV.....	16.8	1.5	4.8	31.1	45.8	1.5	16.0	23.4	3.1	16.3
Class V.....	24.8	2.9	7.2	23.4	41.6	1.0	11.1	15.4	1.8	13.7
Class VI.....	32.2	3.7	12.9	18.6	32.6	.9	8.0	7.8	1.5	13.4
Part-time.....	41.3	4.7	7.7	13.9	32.3	1.0	4.5	7.2	.6	10.2
Residential.....	57.8	6.6	9.5	6.7	19.3	.4	1.6	1.9	.2	6.4
Abnormal.....	33.8	1.0	10.1	27.3	27.8	7.2	19.8	19.3	11.4	24.9