

SUMMARY OF FINDINGS

All Expenditures

In 1969, one or more of the 11 items of farm production expenditure applicable to all farm data were reported by nearly all of the 2,730,250 farms in the United States. The total of \$37.6 billion for all farm production expenses represented 82.4 percent of the value of all farm products sold in 1969. The proportion of farms having each item of expenditure varied

from 97 percent for gasoline and other petroleum products to 13 percent for lime. The graph, page 86, shows the relationship of individual 1969 expenditures to the total and compares 1969 to 1964 for similar items.

Expenditures varied considerably by class of farm and by type of farm. The relationship of each expenditure item to total expenditures and to the total value of agricultural products sold is shown in table 3 by value of sales and in table 4 by type of farm.

Table 3. Farm Production Expenses by Value of Sales, United States: 1969

	All farms	\$100,000 and over	\$40,000 to \$39,999	\$20,000 to \$19,999	\$10,000 to \$9,999	\$5,000 to \$4,999	\$2,500 to \$2,500	Under \$2,500	Abnormal— no limit on value of sales
Total value of sales (\$1,000).....	45,609,090	15,327,298	10,073,830	9,267,476	5,693,030	2,814,078	1,345,546	935,276	152,556
Total farm production expenses (\$1,000)..	37,581,597	13,665,600	7,839,296	6,788,141	4,203,060	2,188,266	1,563,092	1,201,361	132,780
Percent of total value of sales.....	82.4	89.2	77.8	73.2	73.8	77.8	116.2	128.4	87.0
Livestock and poultry purchases (\$1,000)....	8,081,639	4,472,578	1,568,781	955,710	489,681	243,131	186,834	149,731	15,194
Percent of total production expenses.....	21.5	32.7	20.0	14.1	11.7	11.1	12.0	12.5	11.4
Feed for livestock and poultry (\$1,000).....	7,100,396	2,959,750	1,630,174	1,240,649	614,438	275,869	170,698	181,545	27,272
Percent of total production expenses.....	18.9	21.7	20.8	18.3	14.6	12.6	10.9	15.1	20.5
Seeds, bulbs, plants, and trees (\$1,000)....	871,471	196,536	194,183	198,592	135,995	70,146	43,000	30,992	2,028
Percent of total production expenses.....	2.3	1.4	2.5	2.9	3.2	3.2	2.8	2.6	1.5
Commercial fertilizer (\$1,000).....	2,209,185	436,113	513,546	520,326	337,464	183,537	115,895	95,636	6,669
Percent of total production expenses.....	5.9	3.2	6.6	7.7	8.0	8.4	7.4	8.0	5.0
Gasoline and other petroleum fuel and oil (\$1,000).....	1,906,579	265,488	356,365	435,070	347,927	209,485	143,387	143,914	4,943
Percent of total production expenses.....	5.1	1.9	4.5	6.4	8.3	9.6	9.2	12.0	3.7
Agricultural Chemicals (\$1,000).....	805,939	265,534	197,368	162,082	93,609	44,847	24,951	15,010	2,538
Percent of total production expenses.....	2.1	1.9	2.5	2.4	2.2	2.0	1.6	1.2	1.9
Lime (\$1,000).....	102,097	12,952	21,608	23,122	16,284	10,527	8,007	9,131	466
Percent of total production expenses.....	0.3	0.1	0.3	0.3	0.4	0.5	0.5	0.8	0.4
Hired labor (\$1,000).....	3,375,203	1,629,836	697,601	467,891	247,809	125,775	93,953	76,049	36,290
Percent of total production expenses.....	9.0	11.9	8.9	6.9	5.9	5.7	6.0	6.3	27.3
Contract labor, machine hire, and customwork (\$1,000).....	1,405,259	436,793	245,033	247,534	194,396	125,657	88,188	64,811	2,847
Percent of total production expenses.....	3.7	3.2	3.1	3.6	4.6	5.7	5.6	5.4	2.1
All other production expenses (\$1,000).....	11,723,828	2,990,020	2,414,638	2,537,165	1,725,456	899,292	688,180	434,543	34,534
Percent of total production expenses.....	31.2	21.9	30.8	37.4	41.1	41.1	44.0	36.2	26.0

Table 4. Farm Production Expenses by Type of Farm, United States: 1969

	Total all farms	Cash grain	Tobacco	Cotton	Other field crop	Vegetable
Total value of sales (\$1,000).....	44,521,258	6,631,130	941,283	813,748	1,358,226	1,174,981
Total farm production expenses (\$1,000)..	36,247,455	4,793,760	575,125	816,973	1,124,122	980,168
Percent of total value of sales.....	81.4	72.3	61.1	100.4	82.8	83.4
Livestock and poultry (\$1,000).....	7,916,714	251,066	19,456	13,845	23,325	8,986
Percent of total production expenses.....	21.8	5.2	3.4	1.7	2.1	0.9
Feed for livestock and poultry (\$1,000)....	6,891,579	168,586	20,773	7,955	13,772	5,851
Percent of total production expenses.....	19.0	3.5	3.6	1.0	1.2	0.6
Seeds, bulbs, plants, and trees (\$1,000)....	838,452	242,038	11,678	31,464	69,752	34,427
Percent of total production expenses.....	2.3	5.0	2.0	3.9	6.2	3.5
Commercial fertilizer (\$1,000).....	2,106,881	600,360	78,874	73,132	133,527	88,666
Percent of total production expenses.....	5.8	12.5	13.7	9.0	11.9	9.0
Gasoline and other petroleum fuel and oil (\$1,000).....	1,757,722	454,846	67,788	68,497	56,592	33,990
Percent of total production expenses.....	4.8	9.5	11.8	8.4	5.0	3.5
Agricultural Chemicals (\$1,000).....	788,391	200,620	17,292	75,571	55,975	57,314
Percent of total production expenses.....	2.2	4.2	3.0	9.3	5.0	5.8
Lime (\$1,000).....	92,500	22,432	2,803	2,717	3,488	2,167
Percent of total production expenses.....	0.3	0.5	0.5	0.3	0.3	0.2
Hired labor (\$1,000).....	3,262,865	337,189	117,329	135,763	235,494	261,847
Percent of total production expenses.....	9.0	7.0	20.4	16.6	20.9	26.7
Contract labor, machine hire, and customwork (\$1,000).....	1,337,601	253,770	21,427	63,825	75,001	123,362
Percent of total production expenses.....	3.7	5.3	3.7	7.8	6.7	12.6
All other production expenses (\$1,000).....	11,254,751	2,262,851	217,704	344,203	457,197	363,558
Percent of total production expenses.....	31.0	47.2	37.9	42.1	40.7	37.1

Table 4. Farm Production Expenses by Type of Farm, United States: 1969—Continued

	Fruit and nut	Poultry	Dairy	Livestock other than poultry and dairy	Livestock ranches	General	Miscellaneous
Total value of sales (\$1,000).....	1,682,339	3,959,670	6,580,182	15,169,431	2,635,119	2,421,477	1,153,672
Total farm production expenses (\$1,000)...	1,430,016	3,504,116	4,674,006	12,947,814	2,427,754	1,996,166	977,435
Percent of total value of sales.....	85.0	88.5	71.0	85.4	92.1	82.4	84.7
Livestock and poultry purchases (\$1,000)....	7,169	683,013	376,254	5,277,202	1,032,599	176,948	46,851
Percent of total production expenses.....	0.5	19.5	8.0	40.8	42.5	8.9	4.8
Feed for livestock and poultry (\$1,000).....	6,897	2,071,733	1,386,693	2,590,655	422,024	145,759	50,883
Percent of total production expenses.....	0.5	59.1	29.7	20.0	17.4	7.3	5.2
Seed, bulbs, plants, and trees (\$1,000).....	14,693	6,189	81,759	189,054	6,561	72,742	78,095
Percent of total production expenses.....	1.0	0.2	1.7	1.5	0.3	3.6	8.0
Commercial fertilizer (\$1,000).....	87,489	22,229	229,063	536,973	37,290	199,004	20,272
Percent of total production expenses.....	6.1	0.6	4.9	4.1	1.5	10.0	2.1
Gasoline and other petroleum fuel and oil (\$1,000).....	48,970	60,255	222,515	486,249	74,150	142,908	40,963
Percent of total production expenses.....	3.4	1.7	4.8	3.8	3.1	7.2	4.2
Agricultural Chemicals (\$1,000).....	104,422	7,803	42,569	129,464	8,219	78,818	10,323
Percent of total production expenses.....	7.3	0.2	0.9	1.0	0.3	3.9	1.1
Lime (\$1,000).....	2,563	1,450	15,834	28,362	1,733	7,666	1,285
Percent of total production expenses.....	0.2	(¹)	0.3	0.2	0.2	0.4	0.1
Hired labor (\$1,000).....	418,312	176,784	394,913	469,338	164,164	228,688	323,044
Percent of total production expenses.....	29.3	5.0	8.4	3.6	6.8	11.5	33.1
Contract labor, machine hire, and customwork (\$1,000).....	207,419	23,619	99,208	267,912	45,420	137,236	19,401
Percent of total production expenses.....	14.5	0.7	2.1	2.1	1.9	6.9	2.0
All other production expenses (\$1,000).....	532,083	451,040	1,825,198	2,972,607	635,596	806,397	386,317
Percent of total production expenses.....	37.2	12.9	39.0	23.0	26.2	40.4	39.5

¹ Less than 0.05 percent.

Livestock and Poultry Purchased

Forty-three percent of all farms reported livestock or poultry purchases in 1969. Farms with sales of \$2,500 and over, while only 64 percent of all farms, accounted for 98 percent of the total expenditures for livestock and poultry. Farms with sales of \$100,000 and over, 2 percent of all farms, accounted for 55 percent of all livestock and poultry purchases in 1969. Almost 80 percent of the total purchases on class 1-5 farms were on livestock farms other than poultry and dairy, and on livestock ranches. Commercial feedlots accounted for a large portion of the total. By States, Texas accounted for \$945 million; Iowa, \$888 million; California, \$575 million; and Kansas, \$574 million. Together, these four States accounted for \$2,982 million, 37 percent, of the total of \$8,082 million spent for the purchase of livestock and poultry.

Feed for Livestock and Poultry

The purchase of feed for livestock and poultry was reported for 66 percent of all farms in 1969. The total feed expenditure of \$7,100 million accounted for 19 percent of all farm production expenses. Almost three-fifths of the farms with feed expenditures purchased less than \$1,000 of feed. In comparison, slightly over 3 percent of the farms had feed expenditures of \$20,000 and over. More than 97 percent of the total feed expenditure and 98 percent of the expenditure for commercially mixed

formula feeds was on class 1-5 farms. Most of the expenditure for feed was by poultry, dairy, and livestock farms, as shown in the percentage distribution below.

Distribution of Feed Expenditure by Type of Farm

	Total	Poultry	Dairy	Livestock farms other than poultry and dairy, and live- stock ranches	Other types
All Feed	100.0	30.1	20.1	43.7	6.1
Commercially mixed					
formula feeds	100.0	44.4	19.7	29.8	6.1
Feed ingredients	100.0	7.3	32.0	52.6	9.2
Whole grains	100.0	5.2	10.9	79.2	4.7
Hay, silage, etc.	100.0	0.6	40.2	51.3	7.9

Expenditures for commercially mixed formula feeds accounted for 64 percent of the total expenditures for feed. Figures on farms with feed expenditures, the amount of expenditures, and the tons purchased of the four categories of feed for class 1-5 farms are presented on the following page.