



Farm Production Expenditures

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Cooperating with the Oklahoma Department of Agriculture, Food and Forestry and Texas Department of Agriculture

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Texas farm production expenditures totaled \$26.0 billion in 2021, up 3.28 billion dollars from 2020. Livestock and poultry purchase expenses, which made up the highest portion, increased 21.6 percent from the year earlier to 5.68 billion dollars. Feed expense was the second highest expense category at 5.17 billion dollars, up 1,170.00 million dollars from 2020. Farm services made up 11.0 percent of the total, and labor expenses were 7.1 percent. The average total production expenditures for a Texas farm was \$105,445, up 14.4 percent from 2020.

Total production expenses for the **Plains Region** (ND, SD, NE, KS, OK, and TX) totaled \$99.2 billion in 2021, up 13.84 billion dollars from 2020. Livestock and poultry purchase expenses made up the largest portion of the total at 21.4 billion dollars, up 25.5 percent from the year earlier. Feed expense increased 3,290 million dollars in 2021 to 14.3 billion dollars. The average total production expenditure per farm in the Plains Region was \$205,331, up 16.4 percent from 2020.

Farm Production Expenditures by Farms Reporting, Average per Farm, & Total – Texas: 2020 and 2021

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2020	2021	2020	2021	2020	2021
	<i>percent</i>	<i>percent</i>	<i>dollars</i>	<i>dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Livestock, poultry, & related expenses	23.1	18.7	18,907	22,996	4,670	5,680
Feed	74.2	75.0	16,194	20,931	4,000	5,170
Farm services	89.7	89.5	10,891	11,579	2,690	2,860
Rent	20.1	19.0	3,441	4,534	850	1,120
Agricultural chemicals	37.9	41.0	2,632	2,632	650	650
Fertilizer, lime, & soil conditioners	45.3	43.5	4,534	4,737	1,120	1,170
Interest	14.3	13.7	1,619	1,984	400	490
Taxes	100.0	100.0	3,765	4,534	930	1,120
Labor	23.1	22.4	5,911	7,530	1,460	1,860
Fuel	84.8	81.1	3,158	3,887	780	960
Farm supplies & repairs	81.5	75.9	4,008	4,737	990	1,170
Farm improvements & construction	42.1	34.9	3,846	4,049	950	1,000
Tractors & self-propelled machinery	13.8	9.7	5,830	4,777	1,440	1,180
Other farm machinery	10.1	7.5	1,296	1,255	320	310
Seeds & plants	24.8	19.4	3,684	3,239	910	800
Trucks & autos	9.4	6.4	2,105	1,336	520	330
Miscellaneous capital expenses	3.7	6.6	364	709	90	175
Total farm production expenditures	100.0	100.0	92,186	105,445	22,770	26,045

Source: USDA National Agricultural Statistics Service - *Farm Production Expenditures 2021 Summary*, July 2022

Farm Production Expenditures by Farms Reporting, Average per Farm, & Total – Plains Region: 2020 and 2021

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2020	2021	2020	2021	2020	2021
	<i>percent</i>	<i>percent</i>	<i>dollars</i>	<i>dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Livestock, poultry, & related expenses	25.1	25.6	35,270	44,327	17,060	21,410
Feed	61.9	65.0	22,721	29,565	10,990	14,280
Farm services	86.6	89.1	17,966	18,820	8,690	9,090
Rent	30.6	29.9	14,968	19,048	7,240	9,200
Agricultural chemicals	44.7	45.6	7,567	8,468	3,660	4,090
Fertilizer, lime, & soil conditioners	48.7	47.4	11,515	14,576	5,570	7,040
Interest	25.5	24.7	4,734	4,141	2,290	2,000
Taxes	100.0	100.0	7,835	8,095	3,790	3,910
Labor	23.9	24.5	7,546	8,820	3,650	4,260
Fuel	81.7	79.1	5,561	6,729	2,690	3,250
Farm supplies & repairs	79.2	77.0	8,125	9,524	3,930	4,600
Farm improvements & construction	40.3	39.6	5,355	5,756	2,590	2,780
Tractors & self-propelled machinery	14.1	13.1	9,283	9,545	4,490	4,610
Other farm machinery	12.0	13.5	3,556	3,685	1,720	1,780
Seeds & plants	34.0	30.9	10,337	10,518	5,000	5,080
Trucks & autos	12.5	11.9	3,556	2,981	1,720	1,440
Miscellaneous capital expenses	5.7	7.3	538	735	260	355
Total farm production expenditures	100.0	100.0	176,432	205,331	85,340	99,175

Source: USDA National Agricultural Statistics Service - *Farm Production Expenditures 2021 Summary*, July 2022

Terms and Definitions

Agricultural chemicals: This expense line item includes material and application costs.

Average per farm: The average per farm is computed by dividing the line-item total expense by the total number of farms at that level (United States, region, type, economic class, or state).

Expense line items: All expense line items include the operator, landlord, and contractor shares of farm production expenses.

Farm improvements and construction: Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.

Farm services: This is a summation of all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, utilities, general expenses, and miscellaneous business expenses.

Farm supplies and repairs: This expense includes bedding/litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment.

Livestock, poultry, and related expenses: This line item includes purchases and leasing of livestock and poultry. Intra-state and inter-state transfers of livestock are captured.

Miscellaneous capital expenses: Expenditures for depreciable capital purchases that are excluded from **into** the defined expense categories of farm improvements and construction, trucks and autos, tractors and self-propelled equipment, and other farm machinery.

Rent: Rent includes cash rent paid, share rent, plus public and private grazing fees.

Farm Production Expenditures (July 2022)

USDA, National Agricultural Statistics Service, Southern Plains Regional Field Office

Seeds and plants: All purchases of seed, plants, or seed treatments for nursery and farming operation are included. Bedding plants, nursery stock, and seed purchased for resale are excluded.

Taxes: This expense is the sum of real estate taxes and personal property taxes for operator, landlord, and contractor.

Agriculture Resource Management Survey - Results

This report contains the results from the 2021 Agricultural Resource Management Survey (ARMS Phase 3) conducted January through April of 2022. Estimates for the Southern Plains region were made possible by data provided by respondents in Oklahoma and Texas. Our thanks to all who responded to ARMS Phase 3.

ARMS Phase 3 covers a population of all farms in the 48 contiguous states (excluding Alaska and Hawaii) that meet the official USDA definition (all establishments that sold or would normally have sold at least \$1,000 of agricultural products during the previous year). These operations include not only traditional agricultural farms such as grain farms and ranching operations, but also specialty farms like orchards, nurseries, and aquaculture.

To ensure consistent and proper execution of survey procedures in farm determination, data collection, and editing of detailed expense, income data, and demographic data, specialized training occurred on the national and state levels prior to the ARMS data collection period. Data are collected using electronic data reporting (EDR), mail return, and personal enumeration. The 2021 sample for the U.S. was more than 30,000 producers.

NASS provides accurate, timely, useful and objective statistics in service to U.S. agriculture. In order to view the full national report, please visit the following website: www.nass.usda.gov/Publications/.