



# Farm Production Expenditures

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

August 16, 2019

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**Texas** farm production expenditures totaled \$25.1 billion in 2018, up 2.2 percent from 2017. Livestock and poultry purchase expenses, which make up the largest portion, increased 28.5 percent from the year earlier to 5.91 billion dollars. Feed expense was the second highest expense category at 4.75 billion dollars, up 350 million dollars from 2017. Farm services made up 12.4 percent of the total, and labor expenses were 8.2 percent. The average total production expenditures for a Texas farm was \$101,538, up 2.8 percent from 2017.

Total production expenses for the **Plains Region** (ND, SD, NE, KS, OK, and TX) totaled \$91.7 billion in 2017, down slightly from 2017. Livestock and poultry purchase expenses made up the largest portion of the total at 23.9 billion dollars, up 13.3 percent from the year earlier. Feed expense decreased 100 million dollars in 2018 to 12.0 billion dollars. The average total production expenditure per farm in the Plains Region was \$189,243, up slightly from 2017.

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Texas: 2017 and 2018

[For definitions of items used in this table, see Terms and Definitions on page 3. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2017	2018	2017	2018	2017	2018
	<i>percent</i>	<i>percent</i>	<i>dollars</i>	<i>dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Livestock, poultry, and related expenses	27.0	18.3	18,511	23,927	4,600	5,910
Feed	71.8	72.5	17,706	19,231	4,400	4,750
Farm services	86.0	90.3	12,153	12,551	3,020	3,100
Rent	18.7	18.2	4,507	3,239	1,120	800
Agricultural chemicals	25.5	35.7	2,817	2,470	700	610
Fertilizer, lime, and soil conditioners	31.6	39.9	4,024	4,291	1,000	1,060
Interest	15.7	15.4	1,610	2,146	400	530
Taxes	100.0	99.9	4,225	4,130	1,050	1,020
Labor	25.7	23.5	7,646	8,300	1,900	2,050
Fuel	79.2	81.4	3,581	3,563	890	880
Farm supplies and repairs	73.1	73.7	4,064	3,684	1,010	910
Farm improvements and construction	40.5	32.5	5,030	3,968	1,250	980
Tractors and self-propelled farm machinery	11.7	9.8	5,272	3,441	1,310	850
Other farm machinery	7.5	6.5	1,247	1,012	310	250
Seeds and plants	20.0	17.1	3,622	3,441	900	850
Trucks and autos	11.1	7.8	2,374	1,822	590	450
Miscellaneous capital expenses	4.4	4.4	402	324	100	80
<b>Total farm production expenditures</b>	<b>100.0</b>	<b>100.0</b>	<b>98,793</b>	<b>101,538</b>	<b>24,550</b>	<b>25,080</b>

**Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Plains Region:  
2017 and 2018**

[For definitions of items used in this table, see Terms and Definitions on page 3. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2017	2018	2017	2018	2017	2018
	<i>percent</i>	<i>percent</i>	<i>dollars</i>	<i>dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Livestock, poultry, and related expenses	29.4	23.6	43,211	49,299	21,100	23,900
Feed	64.3	65.0	24,780	24,752	12,100	12,000
Farm services	89.1	91.7	18,943	19,183	9,250	9,300
Rent	29.1	31.0	16,138	15,408	7,880	7,470
Agricultural chemicals	37.7	45.0	7,659	7,508	3,740	3,640
Fertilizer, lime, and soil conditioners	39.8	46.6	10,772	11,696	5,260	5,670
Interest	29.6	29.7	4,731	4,992	2,310	2,420
Taxes	100.0	99.8	8,417	7,550	4,110	3,660
Labor	25.7	25.5	8,437	8,560	4,120	4,150
Fuel	80.9	82.2	6,041	6,291	2,950	3,050
Farm supplies and repairs	77.5	76.8	8,028	7,673	3,920	3,720
Farm improvements and construction	46.3	36.8	7,250	4,847	3,540	2,350
Tractors and self-propelled farm machinery	12.6	12.5	7,250	5,858	3,540	2,840
Other farm machinery	11.9	11.1	2,826	2,599	1,380	1,260
Seeds and plants	31.7	31.1	10,117	9,983	4,940	4,840
Trucks and autos	14.9	11.5	3,195	2,620	1,560	1,270
Miscellaneous capital expenses	5.9	5.3	410	423	200	205
Total farm production expenditures	100.0	100.0	188,204	189,243	91,900	91,745

## Terms and Definitions

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

**Taxes:** 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.

**Taxes:** 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 2018 Agricultural Resource Management Survey (ARMS Phase 3) conducted January through April of 2019. 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 2018 sample for the U.S. was 37,359 farms and ranches.

*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](http://www.nass.usda.gov/Publications).*

