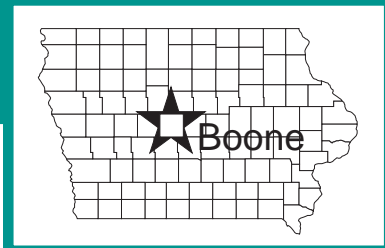


Agricultural Data for Decision Makers



Boone County

Number of Farms

There were 863 farms counted in Boone County in 1997. From 1992 to 1997, the number of farms in Boone County decreased by 7 percent. Over the 28 years from 1969 to 1997, farm numbers in this county declined by 43 percent, faster than the state's decline of 35 percent.

1. Number of farms.

<u>Year</u>	<u>Boone County</u>	<u>State</u>
1997	863	90,792
1992	923	96,534
1987	1,029	105,180
1982	1,153	115,413
1978	1,249	121,339
1974	1,373	126,104
1969	1,507	140,354

Average Farm Size

Farms in Boone County averaged 381 acres in 1997, 38 acres more than the state's average.

2. Average farm size (acres).

<u>Year</u>	<u>Boone County</u>	<u>State</u>
1997	381	343
1992	358	325
1987	327	301
1982	289	283
1978	274	274
1974	257	262
1969	229	239

Farm Land Use

Boone County had 328,906 total acres in farmland in 1997, about the same as in 1992.

3. Land in farms (acres), Boone County.

<u>Year</u>	<u>Total</u>	<u>Crop-land</u>	<u>Wood-land</u>	<u>Other*</u>
1997	328,906	297,488	13,013	18,405
1992	330,080	300,885	13,469	15,726
1987	336,666	302,707	14,365	19,594
1982	333,139	292,241	16,553	24,345

* Includes land in house lots, ponds, etc., and non-crop and non-woodland pasture.

Of the acres harvested in Boone County in 1997, 98 percent were either corn or soybean acres. This was higher than the 93 percent statewide average.

4. Corn and soybean acres as percentages of total acres harvested.

<u>Year</u>	<u>Boone County</u>		<u>State</u>	
	<u>Corn</u>	<u>Soy-beans</u>	<u>Corn</u>	<u>Soy-beans</u>
1997	50	48	50	43
1992	52	46	55	36
1987	46	50	50	39
1982	51	43	53	33
1978	55	39	54	32

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Livestock Profile

Hogs and Pigs

The number of farms selling hogs and pigs in Boone County decreased 50 percent from 1992 to 1997. Over that same period the number of hogs and pigs sold in the county increased by 7 percent. Statewide, the number of farms with hog and pig sales decreased 46 percent while the number of hogs and pigs sold increased 2 percent.

5. Farms selling hogs and pigs and number of hogs and pigs sold, Boone County.

Year	Farms selling	Number sold
1997	117	198,989
1992	233	185,745
1987	270	177,753
1982	362	186,624
1978	449	187,507
1974	521	141,314
1969	787	155,574

Fattened Cattle

The number of farms in Boone County selling fattened cattle decreased 31 percent from 1992 to 1997, while the number of fattened cattle sold decreased 33 percent. Statewide, farms selling decreased by 22 percent and cattle sales dropped by 16 percent over those five years.

6. Farms selling fattened cattle and number of fattened cattle sold, Boone County.

Year	Farms selling	Number sold
1997	69	10,482
1992	100	15,751
1987	172	18,196
1982	243	24,757
1978	268	31,202

(Note: Fattened cattle are defined as cattle fattened on grain or concentrates for 30 days or more and sold for slaughter.)

* Data suppressed to assure confidentiality.

Dairy Cows

The number of farms in Boone County with dairy cows decreased 57 percent from 1992 to 1997 and the number of dairy cows reported decreased 56 percent. Statewide, the number of farms with dairy cows decreased 28 percent and the number of dairy cows dropped 14 percent.

7. Farms with dairy cows and number of dairy cows reported, Boone County.

Year	Farms with Cows	Number of Cows
1997	6	104
1992	14	236
1987	26	552
1982	41	629

Poultry

A small number of farms in Boone County sold chickens in 1997. One farm reported turkey sales.

8. Farms selling poultry and number of poultry sold, Boone County.

Year	Layers		Broilers		Turkeys	
	Farms	No. sold	Farms	No. sold	Farms	No. sold
1997	1	*	7	1,353	1	*
1992	7	*	5	750	3	*
1987	12	224,911	6	3,300	3	*
1982	16	143,300	5	4,524	3	*

Sheep and Lambs

The number of farms in Boone County selling sheep and lambs decreased by 47 percent and there were 54 percent fewer head sold in 1997 than in 1992. Statewide, the number of farms with sheep and lamb sales decreased 36 percent and the number of head sold dropped 46 percent.

9. Farms selling sheep and lambs and number of sheep and lambs sold, Boone County.

Year	Farms Selling	Number Sold
1997	50	1,376
1992	94	2,966
1987	95	3,665
1982	113	3,147

Farm Operator Profile

Age

10. Percentages of farm operators by age group.

Year	Boone County						State					
	34 or under	35 to 44	45 to 54	55 to 64	65 or over	Average age	34 or under	35 to 44	45 to 54	55 to 64	65 or over	Average age
1997	7.5	23.2	26.2	18.5	24.6	52.8	9.9	23.0	23.7	21.1	22.3	52.4
1992	12.6	27.7	19.0	20.8	19.9	50.9	15.9	23.0	20.5	21.6	19.0	50.3
1987	16.7	21.6	18.7	26.9	16.1	50.0	19.3	20.2	20.7	24.0	15.7	49.3
1982	21.0	18.9	20.9	27.9	11.3	48.5	22.5	19.5	22.6	23.9	11.5	47.6
1978	19.9	17.9	27.9	24.4	9.9	47.7	21.1	19.7	25.0	23.9	10.4	47.5

Farm operators in Boone County in 1997 included 7.5 percent under the age of 35 and 24.6 percent 65 years of age or older. The average age of farm operators in Boone County was 52.8 in 1997, which was older than the statewide average.

Principal Occupation

Of the farm operators in Boone County in 1997, 54.1 percent claimed farming as their principal occupation, lower than the 62.9 percent state average.

11. Percentages of farm operators claiming farming as their principal occupation.

Year	Boone County	State
1997	54.1	62.9
1992	61.3	71.7
1987	63.1	73.5
1982	66.1	80.1
1978	63.5	80.8

Days Worked Off Farm

The percentage of farm operators working 200 or more days off the farm in 1997 was greater in Boone County than in the state overall.

12. Percentages of farm operators working 200 or more days off the farm.

Year	Boone County	State
1997	34.2	33.3
1992	30.9	28.3
1987	28.2	26.5
1982	26.4	24.2
1978	26.8	22.2

Tenure and Type of Organization

Full-owner farms are operations where the operator owns all the land he or she operates. Part-owners are those who rent some of the land they operate. Tenants rent all of the land they operate. Compared to the state, Boone County had a lower percentage of farms operated by full-owners.

13. Percentages of farms by tenure.

Year	Boone County			State		
	Full-Owner	Part-Owner	Tenant	Full-Owner	Part-Owner	Tenant
1997	42.1	38.9	19.0	47.3	36.3	16.4
1992	40.6	37.9	21.5	45.1	36.0	18.9
1987	39.1	40.3	20.6	45.9	33.5	20.7
1982	38.6	40.8	20.6	45.9	33.3	20.8
1978	38.4	38.4	23.9	45.9	32.2	21.9

Individual/family operated farms are the most common type of farm organization throughout the state. The percentage of individual/family operated farms in Boone County was lower than the state average in 1997, while the percentage of partnerships was lower also.

14. Percentages of farms by type of organization.

Year	Boone County			State		
	Individual/Family	Part-ner	Other	Individual/Family	Part-ner	Other
1997	74.0	8.8	17.1	83.6	9.1	7.4
1992	78.7	7.9	13.4	84.0	10.4	5.6
1987	81.6	8.3	10.1	84.8	10.5	4.7
1982	84.4	8.4	10.1	84.6	11.4	4.0
1978	86.9	9.4	3.6	85.6	11.8	2.6

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For more information on these and other topics, please call the Extension specialists listed on the cover page or visit the Extension Internet site at <http://www.extension.iastate.edu/>

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Financial Profile

The sale of corn generated the greatest amount of agricultural revenue in Boone County in 1997, followed by soybeans.

15. Market value (\$1,000) of agricultural products sold, Boone County.

Year	Total sales	Hogs and pigs	Cattle and calves	Dairy products	Corn	Soybeans	Other
1997	119,995	22,423	9,773	*	45,960	37,731	4,108
1992	102,944	17,529	15,634	432	36,002	27,857	5,490
1987	91,247	18,559	14,859	517	26,352	25,716	5,244

In Boone County, sale of cattle and calves constituted a smaller percentage of total sales than in the state overall; hogs and pigs made up a smaller percentage of total sales. The sale of corn, soybeans, and hogs and pigs accounted for 88 percent of the dollars from total sales of agricultural products in Boone County in 1997.

16. Percent of total market value by sales of selected agricultural products.

Year	Boone County						State					
	Hogs, pigs	Cattle, calves	Dairy	Corn	Soy-beans	Other	Hogs, pigs	Cattle, calves	Dairy	Corn	Soy-beans	Other
1997	18.7	8.1	*	38.3	31.4	3.4	25.4	15.5	3.4	27.0	23.1	5.6
1992	17.0	15.2	0.4	35.0	27.1	5.3	24.8	22.1	4.2	26.6	17.6	4.7
1987	20.3	16.3	0.6	28.9	28.2	5.7	27.9	23.8	4.4	22.0	17.6	4.3

* Data suppressed to assure confidentiality. Amounts for this category included in 'Other' totals.

Farms in Boone County averaged a net cash return of \$38,566 in 1997, \$5,861 more than the state average. Of the farms in Boone County, 76 percent experienced a net cash gain that year, compared with 66 percent statewide.

17. Average net cash return per farm.

Year	Boone County			State		
	Net Cash Return	Net Gain	Net Loss	Net Cash Return	Net Gain	Net Loss
1997	\$38,566	\$54,092	\$10,326	\$32,705	\$54,248	\$9,348
1992	32,559	46,103	7,493	22,718	37,419	9,381
1987	24,504	34,103	9,409	20,412	31,660	7,521

(Note: Net cash return is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Net cash return is that of the farm unit rather than the net farm income of the operator since sales and expenses of the partners, landlords, and contractors are included.)