

## Reports of the Kansas State Board of Agriculture

### Section 179, Pages 5341 - 5370

These reports by the State Board of Agriculture include the proceedings of the board, reports for the previous year, maps of counties, abstracts of counties, miscellaneous articles, and reports of agricultural societies, the state fair, state and county statistics, agricultural industries and products, the agricultural college, and the Kansas Academy of Science. The annual reports began in 1872 and were succeeded by biennial reports beginning in 1877-78. Volume numbers were discontinued with the 1953-1956 report; the last being volume 44. From 1953 to 1976 the reports drop "biennial" from the title. Annual reports begin again from 1976 to 1984, except 1982-1983 which is biennial. The dates for each report reflects the reporting year and not the publication date, which was usually a year later. The title of each report reflects the form given on the title page. Only volumes 1 (1872), 2 (1873), 3 (1874), 4 (1875), the centennial edition (1875), 5 (1876), 6 (1877-1878), 7 (1879-1880), 10 (1885-1886), 11 (1887-1888), 13 (1891-1892), and 14 (1893-1894) are currently available.

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## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—ANDERSON COUNTY.

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#### HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries .....	34	463
Apple .....	94,230	84,737	Blackberries .....	37	81
Pear .....	1,829	2,007	Strawberries .....	19	554
Peach .....	19,125	18,642			
Plum .....	6,145	7,124	Total .....	90	1,008
Cherry .....	18,410	16,777			
Total .....	139,739	129,287	ARTIFICIAL FOREST.	1887.	1888.
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple .....	94,827	60,194	Walnut .....	38	23
Pear .....	2,791	1,774	Maple .....	265	101
Peach .....	24,186	15,694	Honey locust .....	2	13
Plum .....	4,229	2,283	Cottonwood .....	10	35
Cherry .....	10,096	6,321	Other varieties .....	447	545
Total .....	136,069	86,266	Total .....	762	717
			Acres in nurseries .....	357	709
			Acres in vineyards .....	68	38

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named; also, statistics relating to denominational schools and colleges, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal .....	1	42	1	\$ 1,880
Baptist .....	6	405	3	4,800
Christian .....	3	180	1	2,400
Congregational .....	1	70	1	1,000
Dunkard .....	1	60		
Free Methodist .....	2	23		350
Methodist Episcopal .....	17	1,227	12	24,900
Presbyterian .....	7	300	5	15,000
Roman Catholic .....		1,885	6	
United Presbyterian .....	3	428	3	10,000
Wesleyan Methodist .....	2	90		
Total .....	43	4,710	32	\$60,330

#### DENOMINATIONAL SCHOOLS.

NAME OF ORGANIZATION.	Average yearly attendance.	Average monthly salaries paid teachers.	No. of school buildings.	Value of buildings and other school property.
Parochial school (Catholic) .....	214		5	



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

#### PUBLIC SCHOOLS.

Number of organized districts, 94; school population for 1888, 4,991. Average monthly wages paid teachers: Males, \$44.26; females, \$40.06. Total value of school property in the county, \$90,504.

#### NEWSPAPERS.

*Garnett Weekly Journal* (Democratic). J. T. Highley, publisher, Garnett.  
*The Republican-Plaineater* (Republican). Anderson County Republican Company and Howard M. Brooke, publishers, Garnett.  
*The Garnett Eagle* (Republican). W. A. Trigg, editor, publisher, and proprietor, Garnett.  
*The Greeley News* (Neutral). W. O. Champe, editor, Greeley.  
*The Colony Free Press* (Republican). J. J. Burke, editor, Colony.  
*Westphalia Times* (Independent). Misses Adele D. and Bertie Reed, editors and proprietors, Westphalia.  
*The Kincaid Dispatch* (Republican). J. E. Scruggs and J. G. Cash, publishers, Kincaid.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office Address.	Paid-up capital.	Surplus.
Bank of Colony.....	J. W. Schuessler...	C. Kramer.....	Colony.....	\$ 10,000	\$ 2,500
Bank of Garnett.....	C. Worden.....	J. A. Gilmore...	Garnett.....	100,000	.....
First National Bank.....	.....	John R. Foster...	Garnett.....	75,000	19,000
Bank of Greeley.....	John M. Bowman...	W. G. Roth.....	Greeley.....	25,000	.....
The Citizens' Bank.....	L. Peterson.....	L. N. Harrison...	Greeley.....	50,000	.....
E. Kincaid & Co.....	.....	.....	Kincaid.....	.....	.....

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	S. Durall.....	Garnett.
Treasurer.....	J. M. Herrinan.....	Garnett.
Sheriff.....	G. C. Barrick.....	Garnett.
Clerk District Court.....	W. P. McDonald.....	Garnett.
Probate Judge.....	B. R. Porter.....	Garnett.
Register of Deeds.....	Ed. F. Ewing.....	Garnett.
Attorney.....	Noah L. Bowman.....	Garnett.
Superintendent of Schools.....	Martin Woods.....	Garnett.
Surveyor.....	A. R. Mumaw.....	Garnett.
Coroner.....	D. M. Craig.....	Garnett.
Commissioners.....	Robert Miller.....	Garnett.
	James Black.....	Garnett.
	J. A. Mann.....	Garnett.

#### POST OFFICES.

Central City, Colony, Equity, GARNETT (C. H.), Glenloch, Greeley,	Harris, Haskell, Kincaid, Lone Elm, Mineral Point, Mont Ida,	Northcott, Scipio, Selma, Sugar Valley, Welda, Westphalia.
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## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—ATCHISON COUNTY.

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#### ATCHISON COUNTY.

Organized under the Territorial Government in 1885, and has an area of 423 square miles. It ranks as the ninth county in point of population, and has to each square mile 69.48 persons. It lies in the northeastern part of the State, being the second county south from the State of Nebraska, and having the Missouri river for its eastern boundary. Its county seat is the city of Atchison, ranking fifth in popula-

MAP OF ATCHISON COUNTY, KANSAS, 1888.



#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	* Population.	Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness July 1, 1888.
	1888.	Land.	Personal.	City lots.	Railroad property.		
The county .....	29,390	\$2,048,930	\$1,040,050	\$2,500,390	\$745,560	\$6,394,930	\$290,000
School districts.....							23,100
Benton township.....	1,579	\$367,410	\$41,080	\$18,720	\$ 40,980	\$368,190	.....
Center township .....	1,451	245,530	28,240	6,180	107,951	387,901	.....
Grasshopper township..	1,802	283,090	20,780	24,660	39,427	367,957	.....
Kapioma township.....	1,084	154,820	12,070	5,040	31,430	203,360	.....
Lancaster township.....	1,648	309,850	41,810	19,600	64,466	435,726	15,000
Mt. Pleasant township..	1,816	230,800	19,310	1,180	120,951	362,241	.....
Shannon township.....	2,078	432,610	46,360	41,810	136,400	657,180	.....
Walnut township.....	1,349	184,820	15,450	9,920	116,804	276,994	.....
Atchison city { 1st ward 2,365 2d ward 3,288 3d ward 4,998 4th ward 2,958 5th ward 3,414	17,023	.....	814,950	2,373,380	87,148	3,275,378	739,450
Total .....							\$1,076,550

\* No return for 1887.



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

tion among the cities of the State. The city lies on the Missouri river, north of the center of the county, and commands a large wholesale trade both north and west. The towns of Huron, Lancaster, Monrovia, Effinghain, and Muscotah, while not having large populations, do considerable trade with the surrounding country.

Prominent bluffs occur along the Missouri river, while the remainder of the county is gently undulating. Bottoms average from one-fourth of a mile to a mile and one-half in width, and in the aggregate make 15 per cent. of the county area.

#### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	13,330	199,950	\$129,967 50	15,825	300 675	\$222,499 50
Rye.....bu.	1,932	34,776	13,010 40	2,061	43,281	18 610 83
Spring wheat.....bu.	101	1,010	656 50	6	90	63 00
Corn.....bu.	55,971	1,399,275	489,746 25	58,187	2,327,480	721,518 80
Barley.....bu.	163	3,260	1,304 00	73	2,100	1,050 00
Oats.....bu.	20,875	939,375	234,843 75	20,963	800,713	172,142 60
Buckwheat.....bu.	26	390	222 50	38	684	513 00
Irish potatoes.....bu.	1,734	138,720	104,640 00	1,930	154,400	61,760 00
Sweet potatoes.....bu.	31	3,100	2,325 00	17	1,360	1,360 00
Sorghum.....bu.	89	.....	3,020 00	53	.....	2,120 00
Castor beans.....bu.	1	10	9 00	.....	.....	.....
Cotton.....lbs.	.....	.....	.....	30	9,000	720 00
Flax.....bu.	9,188	73,504	62,478 40	3,440	27,520	24,768 00
Hemp.....lbs.	2	1,400	70 00	21	14,700	735 00
Tobacco.....lbs.	.....	.....	.....	.....	.....	.....
Broom corn.....lbs.	171	102,600	3,591 00	64	44,800	1,568 00
Millet and Hungarian.....tons	1,308	2,616	13,080 00	1,708	3,416	20,496 00
Timothy.....	19,218	.....	.....	23,039	.....	.....
Clover.....	4,741	.....	.....	2,678	.....	.....
Orchard grass.....tons	154	*10,742	75,194 00	126	+ 9,573	57,438 00
Blue grass.....	4,903	.....	.....	3,851	.....	.....
Other tame grasses.....	452	.....	.....	270	.....	.....
Prairie, under fence.....tons	18,795	8,067	56,469 00	15,253	8,027	36,121 50
Total.....	153,275	.....	\$1,190,997 30	149,665	.....	\$1,343,484 23

\*Product of 1886. +Product of 1887.

Wheat on hand—March 1, 1887, 26,387 bushels; March 1, 1888, 34,956 bushels.  
Corn on hand—March 1, 1887, 333,810 bushels; March 1, 1888, 303,697 bushels.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	7,012	\$631,080 00	6,957	\$626,130 00	124	205
Mules and asses.....	1,497	149,700 00	1,509	150,900 00	18	19
Milch cows.....	6,734	134,680 00	7,330	146,600 00	113	139
Other cattle.....	12,376	247,520 00	13,388	267,700 00	236	201
Sheep.....	208	416 00	53	106 00	* 47	* 46
Swine.....	20,441	143,087 00	16,594	132,752 00	8,032	9,319
Total.....	48,268	\$1,306,483 00	45,831	\$1,324,248 00	8,570	9,929

\*Including the number of head killed by dogs.  
Number of dogs in county, March 1, 1887, 2,886.  
Number of dogs in county, March 1, 1888, 2,953.

Herd law, not in force.

## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—ATCHISON COUNTY.

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Timber is found on all of the streams, in belts varying from one-fourth of a mile to a mile and one-half in width. Black walnut, burr-oak, black oak, white oak, hickory, red elm, white elm, and honey locust are the prominent varieties.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	153,275	\$1,190,997 30	149,665	\$1,343,484 23
Animals slaughtered and sold for slaughter.....		395,321 00		423,939 00
Value of the increase in live stock.....		62,820 00		
Wool clip.....lbs.	1,586	285 48	96	17 28
Butter.....lbs.	275,091	44,014 56	316,718	50,674 88
Cheese.....lbs.	945	113 40	700	84 00
Honey and bees-wax.....lbs.	7,940	1,588 75	3,280	656 00
Milk sold.....		15,300 00		53,506 00
Horticultural products marketed.....		21,334 00		15,357 00
Wine manufactured.....gals.	11 905	11 905 00	13,961	13,961 00
Garden products marketed.....		13,709 00		14,437 00
Poultry and eggs sold.....		20,157 00		22,385 00
Wood marketed.....		7,758 00		3,985 00
Total.....		\$1,785,203 49		\$1,942,486 39

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	9	7	27	36	52	46	60	90	43
1888.....	9	9	30	25	57	47	61	98	39

#### HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries.....	70	38
Apple.....	113,904	103,291	Blackberries.....	33	21
Pear.....	797	1,090	Strawberries.....	38	35
Peach.....	18,299	13,189	Total.....	141	94
Plum.....	1,249	1,285			
Cherry.....	13,318	10,751			
Total.....	147,567	129,606	ARTIFICIAL FOREST.	1887.	1888.
			<i>Acres of trees one year old and over.</i>		
<i>Number not in bearing.</i>			Walnut.....	88	53
Apple.....	64,379	57,956	Maple.....	215	130
Pear.....	1,656	750	Honey locust.....	13	14
Peach.....	6,344	8,048	Cottonwood.....	182	114
Plum.....	1,450	1,223	Other varieties.....	7,392	275
Cherry.....	3,012	3,202	Total.....	7,890	586
Total.....	76,241	71,185	Acres in nurseries.....	56	508
			Acres in vineyards.....	213	193



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

Limestone is found in all portions of the county, the best being on the Delaware river and its tributaries. An excellent quality of blue limestone is found, and proves to be very durable for flagging. Stone coal of an inferior quality, though abundant, is reported to underlie the first three stratas of stone.

Springs are abundant in all sections of the county, and well-water is found at an average depth of twenty-five feet. The county is well supplied with small streams, and in addition to the Missouri river, has three streams of considerable importance—the Independence, Delaware, and Stranger rivers.

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed	Total amount paid to wages during the year.	Value of	
						Raw material used.....	Product..
Art material.....	1	\$ 6,000	Hand.	4	\$ 2,400	\$ 10,000	\$ 20,000
Blank books, etc.....	2	8,000	Steam.	10	6,120	11,600	26,000
Brick yard.....	1	5,000	Horse.	12	2,500	1,200	6,000
Broom factory.....	1	600	Hand.	1	400	700	1,200
Canning factory.....	1	5,000	Steam.	500	65,000	25,000	125,000
Carriage works.....	2	15,000	Hand.	15	8,000	11,500	30,000
Cigar factories.....	3	20,000	"	16	9,700	11,700	25,000
Clothing factory.....	1	50,000	Steam.	65	25,000	100,000	142,000
Candy factories.....	2	2,000	Hand.	7	2,600	8,200	24,000
Coopering works.....	1	4,000	"	8	3,500	7,500	12,000
Cracker factory.....	1	60,000	Steam.	9	4,500	29,000	45,000
Flax and excelsior mill.....	1	8,000	"	14	3,000	5,000	12,000
Flouring mills.....	5	379,000	Steam & water.	65	54,000	630,225	846,818
Foundry.....	1	100,000	Steam.	150	65,000	195,000	300,000
Furniture factory.....	1	40,000	"	35	25,000	25,000	75,000
Gas and electric-light plant.....	1	200,000	"	25	12,000	30,000	45,000
General printing and binding.....	1	20,000	"	25	15,600	10,000	30,000
Harness factories.....	2	101,000	"	48	50,900	103,000	158,000
Planing and sash mills.....	3	58,000	Steam & hand.	21	27,800	35,000	90,000
Printing establishment (job).....	1	16,000	Steam.	25	9,000	7,000	25,500
Soda water works.....	1	20,000	"	14	7,000	2,000	12,000
Trunk factory.....	1	5,000	Hand.	3	2,000	3,000	10,000
Tombstone works.....	1	5,000	"	8	5,000	3,000	10,000
Wagon factory.....	1	50,000	"	6	5,000	25,000	40,000
Water works.....	1	160,000	Steam.	7	5,000	6,000	25,000
Total.....	37	\$1,337,000		1,093	\$416,020	\$1,295,625	\$2,135,518

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named; also, statistics relating to denominational schools and colleges, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal.....	2	225	1	\$ 15,000
Baptist.....	9	958	7	63,500
Christian.....	6	500	3	7,000
Congregational.....	4	292	2	22,500
Episcopal.....	1	167	1	27,000
Lutheran.....	2	200	2	14,000
Methodist Episcopal.....	3	515	4	32,700
Presbyterian.....	6	448	4	35,500
Roman Catholic.....		5,275	6	
Total.....	33	8,580	30	\$217,200



## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—ATCHISON COUNTY.

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#### DENOMINATIONAL SCHOOLS.

NAME OF ORGANIZATION.	Average yearly attendance.	Average monthly salaries paid teachers.	No. of school buildings	Value of buildings and other school property.
Midland College (Lutheran).....	100	\$85.00	1	\$50,000
Parochial Schools (Catholic) 3 .....	680	.....	6	.....
Total.....	.....	.....	7	\$50,000

#### PUBLIC SCHOOLS.

Number of organized districts, 82; school population for 1888, 10,494. Average monthly wages paid teachers: Males, \$59; females, \$42. Total value of school property in the county, \$230,000.

#### NEWSPAPERS.

The *Atchison Champion*, daily and weekly (Republican). John A. Martin, proprietor; Alf. H. Martin, business manager, Atchison.

*Atchison Patriot*, daily and weekly (Democratic). C. S. Wilson, editor; R. B. Drury, business manager. Patriot Publishing Company, publishers, Atchison.

*Atchison Globe*, daily and weekly (Independent). Edgar W. Howe & Co., editors and proprietors, Atchison.

The *Atchison Times* (Union Labor). J. A. Sunderland, publisher, Atchison.

The *Messachorean* (Midland College). W. B. Glanding, managing editor, Atchison.

*Muscotah Record* (Republican). L. H. Miller and Charles Miller, editors and proprietors, Muscotah.

The *Effingham Times* (Independent). Wilson Cohoon and Coleman Martin, editors and proprietors, Effingham.

The *Irairie Press* (Democratic). W. C. Adkins, publisher, Lancaster.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Atchison Dime Saving Bk.	W. W. Hetherington	F. H. Wilson.....	Atchison..	\$ 2,000	\$ 1,000
Atchison National Bank..	C. J. Drury.....	M. Barrett.....	Atchison..	50,000	18,000
Atchison Saving Bank....	A. G. Otis.....	R. A. Park.....	Atchison..	100,000	20,000
Atchison State Bank.....	A. D. Cain.....	John M. Cain.....	Atchison..	20,600	.....
Exchange National Bank.	Wm. Hetherington.	W. W. Hetherington	Atchison..	100,000	30,000
First National Bank.....	David Auld.....	J. T. Coplan.....	Atchison..	100,000	100,000
Kan. Trust & Banking Co.	John J. Ingalls....	E. G. Armsby .....	Atchison..	100,000	.....
United States Nat. Bank..	George Storch.....	.....	Atchison..	250,000	.....
Bank of Effingham.....	Gilbert Campbell....	.....	Effingham	10,000	.....
Muscotah Exchange Bank	George Storch.....	W. C. McClain ....	Muscotah..	.....	.....

#### POST OFFICES.

Arrington, Atchison (C. H.), Cummings, Eden, Effingham, Farmington,	Good Intent, Huron, Ivermay, Kennekuk, Lancaster, Monrovia,	Muscotah, Oak Mills, Pardee, Parrell, Shannon, Potter.
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## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	Chas. H. Krebs.....	Atchison.
Treasurer.....	T. J. Emlen.....	Atchison.
Sheriff.....	J. H. Barry.....	Atchison.
Clerk District Court.....	John Moore.....	Atchison.
Probate Judge.....	J. J. Boyd (elected Nov. 6, '88).....	Atchison.
Register of Deeds.....	L. C. Sceva.....	Atchison.
Attorney.....	Preston W. Bean (elected Nov. 6, '88).....	Atchison.
Superintendent of Schools.....	D. J. Clifford.....	Atchison.
Surveyor.....	J. W. Orr.....	Atchison.
Coroner.....	T. M. Pierce (elected Nov. 6, '88).....	Atchison.
Commissioners.....	Geo. A. Ward.....	Atchison.
	John Klopfenstein (elected Nov. 6, '88).....	Atchison.
	Fred Giddings.....	Atchison.
	Dr. F. M. Loper.....	Atchison.
	L. Kiper.....	Atchison.
	I. B. Wilcox (re-elected Nov. 6, '88).....	Muscotah.
	A. J. Rice.....	Effingham.

### BARBER COUNTY.

Was organized in 1873. It is situated in the south central portion of the State, bordering on the Indian Territory on the south. It has 1,134 square miles, and is the seventieth county in population, and has 6.77 people to the square mile. The city of Medicine Lodge, situated north and east of the center, is the county seat, having a population of 874. The city of Kiowa, lying in the southeastern portion, is an important point for the shipping of cattle.

### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness July 1, 1888.
	† 1887.	1888.	Land.	Person'l	City lots.	Railroad prop'ry		
The county .....	10,465	7,682	\$2,059,983	\$425,099	\$597,383	\$240,344	\$3,322,809	\$380,723
School districts.....								78,879
Aetna township.....		288	\$177,445	\$ 9,440	\$ 4,520		\$191,405	
Cedar township.....		310	82,946	16,175		\$ 7,352	106,473	
Deer Head township.....		232	96,360	9,800	340		106,500	
Eagle township.....		439	162,670	15,770			178,440	
Elm Mills township.....		331	113,730	14,280			128,010	
Elwood township.....	1,232	251	155,480	19,765	5,670		180,915	
Hazleton city.....	593	257						
Hazleton township.....		343	78,414	37,750	55,161	30,040	210,365	
Kiowa city.....	1,019	714						
Kiowa township.....	1,508	357	190,701	79,080	247,325	82,907	600,013	25,000
Lake City township.....		1,022	63,360	19,720	16,574		99,654	
McAdoo township.....			52,150	6,715			58,865	
Medicine Lodge city.....	1,226	874						
Medicine Lodge tw'p.....	2,144	680	290,180	122,725	239,186	47,790	699,871	25,000
Mingona township.....			441	103,790	14,390	2,930	121,110	
Nippawalla township.....			422	111,360	13,990		125,350	
Sharon township.....		896	712	160,727	13,775	8,624	32,734	215,800
Sun City township.....		915	225	72,250	13,286	13,893	99,429	
Turkey Creek tow'p.....			173	65,480	13,163		78,643	
Valley township.....		258	82,940	5,185	3,160	30,531	121,816	
Total .....								\$509,602

† Returns for 1886; no enumeration taken in 1887.



## Reports of the Kansas State Board of Agriculture

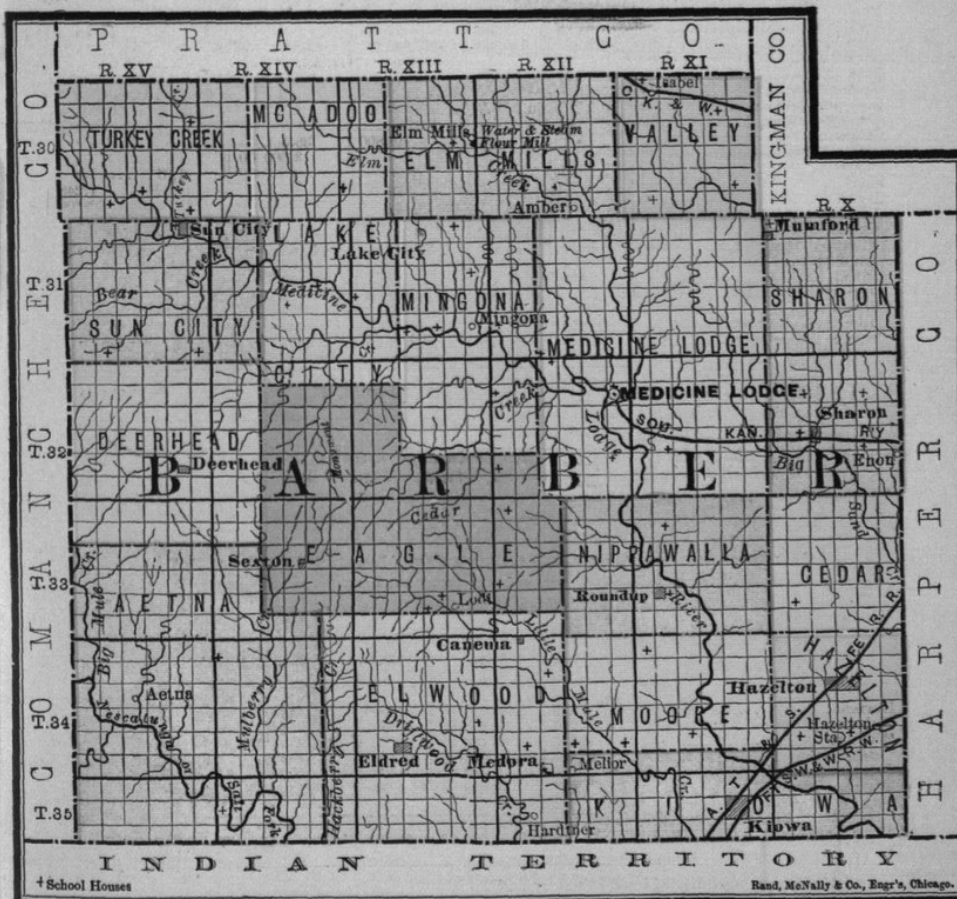
### SIXTH BIENNIAL REPORT—BARBER COUNTY.

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The surface of the eastern half of the county is undulating, some portions being nearly level; the western half is broken and bluffy along the streams. Bottom-lands in the eastern portion vary from one-half mile to two miles in width, while they are much narrower in the western half. The proportion of bottom-land is about 40 per cent. of the total area of the county.

Timber belts average one-half mile in width, and contain the following varieties: Walnut, elm, cottonwood, hackberry, ash, mulberry, cedar, and willow.

MAP OF BARBER COUNTY, KANSAS, 1888.



The county is well supplied with streams, all having a southeastern course—the principal of which is the Medicine Lodge river, flowing across the county diagonally from the northwest to the southeast. Springs are abundant and well-water is reached at an average depth of ten feet on the bottom-lands. A poor quality of soft, red sandstone is abundant on high lands along the streams. An excellent quality of fire-clay is found in several localities from eight to twenty-five feet below the surface. A good bed of clay for brick-making has been found on the Medicine river near the city of Medicine Lodge, and a light-colored stone, resembling limestone, in the central portion of the county. Gypsum is abundant in the central and west portions.



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

#### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	1,600	16,000	\$ 9,600 00	4,405	70,480	\$ 63,432 00
Rye.....bu.	218	2,616	1,308 00	529	7,935	5,951 25
Spring wheat.....bu.	3	30	18 00	9	90	55 80
Corn.....bu.	22,249	444,980	177,992 00	39,887	997,175	349,011 25
Barley.....bu.						
Oats.....bu.	5,115	153,450	46,035 00	8,424	168,480	50,544 00
Buckwheat.....bu.				6	60	45 00
Irish potatoes.....bu.	610	48,800	36,600 00	427	42,700	42,700 00
Sweet potatoes.....bu.	56	5,600	3,360 00	137	41,100	41,100 00
Sorghum.....bu.	1,670		16,700 00	1,811		21,725 00
Castor beans.....bu.	36	432	888 80	104	1,248	1,248 00
Cotton.....lbs.	147	36,750	2,940 00	142	42,600	3,408 00
Flax.....bu.	167	1,670	1,419 50	553	5,530	4,977 00
Hemp.....lbs.				7	4,900	245 00
Tobacco.....lbs.				2	1,200	120 00
Broom corn.....lbs.	210	126,000	4,410 00	220	88,000	3,080 00
Millet and Hungarian.....tons	8,650	17,300	86,500 00	5,963	11,926	59,630 00
Timothy.....	7			60		
Clover.....	30			225		
Orchard grass.....tons		* 440	2,200 00	24	† 924	5,544 00
Blue grass.....	2			4		
Other tame grasses.....	254			149		
Prairie, under fence.....tons	29,405	11,912	47,648 00	30,494	9,838	39,352 00
Total.....	70,429		\$437,119 30	93,582		\$692,168 80

\* Product of 1886. † Product of 1887.

Wheat on hand—March 1, 1887, 2,376 bushels; March 1, 1888, 503 bushels.

Corn on hand—March 1, 1887, 114,372 bushels; March 1, 1888, 29,160 bushels.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	3,847	\$346,230 00	4,737	\$426,330 00		139
Mules and asses.....	705	76,600 00	803	80,300 00		18
Milk cows.....	4,259	85,180 00	5,054	101,080 00	193	148
Other cattle.....	15,998	319,960 00	21,799	435,980 00	743	254
Sheep.....	3,330	6,660 00	2,503	5,006 00	* 95	* 52
Swine.....	5,087	39,809 00	5,506	44,528 00	399	978
Total.....	33,887	\$874,439 00	40,462	\$1,093,224 00	1,437	1,589

\* Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 1,721.

Number of dogs in county, March 1, 1888, 1,120.

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	63	47	71	69	65	67	57	42	69
1888.....	70	45	61	53	63	66	44	37	70

Herd law, not in force.

## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BARBER COUNTY.

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#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	70,429	\$437,119 30	93,582	\$692,168 30
Animals slaughtered and sold for slaughter.....		123,832 00		119,884 00
Value of the increase in live stock.....		8,373 00		218,098 00
Wool clip.....lbs.	12,000	2,160 00	9,000	1,620 00
Butter.....lbs.	127,927	20,468 32	125,332	22,739 76
Cheese.....lbs.	50	6 00	1,170	140 40
Honey and bees-wax.....lbs.		1,480 00		2,768 00
Milk sold.....		205 00		100 00
Horticultural products marketed.....		152 00	60	60 00
Wine manufactured.....gals.	152	4,255 00		3,214 00
Garden products marketed.....		10,779 00		7,739 00
Poultry and eggs sold.....		4,448 00		2,962 00
Wood marketed.....				
Total.....		\$613,277 62		\$1,065,893 46

#### HORTICULTURE, ETC.

FRUIT TREES.	1887.		SMALL FRUITS—ACRES.	1887.	
	1887.	1888.		1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries.....	6	38
Apple.....	2,128	3,541	Blackberries.....	5	16
Pear.....	542	1,057	Strawberries.....	3	10
Peach.....	18,820	37,229	Total.....	14	64
Plum.....	345	339			
Cherry.....	796	1,136			
Total.....	22,631	43,302			
			ARTIFICIAL FOREST.	1887.	1888.
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple.....	53,144	44,468	Walnut.....	6,190	71
Pear.....	3,876	1,944	Maple.....	5,340	23
Peach.....	78,865	65,285	Honey locust.....	179	21
Plum.....	2,669	2,162	Cottonwood.....	17,318	230
Cherry.....	3,344	3,970	Other varieties.....	18,146	104
Total.....	141,398	117,829	Total.....	47,173	449
			Acres in nurseries.....	364	249
			Acres in vineyards.....	6	37

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive Power.....	Average No. of hands employed.....	Value of	
					Raw material used.....	Product.....
Flouring mill.....	1	\$15,000	Steam.	4	\$2,000	\$1,370
Total.....	1	\$15,000		4	\$2,000	\$1,370



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
Baptist .....	2	34	2	.....
Christian .....	3	215	2	\$3,000
Congregational .....	1	26	1	1,000
Free Methodist .....	2	19	.....	.....
Methodist Episcopal .....	6	454	3	8,500
Presbyterian .....	1	63	1	4,000
Roman Catholic .....	2	73	.....	.....
Total .....	17	886	7	\$17,500

#### PUBLIC SCHOOLS.

Number of organized districts, 91; school population for 1888, 3,173. Average monthly wages paid teachers: Males, \$39.69; females, \$34. Total value of school property in the county, \$87,935.

#### NEWSPAPERS.

*Medicine Lodge Cresset* (Republican). L. M. Axline, editor, publisher, and proprietor, Medicine Lodge.

The *Barber County Index* (Democratic). E. P. Caruthers, editor and proprietor, Medicine Lodge.

The *Hazleton Express* (Republican). W. A. E. Adams, editor and publisher, Hazleton.

The *Kiowa Herald* (Democratic). J. E. Hall, editor and publisher, Kiowa.

The *Kiowa Journal* (Republican). W. C. Charles and D. A. Woodworth, editors and publishers, Kiowa.

The *Union* (Democratic). J. D. Youart and C. W. Owens, editors and proprietors, Sun City.

*Lake City Bee* (Independent). A. B. Hoffman, editor and proprietor, Lake City.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Hazleton .....	.....	Horace B. Steck	Hazleton .....	\$50,000	.....
Bank of Kiowa .....	A. Drumm	J. L. B. Ellis	Kiowa .....	25,000	\$10,000
Citizens' National Bank .....	C. Q. Chandler	T. C. Molloy	Medicine Lodge	50,000	25,000

LIST of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk .....	W. T. Rouse .....	Medicine Lodge.
Treasurer .....	E. B. Peck .....	Medicine Lodge.
Sheriff .....	Geo. W. Stevens .....	Medicine Lodge.
Clerk District Court .....	Frank Holmes .....	Medicine Lodge.
Probate Judge .....	Loren Edwards .....	Medicine Lodge.
Register of Deeds .....	J. P. Hall .....	Medicine Lodge.
Attorney .....	R. A. Cameron .....	Medicine Lodge.
Superintendent of Schools .....	H. S. Landis .....	Medicine Lodge.
Surveyor .....	D. J. Aber .....	Medicine Lodge.
Coroner .....	Wm. H. Moore .....	Medicine Lodge.
Commissioners .....	John McGrath .....	Medicine Lodge.
	W. W. Standiford .....	Medicine Lodge.
	John D. Fleming .....	Lake City.



## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BARTON COUNTY.

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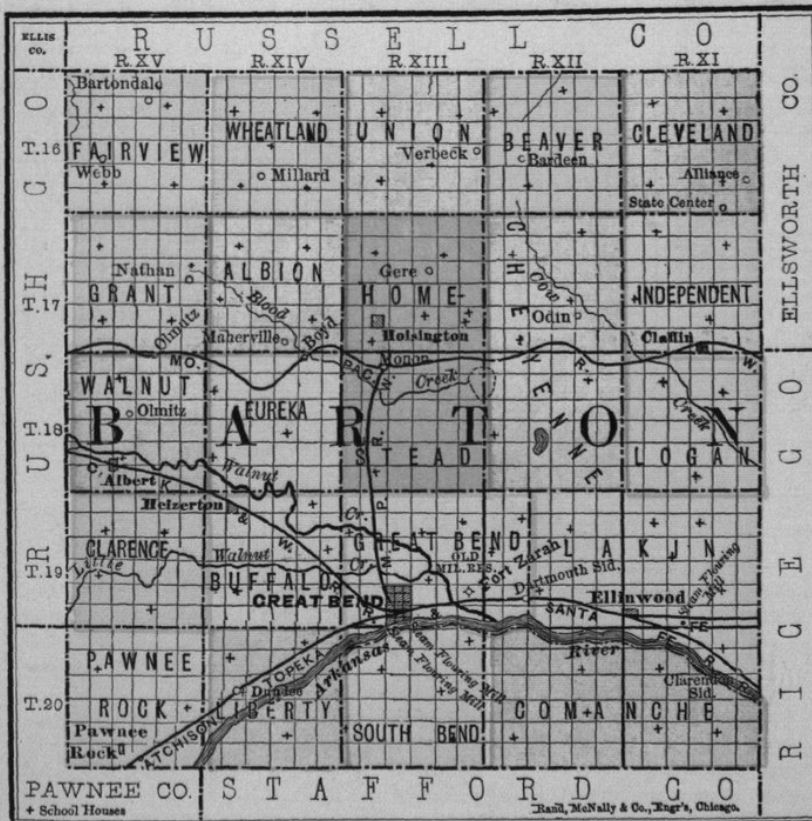
#### POST OFFICES.

Etna, Amber, Canema, Deerhead, Eldred, Elm Mills, Enon,	Hardtner, Hazleton, Isabel, Kiowa, Lake City, Lodi, MEDICINE LODGE (C. H.),	Melior, Mingona, Mumford, Roundup, Sexton, Sharon, Sun City.
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#### BARTON COUNTY.

It was organized in 1872, and has an area of 900 square miles. It ranks as the forty-eighth county in population, and has 15.72 persons to the square mile. It is

MAP OF BARTON COUNTY, KANSAS, 1888.



located about midway of the State, north and south, and the next county west of the central county. The county seat is the city of Great Bend, situated on the Arkansas river, in the south central portion, and has a population of 3,343, ranking as the twenty-ninth city in size in the State.



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

The towns of Ellinwood and Pawnee Rock, situated in the southeastern and southwestern portions respectively, have a large and growing trade with the surrounding country.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Person'l	City lots.	Railro'd prop'ty.		
The county.....	13,687	14,148	\$1,297,655	\$443,935	\$567,808	\$650,280	\$2,959,687	\$35,000
School districts.....								45,874
Albion township.....	413	392	\$ 46,997	\$ 8,270		\$ 8,860	\$ 64,127	7,000
Beaver township.....	360	351	42,052	3,402	\$ 480		45,934	
Buffalo township.....	564	507	67,955	17,780	2,355	36,190	124,280	
Cheyenne township..	604	740	75,347	8,485		20,860	113,692	
Clarence township..	383	416	57,688	14,302			72,080	
Cleveland township..	355		41,655	5,098			46,753	
Comanche township..	731	747	68,435	16,475			84,970	
Eureka township....	395	396	51,335	7,188		27,600	86,023	12,000
Fairview township..	247	331	38,709	12,351			50,970	
Grant township.....	339	384	44,135	4,000			48,135	13,000
Great Bend towns'p.	506	470	104,890	20,357	4,237	127,128	236,512	56,463
Homestead towns'p.	631	725	91,082	28,803	15,962	56,031	191,978	19,000
Independent towns'p	444	503	48,005	10,950	6,565	11,430	76,950	9,200
Ellinwood city.....	725	680	126,020	51,975	57,670	156,720	392,385	11,000
Lakin township.....	942	888						
Liberty township....	490	455	58,475	11,671		71,520	141,666	
Logan township.....	559	518	56,300	8,905		18,720	83,885	
Pawnee Rock tow'p.	713	730	65,145	19,161	30,026	43,330	147,662	5,000
South Bend towns'p.	342	396	64,048	8,782			72,830	1,237
Union township.....	286	274	42,134	7,614			49,748	
Walnut township....	412	541	58,412	10,684	12,306	40,130	130,632	12,000
Wheatland towns'p.	358	361	48,916	8,232			57,148	
Great Bend city.....	2,958	3,343		159,450	448,117	13,770	621,337	58,000
Total .....								\$284,774

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed.	Total amount paid in wages during the year.	Value of	
						Raw material used.....	Product .....
Flouring mills.....	4	\$154,000	Steam.	20	\$12,500	\$302,000	\$400,000
Total .....	4	\$154,000		20	\$12,500	\$302,000	\$400,000

The south half portion of the surface of the county is level, while the north half is higher and somewhat broken. Bottoms on the Arkansas river and Walnut creek average from two to seven miles in width. The proportion of bottom-land to upland is about 40 per cent. Narrow belts of the following varieties of timber are found along all the streams: Cottonwood, ash, box-elder, hackberry, elm, willow, walnut, and some mulberry. Timber is cultivated in all portions of the county. A good quality of magnesian limestone is quarried in the northern portion of the county, and sandstone of an inferior quality in the southern. Fire-clay is found in the northern half of the county, and three and one-half miles north of Great Bend it has been found in veins of from fifteen to eighteen feet thick.



## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BARTON COUNTY.

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Salt marshes and springs are met with in the central portion, and salt beds south of the center, and north of the Arkansas river. Three and one-half miles northeast of the city of Great Bend, there is a flowing well of salt water, and a bed of rock salt of excellent quality has been drilled to the depth of 100 feet. The Arkansas river traverses the southern portion of the county. There are several minor streams of but little importance. Springs are not abundant, although well-water is easily obtained at a depth of ten feet on the bottoms.

### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat .....	bu. 44 101	441,010	\$242,555 50	43,840	613,760	\$448,044 80
Rye .....	bu. 4,265	51,180	25,590 00	6,708	93,912	34,747 44
Spring wheat .....	bu. 887	13,305	7,317 75	147	1,470	882 00
Corn .....	bu. 14,947	224,205	89,682 00	14,791	443,730	168,617 40
Barley .....	bu. 3,714	74,280	29,712 00	113	2,260	904 00
Oats .....	bu. 12,244	306,100	91,830 00	12,836	179,704	57,505 28
Buckwheat .....	bu. 891	13,365	10,023 75	6	60	45 00
Irish potatoes .....	bu. 1,362	108,960	81,720 00	1,033	67,145	63,787 75
Sweet potatoes .....	bu. 84	8,400	6,300 00	30	3,000	3,000 00
Sorghum .....	bu. 754	230	7,540 00	792	400	26,308 00
Castor beans .....	bu. 23	1,500	130 00	40	24	400 00
Cotton .....	lbs. 6	10	8 50	3	24	21 60
Flax .....	bu. 1	1,300	130 00	1	600	60 00
Hemp .....	lbs. 2	162,000	5,670 00	65	45,500	1,592 50
Tobacco .....	lbs. 270	8,004	25,812 00	3,566	7,132	32,094 00
Broom corn .....	tons 4,302			40		
Millet and Hungarian .....	tons 77			152		
Timothy .....	122	* 547	3,282 00	20	+ 444	2,064 00
Clover .....	23			10		
Orchard grass .....	53			34,291	28,492	121,091 00
Blue grass .....	46					
Other tame grasses .....	32,561	32,724	130,896 00			
Prairie, under fence .....						
Total .....	120,735		\$758,886 50	118,484		\$961,764 77

\* Product of 1888. + Product of 1887.

Wheat on hand—March 1, 1887, 101,952 bushels; March 1, 1888, 24,522 bushels.  
Corn on hand—March 1, 1887, 379,339 bushels; March 1, 1888, 60,138 bushels.

### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses .....	6,618	\$595,620 00	6,597	\$593,730 00	283	165
Mules and asses .....	860	86,000 00	836	83,600 00	35	8
Milch cows .....	6,771	135,420 00	6,313	126,260 00	122	82
Other cattle .....	17,026	358,520 00	17,689	353,780 00	546	543
Sheep .....	4,928	9,856 00	3,029	6,058 00	* 2,778	* 8
Swine .....	17,094	119,658 00	12,855	102,840 00	3,061	1,004
Total .....	54,197	\$1,305,074 00	47,319	\$1,266,268 00	6,825	1,900

\* Including the number of head killed by dogs.  
Number of dogs in county, March 1, 1887, 2,021.  
Number of dogs in county, March 1, 1888, 1,826.

Herd law, in force.



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	120,735	\$758,386 50	118,484	\$961,764 77
Animals slaughtered and sold for slaughter.....		165,034 00		192,392 00
Value of the increase in live stock.....		130,079 00		
Wool clip.....lbs.	17,381	3,128 58	18,070	3,252 60
Butter.....lbs.	259,412	38,911 80	269,387	48,489 66
Cheese.....lbs.	3,832	459 84	9,620	1,154 40
Honey and bees-wax.....lbs.	35	7 00		
Milk sold.....		2,896 00		70 00
Horticultural products marketed.....		96 00		10,360 00
Wine manufactured.....gals.	150	150 00	125	125 00
Garden products marketed.....		5,293 00		4,153 00
Poultry and eggs sold.....		28,001 00		31,261 00
Wood marketed.....		580 00		175 00
Total.....		\$1,133,022 72		\$1,253,197 43

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Asses- ed val- uation	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	51	53	55	1	44	54	50	31	52
1888.....	48	52	54	3	46	55	51	33	54

#### HORTICULTURE, ETC.

FRUIT TREES.		1887.	1888.	SMALL FRUITS—ACRES.		1887.	1888.
<i>Number of trees in bearing.</i>				Raspberries.....		436	22
Apple.....		5,652	7,705	Blackberries.....		14	180
Pear.....		220	342	Strawberries.....		10	219
Peach.....		19,975	18,128	Total.....		490	421
Plum.....		3,570	2,660				
Cherry.....		3,639	4,206				
Total.....		33,256	33,041	ARTIFICIAL FOREST.		1887.	1888.
				<i>Acres of trees one year old and over.</i>			
				Walnut.....		325	226
<i>Number not in bearing.</i>				Maple.....		34	23
Apple.....		45,081	38,395	Honey locust.....		155	77
Pear.....		1,745	1,731	Cottonwood.....		809	606
Peach.....		31,673	16,115	Other varieties.....		1,018	667
Plum.....		5,814	5,345	Total.....		2,341	1,599
Cherry.....		13,508	12,246				
Total.....		97,821	73,892	Acres in nurseries.....		169	76
				Acres in vineyards.....		29	23

## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BARTON COUNTY.

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#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named; also, statistics relating to denominational schools and colleges, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal.....	1	43	1	\$ 600
Baptist.....	7	132		
Christian.....	5	280		
Congregational.....	1	158	1	4,500
Dunkard.....	1	50		
Episcopal.....	1	15		
Lutheran.....	3	70	1	2,000
Methodist Episcopal.....	8	475	7	17,600
Presbyterian.....	4	180	3	12,000
Roman Catholic.....	7	2,450	7	22,000
Total.....	38	3,853	20	\$58,700

#### DENOMINATIONAL SCHOOLS.

NAME OF ORGANIZATION.	Average yearly attendance.	Average monthly salaries paid teachers.	No. of school buildings.	Value of buildings and other school property.
Parochial schools (Catholic) 3.....	155	\$100	3	\$3,800

#### PUBLIC SCHOOLS.

Number of organized districts, 99; school population for 1888, 5,024. Average monthly wages paid teachers: Males, \$40.50; females, \$36.57. Total value of school property in the county, \$62,205.

#### NEWSPAPERS.

The *Great Bend Register* (Republican). R. A. Charles, editor; E. L. Chapman, proprietor, Great Bend.  
*Great Bend Tribune* (Republican). C. P. Townsley, editor and proprietor, Great Bend.  
*Barton County Democrat* (Democratic). Will. E. Stoke, editor, Great Bend.  
*The Ellinwood Advocate* (Democratic). J. D. Quillen, editor, Ellinwood.  
*Pawnee Rock Leader* (Republican). J. D. Welch, editor, publisher, and proprietor, Pawnee Rock.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Claflin.....	H. W. Bockemöhle	J. R. Cannon.....	Claflin.....	\$25,000	
Bank of Ellinwood.....	D. N. Heizer.....	S. B. Deupree.....	Ellinwood..	10,000	
Farmers' & Merchants' B'k	J. W. Rush.....	G. H. Young.....	Great Bend..	50,000	\$ 7,000
First National Bank.....	J. V. Brinkman.....	C. M. Wickwire.....	Great Bend..	50,000	15,000
J. V. Brinkman & Co.....	A. J. Hoisington..	A. S. Cooke.....	Great Bend..		
Hoisington State Bank.....	J. W. Ratcliffe..	W. S. Ratcliffe..	Hoisington..	10,000	
Pawnee Rock Bank.....			Pawnee Rock	12,000	



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

List of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	D. R. Jones.....	Great Bend.
Treasurer.....	L. M. Krause.....	Great Bend.
Sheriff.....	F. D. Wilson.....	Great Bend.
Clerk District Court.....	W. R. Bunting.....	Pawnee Rock.
Probate Judge.....	B. F. Ogle.....	Great Bend.
Register of Deeds.....	F. G. Strothman.....	Great Bend.
Attorney.....	Elerick Cole.....	Great Bend.
Superintendent of Schools.....	William Grant.....	Ellinwood.
Surveyor.....	Bernard Mackey.....	Great Bend.
Coroner.....	S. J. Shaw.....	Great Bend.
Commissioners.....	Henry Schwier.....	Great Bend.
	G. N. Moses.....	Great Bend.
	H. Langfield.....	Ellinwood.

### POST OFFICES.

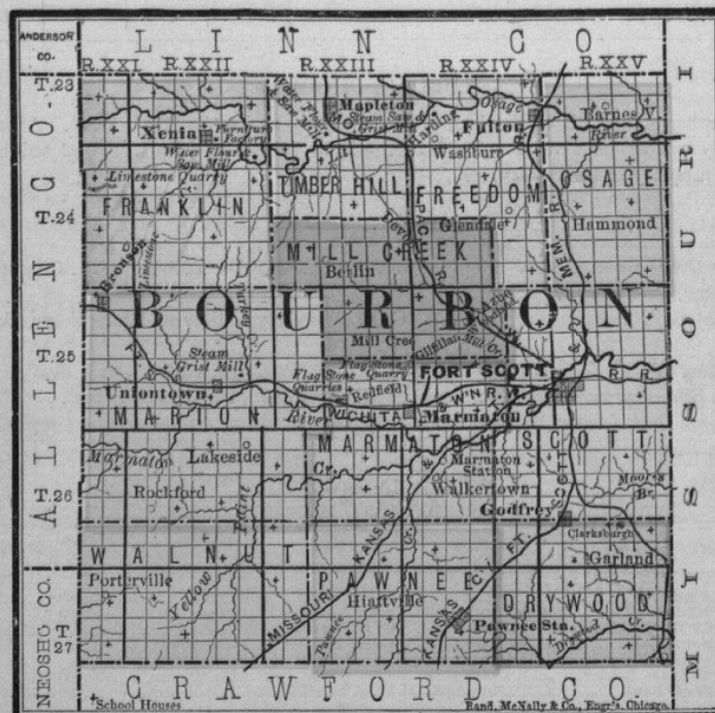
Albert,  
Bartondale,  
Clafin,  
Dundee,  
Ellinwood,  
GREAT BEND (C. H.),

Heizerton,  
Hoisington,  
Maherville,  
Millard,  
Odin,  
Olmitz,

Pawnee Rock,  
State Center,  
Verbeck,  
Webb.

### BOURBON COUNTY.

MAP OF BOURBON COUNTY, KANSAS, 1888.





## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BOURBON COUNTY.

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The third county north from the southern line of the State, and a member of the eastern tier of counties bordering on the State of Missouri.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Person'l.	City lots.	Railroad prop'ty.		
The county.....	27,254	32,024	\$2,137,226	\$1,175,100	\$1,508,574	\$872,354	\$5,693,254	\$219,200
School districts.....								20,460
Drywood township.....	1,447	1,416	\$141,891	\$ 37,460	\$ 7,380	\$ 97,157	\$283,888	
Franklin township.....	1,507	1,300	203,223	54,085	1,362		258,670	
Fulton city.....	499 } 1,444	488 } 1,391	154,802	67,160	27,840	44,602	294,404	
Freedom township.....	915 }	903 }	275,011	105,205	47,690	70,659	498,565	10,000
Marion township.....	2,601	2,574	191,900	46,410	5,880	117,425	361,015	
Marmaton township.....	1,378	1,216	185,725	29,985	2,583	33,996	251,689	8,000
Mill Creek township.....	1,157	1,205	157,825	77,350	1,200	72,338	308,733	
Osage township.....	1,201	1,070	125,884	33,760	11,175	69,441	270,260	
Pawnee township.....	1,117	2,803	443,900	123,915	16,449	235,021	799,285	10,000
Scott township.....	2,451	1,085	103,570	26,480	9,015	25,542	164,607	10,000
Timberhill township.....	1,231	910	154,035	41,690		28,674	224,459	
Walnut township.....	1,000	3,076						
Fort Scott city.....	1st ward 1,741 2d ward 1,530 3d ward 4,062 4th ward 2,967	2,913 6,102 4,066	16,159	531,600	1,358,000	73,075	1,987,673	283,000
Total.....								\$540,660

#### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	1,422	21,330	\$ 13,864 50	751	13,518	\$ 11,760 66
Rye.....bu.	194	2,328	1,164 00	123	1,722	947 10
Spring wheat.....bu.						
Corn.....bu.	74,052	1,629,144	651,657 60	79,377	2,778,195	777,894 60
Barley.....bu.						
Oats.....bu.	19,151	574,530	143,632 50	16,034	689,462	151,681 64
Buckwheat.....bu.	6	90	67 50	12	180	135 00
Irish potatoes.....bu.	1,155	92,400	69,300 00	1,077	134,625	74,043 75
Sweet potatoes.....bu.	44	4,400	3,300 00	33	9,275	9 275 00
Sorghum.....bu.	559		32,425 00	1,056		39,972 00
Castor beans.....bu.	1,341	18,774	16,896 60	463	6,945	6,945 00
Cotton.....lbs.						
Flax.....bu.	4,770	47,700	40,545 00	5,129	56,419	50,777 10
Hemp.....lbs.						
Tobacco.....lbs.	3	1,800	180 00	6	3,600	360 00
Broom corn.....lbs.	247	148,300	5,187 00	39	31,200	1,092 00
Millet and Hungarian.....tons	7,485	14,970	44,910 00	8,407	16,814	67,256 00
Timothy.....tons	10,503			10,587		
Clover.....tons	3,396			2,190		
Orchard grass.....tons	389	*13,528	81,168 00	460	+ 9,219	55,314 00
Blue grass.....tons	405			628		
Other tame grasses.....tons	1,418			1,441		
Prairie, under fence.....tons	53,705	32,193	128,772 00	46,026	33,576	839,40 00
Total.....	180,215		\$1,233,069 70	173,859		\$1,331,393 85

\* Product of 1886. + Product of 1887.

Wheat on hand—March 1, 1887, 3,196 bushels; March 1, 1888, 2,142 bushels.  
Corn on hand—March 1, 1887, 293,833 bushels; March 1, 1888, 164,418 bushels.



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

It has a population of 32,024, and ranks as the sixth county in point of population, and has an area of 637 square miles. There are to each square mile 50.27 persons. The city of Fort Scott is the county seat, having a population of 16,159, and ranks as the sixth city in the State. It is situated in the east central portion of the county and is the centre of a large railroad system. It is an important trading and manufacturing point and commands an extensive trade for many miles south and west.

There are numerous streams and springs in all portions of the county. The Little Osage and Marmaton rivers are the principal streams.

#### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	9,789	\$881,010 00	9,990	\$899,100 00	205	167
Mules and asses.....	1,411	141,100 00	1,338	133,800 00	16	21
Milch cows.....	10,712	214,240 00	10,730	214,600 00	200	200
Other cattle.....	18,480	369,600 00	20,251	405,020 00	1,001	465
Sheep.....	664	1,328 00	642	1,284 00	* 7	* 18
Swine.....	23,129	161,903 00	17,530	140,240 00	1,487	768
Total.....	64,185	\$1,769,181 00	60,481	\$1,794,044 00	2,916	1,639

Herd law, not in force.

\*Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 2,449.

Number of dogs in county, March 1, 1888, 2,449.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending, March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops..... acres	180,215	\$1,233,069 70	173,859	\$1,331,393 85
Animals slaughtered and sold for slaughter.....		425,839 00		394,762 00
Value of the increase in live stock.....		8,839 00		1,734 00
Wool clip..... lbs.	803	144 54	1,295	233 10
Butter..... lbs.	431,393	64,708 95	394,157	59,123 55
Cheese..... lbs.			145	17 40
Honey and bees-wax..... lbs.	20,370	4,077 30	5,411	1,082 20
Milk sold.....		21,504 00		22,835 00
Horticultural products marketed.....		21,430 00		23,906 00
Wine manufactured..... gals.	834	834 00	227	227 00
Garden products marketed.....		13,874 00		19,177 00
Poultry and eggs sold.....		23,843 00		25,353 00
Wood marketed.....		1,688 00		2,189 00
Total.....		\$1,819,851 49		\$1,881,963 10

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	11	8	25	81	34	21	37	79	35
1888.....	6	10	34	84	40	24	31	79	32



## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BOURBON COUNTY.

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#### HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries.....	81	76
Apple.....	106,792	158,469	Blackberries.....	94	86
Pear.....	4,282	4,190	Strawberries.....	58	48
Peach.....	21,582	18,591	Total.....	233	210
Plum.....	5,445	5,544			
Cherry.....	27,792	24,184			
Total.....	225,893	210,978			
			ARTIFICIAL FOREST.	1887.	1888.
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple.....	112,637	99,176	Walnut.....	29	16
Pear.....	4,145	3,101	Maple.....	48	27
Peach.....	12,293	10,401	Honey locust.....	2	4
Plum.....	8,157	7,332	Cottonwood.....	2	57
Cherry.....	8,501	5,955	Other varieties..	2	
Total.....	145,733	125,865	Total.....	83	104
			Acres in nurseries.....	201	354
			Acres in vineyards.....	67	56

Timber belts average one-half mile in width, and contain all the principal native varieties found in Kansas.

The general surface of the county is gently undulating. Bottom-lands comprise about 30 per cent. of the county area, and average, on the rivers and larger creeks, one mile in width.

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of estab- lishments.....	Amount of cap- ital invested.....	Motive power.....	Average No. of hands employed.	Total amount paid in wages during the year.	Value of	
						Raw material used.....	Product..
Baking powder works.....	1	\$ 25,000	Steam.	12	\$ 3,600	\$15,000	\$ 25,000
Book and job printing.....	1	50,000	"	50	30,000	25,000	75,000
Brick and tile works.....	1	50,000	Hand.	80	20,000	8,000	40,000
Butter and cheese factory.....	1	6,000	Steam.	8	6,000	6,000	20,000
Candy factory.....	1	5,000	"	10	6,000	7,000	15,000
Carriage works.....	12	46,000	Hand.	26	20,000	50,000	120,000
Cement and tiling.....	1	50,000	Steam.	65	19,500	13,300	60,000
Flagstone quarries.....	12	80,000	"	79	51,000	6,000	87,000
Flouring mills.....	12	54,000	"	16	9,040	65,000	108,000
Foundry and machine works.....	1	100,000	"	107	52,000	10,000	150,000
Furniture factory.....	1	30,000	"	35	25,000	30,000	100,000
Gas works.....	1	100,000	"	12	12,000	12,500	30,000
Glass factory.....	1	75,000	"	75	50,000	40,000	150,000
Harness manufacturers.....	1	40,000	Hand.	10	5,000	22,000	75,000
Hosiery mill.....	1	15,000	Steam.	16	1,600	8,400	12,000
Marble works.....	12	55,000	"	50	30,000	30,000	107,000
Planing mills.....	12	30,000	"	45	22,000	55,000	95,000
Potteries.....	12	13,000	"	23	9,300	17,600	36,000
Saw mill.....	1	60,000	"	40	20,000	60,000	150,000
Sugar works.....	1	100,000	"	95	17,000	20,000	60,000
Tailoring establishments.....	2	14,000	Hand.	17	13,000	14,000	45,000
Total.....	29	\$998,000		871	\$422,040	\$519,800	\$1,560,000



## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

A good quality of limestone is found in all parts of the county. An excellent quality of sandstone adapted to paving is found in several localities, fine quarries having been opened at Redfield, Gilfillan, and west of Hiattville.

Mineral paint, cement, and fire-clay are abundant in the vicinity of Fort Scott, and are manufactured in the last-named city to a considerable extent.

Fire-clay, also, is found near to the towns of Fulton and Mapleton.

#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal	1	202	1	\$ 2,000
Baptist	7	400	5	32,650
Christian	7	510	5	17,500
Church of God	2	55		
Congregational	3	172	1	22,000
Dunkard	1	60		1,500
Episcopal	1		1	19,000
Free Methodist	2	14	1	225
Methodist Episcopal	19	1,421	10	33,500
Presbyterian	6	275	4	35,000
Roman Catholic		630	3	
Unitarian	1	100		500
Universalist	1	30		
Total	51	3,960	31	\$163,875

#### PUBLIC SCHOOLS.

Number of organized districts, 108; school population for 1888, 10,132. Average monthly wages paid teachers: Males, \$46.12; females, \$37.33. Total value of school property in the county, \$144,986.

#### NEWSPAPERS.

*Fort Scott Monitor*, daily and weekly (Republican). John H. Rice, editor; W. M. Rice, associate editor; R. P. Rice, business manager, H. V. Rice, traveling solicitor, Fort Scott.

*Fort Scott Tribune*, daily and weekly (Democratic). J. B. Chapman, editor, Fort Scott.

*Fort Scott Globe* (Union-Labor). Burdett & Preston, publishers, Fort Scott.

The *Bronson Pilot* (Neutral). W. M. Holeman, proprietor, Bronson.

The *Fulton Independent* (Independent). A. W. Felter, editor and proprietor, Fulton.

The *Telephone* (Republican). G. J. McQuad, editor and proprietor, Mapleton.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Exchange Bank		J. W. Holeman	Bronson		
Bank of Fort Scott	C. F. Drake	Charles Nelson	Fort Scott		\$80,000
Citizens' National Bank	C. W. Goodlander	C. H. Osburn	Fort Scott	\$100,000	4,350
First National Bank	W. Chenault	J. Chenault	Fort Scott	100,000	60,000
State Bank of Fort Scott	Thornton Ware	J. R. Colean	Fort Scott	100,000	
Bank of Fulton	John Hall	F. S. Hall	Fulton	25,800	1,600



## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BROWN COUNTY.

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List of county officers for 1888, with post-office address of each.

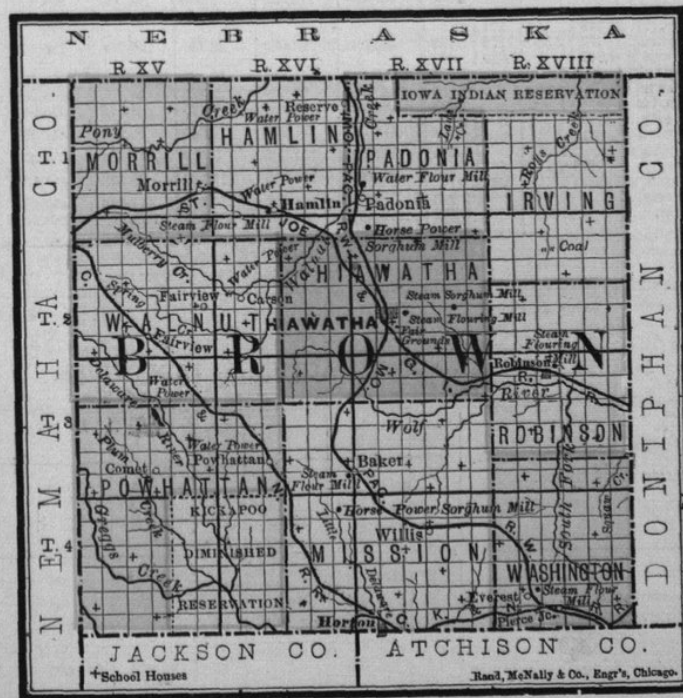
Officer.	Name.	Post-office address.
County Clerk.....	J. R. Smith.....	Fort Scott.
Treasurer.....	Z. A. Hornaday.....	Fort Scott.
Sheriff.....	S. Reese.....	Fort Scott.
Clerk District Court.....	J. B. Bayless.....	Fort Scott.
Probate Judge.....	B. J. Waters.....	Fort Scott.
Register of Deeds.....	O. Strait.....	Fort Scott.
Attorney.....	J. M. Humphrey.....	Fort Scott.
Superintendent of Schools.....	W. O. Jeffrey.....	Fort Scott.
Surveyor.....	Charles DuMoisy.....	Fort Scott.
Coroner.....	H. D. Baker.....	Fort Scott.
Commissioners..	N. E. Kingsbury.....	Fort Scott.
	W. H. Green.....	Fulton.
	Jacob Brenner.....	Porterville.

### POST OFFICES.

Barnesville, Berlin, Bronson, Clarksburgh, FORT SCOTT (C. H.), Fulton, Garland, Giffillan,	Godfrey, Hammond, Hiattville, Harding, Lakeside, Mapleton, Marmaton, Mill Creek,	Pawnee Station, Porterville, Redfield, Rockford, Uniontown, Walkertown, Woodland, Xenia.
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### BROWN COUNTY.

MAP OF BROWN COUNTY, KANSAS, 1888.





## Reports of the Kansas State Board of Agriculture

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### KANSAS STATE BOARD OF AGRICULTURE.

It was organized as a county under the Territorial Government in 1885; is situated in the northeastern part of the State, bordering on the Nebraska State line, and is the second county west of the Missouri river. It has an area of 576 square miles, and ranks as the twenty-ninth county in point of population. The number of people to the square mile is 32.38.

The city of Hiawatha, situated a little north of the center, is the county seat. It ranks as the forty-seventh city in the State, having a population of 2,246. The city of Horton, situated near the southern border, a little east of the center of the county, has a population of 3,191, ranking as the thirty-second city of the State. The towns of Everest, Robinson, Willis, and Barker are places of considerable local importance. The surface of the county is undulating, but a small proportion being bottom-land, and a very small per cent. rough or bluffy.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Personal.	City lots.	Railroad property.		
The county.....	16,046	18,651	\$2,489,928	\$1,293,698	\$597,307	\$708,535	\$5,089,468	\$91,500
School districts.....								43,050
Hamlin towns'p.	965	887	\$204,205	\$ 73,580	\$ 13,500	\$ 50,709	\$341,994	.....
Hiawatha tow'p	1,473	1,439	399,190	113,320	1,435	109,435	628,330	* 10,000
Irving township	1,025	1,029	192,015	77,655			269,670	.....
Willis city.....	213	174						.....
Baker city.....	170	172	403,525	164,080	22,145	208,596	798,346	10,000
Mission towns'p.	1,947	2,386						.....
Morrill towns'p.	1,002	1,075	196,315	91,655	13,380	50,733	352,083	.....
Padonia towns'p.	769	759	159,460	68,090	2,635	37,853	268,038	.....
Powhattan tw'p	1,300	1,379	236,920	94,655	3,125	41,175	375,875	.....
Robinson city..	320	331						.....
Robinsontown'p.	851	850	210,740	77,965	17,060	46,672	352,437	.....
Walnut towns'p.	1,275	1,341	282,363	111,405	3,122	57,484	454,374	18,000
Everest city.....	422	467	205,255	100,610	17,130	88,528	411,523	10,000
Washington t'p.	895	925						.....
Hiawatha city...	2,286	2,246		234,753	244,210	17,346	496,309	+ 50,000
Horton city.....	1,133	3,191		80,930	259,565		340,495	.....
Total .....								\$232,550

\* Hiawatha township and city.  
+ Water works.

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed	Total amount paid in wages during the year.	Value of	
						Raw material used.....	Product ..
Flouring mills.....	2	\$37,000	Steam & Water.	6	\$5,260	\$7,300	\$15,000
Harness manufactory.....	1	7,000	Hand.	3	1,200	6,000	14,000
Wagon factory.....	1	1,600	Steam.	4	400	800	2,190
Total .....	4	\$45,600		13	\$6,860	\$14,000	\$31,190



## Reports of the Kansas State Board of Agriculture

### SIXTH BIENNIAL REPORT—BROWN COUNTY.

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Creek bottoms average one-half mile in width. The south and east sides of creeks are generally bluffly; the north and west sides nearly always a gentle slope.

The streams are all fringed with a growth of timber; the principal varieties found are burr-oak, black walnut, hickory, honey locust, hackberry, sycamore, white and red elm, box-elder, bass-wood, and black oak.

### FARM AND CROP STATISTICS.

TABLE showing acres, product, and value of field crops in the county for 1887 and 1888.

CROPS.	1887.			1888.		
	Acres.	Product.	Value.	Acres.	Product.	Value.
Winter wheat.....bu.	17,073	307,314	\$199,754 10	16,957	390,011	\$ 253,507 15
Rye.....bu.	2,808	46,308	18,547 20	4,730	94,600	31,218 00
Spring wheat.....bu.	4,907	58,884	38,274 60	4,019	44,209	26,525 40
Corn.....bu.	104,285	2,607,125	912,403 75	114,318	5,487,264	1,865,669 76
Barley.....bu.	576	11,520	4,608 00	845	11,040	3,312 00
Oats.....bu.	21,961	1,098,050	241,571 00	27,188	1,386,588	318,915 24
Buckwheat.....bu.	10	150	112 50	5	75	56 25
Irish potatoes.....bu.	1,597	127,760	95,830 00	1,584	142,560	71,280 00
Sweet potatoes.....bu.	18	1,800	1,350 00	17	1,700	1,700 00
Sorghum.....bu.	73		1,810 00	81		1,160 00
Castor beans.....bu.						
Cotton.....lbs.				332	3,330	2,988 00
Flax.....bu.	1,151	13,812	11,740 20			
Hemp.....lbs.				1	600	60 00
Tobacco.....lbs.				30	18,000	630 00
Broom corn.....lbs.	36	21,600	756 00	2,835	5,650	28,250 00
Millet and Hungarian.....tons	2,517	5,034	25,170 00	46,008		
Timothy.....	37,969			1,926		
Clover.....	5,886			261	†23,096	138,576 00
Orchard grass.....tons	308	*22,059	132,354 00	848		
Blue grass.....	1,447			912		
Other tame grasses.....	1,048			23,411	10,550	47,475 00
Prairie, under fence.....tons	24,251	11,051	44,204 00			
Total.....	228,071		\$1,728,565 35	245,708		\$2,791,322 80

\* Product of 1886. † Product of 1887.

Wheat on hand—March 1, 1887, 47,670 bushels; March 1, 1888, 38,137 bushels.  
Corn on hand—March 1, 1887, 1,210,795 bushels; March 1, 1888, 908,485 bushels.

### LIVE STOCK.

TABLE showing the number, value, and mortality of live stock for 1887 and 1888.

LIVE STOCK.	1887.		1888.		Mortality.	
	No.	Value.	No.	Value.	1887.	1888.
Horses.....	10,809	\$972,810 00	11,259	\$1,013,310 00	174	259
Mules and asses.....	1,344	134,400 00	1,507	150,700 00	17	6
Milch cows.....	12,250	245,000 00	13,045	260,900 00	98	129
Other cattle.....	23,777	475,540 00	26,036	520,720 00	208	258
Sheep.....	999	1,998 00	506	1,012 00	* 23	* 70
Swine.....	41,162	288,134 00	37,392	299,136 00	19,966	10,351
Total.....	90,341	\$2,117,882 00	89,745	\$2,245,778 00	20,486	11,083

\* Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 1,940.  
Number of dogs in county, March 1, 1888, 1,867.

Springs are numerous in all portions of the county, and well-water is found at an average depth of thirty feet. Limestone, suitable for building purposes, is abundant in all portions of the county; the best quarries are upon Walnut creek, four miles



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### KANSAS STATE BOARD OF AGRICULTURE.

northwest of the city of Hiawatha. A fair quality of sandstone is also found in the same vicinity. Coal is mined to a very limited extent in Robinson township, the veins being thin and unprofitable.

#### SUMMARY

SHOWING the amount and value of farm products for the years ending March 1, 1887, and March 1, 1888.

PRODUCTS.	1887.		1888.	
	Amount.	Value.	Amount.	Value.
Field crops.....acres	228,071	\$1,728,565 35	245,798	\$2,791,322 80
Animals slaughtered and sold for slaughter.....		811,561 00		889,338 00
Value of the increase in live stock.....		170,807 00		86,734 00
Wool clip.....lbs.	1,775	319 50	2,275	409 50
Butter.....lbs.	478,095	71,714 25	475,533	66,574 62
Cheese.....lbs.	2,005	240 60	1,770	212 40
Honey and bees-wax.....lbs.	8,600	1,727 25	5,448	1,089 60
Milk sold.....		2,740 00		5,140 00
Horticultural products marketed.....		17,662 00		17,893 00
Wine manufactured.....gals.	6,824	6,824 00	6,492	6,492 00
Garden products marketed.....		8,036 00		12,633 00
Poultry and eggs sold.....		19,284 00		21,513 00
Wood marketed.....		4,420 00		2,682 00
Total.....		\$2,843,900 95		\$3,902,033 92

RANK OF COUNTY in population, assessed valuation, total value of farm products, acreage of wheat and corn, and the number of live stock named below, for the years 1887 and 1888.

YEARS.	Popu- lation.	Assess- ed val- uation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	41	15	4	21	16	17	18	70	8
1888.....	29	15	1	18	15	13	15	85	5

#### HORTICULTURE, ETC.

FRUIT TREES.		1887.	1888.	SMALL FRUITS—ACRES.		1887.	1888.
<i>Number of trees in bearing.</i>				Raspberries.....		72	74
Apple.....		167,853	161,684	Blackberries.....		40	32
Pear.....		1,107	878	Strawberries.....		20	16
Peach.....		71,097	56,927	Total.....		132	122
Plum.....		5,043	4,134				
Cherry.....		18,639	17,584				
Total.....		263,739	241,207	ARTIFICIAL FOREST.		1887.	1888.
				<i>Acres of trees one year old and over.</i>			
<i>Number not in bearing.</i>				Walnut.....		120	113
Apple.....		66,936	62,232	Maple.....		261	238
Pear.....		1,500	1,323	Honey locust.....		22	57
Peach.....		13,490	13,877	Cottonwood.....		633	440
Plum.....		1,953	2,255	Other varieties.....		2,288	501
Cherry.....		3,505	5,029	Total.....		3,324	1,349
Total.....		87,384	84,716	Acres in nurseries.....		32	460
				Acres in vineyards.....		114	106



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### SIXTH BIENNIAL REPORT—BROWN COUNTY.

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#### CHURCHES.

TABLE showing the number of church organizations, aggregate membership, number of church edifices, and the value of church property in the county, belonging to the denominations named, for 1888.

DENOMINATIONS.	No. of church organizations.	Aggregate membership.	No. of church edifices.	Value of church property.
African Methodist Episcopal.....	2	51	1	\$ 1,000
Baptist.....	11	636	6	17,000
Christian.....	6	465	4	6,000
Congregational.....	3	234	3	12,200
Dunkard.....	2	190	.....	3,500
Episcopal.....	2	12	.....	1,800
Methodist Episcopal.....	6	605	5	18,500
Presbyterian.....	3	279	3	19,000
Reformed Church.....	2	178	1	6,500
Roman Catholic.....	.....	510	3	.....
United Brethren.....	5	118	2	5,366
United Presbyterian.....	2	75	2	10,000
Wesleyan Methodist.....	1	55	1	2,400
Total.....	45	3,408	31	\$103,266

#### PUBLIC SCHOOLS.

Number of organized districts, 85; school population for 1888, 6,619. Average monthly wages paid teachers: Males, \$49.61; females, \$41.06. Total value of school property in the county, \$100,000.

#### NEWSPAPERS.

*Brown County World* (Republican). D. W. Wilder, editor; Ewing Herbert, associate editor and manager, Hiawatha.

The *Kansas Democrat* (Democratic). George T. Williams, editor and publisher Hiawatha.

*Horton Headlight* (Republican). Harley W. Brundige and Samuel E. Bear, editors and publishers, Horton.

*Horton Gazette* (Republican). Charles C. Bartruff, editor, publisher, and proprietor, Horton.

*Horton Commercial* (Democratic). Clyde McManigal, editor; J. S. Sherdeman and Clyde McManigal, publishers, Horton.

The *Horton Railway Register* (Republican). C. N. Whitaker, managing editor; Harry Whitaker, city editor, Horton.

The *Everest Enterprise* (Independent). T. A. H. Lowe, editor and business manager; T. A. H. Lowe and J. B. Green, publishers, Everest.

*Fairview Enterprise* (Independent). S. O. Groesbeck, editor, Fairview.

#### BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
First National Bank.....	M. S. Smalley.....	Charles P. Waste.....	Hiawatha .....	\$110,000	\$12,000
Morrill & Janes' Bank .....	E. N. Morrill.....	C. D. Lamme.....	Hiawatha .....	100,000	20,000
Schilling & Aten .....	.....	.....	Hiawatha .....	8,000	.....
Bank of Horton.....	J. W. Parker.....	F. D. Krebs.....	Horton.....	.....	.....
First National Bank.....	Scott Hopkins.....	F. M. Wilson.....	Horton.....	50,000	.....
Farmers' Bank of Morrill.....	Charles H. Janes.....	S. W. Moore.....	Morrill.....	25,000	2,000
J. D. Harpster.....	.....	.....	Willis.....	.....	.....



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### KANSAS STATE BOARD OF AGRICULTURE.

LIST of county officers for 1888, with post-office address of each.

Officer.	Name.	Post-office address.
County Clerk.....	N. E. Chapman.....	Hiawatha.
Treasurer.....	O. C. Hill.....	Hiawatha.
Sheriff.....	J. F. Cashman.....	Hiawatha.
Clerk District Court.....	M. L. Gulich.....	Hiawatha.
Probate Judge.....	T. B. Dickason.....	Hiawatha.
Register of Deeds.....	M. G. Ham.....	Hiawatha.
Attorney.....	Ira J. Lacock.....	Hiawatha.
Superintendent of Schools.....	P. R. Harman.....	Hiawatha.
Surveyor.....	T. J. Marrion.....	Morrill.
Coroner.....	J. L. Lemaster.....	Robinson.
Commissioners.....	J. P. Freeland.....	Robinson.
	S. C. Belden.....	Horton.
	Elias Berkley.....	Hamlin.

### POST OFFICES.

Baker, Carson, Cleo, Comet, Everest, Fairview,	Hamlin, Hiawatha (C. H.), Horton, Morrill, Padonia, Pierce Junction,	Powhattan, Reserve, Robinson, Willis.
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### BUTLER COUNTY.

It lies in the south central part of the State, in the second tier of counties from the Indian Territory on the south. It was organized in 1855; has an area of 1,428 square miles, and is one of the largest counties in the State; its territory being larger than that of the State of Rhode Island. It has to each square mile 18.50 people, and ranks as the twelfth county in population. The city of El Dorado, situated a little north of the center, is the county seat. It has a population of 5,241, and ranks as the eighteenth city in the State in size. The cities of Augusta and Douglass, lying in the southwestern portion, are places of much importance. The towns of Leon, Latham, Brainerd, and Towanda are also flourishing places.

The surface of the western part of the county is principally bottom-land and gently rolling prairies, while the eastern portion is in many places broken and rough.

River and creek bottoms, in the aggregate, make 15 per cent. of the total area, and average from one to two miles in width.

Timber belts average along the streams from one-fourth to three-fourths of a mile in width. In these belts are found the following varieties: Oak, walnut, hickory, mulberry, sycamore, elm, and hackberry. Of the several streams in the county, the Walnut river is the principal.

Magnesian limestone is abundant in all parts; extensive quarries have been developed, and large quantities of this stone are shipped from El Dorado, Augusta, Douglass, Towanda, and Potwin. Small quantities of gypsum are found in the western townships.

Salt water has been discovered at the city of El Dorado, at a depth of 750 feet; also, at the town of Potwin, about twelve miles northwest, at a depth of 800 feet.

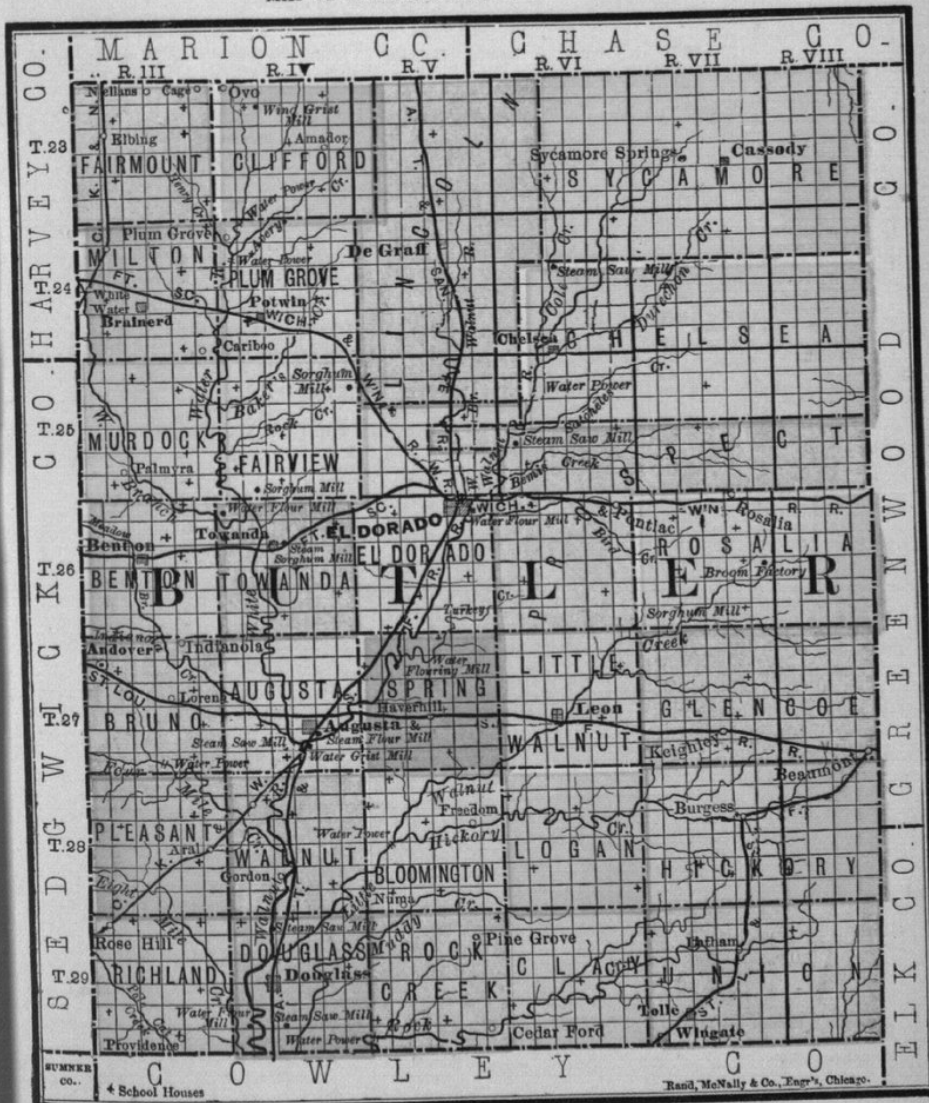


# Reports of the Kansas State Board of Agriculture

SIXTH BIENNIAL REPORT—BUTLER COUNTY.

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MAP OF BUTLER COUNTY, KANSAS, 1888.







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### KANSAS STATE BOARD OF AGRICULTURE.

#### POPULATION, VALUATION, AND INDEBTEDNESS.

TABLE showing total population, by townships and cities, for 1887 and 1888, and the assessed valuation and indebtedness of the county, total school district indebtedness, and the assessed valuation and indebtedness of the municipal townships, for 1888.

TOWNSHIPS AND CITIES.	Population.		Assessed valuation of the different kinds of property.				Total assessed valuation.	Indebtedness, July 1, 1888.
	1887.	1888.	Land.	Personal.	City lots.	Railroad property.		
The county.....	28,980	26,400	\$2,830,732	\$961,082	\$653,810	\$1,018,017	\$5,472,641	
School districts.....								\$95,475
Augusta city.....	1,773	1,730	108,320	86,855	100,261	87,765	283,210	23,000
Augusta town p	799	630						
Benton town p	943	908	102,422	18,669	10,876	35,236	167,203	11,000
Bloomington t p	566	544	70,935	14,385			85,320	
Bruno township	719	691	97,538	19,715	5,395	44,067	166,705	18,000
Chelsea town p	629	520	140,182	24,599	359		165,140	
Clay township..	422	393	49,612	10,325			59,937	
Clifford town p	586	393	97,809	24,795			122,604	
Douglass city...	1,637	906	116,745	51,107	56,896	40,745	265,493	21,500
Douglass town p	696	654						
El Dorado tow p	814	676	166,789	14,237	273	106,665	287,964	75,000
Fairmount t w p	608	589	92,203	23,068	975	35,474	151,730	
Fairview town p	407	373	82,582	17,934		9,787	110,303	
Glencoe town p	987	937	62,295	22,528	5,131	73,482	163,436	
Hickory town p	576	483	68,006	9,877		48,111	126,984	15,000
Lincoln town p	339	410	180,060	28,105	2,640	82,836	293,641	
Leon city.....	886	749	79,628	27,429	30,418	42,572	180,047	17,000
Little Walnut t p	556	545						
Logan township	421	414	54,865	14,523			69,388	
Milton township	762	825	84,870	50,966	14,837	46,288	196,956	20,000
Murdock town p	563	466	92,781	39,169			131,950	
Pleasant town p	751	684	97,223	26,669		31,046	154,938	
Plum Grove to p	540	563	78,647	22,711	8,608	25,396	135,362	20,000
Prospect town p	969	896	165,776	32,080	580	40,486	238,922	23,000
Richland town p	684	731	103,106	17,342	334	9,214	129,996	
Rock Creek t p..	457	457	76,411	15,908			95,319	
Rosalia town p	587	587	82,402	7,462	1,665	59,512	151,041	10,000
Spring township	741	762	79,824	16,635		53,543	150,002	18,000
Sycamore tow p	542	512	159,280	29,555	2,588		191,423	
Towanda city...	759	171						
Towanda tow p	662	633	81,999	21,245	7,620	37,334	148,098	13,500
Latham city....	793	339	63,698	18,602	10,785	38,694	131,779	15,000
Union township.	358	697						
Walnut town p	714	657	102,725	17,607		52,068	172,400	10,000
El Dorado city..	5,733	5,341		233,980	309,599	17,771	645,350	7,500
Total.....								\$412,975

#### MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of establishments.....	Amount of capital invested.....	Motive power.....	Average No. of hands employed.	Total amount paid in wages during the year.	Value of	
						Raw material used.....	Product.....
Brick yard.....	1	\$ 3,000	Hand.	5	\$ 1,900	\$ 900	\$ 3,330
Flouring mills.....	4	70,000	Steam & water.	13	4,800	46,357	54,088
Sorghum mills.....	2	1,700	Steam & hand.	14	950	1,650	3,500
Sugar works.....	1	65,000	Steam.	40	* 12,000	6,000	13,000
Total.....	8	\$130,700		72	\$19,710	\$54,907	\$74,518

\* Including cost of constructing works.