

Transactions of the Kansas State Board of Agriculture, 1887-88

Section 11, Pages 301 - 330

This biennial report from the Kansas State Board of Agriculture includes information on livestock and other agricultural topics. Also covered are county statistics for population, acreages, productions, live stock, assessed valuation of property, and a listing of churches for each county. State statistics, crop and livestock statistics are also included.

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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.	4,650	41,850	\$ 27,202 50	4,207	68,912	\$ 42,414 56
Rye.....bu.	3,819	45,828	18,331 20	2,697	51,243	16,910 19
Spring wheat.....bu.	4,530	22,650	14,722 50	1,506	19,152	11,108 16
Corn.....bu.	102,231	2,044,620	613,386 00	127,505	4,717,685	1,320,951 80
Barley.....bu.	102	2,040	816 00	54	1,350	540 00
Oats.....bu.	35,221	704,420	140,884 00	47,945	1,809,894	373,978 80
Buckwheat.....bu.	22	330	247 50	78	1,014	831 48
Irish potatoes.....bu.	1,930	154,400	115,800 00	2,238	183,516	110,109 60
Sweet potatoes.....bu.	16	1,600	1,600 00	9	945	945 00
Sorghum.....bu.	367		11,920 00	462		15,580 70
Castor beans.....bu.	22	220	198 00			
Cotton.....lbs.	56	14,000	1,120 00			
Flax.....bu.	2,222	22,220	18,887 00	4,428	44,280	30,852 00
Hemp.....lbs.				1	700	35 00
Tobacco.....lbs.	3	1,800	180 00	2	1,200	120 00
Broom corn.....lbs.	1,801	1,080,600	37,821 00	329	197,400	6,909 00
Millet and Hungarian.....tons	8,018	16,036	80,180 00	6,925	13,850	55,400 00
Timothy.....lbs.	16,888			18,818		
Clover.....lbs.	4,297			1,979		
Orchard grass.....tons	127	*10,114	50,570 00	139	+10,304	61,824 00
Blue grass.....lbs.	688			854		
Other tame grasses.....	652			926		
Prairie, under fence.....tons	58,999	50,955	203,820 00	66,560	59,826	179,478 00
Total.....	246,661		\$1,337,685 70	287,853		\$2,237,988 29

* Product of 1886. † Product of 1887.

Wheat on hand—March 1, 1887, 47,803 bushels; March 1, 1888, 37,945 bushels.
Corn on hand—March 1, 1887, 825,374 bushels; March 1, 1888, 624,845 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.....	12,091	\$1,088,190 00	12,872	\$1,158,480 00	194	320
Mules and asses.....	952	95,200 00	1,048	104,800 00	7	27
Milch cows.....	14,365	287,300 00	15,986	319,720 00	234	362
Other cattle.....	28,271	565,420 00	31,530	630,400 00	604	812
Sheep.....	1,051	2,102 00	702	1,584 00	* 173	* 246
Swine.....	40,144	281,008 00	36,732	293,856 00	13,857	15,361
Total.....	96,874	\$2,319,220 00	98,950	\$2,508,840 00	15,069	17,128

* Including the number of head killed by dogs.

Number of dogs in county, March 1, 1887, 3,219.

Number of dogs in county, March 1, 1888, 3,225.

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 valu- ation.	Value of farm products.	Wheat, acres.	Corn, acres.	Horses and mules.	Cattle.	Sheep.	Swine.
1887.....	18	22	16	40	7	7	12	69	11
1888.....	20	25	7	46	10	8	7	76	6

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SIXTH BIENNIAL REPORT—MARSHALL COUNTY. 297

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	246,661	\$1,337,685 70	287,853	\$2,237,988 29
Animals slaughtered and sold for slaughter.....		519,930 00		625,019 00
Value of the increase in live stock.....		159,256 00		149,476 00
Wool clip.....lbs.	9,323	1,078 14	380	68 40
Butter.....lbs.	554,391	83,158 65	541,025	75,743 50
Cheese.....lbs.	11,551	1,386 12	8,547	1,025 64
Honey and bees-wax.....lbs.	6,948	1,401 65	13,811	2,762 20
Milk sold.....		1,640 00		1,300 00
Horticultural products marketed.....		3,014 00		52,009 00
Wine manufactured.....gals.	1,584	1,584 00	838	838 00
Garden products marketed.....		3,280 00		5,849 00
Poultry and eggs sold.....		20,631 00		24,985 00
Wood marketed.....		5,931 00		9,274 00
Total.....		\$2,140,576 26		\$3,186,338 03

HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries.....	82	26
Apple.....	77,263	84,175	Blackberries.....	47	22
Pear.....	596	781	Strawberries.....	22	6
Peach.....	35,092	27,280	Total.....	151	54
Plum.....	1,890	1,590			
Cherry.....	14,782	13,487	ARTIFICIAL FOREST.	1887.	1888.
Total.....	129,623	127,313	<i>Acres of trees one year old and over.</i>		
			Walnut.....	146	135
<i>Number not in bearing.</i>			Maple.....	375	329
Apple.....	123,938	118,814	Honey locust.....	6	10
Pear.....	3,674	2,111	Cottonwood.....	848	836
Peach.....	26,270	16,267	Other varieties.....	589	571
Plum.....	2,557	2,356	Total.....	1,964	1,881
Cherry.....	10,417	8,428			
Total.....	166,856	148,576	Acres in nurseries.....	314	23
			Acres in vineyards.....	55	69

PUBLIC SCHOOLS.

Number of organized districts, 138; school population for 1888, 8,403. Average monthly wages paid teachers. Males, \$52.36; females, \$35.35.

NEWSPAPERS.

Marshall County News (Republican). Geo. T. Smith, editor and proprietor, Marysville.

Marshall County Democrat (Democratic). O. J. Morse and W. T. Ecks, editors and managers, Marysville.

Marysville Post, German (Democratic). William Becker, editor, publisher, and proprietor, Marysville.



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The *True Republican* (Union Labor). P. D. Hartman, editor, Marysville.
 The *Waterville Telegraph* (Republican). Henry C. Wilson, editor, publisher, and proprietor, Waterville.
 The *Blue Rapids Times* (Republican). E. M. Brice and Edward Skinner, editors, publishers, and proprietors, Blue Rapids.
 The *Frankfort Bee* (Republican). W. J. Granger, editor, publisher, and proprietor, Frankfort.
 The *Frankfort Sentinel* (Union Labor). S. H. Peters, editor, publisher, and proprietor, Frankfort.
 The *Axtell Anchor* (Republican). J. M. Ross and Thos. Nye, publishers, Axtell.
 The *Star* (Republican). Dan M. Mabie, editor and publisher; L. B. Cowan, proprietor, Beattie.
 The *Irving Leader* (Republican). J. R. Leonard, editor and proprietor, Irving.

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	7	385	4	\$ 6,350
Christian	3	230	2	4,000
Congregational	3	137	2	4,000
Dunkard	1	35	1	6,000
Episcopal	6	75	3	8,000
Lutheran	5	451	4	30,000
Methodist Episcopal	14	1,243	14	22,000
Presbyterian	8	452	6	6,067
Roman Catholic	2	1,635	6	
Swedish Lutheran	2	368	2	
Universalist	1	20		
Total	50	5,031	41	\$83,417

BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
J. H. Trout & Co.		Joe Baer	Axtell		
Bank of Beattie	A. J. Brunswig	Joe Baer	Beattie		
Bank of Blue Rapids	(G. B. Stocks & Son)		Blue Rapids		
Bank of Frankfort	(McKee & Dougherty)	L. V. McKee	Frankfort	\$ 20,000	\$4,000
First National Bank	T. F. Rhodes	E. T. Peck	Frankfort	100,000	8,284
Armstrong Bank	J. Armstrong	J. R. Blaney	Irving		
State Bank of Irving	A. C. Emmons	Ira M. Hodges	Irving	30,000	
Exchange Bank	(Schmidt & Koester)	Chas. D. Schmidt	Marysville		
First National Bank	S. A. Fulton	E. R. Fulton	Marysville	75,000	6,000
Bank of Vermillion	J. W. Kinney		Vermillion		
Bank of Waterville	(S. T. Powell)		Waterville	30,000	
Merchants' Bank	(Thorne & Thomas)		Waterville	12,000	1,500

POST OFFICES.

Axtell, Barrett, Beattie, Bigelow, Blue Rapids, Bremen, Elm Creek, Frankfort, Guittard Station,	Herkimer, Home, Hull, Irving, La Grange, Manley, MARYSVILLE (C. H.), Oketo, Reedsville,	Saint Bridget, Stolzenbach, Swede Creek, Vermillion, Vleits, Waterville, Wyoming.
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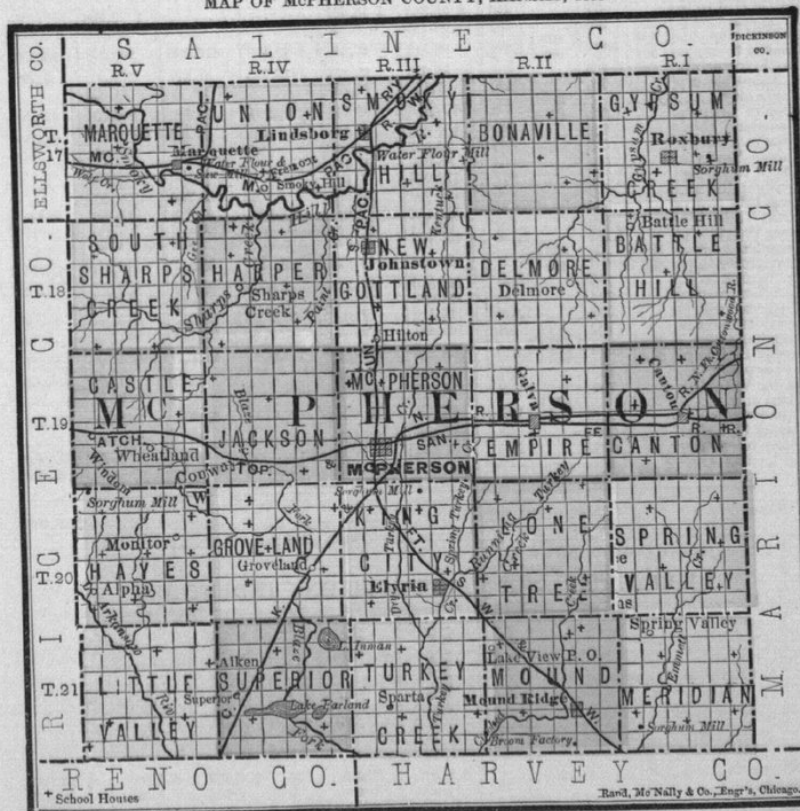
SIXTH BIENNIAL REPORT—McPHERSON COUNTY. 299

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

Officer.	Name.	Post-office address.
County Clerk.....	J. F. Wright.....	Marysville.
Treasurer.....	W. H. Smith.....	Marysville.
Sheriff.....	M. M. Haskin.....	Marysville.
Clerk District Court.....	George Thomas.....	Marysville.
Probate Judge.....	Cal. T. Mann.....	Marysville.
Register of Deeds.....	A. M. Billingsley.....	Waterville.
Attorney.....	E. A. Berry.....	Marysville.
Superintendent of Schools.....	Wm. Acker.....	Marysville.
Surveyor.....	Wyatt Millikan.....	Elm Creek.
Coroner.....	W. F. Boyakin.....	Irving.
Commissioners.....	Dr. L. Chase.....	Oketo.
	R. B. Moore.....	Vermillion.
	M. S. Beaty.....	

McPHERSON COUNTY.

MAP OF McPHERSON COUNTY, KANSAS, 1888.



The county of McPherson adjoins the central county of the State on the east. It was organized in 1870, contains an area of 900 square miles, and ranks as the seventeenth county in point of population, having to each square mile 26.78 inhabitants. The

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city of McPherson, situated a little south and west of the center, with a population of 4,417, is the county seat, and ranks among the cities of the State as the twenty-first. Lindsborg, lying in the north-central portion, has a population of 1,428, and is the eighty-second city in size. Marquette, lying on the Smoky Hill river, in the north-western part, and Canton, in the east-central, are towns of considerable importance.

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.....	23,208	24,103	\$2,448,146	\$1,056,080	\$713 247	\$686,397	\$4,903,870	.....
School districts.....								\$53,868
Battle Hill to p.	422	448	\$ 55,886	\$ 15,022			\$ 70,908	.....
Bonaville tow'p.	358	337	38,135	8,321			46,306	.....
Canton city.....	608 } 1,212	395 } 1,382	98,715	47,308	\$ 43,173	\$76,082	265,278	26,000
Canton town's p.	604 }	987 }						
Castle township.	709	665	88,935	35,774	18,782	35,811	179,302	5,000
Delmore town'p	534	500	67,131	14,795			81,929	.....
Galva city.....		279 }						
Empire town's p	1,045	627 }	120,453	37,448	16,244	71,759	245,904	24,000
Groveland to p.	632	667	107,603	19,370	840	29,459	157,272	21,000
Gypsum Cr'k t'p	618	620	79,297	30,763	793		110,853	.....
Harper town's p.	516	504	85,902	24,416			110,318	.....
Hayes township	738	677	112,038	27,146			139,184	.....
Jackson town'p	692	500	112,965	23,277	6,205	35,762	178,209	.....
King City tow'p	630	621	113,715	20,100	2,662	47,382	183,859	16,000
Little Valley t'p	480	455	82,084	19,554		6,150	107,797	.....
Lone Tree tow'p	1,142	1,140	109,792	11,164		974	121,930	.....
Marquette city..	304 }	423 }						
*Marquette to p	882 }	988 }	85,095	49,155	46,112	38,517	218,879	12,000
McPherson to p.	700	694	140,650	31,465	2,800	89,644	264,559	37,000
Meridian town p	744	744	113,023	17,587		841	131,451	.....
Mound townsh'p	1,005	1,009	116,120	37,014	21,676	38,647	213,457	18,000
NewGottland t'p	700	701	105,897	19,391		36,404	161,692	.....
Lindsborg city..	1,225 }	1,428 }	128,275	101,606	114,060	71,167	415,108	59,240
Smoky Hill to p	807 }	785 }						
S. Sharps Cr'k t'p	477	481	59,604	11,380			70,984	23,000
Spring Val'y t'p	705	728	114,589	26,979			141,568	.....
Alken city.....		132 }	93,855	31,034	7,619	35,806	168,304	18,000
Superior town'p	787	789 }						
Turkey Cr'k t'p.	759	777	116,580	15,565			132,145	.....
Union township	575	588	101,804	38,705		44,469	184,978	20,000
McPherson city	3,800	4,417		341,781	432,191	27,506	801,478	72,000
Total.....								\$405,108

* Named Sharps Creek in 1887.

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-yards.....	2	\$ 6,200	Hand.	36	\$ 6,000	\$ 2,300	\$ 15,000
Creameries.....	2	14,500	Steam.	6	702	3,360	6,500
Flour mills.....	4	92,500 }	Steam & water.	17	10,600	122,000	192,000
Total.....	8	\$113,200		59	\$17,302	\$127,560	\$213,500

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SIXTH BIENNIAL REPORT—MCPHERSON COUNTY. 301

The general surface is a gently rolling prairie, somewhat broken toward the north, and nearly level in the center. Bottom-lands average from one-half to one mile in width, and cover 7 per cent. of the entire area.

Timber is not very plentiful; the belts on the streams average about twenty rods in width, and contain the following varieties of trees: Cottonwood, box-elder, ash, oak, mulberry, hackberry, coffee-bean, and willow.

The county is but moderately supplied with streams, and well-water is obtained at an average depth of twenty-five feet. The Smoky Hill river enters the county at its northwestern corner, flows southeast for a distance of about ten miles, then turns to the northeast, crossing the northern boundary about its center.

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.	27,897	334,764	\$317,596 60	41,547	664,752	\$498,564 00
Rye.....bu.	2,266	22,660	11,330 00	3,338	53,408	25,635 84
Spring wheat.....bu.	91	1,092	709 80	20	240	156 00
Corn.....bu.	63,148	947,220	331,527 00	50,720	659,360	184,620 80
Barley.....bu.	21	420	168 00			
Oats.....bu.	53,569	2,142,760	535,690 00	71,142	1,422,840	284,568 00
Buckwheat.....bu.	1	15	11 25			
Irish potatoes.....bu.	1,740	139,200	104,400 00	1,675	75,375	56,531 25
Sweet potatoes.....bu.	23	2,300	2,300 00	79	3,950	3,950 00
Sorghum.....bu.	389		13,220 00	794		22,220 00
Castor beans.....bu.						
Cotton.....lbs.						
Flax.....bu.	35	350	297 50	73	584	525 60
Hemp.....lbs.				2	1,400	70 00
Tobacco.....lbs.						
Broom corn.....lbs.	9,902	5,941,200	207,942 00	6,084	3,650,400	127,764 00
Millet and Hungarian.....tons	2,578	5,156	25,780 00	3,669	7,338	29,352 00
Timothy.....tons	3,100			2,978		
Clover.....tons	552	* 1,471	8,826 00	1,418		
Orchard grass.....tons	167			256	+ 6,029	36,174 00
Blue grass.....tons	240			349		
Other tame grasses.....tons	983			145		
Prairie, under fence.....tons	77,550	39,134	156,536 00	73,422	35,405	141,620 00
Total.....	244,252		\$1,616,334 15	257,711		\$1,411,751 49

* Product of 1886. + Product of 1887.

Wheat on hand—March 1, 1887, 84,535 bushels; March 1, 1888, 30,627 bushels.
Corn on hand—March 1, 1887, 721,265 bushels; March 1, 1888, 150,584 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.....	11,755	\$1,057,950 00	13,960	\$1,256,400 00	326	213
Mules and asses.....	1,196	119,600 00	1,132	113,300 00	53	58
Milch cows.....	11,025	220,500 00	12,854	257,080 00	194	237
Other cattle.....	26,068	521,360 00	28,196	563,920 00	634	1,239
Sheep.....	1,202	2,404 00	1,077	2,154 00	* 13	* 183
Swine.....	40,977	286,839 00	32,916	263,328 00	10,106	6,451
Total.....	92,223	\$2,208,653 00	90,135	\$2,456,082 00	11,306	8,331

* Including the number of head killed by dogs.
Number of dogs in county, March 1, 1887, 3,205.
Number of dogs in county, March 1, 1888, 3,189.

Herd law, in force.

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Quarries of limestone are worked in the northeastern portion of the county. Sandstone is found in the northeastern and northwestern portions. Beds of gypsum occur on the headwaters of Gypsum creek, in the northeastern part of the county.

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	244,252	\$1,616,334 15	257,711	\$1,411,751 49
Animals slaughtered and sold for slaughter.....		539,707 00		663,450 00
Value of the increase in live stock.....		229,865 00		206,452 00
Wool clip.....lbs.	2,361	424 98	3,890	700 20
Butter.....lbs.	477,336	71,600 40	584,107	75,933 91
Cheese.....lbs.	8,191	982 92	4,775	573 00
Honey and bees-wax.....lbs.	206	41 20	105	21 00
Milk sold.....		5,237 00		4,055 00
Horticultural products marketed.....		2,467 00		1,913 00
Wine manufactured.....gals	4,635	4,635 00	2,664	2,664 00
Garden products marketed.....		7,843 00		6,093 00
Poultry and eggs sold.....		26,117 00		32,788 00
Wood marketed.....		142 00		2,019 00
Total.....		\$2,505,386 65		\$2,408,413 60

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.....	19	24	7	2	11	8	15	67	9
1888.....	17	14	18	4	11	6	13	71	9

HORTICULTURE, ETC.

FRUIT TREES.		1887.	1888.	SMALL FRUITS—ACRES.		1887.	1888.
<i>Number of trees in bearing.</i>				Raspberries.....		53	56
Apple.....		39,229	46,011	Blackberries.....		106	91
Pear.....		1,185	2,571	Strawberries.....		38	56
Peach.....		74,235	78,814	Total.....		197	203
Plum.....		10,071	7,023				
Cherry.....		18,721	30,102				
Total.....		144,071	154,521	ARTIFICIAL FOREST.		1887.	1888.
<i>Number not in bearing.</i>				<i>Acres of trees one year old and over.</i>			
Apple.....		118,842	118,251	Walnut.....		350	451
Pear.....		7,171	9,828	Maple.....		210	167
Peach.....		80,631	28,870	Honey locust.....		16	23
Plum.....		10,652	9,054	Cottonwood.....		2,548	2,675
Cherry.....		20,293	15,323	Other varieties.....		2,218	2,333
Total.....		237,580	191,326	Total.....		5,342	5,649
				Acres in nurseries.....		27	49
				Acres in vineyards.....		243	233

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SIXTH BIENNIAL REPORT—MCPHERSON 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.
Baptist.....	7	485	4	\$11,000
Christian.....	6	344	4	7,500
Congregational.....	3	163	2	7,500
Dunkard.....	1	135	.....	3,000
Episcopal.....	1	15	.....	3,000
Free Methodist.....	1	10	1	1,500
Lutheran.....	5	1,926	3	23,500
Methodist Episcopal.....	10	904	8	21,540
Presbyterian.....	5	235	3	9,800
Swedish Lutheran.....	6	3,229	6	57,500
Wesleyan Methodist.....	1	25	.....	.....
Total.....	46	7,471	31	\$145,840

DENOMINATIONAL SCHOOLS.

NAME OF ORGANIZATION.	Average yearly attendance.	Average monthly salaries paid teachers.	No. of school buildings.	Value of buildings and other school property.
McPherson College and Industrial Institute (Dunkard).....	150	\$ 80	2	\$106,000
Bethany College (Lutheran).....	200	60	3	80,000
Parish schools (Swedish Lutheran).....	472	220	2	800
Total.....	.....	.....	7	\$186,800

PUBLIC SCHOOLS.

Number of organized districts, 118; school population for 1888, 8,129. Average monthly wages paid teachers: Males, \$47; females, \$41. Total value of school property in the county, \$148,670.

NEWSPAPERS.

The *McPherson Freeman* (Republican). H. B. Kelly, editor, publisher, and proprietor, McPherson.

The *McPherson Republican and Weekly Press*, daily and weekly (Republican). S. G. Mead, editor, publisher, and proprietor, McPherson.

The *Democrat* (Democratic). Warren Knaus, editor, publisher, and proprietor, McPherson.

McPherson Anzeiger, German. J. F. Harmes, editor; Western German Publishing Co., publishers, McPherson.

Our Opinion (Union Labor). Geo. C. Findley, editor and business manager; Our Opinion Publishing Company, publishers, McPherson.

The *School, Fireside and Farm* (Educational). S. Z. Sharp, editor-in-chief; Geo. E. Studebaker, business manager; McPherson College, publishers, McPherson.

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KANSAS STATE BOARD OF AGRICULTURE.

The *Lindsborg News* (Republican). A. Ringwald, publisher, Lindsborg.
 The *Canton Republican* (Republican). W. R. Davis, editor and publisher, Canton.
 The *Moundridge Leader* (Independent). James M. Coutts, editor; Moundridge
 Publishing Company, proprietors, Moundridge.
 The *Marquette Monitor* (Republican). S. W. Hill, editor and proprietor, Mar-
 quette.
 The *Galva Times* (Neutral). Jas. A. Harris, publisher, Galva.

BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Canton.....	M. T. Fletcher.....	W. O. Gray.....	Canton.....	\$ 20,000	\$ 5,000
Bank of Kansas.....		George Schowe.....	Canton.....	30,000	
Bank of Galva.....		G. W. Hazna.....	Galva.....		
Farmers' State Bank.....	M. J. Wellsleger.....	A. E. Agrellius.....	Lindsborg.....	30,000	
First National Bank.....	B. F. Duncan.....	John A. Swenson.....	Lindsborg.....	50,000	27,000
Bank of Marquette.....	A. L. Dodge.....	G. N. Norton.....	Marquette.....	25,000	
Smoky Valley.....	(Heath, Darrah & Co.)	W. W. Russell.....	Marquette.....		
Central Bank.....	(E. G. Clarke).....		McPherson.....		
First National Bank.....	William J. Bell.....	Amos E. Wilson.....	McPherson.....	75,000	20,000
International Bank.....	Charles S. Porter.....	E. T. Porter.....	McPherson.....	50,000	5,000
McPherson National Bank.....	Eli P. Williams.....	W. H. Cottingham.....	McPherson.....	100,000	
Second National Bank.....	O. Heggelund.....	C. Aug. Heggelund.....	McPherson.....	50,000	3,500
State Bank of McPherson.....	H. C. Wilson.....		McPherson.....	50,000	
McKinley & Heliker Inv. Co.....	J. B. McKinley.....	W. B. McKinley.....	McPherson.....	500,000	
Bank of Moundridge.....	Alan L. Reid.....	John T. Toevs.....	Moundridge.....	10,000	2,500
State Bank of Superior.....	O. Heggelund.....	Leon Depp.....	Superior.....	12,500	2,000
Bank of Windom.....	Royal Matthews.....	R. E. Matthews.....	Windom.....	25,000	2,000

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

Officer.	Name.	Post-office address.
County Clerk.....	W. A. Morris.....	McPherson.
Treasurer.....	P. T. Linahom.....	McPherson.
Sheriff.....	Walace Gleason.....	McPherson.
Clerk District Court.....	L. C. McMurray.....	McPherson.
Probate Judge.....	A. C. Spillman.....	McPherson.
Register of Deeds.....	Alex. G. Kobb.....	McPherson.
Attorney.....	P. J. Galle.....	McPherson.
Superintendent of Schools.....	Alvin Chatterton.....	McPherson.
Surveyor.....	W. R. Duvall.....	McPherson.
Coroner.....	A. Engberg.....	McPherson.
Commissioners.....	S. Gilpin.....	Windom.
	J. A. Eakin.....	Superior.
	J. M. Underwood.....	Marquette.

POST OFFICES.

Alpha, Battle Hill, Canton, Conway, Delmore, Elyria, Galva, Groveland,	Johnstown, Lake View, Lindsborg, McPHERSON (C. H.), Marquette, Monitor, Moundridge, Roxbury,	Sharp's Creek, Smoky Hill, Sparta, Spring Valley, Superior, Wheatland, Windom, Winnesheik.
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Transactions of the Kansas State Board of Agriculture, 1887-88

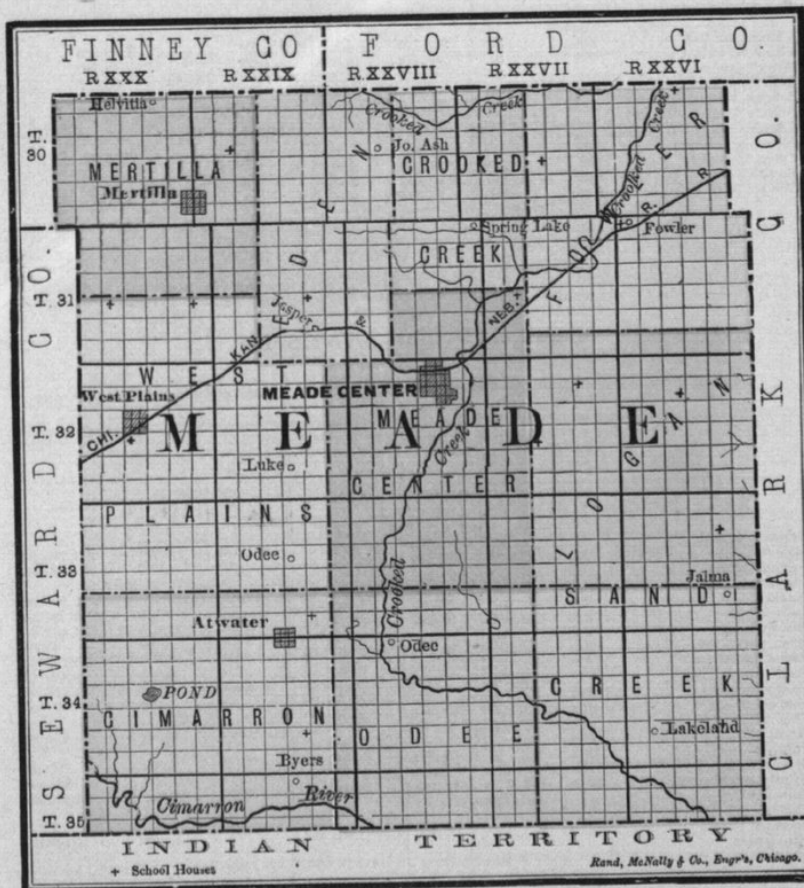
SIXTH BIENNIAL REPORT—MEADE COUNTY.

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MEADE COUNTY.

It was organized in 1885. Borders on the Indian Territory, and lies in the southwestern portion of the State. It has an area of 975 square miles, ranks as the eighty-fourth county in point of population, and has a density of 4.68 persons to each square mile. Meade Center, lying near the center, is the county seat.

MAP OF MEADE COUNTY, KANSAS, 1888.



The general surface is a rolling prairie, some bluffs and rough lands occurring in the southeastern portion. The valleys average one mile in width, and cover about 10 per cent. of the total area.

Timber is very scarce, a few groves occurring on some of the larger streams; cottonwood and elm are the principal varieties.

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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.....	4,407	4,561	\$518,983	\$99,098	\$138,203	\$191,438	\$947,722	\$164,764
School districts.....								21,395
Cimarron tow'p	179	303	\$39,722	\$ 4,155	\$ 1,203		\$ 45,080	
Crooked Cr'k t'p	365	855	38,422	4,880	478		43,780	
Eden township.		227	45,275	2,507			\$35,221	
Fowler tow'n's p.	844	677	60,300	15,660	17,160	61,303	154,324	30
Logan township		478	55,508	4,211			56,719	
Meade Center cy	688	1,144						
Meade Center t'p	536	468	91,040	46,835	97,620	42,345	277,840	29,588
Mertilla tow'n's p.	327	217	47,186	4,062	3,587		55,735	
Odessa township..	232	289	21,118	2,920			24,047	143
Sand Creek to'p	619	937	39,828	3,825	120		43,773	29
West Plains to'p	619	568	89,684	9,074	18,034	52,568	163,360	
Total.....								\$215,946

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.	797	7,600	\$ 4,908 50	133	2,394	\$ 1,795 50
Rye.....bu.	124	1,240	744 00	95	1,140	684 00
Spring wheat.....bu.						
Corn.....bu.	13,627	204,405	102,302 50	16,560	165,600	57,960 00
Barley.....bu.	101	2,020	808 00	25	125	37 50
Oats.....bu.	1,874	56,220	11,244 00	3,891	97,275	34,046 25
Buckwheat.....bu.	8	120	90 00	4	60	45 00
Irish potatoes.....bu.	291	23,280	17,460 00	315	12,600	15,750 00
Sweet potatoes.....bu.	72	7,200	7,200 00	144	8,640	8,640 00
Sorghum.....bu.	2,216		28,790 00	5,084		47,776 00
Castor beans.....bu.	6	60	54 00	38		190 00
Cotton.....lbs.	2	500	40 00			
Flax.....bu.	1	10	8 50	149		670 50
Hemp.....lbs.						
Tobacco.....lbs.	5	3,000	300 00	5	3,000	300 00
Broom corn.....lbs.	27	16,200	567 00	434	217,000	7,595 00
Millet and Hungarian.....tons	5,577	11,154	44,616 00	8,036	16,072	80,360 00
Timothy.....tons	13			12		
Clover.....tons	33			164		
Orchard grass.....tons		* 211	1,055 00		+ 480	2,880 00
Blue grass.....tons						
Other tame grasses.....tons	95			64		
Prairie, under fence.....tons	7,158	4,030	12,090 00	5,220	5,828	17,484 00
Total.....	31,909		\$232,267 50	40,373		\$276,213 75

*Product of 1886. +Product of 1887.

Wheat on hand—March 1, 1887, 30 bushels; March 1, 1888, — bushels.
Corn on hand—March 1, 1887, 14,935 bushels; March 1, 1888, 2,442 bushels.

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MEADE COUNTY.

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Sandstone and limestone, not of the best quality, are found in the northern and southern portions. Gypsum in small quantities occurs in the eastern portion. A short distance from Meade Center there is, upon a high prairie, a depression of the surface, about two hundred feet in diameter, filled with very strong salt water, and it is thought that there is beneath it a large deposit of salt.

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	1,651	\$148,590 00	1,927	\$173,430 00	79	71
Mules and asses.....	508	50,800 00	608	60,800 00	4	10
Milch cows.....	1,476	29,520 00	1,897	37,940 00	101	43
Other cattle.....	4,254	85,080 00	5,294	105,880 00	100	54
Sheep.....	657	1,714 00	1,749	3,498 00	.....	* 2
Swine.....	1,152	8,064 00	1,726	13,808 00	181	150
Total.....	9,898	\$323,768 00	13,201	\$395,356 00	465	330

Herd law, in force.

* Including the number of head killed by dogs.
Number of dogs in county, March 1, 1887, 469.
Number of dogs in county, March 1, 1888, 632.

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	31,999	\$232,267 50	40,373	\$276,213 75
Animals slaughtered and sold for slaughter .....	.....	5,831 00	.....	15,586 00
Value of the increase in live stock.....	.....	96,885 00	.....	70,436 00
Wool clip.....	3,170	570 60	.....	.....
Butter.....	34,698	5,204 70	65,461	11,782 98
Cheese.....	300	86 00	481	57 72
Honey and bees-wax.....	.....	132 00	.....	2,554 00
Milk sold.....	.....	65 00	.....	.....
Horticultural products marketed .....	.....	.....	.....	.....
Wine manufactured.....	.....	3,667 00	.....	2,415 00
Garden products marketed .....	.....	3,994 00	.....	4,234 00
Poultry and eggs sold.....	.....	3 00	.....	.....
Wood marketed.....	.....	.....	.....	.....
Total .....	.....	\$348,655 80	.....	\$383,379 45

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.....	86	89	84	83	82	84	84	75	85
1888.....	84	88	85	100	80	85	83	51	80

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KANSAS STATE BOARD OF AGRICULTURE.

HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries	35	7
Apple	522	136	Blackberries	82	5
Pear	18	3	Strawberries	28	4
Peach	27	379	Total	145	16
Plum	12	1			
Cherry	12	60			
Total	591	579	ARTIFICIAL FOREST.		
<i>Number not in bearing.</i>			<i>Acres of trees one year old and over.</i>		
Apple	22,500	18,030	Walnut	2,158	95
Pear	820	1,709	Maple	476	23
Peach	46,855	46,770	Honey locust	417	49
Plum	2,620	3,073	Cottonwood	1,904	280
Cherry	1,949	2,206	Other varieties	2,545	271
Total	74,744	71,788	Total	7,500	718
			Acres in nurseries	153	14
			Acres in vineyards	19	2

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	19		
Christian	3	170	1	\$2,800
Congregational	3	40		
Lutheran	1	8		
Methodist Episcopal	4	212	3	4,500
Presbyterian	2	45	1	6,000
Roman Catholic	3	150	1	2,000
United Presbyterian	1	21		
Total	19	665	6	\$15,300

PUBLIC SCHOOLS.

Number of organized districts, 57; school population for 1888, 1,704.

NEWSPAPERS.

The *Meade County Globe* (Republican). Frank Fuhr, editor, publisher, and proprietor, Meade Center.

Meade County Press-Democrat (Democratic). H. W. Brown, editor and publisher, Meade Center.

The *Meade Republican* (Republican). T. J. Palmer, editor and proprietor, Meade Center.

Fowler City Graphic (Republican). I. A. Strauss, editor; O. S. Hurd, publisher and proprietor, Fowler City.

The *West Plains Mascot* (Republican). H. B. Stone, editor, West Plains.

The *Hornet* (Republican). C. K. Sourbeer, editor; Sourbeer Bros., publishers, Artesian City.

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MIAMI COUNTY.

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BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Fowler City Bank.....	William Beaty..	O. S. Hurd..	Fowler... ..	\$10,000	\$ 700
Citizens' State Bank.....	George C. Strong	Coleman Rogers	Meade Center	25,000	.....
Farmers' & Stock Growers' Bk.	O. B. Hamilton..	O. Hamilton...	Meade Center	20,000	1,000
First National Bank.....	M. J. O'Meara...	M. H. Ewart...	Meade Center	50,000	5,000
Meade County National Bank.	A. H. Heber.....	W. G. Emerson..	Meade Center	50,000	10,000
Bank of West Plains.....	B. B. Brown.....	W. C. Gould....	West Plains..	20,000	.....

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

Officer.	Name.	Post-office address.
County Clerk.....	L. E. Brown	Meade Center.
Treasurer.....	C. S. Rockey.....	Meade Center.
Sheriff	George F. Eckert.....	Meade Center.
Clerk District Court.....	Fillmore Hudson.....	Meade Center.
Probate Judge.....	W. D. Hudson.....	Meade Center.
Register of Deeds.....	Jesse Summers.....	Meade Center.
Attorney.....	R. W. Griggs.....	Meade Center.
Superintendent of Schools.....	N. H. Mendenhall.	Meade Center.
Surveyor.....	K. F. Smith.....	Meade Center.
Coroner.....	William Lake.....	Meade Center.
Commissioners.. ..	E. D. Smith.....	Meade Center.
	E. M. Mears.....	West Plains.
	J. H. Randolph.....	Meade Center.

POST OFFICES.

Atwater, Byers, Fowler, Helvetia, Jalma,	Jasper, Joash, Lakeland, Luke, MEADE CENTER (C. H.),	Mertilla, Odee, Spring Lake, West Plains.
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MIAMI COUNTY.

Is in the second tier of counties from the Kansas river on the north, and borders on the State of Missouri on the east. It was organized under the name of Lykins in 1855, but after the State was admitted into the Union, in 1861, its present name was given it. It has an area of 588 square miles, ranks as the thirty-sixth county in population, and has 27.63 people to the square mile. The city of Paola, lying a little west of the center, is the county seat, contains a population of 2,824, and ranks as the thirty-fifth city in size in the State. The town of Louisburgh, in the northeastern portion, Osawatomie and Fontana, in the southwestern and south-central portions, are places of much importance. One of the State Asylums for the care of the insane is located at the first-named place.

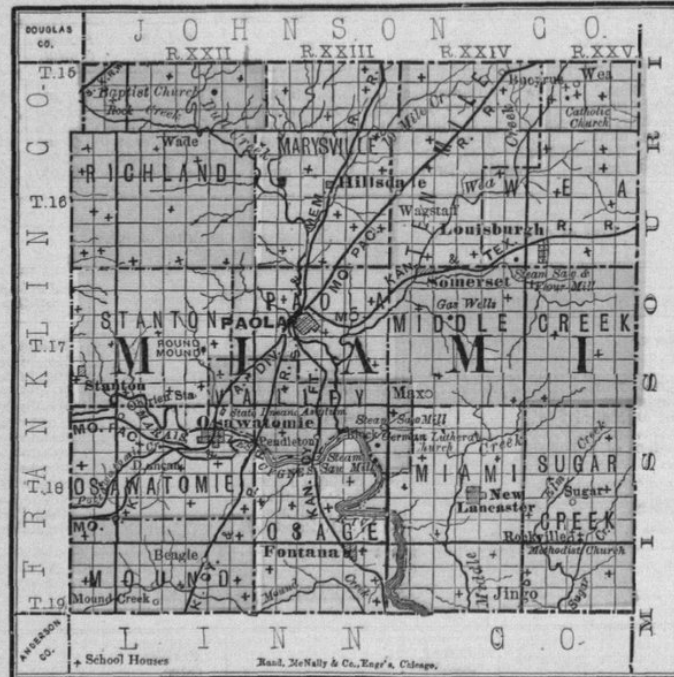
The general surface is an undulating prairie, with a few bluffs and rough lands on the streams. The valleys of the rivers and creeks average one mile in width, and aggregate 20 per cent. of the county area.

Transactions of the Kansas State Board of Agriculture, 1887-88

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KANSAS STATE BOARD OF AGRICULTURE.

MAP OF MIAMI 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.
	1887.	1888.	Land.	Personal.	City lots.	Railroad property.		
The county.....	18,013	16,249	\$2,463,835	\$824,337	\$531,938	\$560,431	\$4,380,541	\$225,000
School districts.....								6,590
Marysville to p.....	1,671	1,532	\$240,015	\$ 53,177	\$ 7,480	\$119,275	\$419,947	.....
Miami township.....	1,052	1,031	171,760	41,630	2,420	.....	215,810	.....
Middle Creek t p.....	1,299	1,180	227,523	52,421	3,063	23,817	306,824	.....
Mound towns p.....	705	627	117,977	25,935	.....	.....	143,912	.....
Fontana city.....	249	263	.....	.....	.....	.....	.....	.....
Osage township.....	959	854	153,045	42,802	14,425	76,839	287,111	.....
Osawatimiecity.....	524	719	.....	.....	.....	.....	.....	.....
Osawatimie t p.....	1,312	1,836	161,765	43,520	88,395	89,025	383,905	33,000
Paola township.....	746	651	196,945	28,308	.....	77,537	302,790	10,000
Richland town p.....	1,247	1,357	296,030	71,527	.....	12,210	379,767	.....
Stanton towns p.....	831	802	162,170	45,756	500	.....	208,516	.....
Sugar Creek t p.....	759	715	145,300	39,017	.....	.....	184,317	.....
Valley township.....	813	782	139,500	32,365	.....	48,406	220,261	.....
Louisburgh city.....	886	773	.....	.....	.....	.....	.....	.....
Wea township.....	1,828	1,324	451,805	166,739	53,747	74,119	746,410
Paola city.....	3,132	2,824	181,140	361,818	38,508	581,466	39,200
Total.....								\$313,790

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SIXTH BIENNIAL REPORT—MIAMI COUNTY.

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The county is plentifully supplied with timber, the belts along the streams averaging from one-fourth to one mile in width, and groves of artificial forest appear upon many of the upland farms. The varieties of native timber found are: Walnut, oak, hickory, hackberry, ash, elm, soft maple, cottonwood, coffee-bean, and box-elder.

Limestone and sandstone, excellent for building purposes, are found in nearly every portion. A fine quality of marble is quarried at Fontana, and the product shipped to all portions of the State; it is held in much esteem by builders. A coralline marble is found on Pottawatomie creek, near the town of Osawatimie. A colored marble, making an excellent building material, is found three miles west of Osawatimie, and is largely utilized. The county abounds in good building stone, which is

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.	1,101	11,010	\$ 7,156 50	1,526	21,364	\$ 16,877 56
Rye.....bu.	44	600	264 00	299	5,980	4,186 00
Spring wheat.....bu.	8	80	52 00			
Corn.....bu.	82,323	1,234,845	432,195 75	95,281	3,525,397	987,111 16
Barley.....bu.	5	100	40 00			
Oats.....bu.	26,422	792,660	182,311 80	26,174	785,220	172,748 40
Buckwheat.....bu.	1	15	11 25	20	600	300 00
Irish potatoes.....bu.	1,284	102,720	77,040 00	1,317	86,922	56,499 30
Sweet potatoes.....bu.	22	2,200	2,200 00	8	600	600 00
Sorghum.....bu.	226		5,650 00	238		8,656 00
Castor beans.....bu.	1,664	13,312	11,980 80	94	752	752 00
Cotton.....lbs.	2	500	40 00			
Flax.....bu.	16,673	166,730	141,720 50	16,721	117,047	105,842 30
Hemp.....lbs.	1	600	60 00	2	1,200	120 00
Tobacco.....lbs.	124	74,400	2,604 00	9	4,500	157 50
Broom corn.....lbs.	5,274	10,548	42,192 00	4,832	9,664	38,656 00
Millet and Hungarian.....tons	22,238			22,653		
Timothy.....tons	7,149			6,455		
Clover.....tons	257	* 18,885	94,425 00	525	† 15,617	93,702 00
Orchard grass.....tons	932			1,172		
Blue grass.....tons	5,574			3,003		
Other tame grasses.....tons	44,008	14,548	43,644 00	25,303	10,544	42,176 00
Prairie, under fence.....tons						
Total.....	215,322		\$1,043,587 60	205,632		\$1,527,884 22

* Product of 1886. † Product of 1887.

Wheat on hand—March 1, 1887, 8,469 bushels; March 1, 1888, 3,254 bushels.
Corn on hand—March 1, 1887, 300,566 bushels; March 1, 1888, 212,840 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.....	10,711	\$963,990 00	10,702	\$963,180 00	163	196
Mules and asses.....	1,598	159,800 00	1,382	138,200 00	16	11
Milch cows.....	8,672	173,440 00	9,006	198,120 00	132	138
Other cattle.....	21,244	434,880 00	20,986	419,720 00	246	244
Sheep.....	645	1,290 00	470	940 00	* 22	* 33
Swine.....	30,035	210,245 00	25,495	203,960 00	10,892	2,338
Total.....	72,905	\$1,933,645 00	68,941	\$1,924,120 00	11,471	2,900

* Including the number of head killed by dogs.
Number of dogs in county, March 1, 1887, 2,374.
Number of dogs in county, March 1, 1888, 2,045.

Herd law, not in force.

Transactions of the Kansas State Board of Agriculture, 1887-88

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KANSAS STATE BOARD OF AGRICULTURE.

much used in the construction of fences, buildings, and bridges. Small veins of coal, from twelve to eighteen inches in thickness, exist in several places, and are mined in a limited way for home consumption. Two miles southwest of Louisburgh a fair quality of fire-clay exists and is being manufactured. Potter's clay has been found in several localities, and has been utilized to a small extent. Salt water is found in nearly all of the deep wells.

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	215,322	\$1,043,587 60	205,632	\$1,527,884 22
Animals slaughtered and sold for slaughter....		771,855 00		490,329 00
Value of the increase in live stock.....		150,503 00		
Wool clip.....lbs.	90	16 20	152	27 36
Butter.....lbs.	400,320	60,048 00	374,872	56,230 80
Cheese.....lbs.	2,525	303 00	1,673	200 76
Honey and bees-wax.....lbs.	13,963	2,801 75	4,019	803 80
Milk sold.....		278 00		4,892 00
Horticultural products marketed.....		4,833 00		6,659 00
Wine manufactured.....gals.	969	969 00	475	475 00
Garden products marketed.....		2,396 00		3,720 00
Poultry and eggs sold.....		24,349 00		24,602 00
Wood marketed.....		4,855 00		3,525 00
Total.....		\$2,066,164 55		\$2,119,348 94

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	31	20	18	70	20	15	32	81	21
1888	35	24	26	73	25	19	32	88	20

HORTICULTURE, ETC.

FRUIT TREES.		1887.	1888.	SMALL FRUITS—ACRES.		1887.	1888.
<i>Number of trees in bearing.</i>				Raspberries.....		20	17
Apple.....		115,227	93,165	Blackberries.....		42	22
Pear.....		2,896	2,343	Strawberries.....		12	17
Peach.....		24,644	21,500	Total.....		74	56
Plum.....		4,340	3,491	ARTIFICIAL FOREST.		1887.	1888.
Cherry.....		29,811	22,409	<i>Acres of trees one year old and over.</i>			
Total.....		176,918	142,968	Walnut.....		73	40
<i>Number not in bearing.</i>				Maple.....		63	166
Apple.....		26,494	23,628	Honey locust.....		4	
Pear.....		1,561	1,849	Cottonwood.....		23	8
Peach.....		4,742	4,461	Other varieties.....		677	48
Plum.....		1,675	1,851	Total.....		840	292
Cherry.....		3,630	5,071	Acres in nurseries.....		175	241
Total.....		38,102	36,860	Acres in vineyards.....		72	39

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MIAMI COUNTY.

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Natural gas has been discovered in several places, the city of Paola being lighted and heated to a large extent with this gas.

Springs are numerous, and well-water is easily obtained from twelve to thirty feet in depth. The Marais des Cygnes river is the principal stream.

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 and tile manufactories.....	2	\$ 1,000	Hand.	19	\$5,200	\$ 1,480	\$ 9,000
Carriage works.....	3	20,000	Steam & hand.	24	8,100	8,175	20,000
Flour mills.....	3	70,000	Steam.	15	9,375	78,000	172,000
Total	8	\$91,600		58	\$22,675	\$87,655	\$301,000

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.....	3	50	1	\$ 1,000
Baptist.....	13	773	3	9,300
Christian.....	4	280	4	6,700
Congregational.....	2	119	2	8,000
Dunkard.....	1	35		50
Episcopal.....	1	10		
Friends.....	1	110	1	1,800
Methodist Episcopal.....	11	780	6	19,000
Presbyterian.....	3	226	3	7,000
Roman Catholic.....		610	3	
United Brethren.....	6	153	1	300
Total	45	3,146	24	\$53,150

PUBLIC SCHOOLS.

Number of organized districts, 99; school population for 1888, 6,427. Average monthly wages paid teachers: Males, \$40.81; females, \$36.23. Total value of school property in the county, \$138,000.

NEWSPAPERS.

The *Western Spirit* (Democratic). B. J. Sheridan, editor, publisher, and proprietor, Paola.
 The *Miami Republican* (Republican). W. D. Greason, editor, publisher, and proprietor, Paola.
 The *Paola Times* (Democratic). Aaron D. States, editor; D. D. Pratt, publisher, Paola.
 The *Louisburgh Herald* (Democratic). R. A. Wright, editor and proprietor, Louisburgh.

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MIAMI COUNTY.

313

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Springs are numerous, and well-water is easily obtained from twelve to thirty feet in depth. The Marais des Cygnes river is the principal stream.

Oil at Paola, Kan.

Special Correspondence of the Globe-Democrat.

PAOLA, KAN., May 15. —The last lubricating oil and gas well, recently drilled by the Paola Natural Gas Company, was shot yesterday with a quantity of nitro-glycerine. The oil went 15 feet over the large derrick, and has since flowed a steady stream of the very best quality of lubricating oil. All the available empty barrels in Paola and surrounding towns are being taken out to the well, and over twenty-five barrels of fine oil have gone to waste for the lack of barrels. The company is building in all haste a tank. This settles the question that there are, besides natural gas, heavy pools of fine lubricating oil surrounding Paola.

MANUFACTURING INDUSTRIES.

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..
\$ 1,000	Hand.	19	\$5,200	\$ 1,480	\$ 9,000
20,000	Steam & hand.	24	8,100	8,175	20,000
70,000	Steam.	15	9,375	78,000	172,000
\$91,600	58	\$22,675	\$87,655	\$201,000

CHURCHES.

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Baptist.....	13	773	3	9,300
Christian.....	4	280	4	6,700
Congregational.....	2	119	2	8,000
Dunkard.....	1	35	50
Episcopal.....	1	10
Friends.....	1	110	1	1,800
Methodist Episcopal.....	11	780	6	19,000
Presbyterian.....	3	236	3	7,000
Roman Catholic.....	610	3
United Brethren.....	6	153	1	300
Total.....	45	3,146	24	\$53,150

PUBLIC SCHOOLS.

Number of organized districts, 99; school population for 1888, 6,427. Average monthly wages paid teachers: Males, \$40.81; females, \$36.23. Total value of school property in the county, \$138,000.

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 The *Louisburgh Herald* (Democratic). R. A. Wright, editor and proprietor, Louisburgh.

Transactions of the Kansas State Board of Agriculture, 1887-88

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KANSAS STATE BOARD OF AGRICULTURE.

Osawatomie Graphic (Independent). Frank Pyle and Merritt E. Springer, editors and proprietors, Osawatomie.

Osawatomie Advertiser (Neutral). A. F. Meek, president; W. H. Campbell, secretary; G. N. Marley, publisher, Osawatomie.

The *Fontana News* (Neutral). M. Bramblet, editor and publisher, Fontana.

BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Louisburgh.....	M. Reed	P. W. Goebel...	Louisburgh.	\$ 50,000	\$ 5,000
Osawatomie Bank	E. W. Warfield.	F. R. Warfield..	Osawatomie	20,000	.....
Miami County National Bank.	J. W. Sponable..	Wm. Crowell...	Paola.....	100,000	10,000
National Bank of Paola.....	E. Gilmore.....	L. C. Gilmore...	Paola.....	100,000	2,500

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

Officer.	Name.	Post-office address.
County Clerk.....	H. A. Floyd.....	Paola.
Treasurer.....	J. W. Bryan.....	Paola.
Sheriff.....	G. D. Barkalon.....	Paola.
Clerk District Court.....	J. R. Voglesong.....	Paola.
Probate Judge.....	J. C. Collins.....	Paola.
Register of Deeds.....	W. Masters.....	Paola.
Attorney.....	W. H. Sheldon.....	Paola.
Superintendent of Schools.....	M. L. Zercher.....	Louisburgh
Surveyor.....	N. J. Roscoe.....	Paola.
Coroner.....	A. Reichard.....	Paola.
Commissioners.....	Thomas Crawford.....	Paola.
	J. H. Bruner.....	Fontana.
	R. Hampson.....	Hillsdale.

POST OFFICES.

Block, Bucyrus, Fontana, Hillsdale, Jingo, Louisburgh, Max,	Mound Creek, New Lancaster, Osawatomie, PAOLA (C. H.), Pendleton, Rockville, Somerset,	Stanton, Sugar, Wade, Wagstaff, Wea.
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MITCHELL COUNTY.

Lies in the north-central portion of the State, in the second tier of counties south from the Nebraska border. It was organized in 1870, has 720 square miles of territory, and ranks as the thirty-fifth county in the State in point of population. Of the number of inhabitants, there are 22.62 to the square mile. The city of Beloit, on the Solomon river, north and east of the center, is the county seat, and ranks as the thirty-fifth city in the State, having a population of 2,710. Cawker City, in the north-western portion, has a population of 1,162, and ranks as the ninety-seventh city in the State.

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MITCHELL COUNTY.

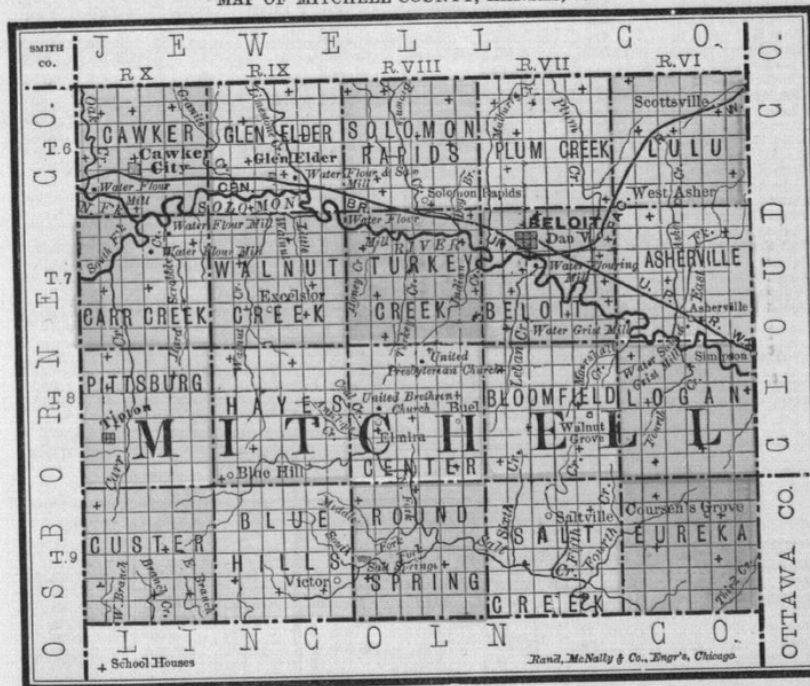
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Of the general surface, 70 per cent. is undulating, 20 per cent. bottom-land, and 10 per cent. bluffs and stony land, unfit for cultivation. The bottoms of the Solomon are very wide, in some places extending to a distance of three miles, while those on the creeks are from one-fourth to one-half mile in width.

Timber belts average one-fourth of a mile in width, and contain the following variety of trees: Cottonwood, oak, ash, walnut, hackberry, red and white elm, and box-elder.

Magnesian limestone and sandstone abound in all portions of the county, principally in the bluffs on the banks of the streams. The limestone is much used in buildings and fences, and is found in layers averaging a thickness of eight inches; it

MAP OF MITCHELL COUNTY, KANSAS, 1888.



is very soft when first quarried, but hardens rapidly from exposure. The sandstone is an excellent building material, and is much used. Potter's clay exists near Cawker City and Beloit, and through the central portion of the county. Gypsum is found in small quantities in several localities. Salt springs and marshes are abundant on Salt creek, in the southern portion, while a few are found on Carr and Hard Scrabble creeks. The "Great Spirit" spring, two and one-half miles southeast of Cawker City, is heavily impregnated with salt. Coal is found in several localities, and is mined to a limited extent for home use.

But few springs exist, although there are several very large ones, and well-water is easily reached at an average depth of sixteen feet. The North and South Forks of the Solomon enter the county on the western border, and, flowing southeast and northeast for a distance of about three miles, form a junction and make the Solomon river.

Transactions of the Kansas State Board of Agriculture, 1887-88

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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.....	16,743	16,283	\$2,178,591	\$554,212	\$633,525	\$280,152	\$3,646,480	\$50,000
School districts.....								37,601
Asherville tow'p	747	697	\$138,020	\$ 24,360		\$33,507	\$105,887	
Beloit township.	842	994	192,965	17,720	\$ 12,000	57,340	280,025	
Bloomfield to'p.	636	645	106,116	13,810			119,926	
Blue Hill town'p	444	463	63,615	11,315			74,930	
Carr Creek to'p.	506	487	117,896	15,495			133,391	2,335
Cawker City.....	1,187	1,162						
Cawker town's'p	627	685	151,388	100,225	144,032	38,595	434,240	20,000
Center township	548	531	97,284	15,595			112,879	
Custer township	415	450	64,482	9,260			73,742	300
Eureka town's'p.	381	414	74,540	7,940			82,480	
Glen Elder to'p.	1,266	1,063	149,981	48,805	33,154	37,293	269,233	5,000
Hayes township	525	537	68,666	7,570			76,236	
Logan township	828	734	99,505	18,565	8,490	7,635	134,195	
Lulu township..	801	843	142,610	26,035	9,439	49,074	227,158	
Pittsburg tow'p.	540	580	70,912	3,990	6,370		81,272	
Plum Creek to'p	566	522	134,730	22,080		1,413	158,223	
Round Spri'g to'p	301	270	65,980	7,570			73,550	
Salt Creek to'p..	461	438	77,284	11,615			88,899	
Solom'n Rpd'stp	590	573	135,903	10,150		11,899	157,892	
Turkey Creek tp	749	727	108,526	16,530		25,012	150,068	
Walnut Creek tp	773	758	118,188	9,525			127,713	
Beloit city.....	3,010	2,710		156,057	420,040	18,438	594,535	58,550
Total.....								\$173,786

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.	12,140	121,400	\$ 72,840 00	14,071	295,491	\$300,933 88
Rye.....bu.	3,748	37,480	14,992 00	5,162	98,078	36,288 86
Spring wheat.....bu.	227	2,270	1,362 00	1,342	8,052	4,428 00
Corn.....bu.	31,029	558,522	223,408 80	16,400	213,200	89,544 00
Barley.....bu.	50	1,000	400 00	223	6,460	2,361 00
Oats.....bu.	18,736	562,080	140,520 00	19,282	636,206	190,987 32
Buckwheat.....bu.	9	135	101 25	169	2,535	2,535 00
Irish potatoes.....bu.	1,532	122,560	91,920 00	1,456	43,680	24,024 00
Sweet potatoes.....bu.	53	5,300	5,300 00	102	7,140	7,140 00
Sorghum.....bu.	632		17,690 00	1,094		10,270 00
Castor beans.....bu.	24	240	216 00			
Cotton.....lbs.			170 00	100	900	810 00
Flax.....bu.	25	200				
Hemp.....lbs.			60 00	1	600	60 00
Tobacco.....lbs.	456	273,600	9,576 00	155	124,000	4,340 00
Broom corn.....lbs.	4,015	8,030	40,150 00	5,167	10,334	51,670 00
Millet and Hungarian.....tons	1,226			973		
Timothy.....tons	253			315		
Clover.....tons	325	* 1,564	12,512 00	143	+ 1,968	11,808 00
Orchard grass.....tons	93			147		
Blue grass.....tons	246			192		
Other tame grasses.....tons	50,873	31,678	126,712 00	58,318	29,659	96,391 75
Prairie, under fence.....tons						
Total.....	125,693		\$757,930 05	124,912		\$682,492 41

* Product of 1886. + Product of 1887.

Wheat on hand—March 1, 1887, 20,409 bushels; March 1, 1888, 9,377 bushels.

Corn on hand—March 1, 1887, 521,033 bushels; March 1, 1888, 84,442 bushels.

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MITCHELL COUNTY.

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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.....	8,764	\$788,760 00	10,084	\$907,560 00	231	287
Mules and asses.....	750	75,000 00	728	72,800 00	13	23
Milch cows.....	9,474	189,480 00	10,450	209,000 00	134	203
Other cattle.....	19,348	386,960 00	23,158	463,160 00	1,024	847
Sheep.....	22,300	44,400 00	15,779	31,558 00	* 282	* 425
Swine.....	30,675	214,725 00	21,578	172,024 00	8,504	4,725
Total.....	91,211	\$1,699,325 00	81,777	\$1,856,702 00	10,188	6,510

Herd law, in force.

* Including the number of head killed by dogs.
Number of dogs in county, March 1, 1887, 1,902. Number of dogs in county, March 1, 1888, 1,985.

SUMMARY

SHOWING 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	125,693	\$757,930 05	124,912	\$682,492 41
Animals slaughtered and sold for slaughter.....		436,310 00		416,465 00
Value of the increase in live stock.....		166,434 00		126,702 00
Wool clip.....lbs.	185,976	33,475 68	112,280	20,210 40
Butter.....lbs.	493,741	74,061 15	526,455	78,968 25
Cheese.....lbs.	5,805	696 60	1,853	222 36
Honey and bees-wax.....lbs.	1,100	221 25	1,140	228 00
Milk sold.....		78 00		17,286 00
Horticultural products marketed.....		400 00		1,054 00
Wine manufactured.....gals.	62	62 00	16	16 00
Garden products marketed.....		5,048 00		7,432 00
Poultry and eggs sold.....		37,166 00		45,023 00
Wood marketed.....		463 00		4,114 00
Total.....		\$1,512,345 73		\$1,400,213 42

HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
<i>Number of trees in bearing.</i>			Raspberries	7	21
			Blackberries	3	6
			Strawberries.....	2	26
Apple	21,325	29,955	Total	12	53
Pear	254	2,897			
Peach	23,017	35,152	ARTIFICIAL FOREST.		
Plum	5,188	7,341	1887.		
Cherry.....	10,715	12,103	1888.		
Total	60,499	87,538	<i>Acres of trees one year old and over.</i>		
<i>Number not in bearing.</i>			Walnut	155	245
Apple	86,168	79,509	Maple.....	28	48
Pear	1,516	2,332	Honey locust	23	129
Peach	24,528	26,423	Cottonwood	793	1,230
Plum	6,711	10,506	Other varieties	1,394	1,730
Cherry	16,973	13,801	Total	2,393	3,382
Total	135,896	132,571	Acres in nurseries.....	20	486
			Acres in vineyards	16	28



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KANSAS STATE BOARD OF AGRICULTURE.

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.....	36	44	42	19	42	38	33	5	19
1888.....	35	42	51	27	23	29	23	5	25

MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of estab- lishments.....	Amount of capi- tal invested....	Motive power ...	Average No. of hands employed	Total amount paid in wages during the year.	Value of	
						Raw material used....	Product..
Broom factory.....	1	\$ 500	Hand.	2	\$ 456	\$ 427	\$ 1,147
Flour mills	4	140,000	Water.	22	11,858	217,360	278,920
Foundry	1	3,500	Steam.	5	2,500	3,500	9,000
Harness shop.....	1	3,000	Hand.	2	650	1,000	2,200
Total	7	\$147,000	.....	31	\$15,464	\$222,287	\$391,267

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 or- ganiza- tions.	Aggre- gate mem- bership.	No. of church edifices.	Value of church property.
Baptist	7	491	4	\$ 9,700
Christian	3	185	1	.....
Congregational	1	37	1	2,500
Episcopal	1	.....	1	7,000
Friends	2	275	2	1,500
Methodist Episcopal	14	1,290	8	11,500
Presbyterian	4	204	2	8,500
Roman Catholic.....	4	1,030	3	7,500
United Presbyterian	3	113	3	2,000
Wesleyan Methodist.....	1	25	1	1,000
Total.....	40	3,650	25	\$51,600

DENOMINATIONAL SCHOOLS.

NAME OF ORGANIZATION.	Average yearly at- tendance.	Average monthly salaries paid teachers.	No. of school buildings.	Value of buildings and other school property.
Friends Academy (Friends)	32	\$60	1	\$3,000
Parochial school (Catholic).....	60	20	1	1,000
Total.....	.....	.....	2	\$4,000

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MITCHELL COUNTY.

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PUBLIC SCHOOLS.

Number of organized districts, 111; school population for 1888, 6,010. Average monthly wages paid teachers: Males, \$43.80; females, \$38.10. Total value of school property in the county, \$115,140.

NEWSPAPERS.

The *Beloit Gazette* (Republican) S. H. Dodge, editor, publisher, and proprietor, Beloit.
Beloit Weekly Courier (Republican). W. H. Caldwell, editor and proprietor, Beloit.
The *Western Democrat* (Democratic). H. A. Yonge, publisher and proprietor, Beloit.
Cawker City Journal (Republican), by Austin L. Topliff, Cawker City.
Public Record (Republican). L. L. Alrich, editor and publisher, Cawker City.
The *Weekly Times* (Republican). J. W. McBride, editor and proprietor, Cawker City.
Glen Elder (Republican). N. F. Hewett, editor, Glen Elder.
Scottsville Independent (Republican). Frank M. Coffey, editor and publisher, Scottsville.

BANKS IN COUNTY.

NAME OF BANK.	President.	Cashier.	Post-office address.	Paid-up capital.	Surplus.
Bank of Beloit.....	A. N. Schuster....	C. J. Brown.....	Beloit.....	\$ 30,000	.....
Beloit State Bank.....	Henry Casey.....	W. S. Search....	Beloit.....	60,000	.....
First National Bank.....	Alex. Campbell....	H. A. Phelps.....	Beloit.....	50,000	\$50,000
Farmers' & Merchants' Bk.....	U. G. Paris.....	Lincoln Paris....	Cawker City	.....	.....
Cawker City State Bank..	E. E. Parker.....	W. A. Remfey....	Cawker City	100,000	.....
Bank of Glen Elder.....	O. F. Page.....	R. G. Heard.....	Glen Elder..	30,000	.....
Bank of Scottsville.....	W. W. Caldwell...	C. H. Sawyer....	Scottsville..	.....	.....

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

Officer.	Name.	Post-office address.
County Clerk.....	A. Del Moon.....	Beloit.
Treasurer.....	R. W. Lundy.....	Beloit.
Sheriff.....	John L. Graham.....	Beloit.
Clerk District Court.....	C. F. Bozell.....	Beloit.
Probate Judge.....	M. M. Rowley.....	Beloit.
Register of Deeds.....	John Bartleson.....	Beloit.
Attorney.....	F. J. Knight.....	Beloit.
Superintendent of Schools.....	J. M. Cox.....	Beloit.
Surveyor.....	A. Andrews.....	Beloit.
Coroner.....	H. E. Pratt.....	Beloit.
Commissioners.....	L. D. Cunningham.....	Beloit.
	Joseph Carney.....	Beloit.
	H. C. Kyle.....	Beloit.

POST OFFICES.

Asherville, Beloit (C. H.), Blue Hill, Buel, Cawker City, Coursen's Grove,	Elmira, Glen Elder, Saltville, Scottsville, Simpson, Solomon Rapids,	Tipton, Victor, Walnut Grove, West Asher.
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Transactions of the Kansas State Board of Agriculture, 1887-88

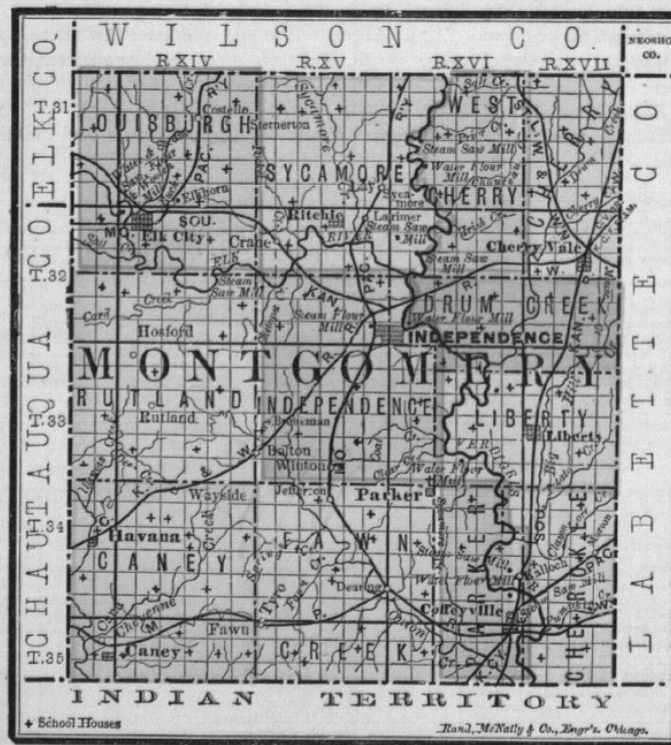
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KANSAS STATE BOARD OF AGRICULTURE.

MONTGOMERY COUNTY.

Borders on the Indian Territory on the south, and is the third county west of the Missouri State line. It was organized in 1869, and has an area of 648 square miles. It has a population to the square mile of 36.02, and ranks as the nineteenth county in the State in number of inhabitants. The city of Independence, situated on the Verdigris river, north and east of the center, is the county seat, and ranks as the thirtieth city

MAP OF MONTGOMERY COUNTY, KANSAS, 1888.



in the State, having a population of 3,305. The city of Cherryvale, lying in the northeastern portion, has a population of 2,219, and ranks as the forty-eighth city in size in the State. Several railroads converge at this point, and it is a place of much importance to southeastern Kansas. The city of Coffeyville, in the southeastern portion, has a population of 2,052, and ranks as the fifty-seventh city in the State. It has a large trade in the Indian Territory, being one of the most important towns on the southern border. The city of Elk City, in the northwestern portion, has a population of 1,012, and ranks as the one hundred and sixth city in the State in number of inhabitants.

Transactions of the Kansas State Board of Agriculture, 1887-88

SIXTH BIENNIAL REPORT—MONTGOMERY COUNTY. 321

The surface is a gently undulating prairie, interspersed occasionally with mounds and high lands. Bottoms comprise 25 per cent. of the total area, and average one and one-half miles in width.

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.....	25,960	23,342	\$1,801,842	\$595,508	\$840,504	\$844,035	\$4,081,889	\$318,310
School districts.....								39,700
Caney township	1,719	1,691	\$151,373	\$ 43,465	\$ 18,087	\$ 77,122	\$290,047	22,000
Cherokee tow'n p.	844	799	124,181	16,700	1,737	63,627	206,245	33,536
Cherry towns'p.	1,000	994	108,867	23,001	1,259	121,940	255,067	23,000
Drum Creek t'p.	661	935	131,560	15,829		44,627	192,016	
Fawn Creek t'p.	1,268	1,396	147,525	43,590	405	66,584	258,104	
Independence tp	1,971	1,702	254,113	33,340	10,015	112,230	409,698	74,700
Liberty towns'p	1,589	1,299	145,705	19,351	17,385	32,736	215,167	
Elk City.....	1,040	1,012	204,185	48,537	51,135	106,862	410,719	46,000
Louisburgh to'p	1,526	1,445	127,078	27,215	1,108	41,216	196,617	51,000
Parkertownship	840	745	137,100	21,092		36,018	174,210	
Rutland town'p.	1,267	1,281	168,400	44,189	1,078	63,694	277,361	22,000
Sycamore tow'p.	1,575	1,610	101,755	12,802		31,028	145,585	
West Cherry t'p	1,000	857	55,905	116,096		19,925	191,896	
Coffeyville city.	2,020	2,032	61,510	202,498		32,232	296,240	8,000
Cherryvale city.	2,340	2,219	128,982	419,731		14,308	562,921	55,000
Independencecy	5,000	3,305						
Total.....								\$603,246

MECHANICAL AND MANUFACTURING INDUSTRIES.

NAME OF BUSINESS.	Number of estab-lishments.....	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..
Broom factory.....	1	\$ 100	Hand.	3	\$ 600	\$ 400	\$ 1,200
Carriage factory.....	1	1,000	"	3	316	400	1,500
Cigar factory.....	1	1,800	"	14	3,100	4,728	8,000
Flour mills.....	5	110,000	Steam & water.	22	8,470	166,800	222,400
Mattress factory.....	1	1,000	Hand.	3	150	1,500	3,000
Soda-water works.....	1	1,000	"	4	408	2,060	4,300
Water works.....	1	80,000	Steam & water.	5	4,337	6,000	15,000
Total.....	11	\$194,900		54	\$17,381	\$181,888	\$255,400

The county is abundantly supplied with timber, the belts on the streams averaging from a few rods to one mile in width, and contain the following varieties of trees: Walnut, hickory, oak, pecan, hackberry, ash, mulberry, cottonwood, sycamore, red and white elm, maple, box-elder, and locust.

Coal veins from one to two feet thick are mined in the central portion. Sandstone is found in great abundance northwest, south, and east of Independence. An excellent quality of limestone is also found near Independence. A great quantity of

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good building stone exists in the bluffs along the streams. Potter's clay is found in Fawn Creek township, just above the coal veins, and also exists north of Independence. At the city of Coffeyville there are brick-yards in successful operation, furnishing to the markets a quality of pressed brick claimed to be superior to that manufactured by the St. Louis Brick Company, Missouri.

Well-water is reached at a depth of twenty-five feet, and good springs are not frequently met with. The Verdigris river enters the county on the northern border, and flows east of south through the eastern portion, crossing the southern boundary four miles west of the southeastern corner.

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.	11,175	279,375	\$181,593 75	13,178	329,450	\$263,560 00
Rye.....bu.	344	5,160	2,064 00	119	2,380	952 00
Spring wheat.....bu.	91,242	1,824,840	638,694 00	103,850	2,492,400	697,872 00
Corn.....bu.	331	6,620	2,648 00	16	400	140 00
Barley.....bu.	12,312	369,360	92,340 00	7,731	270,585	67,646 25
Oats.....bu.	151	2,265	1,698 75	38	570	570 00
Buckwheat.....bu.	997	79,760	59,820 00	933	27,990	27,990 00
Irish potatoes.....bu.	88	8,800	5,720 00	159	13,515	13,515 00
Sorghum.....bu.	547	.....	12,420 00	637	.....	25,480 00
Castor beans.....bu.	2,493	19,944	17,949 60	667	4,002	4,002 00
Cotton.....lbs.	91	22,750	1,820 00	106	49,800	3,984 00
Flax.....bu.	3,150	31,500	26,775 00	3,587	35,870	32,283 00
Hemp.....lbs.	4	2,400	240 00	45	31,500	1,575 00
Tobacco.....lbs.	558	334,800	11,718 00	4	2,400	240 00
Broom corn.....lbs.	5,730	11,460	57,300 00	191	114,600	4,011 00
Millet and Hungarian.....tons	7,890	.....	6,476	12,952	51,808 00	.....
Timothy.....tons	3,913	.....	5,070	.....	.....	.....
Clover.....tons	706	* 4,128	20,640 00	2,345	.....	.....
Orchard grass.....tons	2,202	.....	307	.....	.....	.....
Blue grass.....tons	267	.....	1,541	.....	.....	.....
Other tame grasses.....tons	50,466	26,311	131,555 00	579	.....	.....
Prairie, under fence.....tons	.....	.....	.....	38,405	28,444	113,776 00
Total.....	194,657	.....	\$1,271,156 10	186,050	.....	\$1,345,482 25

* Product of 1886. † Product of 1887.

Wheat on hand—March 1, 1887, 9,132 bushels; March 1, 1888, 10,226 bushels.
Corn on hand—March 1, 1887, 147,567 bushels; March 1, 1888, 233,586 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.....	8,939	\$804,510 00	9,050	\$814,500 00	300	257
Mules and asses.....	1,700	170,000 00	1,721	172,100 00	24	20
Milch cows.....	10,126	202,520 00	10,550	211,000 00	512	304
Other cattle.....	18,734	374,680 00	19,252	385,040 00	1,817	742
Sheep.....	3,660	7,320 00	2,234	4,468 00	* 381	* 275
Swine.....	18,799	131,593 00	19,252	154,016 00	3,136	1,355
Total.....	61,958	\$1,690,623 00	62,059	\$1,741,124 00	6,170	3,013

* Including the number of head killed by dogs.
Number of dogs in county, March 1, 1887, 2,611.
Number of dogs in county, March 1, 1888, 2,195.

Herd law, in force.

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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	194,657	\$1,271,156 10	186,050	\$1,345,482 25
Animals slaughtered and sold for slaughter.....		290,488 00		348,995 00
Value of the increase in live stock.....		3,242 00		31,702 00
Wool clip.....lbs.	24,707	4,447 26	6,986	1,257 48
Butter.....lbs.	482,817	72,422 55	510,000	66,300 00
Cheese.....lbs.	42,225	5,067 00	5,820	699 60
Honey and bees-wax.....lbs.	6,934	1,397 35	2,890	578 00
Milk sold.....		21,435 00		5,480 00
Horticultural products marketed.....		17,846 00		30,876 00
Wine manufactured.....gals.	731	731 00	714	714 00
Garden products marketed.....		11,997 00		12,775 00
Poultry and eggs sold.....		30,399 00		31,074 00
Wood marketed.....		2,808 00		908 00
Total.....		\$1,733,436 26		\$1,876,841 33

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.....	13	28	29	43	21	27	40	40	46
1888.....	19	29	35	31	21	30	36	42	29

HORTICULTURE, ETC.

FRUIT TREES.	1887.	1888.	SMALL FRUITS—ACRES.	1887.	1888.
Number of trees in bearing.			Raspberries.....	81	34
			Blackberries.....	80	112
			Strawberries.....	61	39
			Total.....	222	185
Apple.....	136,949	138,320			
Pear.....	3,570	4,193			
Peach.....	83,535	63,963			
Plum.....	11,116	14,346			
Cherry.....	27,306	27,211			
Total.....	262,976	248,063			
Number not in bearing.			ARTIFICIAL FOREST.		
			Acres of trees one year old and over.		
			Walnut.....	145	30
			Maple.....	194	145
			Honey locust.....	80	5
			Cottonwood.....	153	27
			Other varieties.....	2,038	664
			Total.....	2,560	871
Apple.....	94,816	90,303			
Pear.....	7,602	7,411			
Peach.....	27,425	28,564			
Plum.....	11,749	9,145			
Cherry.....	11,266	9,716			
Total.....	162,858	145,139	Acres in nurseries.....	52	18
			Acres in vineyards.....	168	97

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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.....	3	88	3	\$ 2,500
Baptist.....	7	462	5	10,000
Christian.....	6	356	4	7,000
Congregational.....	2	93	1	5,000
Episcopal.....	3	94	2	9,000
Friends.....	5	345	4	4,000
Methodist Episcopal.....	12	1,647	9	34,000
Roman Catholic.....		830	3	
Total.....	38	3,915	31	\$71,500

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).....	68		2	

PUBLIC SCHOOLS.

Number of organized districts, 108; school population for 1888, 9,315. Average monthly wages paid teachers: Males, \$53; females, \$34. Total value of school property in the county, \$116,000.

NEWSPAPERS.

The *Star and Kansan* (Democratic). H. W. Young, editor, publisher, and proprietor, Independence.

South Kansas Tribune (Republican). W. T. and C. Yoe, editors, publishers, and proprietors, Independence.

The *Evening Reporter*, daily (Neutral). T. N. Sickels, editor, publisher, and proprietor, Independence.

The *Coffeyville Journal* (Republican). D. Stewart Elliott, editor and publisher; W. G. Waverling, business manager, Coffeyville.

The *Sun* (Republican). W. A. Pepper, Jr., editor and publisher, Coffeyville.

The *Eagle* (Democratic). H. M. Stewart, editor; Stewart & Hetherington, publishers, Coffeyville.

Daily Globe and Torch, and the *Republican*, weekly (Republican). C. P. Buffington, editor; Republican Publishing Co. (C. C. Kincaid, C. P. Buffington, O. F. Carson, and W. A. Cormack), publishers, Cherryvale.

Cherryvale Champion (Republican). S. P. Moore, editor; F. G. Moore, publisher and proprietor, Cherryvale.

The *Elk City Eagle*, (Republican). W. F. Kingston, editor, publisher, and proprietor, Elk City.

The *Caney Chronicle* (Republican). J. T. McKee, editor; J. T. McKee & Sons, proprietors, Caney.