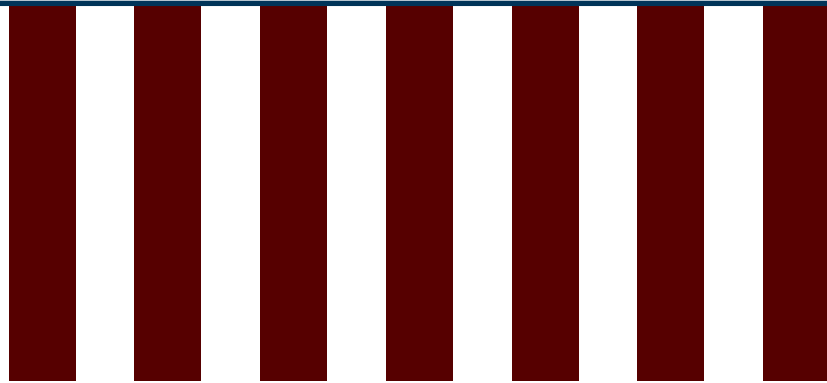


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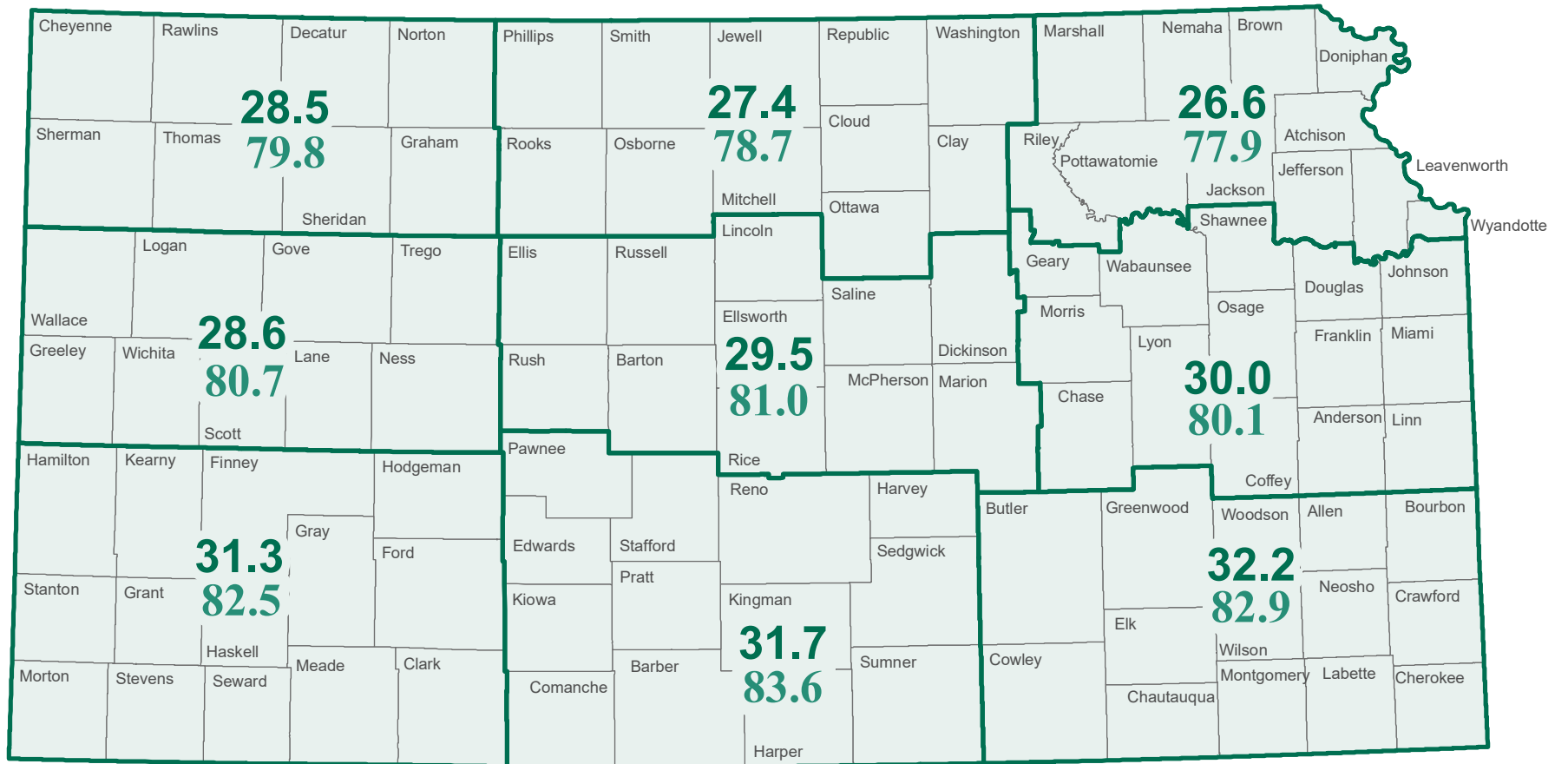
# CLIMATE

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**Kansas Statistical Abstract 2022**  
Institute for Policy & Social Research  
[ipsr.ku.edu/ksdata/ksah/](https://ipsr.ku.edu/ksdata/ksah/)

## Temperatures in Kansas by Region, 2022 January and July Averages



Source: Institute for Policy & Social Research, The University of Kansas; data from National Oceanic and Atmospheric Administration.

**State: 29.8 January (top)  
81.1 July (bottom)**

Temperatures in degrees Fahrenheit.

**Average Temperatures in Kansas, by Region, 2022 and 1981-2010**

Month	Northwest		West Central		Southwest		North Central		Central	
	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.
January	28.5	29.3	28.6	30.5	31.3	32.4	27.4	28.3	29.5	30.3
February	29.8	32.7	30.8	34.1	32.2	36.2	31.1	32.6	32.4	34.7
March	39.8	41.4	41.8	42.8	44.1	44.7	42.5	42.6	44.3	44.3
April	50.2	50.6	52.6	51.9	55.4	53.8	52.8	52.8	54.5	54.1
May	60.9	60.6	62.4	62.0	65.1	63.9	63.5	62.8	65.1	64.0
June	74.0	70.9	74.7	72.0	76.2	73.4	75.3	73.1	76.0	74.0
July	79.8	76.8	80.7	77.9	82.5	78.9	78.7	78.6	81.0	79.5
August	77.2	75.0	77.9	76.0	79.0	77.2	78.0	76.7	80.1	78.0
September	69.6	65.6	70.7	67.0	72.5	68.5	71.1	67.5	72.7	68.9
October	55.7	53.0	56.8	54.3	58.0	56.0	56.3	54.9	57.8	56.4
November	37.6	39.8	38.9	41.1	40.3	42.9	39.5	41.1	41.2	42.9
December	27.9	29.9	29.7	31.2	32.1	33.0	27.8	29.7	29.9	31.6
<b>Annual</b>	<b>52.6</b>	<b>52.1</b>	<b>53.8</b>	<b>53.4</b>	<b>55.7</b>	<b>55.1</b>	<b>53.7</b>	<b>53.4</b>	<b>55.4</b>	<b>54.9</b>

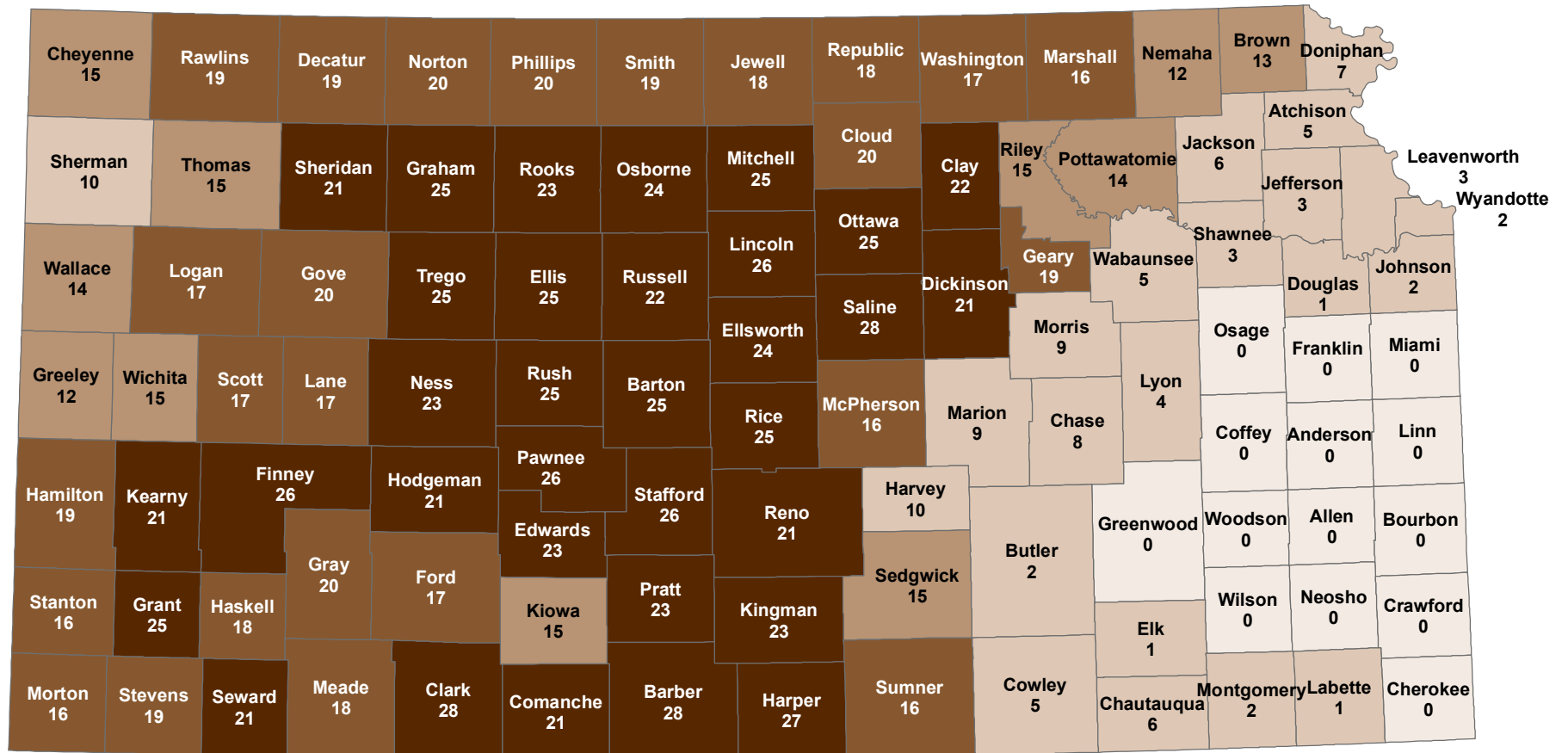
Month	South Central		Northeast		East Central		Southeast		State	
	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.
January	31.7	32.5	26.6	27.6	30.0	29.9	32.2	32.6	29.8	30.7
February	33.5	37.0	30.2	32.4	31.6	34.7	33.2	37.5	31.8	34.9
March	46.5	45.9	42.9	42.9	45.2	44.7	47.1	46.9	44.0	44.2
April	57.0	55.5	51.9	53.6	54.2	54.8	55.9	56.6	54.1	53.9
May	66.8	65.3	64.6	63.6	65.4	64.4	66.4	65.6	64.6	63.7
June	77.4	75.0	75.2	72.9	75.8	73.3	76.6	74.4	75.8	73.3
July	83.6	80.3	77.9	77.7	80.1	78.4	82.9	79.5	81.1	78.7
August	81.4	79.1	77.3	76.1	78.7	77.3	81.2	78.8	79.2	77.3
September	74.3	70.1	69.9	67.1	71.3	68.3	73.7	69.9	72.0	68.3
October	59.8	57.7	56.0	55.3	57.7	56.7	59.6	58.2	57.7	56.0
November	43.0	44.6	40.7	42.0	42.7	44.1	44.6	46.3	41.1	43.0
December	32.5	33.5	28.5	29.8	31.2	32.1	33.8	34.6	30.6	31.9
<b>Annual</b>	<b>57.3</b>	<b>56.4</b>	<b>53.5</b>	<b>53.4</b>	<b>55.3</b>	<b>54.9</b>	<b>57.3</b>	<b>56.7</b>	<b>55.2</b>	<b>54.7</b>

Source: National Oceanic and Atmospheric Administration, National Centers for Environmental Information, Climate at a Glance, <https://www.ncdc.noaa.gov/cag/> (accessed March 17, 2023).

Temperatures in degrees Fahrenheit.

Avg. refers to 1981-2010.

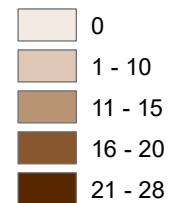
## Days with Extreme Heat in Kansas, by County, 2021



Source: Institute for Policy & Social Research, The University of Kansas;  
 data from the Centers for Disease Control and Prevention,  
 National Environmental Public Health Tracking Network.

Extreme heat defined as maximum daily temperature of 100 degrees Fahrenheit or higher.

### Number of Days



**Extreme Heat in Kansas, by County, 2016-2021**  
**Days with Maximum Temperature 100 Degrees or Higher**

<b>County</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2016-2021 Average</b>
Allen	4	1	12	0	1	0	3.0
Anderson	4	1	12	0	1	0	3.0
Atchison	6	2	21	0	0	5	5.7
Barber	24	13	7	10	17	28	16.5
Barton	11	15	10	6	10	25	12.8
Bourbon	4	1	15	0	0	0	3.3
Brown	8	7	19	0	0	13	7.8
Butler	6	4	10	0	1	2	3.8
Chase	7	6	16	0	2	8	6.5
Chautauqua	12	8	17	0	1	6	7.3
Cherokee	2	0	13	0	0	0	2.5
Cheyenne	7	5	6	6	13	15	8.7
Clark	25	21	12	18	33	28	22.8
Clay	7	10	20	0	2	22	10.2
Cloud	8	12	19	0	2	20	10.2
Coffey	5	1	12	0	1	0	3.2
Comanche	24	14	9	11	23	21	17.0
Cowley	14	7	13	2	3	5	7.3
Crawford	0	0	14	0	0	0	2.3
Decatur	9	9	7	3	16	19	10.5
Dickinson	11	11	21	0	3	21	11.2
Doniphan	7	5	24	0	0	7	7.2
Douglas	6	1	27	0	0	1	5.8
Edwards	10	10	8	9	11	23	11.8
Elk	7	5	16	0	1	1	5.0
Ellis	13	15	11	7	10	25	13.5
Ellsworth	10	17	13	5	7	24	12.7
Finney	13	11	14	15	22	26	16.8
Ford	7	5	8	10	11	17	9.7
Franklin	5	1	18	0	2	0	4.3
Geary	11	9	22	0	2	19	10.5
Gove	9	7	9	9	15	20	11.5
Graham	13	12	8	8	17	25	13.8
Grant	17	11	16	20	29	25	19.7
Gray	6	6	9	10	17	20	11.3
Greeley	8	3	12	7	12	12	9.0
Greenwood	3	4	11	0	1	0	3.2
Hamilton	14	8	16	16	23	19	16.0
Harper	26	15	9	10	12	27	16.5
Harvey	6	6	15	0	2	10	6.5
Haskell	7	6	9	11	19	18	11.7
Hodgeman	11	5	12	10	18	21	12.8
Jackson	6	3	18	0	0	6	5.5
Jefferson	5	2	23	0	0	3	5.5
Jewell	7	13	11	0	2	18	8.5
Johnson	5	1	23	0	0	2	5.2
Kearny	10	7	14	14	19	21	14.2
Kingman	20	11	9	7	11	23	13.5
Kiowa	15	11	3	9	13	15	11.0
Labette	8	1	19	0	0	1	4.8
Lane	7	6	11	9	16	17	11.0
Leavenworth	5	1	26	0	0	3	5.8
Lincoln	14	18	19	4	4	26	14.2
Linn	5	1	16	0	0	0	3.7
Logan	11	3	11	8	17	17	11.2

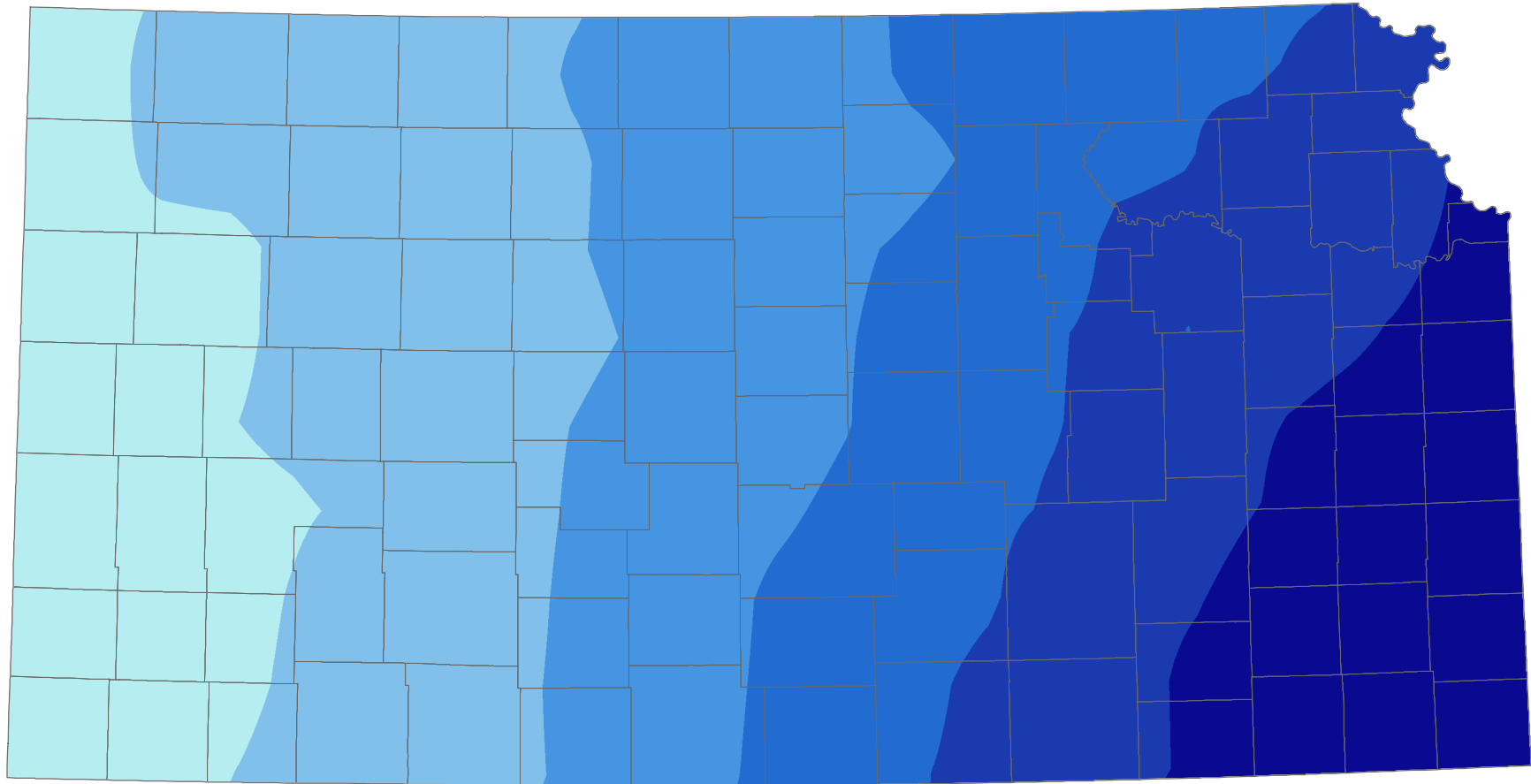
**Extreme Heat in Kansas, by County, 2016-2021**  
**Days with Maximum Temperature 100 Degrees or Higher**

County	2016	2017	2018	2019	2020	2021	2016-2021 Average
Lyon	7	5	22	0	2	4	6.7
McPherson	6	7	14	0	2	9	6.3
Marion	7	12	17	0	1	16	8.8
Marshall	10	11	14	0	4	16	9.2
Meade	10	8	8	15	22	18	13.5
Miami	7	1	19	0	0	0	4.5
Mitchell	12	18	16	5	5	25	13.5
Montgomery	12	4	24	0	1	2	7.2
Morris	7	6	16	0	1	9	6.5
Morton	18	8	12	17	22	16	15.5
Nemaha	9	11	19	0	0	12	8.5
Neosho	6	1	17	0	1	0	4.2
Ness	12	10	12	9	17	23	13.8
Norton	11	12	7	3	15	20	11.3
Osage	3	1	20	0	1	0	4.2
Osborne	11	20	14	5	5	24	13.2
Ottawa	13	19	23	4	4	25	14.7
Pawnee	10	15	10	9	11	26	13.5
Phillips	9	15	12	5	11	20	12.0
Pottawatomie	9	9	21	0	1	14	9.0
Pratt	19	10	4	7	10	23	12.2
Rawlins	9	4	9	4	18	19	10.5
Reno	16	15	13	3	9	21	12.8
Republic	7	12	13	0	2	18	8.7
Rice	12	16	11	3	8	25	12.5
Riley	9	9	23	0	1	15	9.5
Rooks	13	15	10	10	10	23	13.5
Rush	13	15	11	7	12	25	13.8
Russell	15	16	13	7	9	22	13.7
Saline	16	22	21	5	10	28	17.0
Scott	9	4	10	10	15	17	10.8
Sedgwick	9	7	17	3	5	15	9.3
Seward	17	17	14	16	29	21	19.0
Shawnee	7	4	22	0	0	3	6.0
Sheridan	11	4	8	8	14	21	11.0
Sherman	4	1	5	5	6	10	5.2
Smith	10	15	12	4	6	19	11.0
Stafford	13	15	10	8	12	26	14.0
Stanton	16	8	15	16	22	16	15.5
Stevens	18	12	14	15	26	19	17.3
Sumner	19	9	16	5	8	16	12.2
Thomas	7	1	6	4	9	15	7.0
Trego	11	11	10	8	11	25	12.7
Wabaunsee	6	3	21	0	1	5	6.0
Wallace	4	2	9	7	11	14	7.8
Washington	7	12	15	0	1	17	8.7
Wichita	7	3	12	8	13	15	9.7
Wilson	7	4	23	0	1	0	5.8
Woodson	3	1	10	0	1	0	2.5
Wyandotte	5	1	27	0	0	2	5.8
<b>Kansas (Average)</b>	<b>9.8</b>	<b>8.1</b>	<b>14.2</b>	<b>4.7</b>	<b>8.1</b>	<b>14.3</b>	<b>29.0</b>

Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network, <https://ephtracking.cdc.gov/DataExplorer> (accessed January 26, 2023).

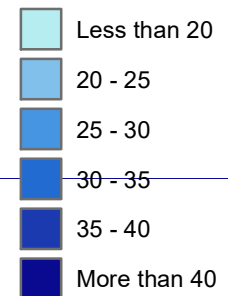
Degrees Fahrenheit.

## Average Precipitation in Kansas, 1981- 2010

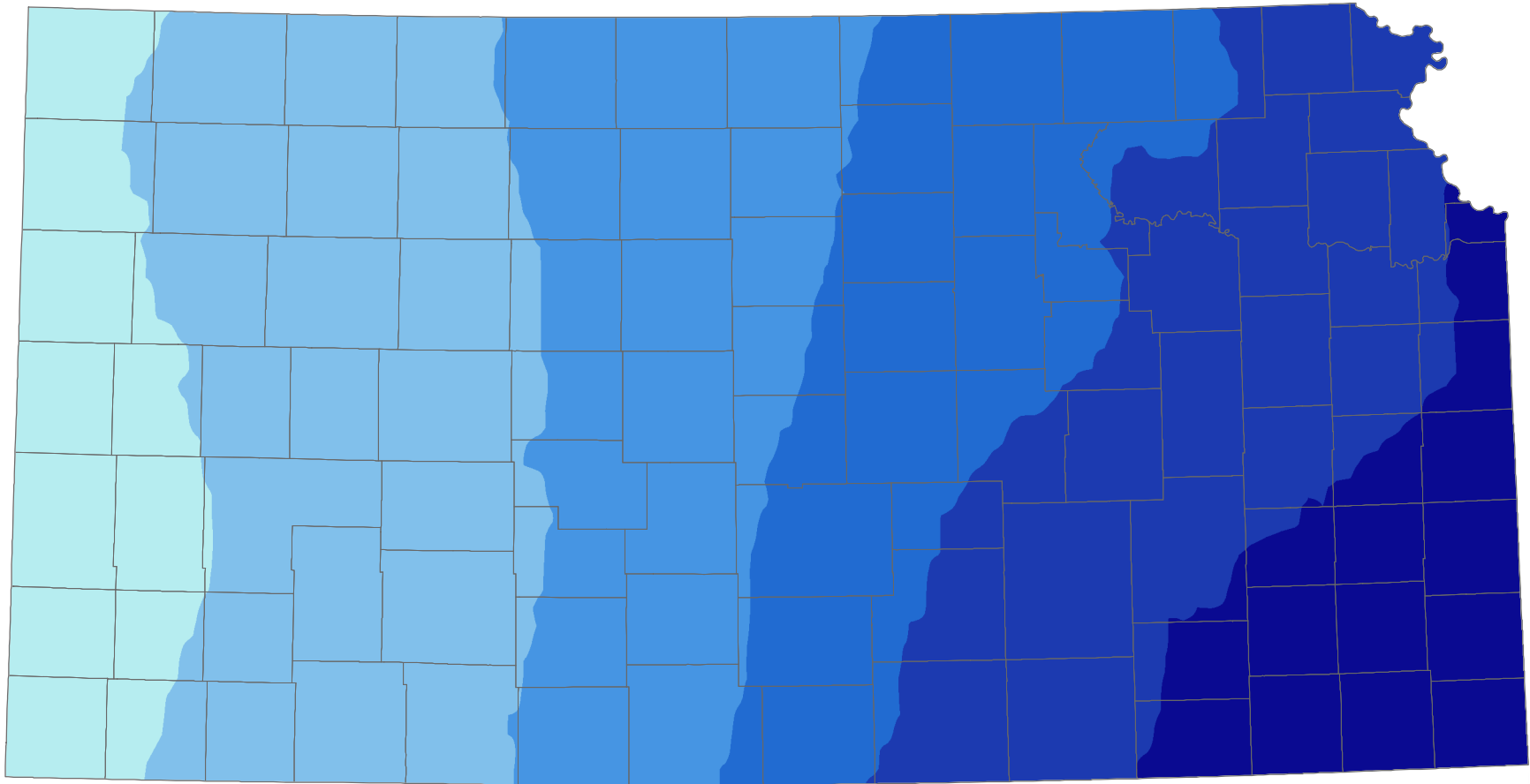


Source: Institute for Policy & Social Research, The University of Kansas; data from National Oceanic and Atmospheric Administration.

### Precipitation (inches)

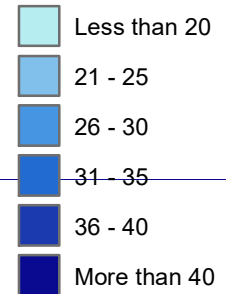


## Average Precipitation in Kansas, 1991- 2020



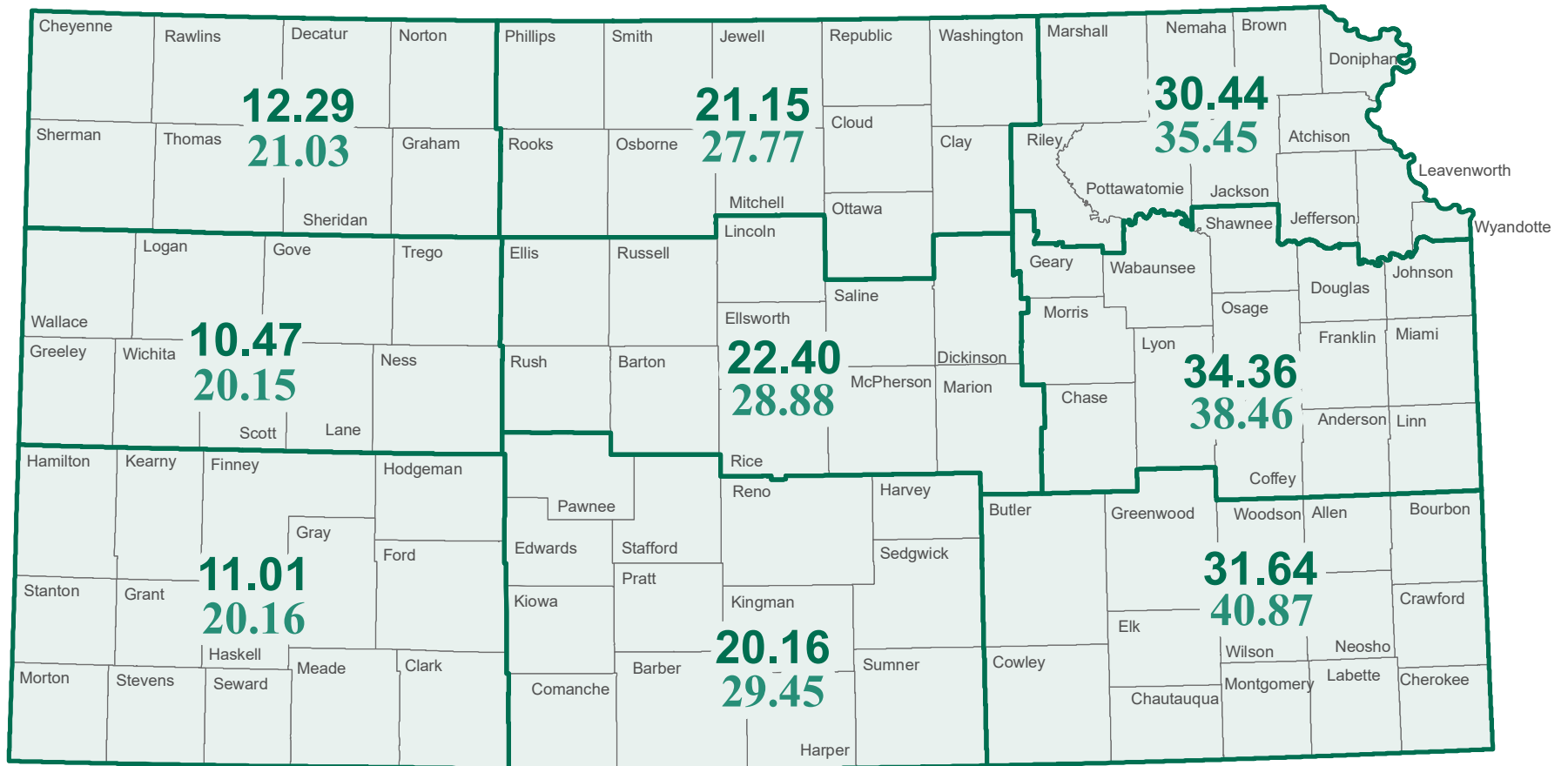
Source: Institute for Policy & Social Research, The University of Kansas; data from National Oceanic and Atmospheric Administration.

### Precipitation (inches)





## Precipitation in Kansas by Region 2022 Total and 1981-2010 Average



Source: Institute for Policy & Social Research, The University of Kansas; data from National Oceanic and Atmospheric Administration.

**State: 21.24 2022 Total (top)**  
**29.02 Average (bottom)**

Precipitation in inches.

**Precipitation in Kansas, by Region  
2022 Total and 1981-2010 Average**

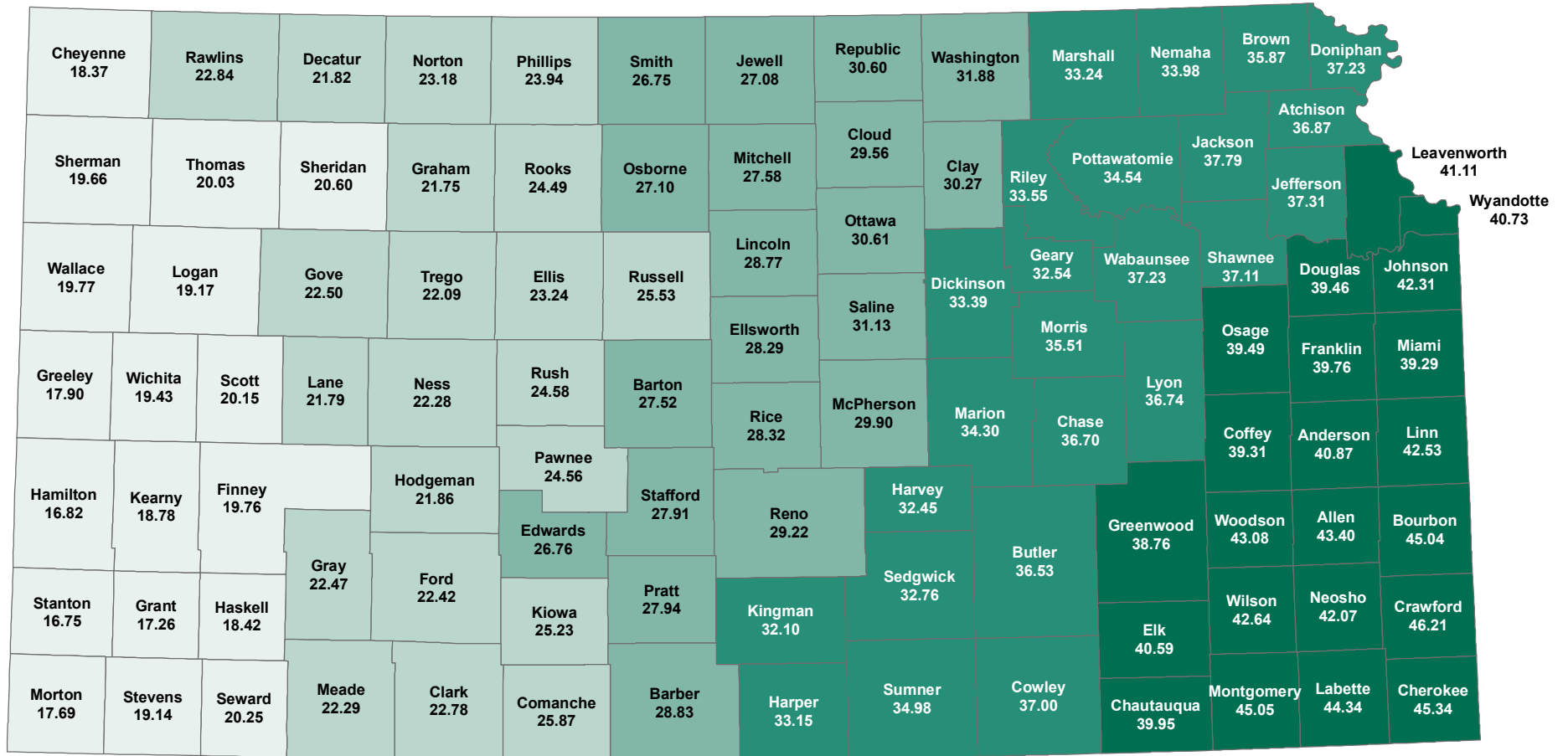
Month	Northwest		West Central		Southwest		North Central		Central	
	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.
January	0.49	0.44	0.80	0.47	0.29	0.49	0.39	0.60	0.35	0.68
February	0.07	0.54	0.15	0.55	0.22	0.56	0.02	0.80	0.18	0.96
March	0.85	1.29	0.93	1.33	0.69	1.37	1.99	1.98	2.20	2.20
April	0.32	2.00	0.41	1.81	0.45	1.66	0.88	2.50	0.50	2.56
May	2.62	3.35	1.83	3.00	1.53	2.70	5.34	4.18	6.39	4.22
June	1.59	2.91	1.29	2.88	2.67	3.23	2.85	3.80	4.11	4.09
July	3.24	3.45	2.84	3.33	3.06	2.95	4.51	4.03	2.89	3.89
August	0.80	2.69	0.81	2.60	0.76	2.70	0.87	3.31	1.28	3.48
September	1.57	1.51	1.18	1.54	0.87	1.63	2.40	2.53	1.94	2.51
October	0.23	1.53	0.10	1.40	0.10	1.55	0.77	1.99	0.53	2.13
November	0.04	0.81	0.03	0.72	0.25	0.68	0.51	1.22	1.40	1.24
December	0.47	0.51	0.10	0.53	0.12	0.63	0.62	0.84	0.63	0.93
<b>Annual</b>	<b>12.29</b>	<b>21.03</b>	<b>10.47</b>	<b>20.15</b>	<b>11.01</b>	<b>20.16</b>	<b>21.15</b>	<b>27.77</b>	<b>22.4</b>	<b>28.88</b>

Month	South Central		Northeast		East Central		Southeast		State	
	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.	2022	Avg.
January	0.20	0.77	0.43	0.79	0.32	1.00	0.20	1.23	0.37	0.72
February	0.50	1.07	0.18	1.13	0.68	1.39	1.17	1.71	0.37	0.97
March	2.40	2.45	3.29	2.38	3.90	2.66	3.47	3.04	2.16	2.09
April	0.59	2.52	1.99	3.31	1.86	3.64	2.11	3.87	0.98	2.63
May	5.81	4.12	7.33	4.93	9.05	5.23	8.83	5.62	5.36	4.12
June	4.25	4.50	4.08	5.14	4.40	5.56	5.49	5.79	3.47	4.21
July	1.63	3.35	4.57	4.39	3.84	4.27	1.57	3.92	3.01	3.68
August	0.66	3.33	1.99	3.96	2.69	3.99	1.61	3.65	1.23	3.28
September	1.05	2.46	1.88	3.63	1.27	3.82	0.59	4.02	1.36	2.61
October	0.49	2.49	1.15	2.76	1.36	3.17	1.76	3.63	0.71	2.30
November	1.70	1.37	2.73	1.83	3.80	2.26	3.16	2.58	1.49	1.40
December	0.88	1.04	0.82	1.21	1.19	1.46	1.68	1.80	0.73	1.00
<b>Annual</b>	<b>20.16</b>	<b>29.45</b>	<b>30.44</b>	<b>35.45</b>	<b>34.36</b>	<b>38.46</b>	<b>31.64</b>	<b>40.87</b>	<b>21.24</b>	<b>29.02</b>

Source: National Oceanic and Atmospheric Administration, National Centers for Environmental Information, Climate at a Glance, <https://www.ncdc.noaa.gov/cag/> (accessed March 17, 2023).

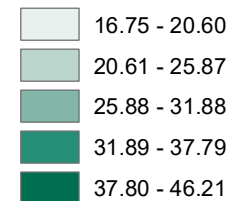
Precipitation in inches.  
Avg. refers to 1981-2010.

## Average Precipitation in Kansas, by County, 1981-2010

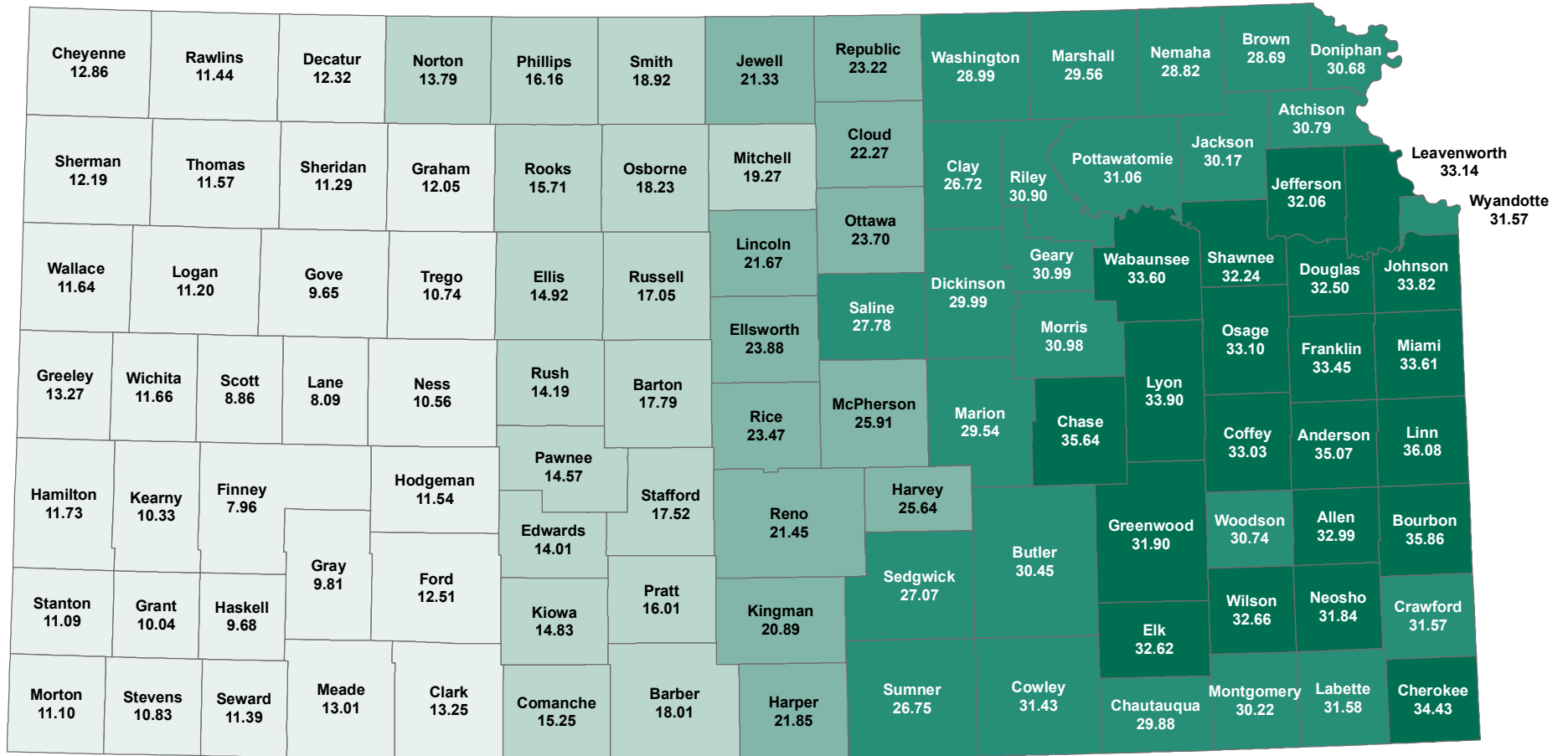


Source: Institute for Policy & Social Research, The University of Kansas; data from Kansas State University, Research and Extension, Weather Data Library.

### Inches of Precipitation

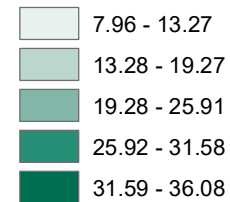


## Precipitation in Kansas, by County, 2022



Source: Institute for Policy & Social Research, The University of Kansas; data from Kansas State University, Research and Extension, Weather Data Library.

### Inches of Precipitation



**Kansas: 21.24**

**Precipitation in Kansas, by County  
2017-2022 and 1981-2010 Average**

<b>County</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>1981-2010 Average</b>
Allen	37.87	46.00	61.10	36.20	53.61	32.99	43.40
Anderson	22.26	42.90	54.50	34.50	50.23	35.07	40.87
Atchison	31.22	33.80	46.50	38.40	34.54	30.79	36.87
Barber	30.48	38.70	33.70	27.80	23.10	18.01	28.83
Barton	24.77	31.00	31.70	24.60	25.99	17.79	27.52
Bourbon	44.64	40.50	60.50	40.00	48.15	35.86	45.04
Brown	29.56	34.90	45.60	33.70	34.15	28.69	35.87
Butler	33.00	39.50	51.30	34.60	36.56	30.45	36.53
Chase	33.96	36.30	47.80	33.40	34.85	35.64	36.70
Chautauqua	34.91	39.50	50.70	42.00	34.80	29.88	39.95
Cherokee	52.63	38.60	65.80	48.60	46.10	34.43	45.34
Cheyenne	19.40	22.10	18.90	12.40	15.40	12.86	18.37
Clark	21.64	28.80	27.60	22.70	18.40	13.25	22.78
Clay	29.56	35.90	42.80	29.40	23.74	26.72	30.27
Cloud	31.98	35.00	37.30	28.60	22.88	22.27	29.56
Coffey	32.76	41.00	54.80	30.90	44.28	33.03	39.31
Comanche	23.64	31.10	29.30	25.40	21.99	15.25	25.87
Cowley	38.75	37.60	57.50	35.50	33.65	31.43	37.00
Crawford	52.74	38.50	66.50	44.60	47.30	31.57	46.21
Decatur	20.67	25.80	26.20	15.10	17.22	12.32	21.82
Dickinson	29.89	35.30	39.40	29.80	28.70	29.99	33.39
Doniphan	21.29	34.40	44.70	39.70	37.32	30.68	37.23
Douglas	38.48	31.30	54.20	35.70	44.80	32.50	39.43
Edwards	21.68	31.40	27.80	26.90	24.77	14.01	26.76
Elk	35.03	37.20	50.10	38.30	35.64	32.62	40.59
Ellis	25.52	35.20	32.10	22.70	24.89	14.92	23.24
Ellsworth	21.89	31.40	34.30	27.30	24.95	23.88	28.29
Finney	21.65	24.60	16.80	15.80	16.76	7.96	19.76
Ford	13.14	30.70	25.10	24.20	21.85	12.51	22.42
Franklin	34.86	36.20	56.50	33.50	47.63	33.45	39.76
Geary	31.54	33.50	41.90	33.60	29.05	30.99	32.54
Gove	22.56	27.10	23.30	15.20	18.08	9.65	22.50
Graham	25.03	30.50	27.60	16.20	19.24	12.05	21.75
Grant	30.56	24.10	16.90	13.60	16.88	10.04	17.26
Gray	25.67	28.10	20.60	18.50	18.68	9.81	22.47
Greeley	20.87	20.00	19.00	13.50	20.23	13.27	17.90
Greenwood	29.80	39.90	55.40	36.00	39.81	31.90	38.76
Hamilton	23.88	22.60	16.70	12.60	17.58	11.73	16.82
Harper	29.19	36.00	40.40	30.30	24.52	21.85	33.15
Harvey	30.78	35.60	41.70	28.30	33.44	25.64	32.45
Haskell	19.86	25.40	18.60	16.10	17.92	9.68	18.42
Hodgeman	24.25	28.90	22.90	22.70	23.12	11.54	21.86
Jackson	33.79	30.70	46.80	33.10	31.35	30.17	37.79
Jefferson	32.58	28.20	49.40	35.70	37.96	32.06	37.31
Jewell	23.82	33.90	36.60	23.10	25.65	21.33	27.08
Johnson	42.30	33.60	49.90	36.40	41.11	33.82	42.31
Kearny	17.73	23.00	16.60	16.00	16.84	10.33	18.78
Kingman	32.23	41.60	37.40	30.10	27.95	20.89	32.10
Kiowa	23.93	32.60	28.90	26.40	23.11	14.83	25.23
Labette	47.97	42.80	64.90	48.90	42.71	31.58	44.34
Lane	22.93	23.80	19.70	17.30	18.45	8.09	21.79
Leavenworth	41.68	31.80	49.10	35.70	41.33	33.14	41.11
Lincoln	25.82	31.00	32.30	26.80	25.09	21.67	28.77
Linn	44.79	42.00	56.70	37.00	49.18	36.08	42.53
Logan	24.88	20.50	22.00	13.90	21.86	11.20	19.17

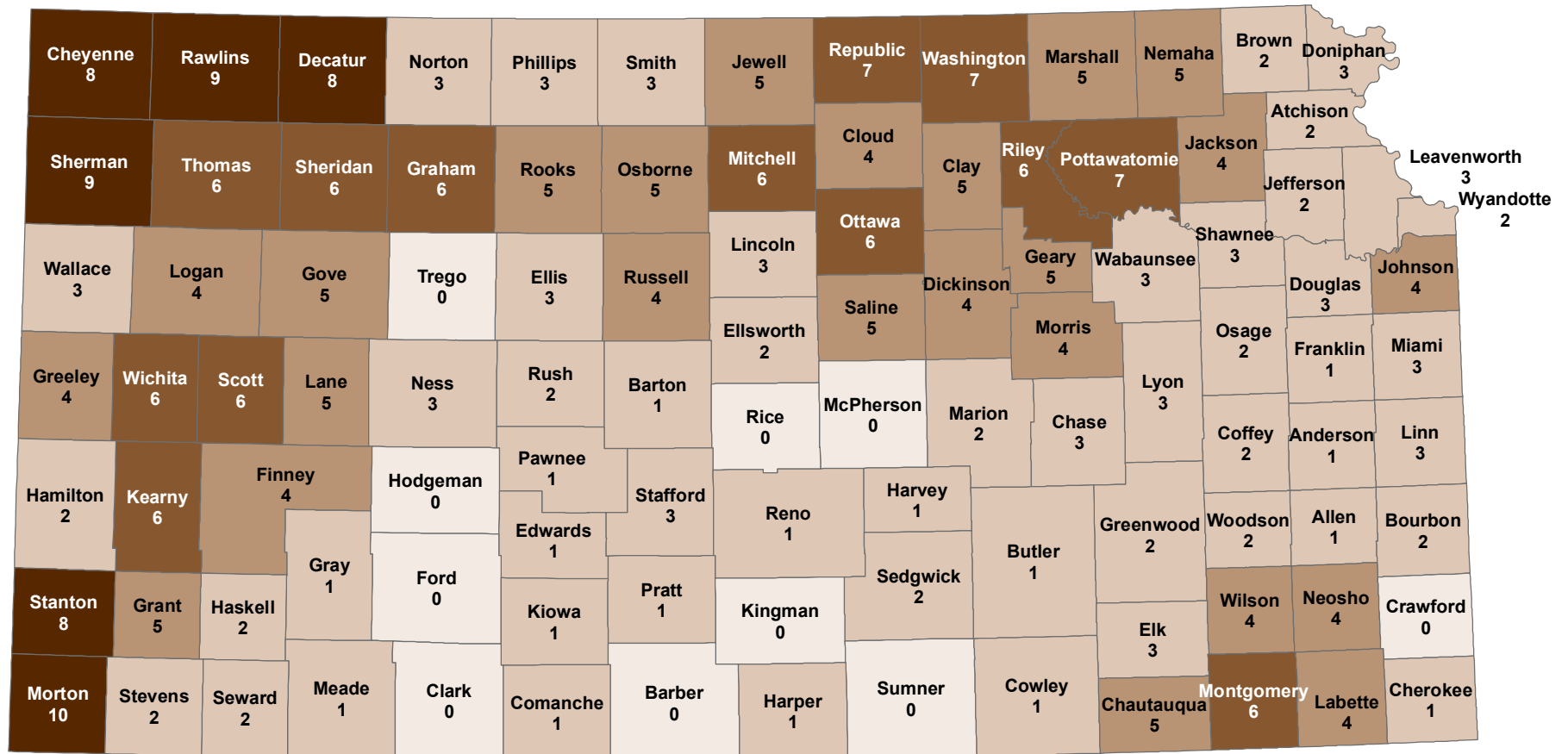
**Precipitation in Kansas, by County  
2017-2022 and 1981-2010 Average**

<b>County</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>1981-2010 Average</b>
Lyon	26.93	36.10	48.60	30.70	38.61	33.90	36.74
McPherson	27.04	38.10	45.40	31.00	30.12	25.91	29.90
Marion	27.87	35.40	38.50	27.60	30.72	29.54	34.30
Marshall	27.61	35.30	42.20	27.80	25.54	29.56	33.24
Meade	23.41	28.90	26.80	20.10	20.06	13.01	22.29
Miami	39.97	35.30	51.00	37.90	46.32	33.61	39.29
Mitchell	23.66	34.10	32.70	25.80	21.62	19.27	27.58
Montgomery	46.32	43.20	57.40	45.80	38.04	30.22	45.05
Morris	30.24	35.70	43.80	29.30	32.45	30.98	35.51
Morton	25.72	20.80	16.60	12.80	13.61	11.10	17.69
Nemaha	28.30	33.90	47.60	30.40	27.66	28.82	33.98
Neosho	50.05	42.20	64.40	40.80	50.25	31.84	42.07
Ness	20.04	27.30	23.80	20.20	21.74	10.56	22.28
Norton	20.63	28.30	26.40	16.20	20.71	13.79	23.18
Osage	34.56	32.90	51.90	31.40	44.13	33.10	39.49
Osborne	21.75	33.80	31.80	23.70	24.18	18.23	27.10
Ottawa	30.44	34.90	35.60	28.40	24.16	23.70	30.61
Pawnee	26.13	29.80	28.10	25.40	25.23	14.57	24.56
Phillips	24.96	28.60	27.60	17.60	19.77	16.16	23.94
Pottawatomie	31.43	34.40	48.00	29.90	27.24	31.06	34.54
Pratt	20.04	35.00	28.50	26.90	23.13	16.01	27.94
Rawlins	26.86	23.40	23.70	13.00	15.17	11.44	22.84
Reno	25.65	36.80	34.50	28.40	27.71	21.45	29.22
Republic	26.98	32.90	38.80	23.70	26.10	23.22	30.60
Rice	25.70	35.30	34.40	27.90	26.62	23.47	28.32
Riley	25.47	34.50	45.80	31.30	27.71	30.90	33.55
Rooks	23.09	32.40	29.30	20.00	21.75	15.71	24.49
Rush	20.61	31.30	32.90	23.30	26.67	14.19	24.58
Russell	17.34	31.40	30.40	24.40	25.50	17.05	25.53
Saline	16.56	32.30	37.70	28.00	26.55	27.78	31.13
Scott	22.63	19.80	18.20	15.30	18.32	8.86	20.15
Sedgwick	28.52	33.40	45.00	29.30	30.67	27.07	32.76
Seward	20.37	27.20	21.80	16.90	18.51	11.39	20.25
Shawnee	33.39	29.10	46.90	33.60	37.36	32.24	37.11
Sheridan	30.24	25.10	26.80	14.20	17.37	11.29	20.60
Sherman	30.59	21.20	21.30	14.70	16.23	12.19	19.66
Smith	24.32	30.40	30.00	20.40	25.08	18.92	26.75
Stafford	25.44	32.50	27.70	29.30	25.87	17.52	27.91
Stanton	24.20	21.50	15.50	11.80	14.41	11.09	16.75
Stevens	34.92	25.20	19.80	15.60	17.68	10.83	19.14
Sumner	33.47	35.30	50.70	31.40	29.00	26.75	34.98
Thomas	27.47	22.40	25.10	14.40	16.98	11.57	20.03
Trego	17.43	28.70	24.60	18.10	17.86	10.74	22.09
Wabaunsee	35.35	32.50	47.60	31.60	34.36	33.60	37.23
Wallace	23.15	19.90	21.70	11.40	18.75	11.64	19.77
Washington	29.65	38.00	42.70	27.40	25.83	28.99	31.88
Wichita	22.05	19.60	16.80	15.70	19.63	11.66	19.43
Wilson	32.78	39.00	58.60	37.50	46.10	32.66	42.64
Woodson	35.93	41.60	55.50	33.60	47.58	30.74	43.08
Wyandotte	45.55	32.70	49.60	33.80	38.89	31.57	40.73
<b>Kansas</b>	<b>29.03</b>	<b>31.83</b>	<b>36.02</b>	<b>25.84</b>	<b>27.25</b>	<b>21.24</b>	<b>29.02</b>

Source: Kansas State University, Research and Extension, Weather Data Library, <http://climate.k-state.edu/precip/county/> (accessed March 17, 2023); National Oceanic and Atmospheric Administration, National Centers for Environmental Information, Climate at a Glance, <https://www.ncdc.noaa.gov/cag/> (accessed March 17, 2023).

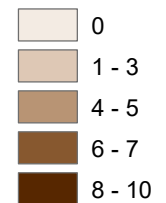
Precipitation in inches.

## Weeks with Severe, Extreme, or Exceptional Drought in Kansas, by County, 2021



Source: Institute for Policy & Social Research, The University of Kansas; data from the Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network.

### Number of Weeks



**Drought in Kansas, by County, 2016-2021**  
**Weeks with Severe, Extreme, or Exceptional Drought Conditions**

<b>County</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2016-2021 Average</b>
Allen	16	16	7	1	5	1	7.7
Anderson	15	16	6	0	5	1	7.2
Atchison	14	14	6	1	6	2	7.2
Barber	10	10	9	0	6	0	5.8
Barton	10	13	6	1	7	1	6.3
Bourbon	18	14	8	0	5	2	7.8
Brown	13	16	9	1	8	2	8.2
Butler	15	12	5	0	6	1	6.5
Chase	15	12	11	1	8	3	8.3
Chautauqua	14	16	6	1	3	5	7.5
Cherokee	15	14	9	2	5	1	7.7
Cheyenne	13	12	1	4	13	8	8.5
Clark	19	12	12	3	7	0	8.8
Clay	12	15	6	1	7	5	7.7
Cloud	13	14	5	4	8	4	8.0
Coffey	16	13	9	0	6	2	7.7
Comanche	8	12	9	1	6	1	6.2
Cowley	12	11	5	0	6	1	5.8
Crawford	16	15	8	0	6	0	7.5
Decatur	13	13	1	3	15	8	8.8
Dickinson	12	17	17	0	8	4	9.7
Doniphan	15	16	8	2	7	3	8.5
Douglas	13	12	14	1	4	3	7.8
Edwards	13	15	7	4	5	1	7.5
Elk	15	18	7	1	5	3	8.2
Ellis	10	14	6	1	9	3	7.2
Ellsworth	9	14	10	2	5	2	7.0
Finney	20	13	13	9	8	4	11.2
Ford	16	14	11	6	4	0	8.5
Franklin	14	14	13	0	4	1	7.7
Geary	13	16	12	1	6	5	8.8
Gove	13	12	6	4	14	5	9.0
Graham	12	13	7	3	14	6	9.2
Grant	21	13	17	8	8	5	12.0
Gray	19	11	17	7	8	1	10.5
Greeley	16	14	13	2	15	4	10.7
Greenwood	17	14	5	0	4	2	7.0
Hamilton	18	12	15	9	14	2	11.7
Harper	12	8	8	0	4	1	5.5
Harvey	12	13	8	2	6	1	7.0
Haskell	22	14	17	6	8	2	11.5
Hodgeman	15	14	8	3	4	0	7.3
Jackson	14	13	6	0	6	4	7.2
Jefferson	15	12	9	0	7	2	7.5
Jewell	11	15	3	1	11	5	7.7
Johnson	12	14	11	0	3	4	7.3
Kearny	21	12	17	10	12	6	13.0
Kingman	9	12	8	0	6	0	5.8
Kiowa	11	12	8	3	6	1	6.8
Labette	16	15	8	2	5	4	8.3
Lane	17	13	10	8	9	5	10.3
Leavenworth	14	12	12	0	7	3	8.0
Lincoln	10	14	7	2	6	3	7.0
Linn	16	15	10	0	6	3	8.3
Logan	14	12	7	2	14	4	8.8



**Drought in Kansas, by County, 2016-2021**  
**Weeks with Severe, Extreme, or Exceptional Drought Conditions**

County	2016	2017	2018	2019	2020	2021	2016-2021 Average
Lyon	15	12	14	0	7	3	8.5
McPherson	9	12	8	0	5	0	5.7
Marion	14	14	9	0	7	2	7.7
Marshall	13	17	2	2	9	5	8.0
Meade	19	12	12	4	6	1	9.0
Miami	14	13	12	0	3	3	7.5
Mitchell	12	16	3	1	8	6	7.7
Montgomery	17	15	7	2	4	6	8.5
Morris	16	13	15	0	8	4	9.3
Morton	22	11	18	10	21	10	15.3
Nemaha	13	17	8	1	8	5	8.7
Neosho	16	17	8	0	5	4	8.3
Ness	14	13	7	2	9	3	8.0
Norton	10	13	3	3	17	3	8.2
Osage	14	13	14	0	6	2	8.2
Osborne	9	15	3	2	7	5	6.8
Ottawa	13	15	7	2	7	6	8.3
Pawnee	10	13	7	2	5	1	6.3
Phillips	9	14	5	2	12	3	7.5
Pottawatomie	13	14	8	0	5	7	7.8
Pratt	8	11	8	3	6	1	6.2
Rawlins	15	14	2	5	14	9	9.8
Reno	9	12	8	1	5	1	6.0
Republic	11	15	3	1	11	7	8.0
Rice	9	15	9	0	4	0	6.2
Riley	14	14	8	0	5	6	7.8
Rooks	11	15	6	2	10	5	8.2
Rush	11	13	7	1	8	2	7.0
Russell	10	15	5	2	8	4	7.3
Saline	10	17	11	2	8	5	8.8
Scott	16	12	12	4	13	6	10.5
Sedgwick	10	9	6	0	5	2	5.3
Seward	20	13	15	2	7	2	9.8
Shawnee	14	13	8	1	6	3	7.5
Sheridan	14	11	5	3	16	6	9.2
Sherman	13	12	3	7	17	9	10.2
Smith	12	16	4	2	13	3	8.3
Stafford	9	14	8	1	4	3	6.5
Stanton	20	11	17	10	17	8	13.8
Stevens	22	13	16	5	7	2	10.8
Sumner	10	10	6	0	5	0	5.2
Thomas	14	14	2	4	16	6	9.3
Trego	12	13	6	1	10	0	7.0
Wabaunsee	14	13	10	0	5	3	7.5
Wallace	16	13	5	1	18	3	9.3
Washington	11	19	3	2	8	7	8.3
Wichita	14	13	14	3	16	6	11.0
Wilson	19	19	9	1	5	4	9.5
Woodson	17	19	6	1	5	2	8.3
Wyandotte	11	14	13	0	8	2	8.0
<b>Kansas (Average)</b>	<b>13.8</b>	<b>13.6</b>	<b>8.6</b>	<b>2.1</b>	<b>8.0</b>	<b>3.3</b>	<b>29.0</b>

Source: Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network, <https://ephtracking.cdc.gov/DataExplorer> (accessed January 26, 2023).