

# STI Surveillance Report Arkansas, 2017



**Arkansas Department of Health**  
*Keeping Your Hometown Healthy*

This issue of the Sexually Transmitted Infections (STI) Surveillance Report is produced by the Arkansas Department of Health, Infectious Disease Branch.

Data presented are for Chlamydia, Gonorrhea, and Syphilis infections among Arkansas residents reported to the STI Surveillance Program as of December 31, 2017.

**DISCLAIMER:**

On January 1, 2015, the Arkansas STI Surveillance Program began the use of PRISM (Patient Reporting Investigating Surveillance Manager), its new data management system for tracking sexually transmitted infections. As a result of this change, there may be differences in the numbers of cases reported in previous issues of this document.

The Arkansas STI Surveillance Report can be obtained from the internet at:

<https://www.healthy.arkansas.gov/programs-services/topics/hiv-aids-sti-surveillance>

Information on how to report cases of HIV and STI may be obtained by contacting your local health department or regional health office or by calling (501) 661-2887.

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**Chlamydia Cases by Gender, Race/Ethnicity & Age Group  
Arkansas, 2016 & 2017**

Gender	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
Male	4,521	27.0	307.9	4,866	28.1	329.7
Female	12,216	73.0	803.6	12,460	71.9	815.3
Unknown	-	-	N/A	1	0.0	N/A
<b>Total</b>	<b>16,737</b>	<b>100</b>	<b>560.1</b>	<b>17,327</b>	<b>100</b>	<b>576.7</b>
Race/Ethnicity	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
White, non-Hispanic	7,154	42.7	323.8	6,563	37.9	296.7
Black, non-Hispanic	8,315	49.7	1743.3	8,107	46.8	1690.9
Am Indian/AK Native, non-Hispanic	45	0.3	182.0	35	0.2	139.0
Asian/HI/Pacific Islander, non-Hispanic	206	1.2	360.2	194	1.1	325.4
Hispanic	828	4.9	376.1	999	5.8	438.8
Other, non-Hispanic	103	0.6	N/A	123	0.7	N/A
Unknown	86	0.5	N/A	1,306	7.5	N/A
<b>Total</b>	<b>16,737</b>	<b>100</b>	<b>560.1</b>	<b>17,327</b>	<b>100</b>	<b>576.7</b>
Age at Diagnosis	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
<13	31	0.2	6.1	16	0.1	3.2
13-14	136	0.8	174.1	147	0.8	186.9
15-18	3,509	21.0	2202.2	3,473	20.0	2186.8
19-24	8,110	48.5	3324.2	8,345	48.2	3443.6
25-34	3,875	23.2	988.7	4,233	24.4	1070.4
35-44	825	4.9	226.3	888	5.1	242.4
45-54	191	1.1	50.4	166	1.0	44.3
55-64	54	0.3	14.3	48	0.3	12.6
65+	6	0.0	1.2	11	0.1	2.2
<b>Total</b>	<b>16,737</b>	<b>100</b>	<b>560.1</b>	<b>17,327</b>	<b>100</b>	<b>576.7</b>

-denotes 0.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

++ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

Note: Due to rounding percent totals may not total 100.

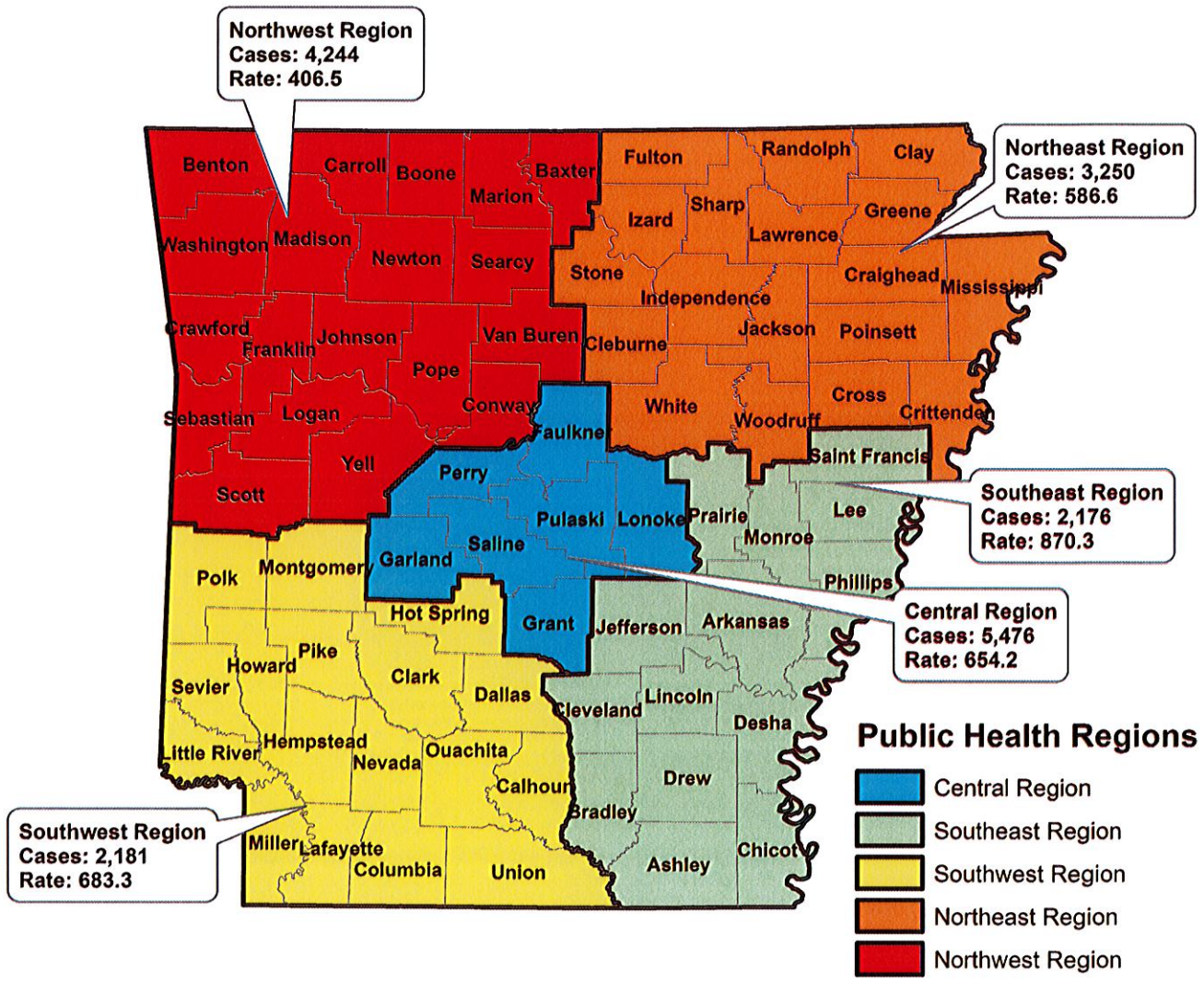
Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Note: The increased cases of Unknown Race/Ethnicity are due to lack of reporting.

Source: Arkansas PRISM Database, retrieved May 15, 2018.



# Chlamydia Cases Reported by Public Health Regions Arkansas, 2017



Note: The total rate of reported cases of chlamydia for Arkansas was 576.7 per 100,000 population.

Note: Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).



Date: 8/17/2018  
 Source: Arkansas Department of Health  
 Map created by: Xiaoyan Egbe  
 Data source: Arkansas Patient Reporting Investigating Surveillance System (PRISM)



**Chlamydia Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
ARKANSAS	101	0.6	554.5	110	0.6	612.2
ASHLEY	112	0.7	546.4	94	0.5	463.4
BAXTER	100	0.6	243.0	99	0.6	239.4
BENTON	749	4.5	289.5	770	4.4	289.1
BOONE	119	0.7	320.0	135	0.8	361.1
BRADLEY	57	0.3	519.2	58	0.3	533.9
CALHOUN	18	0.1	348.7	22	0.1	419.3
CARROLL	59	0.4	212.8	61	0.4	218.3
CHICOT	78	0.5	714.8	82	0.5	771.0
CLARK	163	1.0	722.8	154	0.9	690.8
CLAY	30	0.2	199.2	40	0.2	268.1
CLEBURNE	59	0.4	234.5	53	0.3	211.6
CLEVELAND	30	0.2	363.2	20	0.1	243.8
COLUMBIA	212	1.3	884.0	224	1.3	948.1
CONWAY	81	0.5	387.7	79	0.5	377.7
CRAIGHEAD	709	4.2	670.3	759	4.4	708.6
CRAWFORD	213	1.3	342.1	217	1.3	344.5
CRITTENDEN	553	3.3	1121.2	611	3.5	1253.3
CROSS	145	0.9	851.1	82	0.5	486.3
DALLAS	44	0.3	592.2	49	0.3	662.8
DESHA	86	0.5	721.5	94	0.5	799.0
DREW	125	0.7	671.0	112	0.6	603.9
FAULKNER	669	4.0	548.0	644	3.7	520.8
FRANKLIN	67	0.4	379.2	59	0.3	329.8
FULTON	23	0.1	191.0	23	0.1	190.8
GARLAND	437	2.6	444.9	415	2.4	420.6
GRANT	59	0.4	326.1	49	0.3	269.7
GREENE	189	1.1	422.7	212	1.2	470.6
HEMPSTEAD	187	1.1	849.0	238	1.4	1088.7
HOT SPRING	175	1.0	523.2	117	0.7	348.5
HOWARD	86	0.5	640.0	93	0.5	690.0
INDEPENDENCE	140	0.8	377.4	128	0.7	341.3
IZARD	37	0.2	274.3	30	0.2	219.2
JACKSON	94	0.6	543.1	129	0.7	752.8
JEFFERSON	983	5.9	1397.5	946	5.5	1368.7
JOHNSON	82	0.5	312.7	92	0.5	346.5
LAFAYETTE	55	0.3	793.9	39	0.2	568.3
LAWRENCE	55	0.3	330.5	60	0.3	363.1
LEE	78	0.5	833.3	72	0.4	784.7
LINCOLN	48	0.3	347.6	48	0.3	351.8
LITTLE RIVER	76	0.5	611.4	83	0.5	671.6



**Chlamydia Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
LOGAN	81	0.5	373.0	87	0.5	400.5
LONOKE	333	2.0	464.1	335	1.9	459.5
MADISON	36	0.2	223.5	38	0.2	232.6
MARION	38	0.2	232.1	44	0.3	267.8
MILLER	432	2.6	984.6	430	2.5	977.6
MISSISSIPPI	485	2.9	1130.9	541	3.1	1283.2
MONROE	52	0.3	718.7	57	0.3	804.5
MONTGOMERY	16	0.1	178.8	11	0.1	123.3
NEVADA	69	0.4	824.0	78	0.5	936.7
NEWTON	20	0.1	254.2	19	0.1	242.7
OUACHITA	205	1.2	853.5	228	1.3	955.3
PERRY	27	0.2	262.8	26	0.2	251.3
PHILLIPS	167	1.0	876.6	223	1.3	1200.7
PIKE	35	0.2	323.6	27	0.2	251.7
POINSETT	109	0.7	454.0	123	0.7	509.2
POLK	53	0.3	263.1	50	0.3	248.5
POPE	280	1.7	438.5	277	1.6	433.9
PRAIRIE	20	0.1	241.8	32	0.2	388.0
PULASKI	3,356	20.1	852.5	3,624	20.9	919.9
RANDOLPH	54	0.3	310.2	69	0.4	393.0
SALINE	379	2.3	322.3	383	2.2	321.0
SCOTT	34	0.2	328.2	27	0.2	258.5
SEARCY	19	0.1	238.5	14	0.1	176.4
SEBASTIAN	583	3.5	457.0	705	4.1	550.3
SEVIER	66	0.4	389.3	71	0.4	414.8
SHARP	35	0.2	204.2	57	0.3	327.7
ST FRANCIS	237	1.4	901.0	228	1.3	879.3
STONE	14	0.1	112.0	26	0.2	207.4
UNION	271	1.6	679.8	267	1.5	676.8
VAN BUREN	27	0.2	162.4	36	0.2	218.1
WASHINGTON	1,385	8.3	608.5	1,424	8.2	613.8
WHITE	343	2.0	435.1	285	1.6	360.7
WOODRUFF	34	0.2	513.4	22	0.1	334.8
YELL	59	0.4	274.6	61	0.4	283.4
<b>State Total</b>	<b>16,737</b>	<b>100</b>	<b>560.1</b>	<b>17,327</b>	<b>100</b>	<b>576.7</b>

- denotes 0.

\*Cell sizes less than 5 not reported.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

++ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

Note: Due to rounding percent totals may not total 100.

Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Source: Arkansas PRISM Database, retrieved May 15, 2018.



**Gonorrhea Cases by Gender, Race/Ethnicity & Age Group  
Arkansas, 2016 & 2017**

Gender	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
Male	2,769	48.3	188.6	3,185	47.4	215.8
Female	2,963	51.7	194.9	3,529	52.6	230.9
Unknown	-	-	N/A	1	0.0	N/A
<b>TOTAL</b>	<b>5,732</b>	<b>100</b>	<b>191.8</b>	<b>6,715</b>	<b>100</b>	<b>223.5</b>
Race/Ethnicity	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
White, non-Hispanic	2,088	36.4	94.5	2,287	34.1	103.4
Black, non-Hispanic	3,409	59.5	714.7	3,741	55.7	780.3
Am Indian/AK Native, non-Hispanic	7	0.1	28.3	8	0.1	31.8
Asian/HI/Pacific Islander, non-Hispanic	39	0.7	68.2	43	0.6	72.1
Hispanic	126	2.2	57.2	188	2.8	82.6
Other, non-Hispanic	19	0.3	N/A	39	0.6	N/A
Unknown	44	0.8	N/A	409	6.1	N/A
<b>Total</b>	<b>5,732</b>	<b>100</b>	<b>191.8</b>	<b>6,715</b>	<b>100</b>	<b>223.5</b>
Age at Diagnosis	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
<13	14	0.2	2.8	5	0.1	1.0
13-14	37	0.6	47.4	42	0.6	53.4
15-18	865	15.1	542.9	964	14.4	607.0
19-24	2,320	40.5	950.9	2,579	38.4	1064.2
25-34	1,738	30.3	443.4	2,220	33.1	561.4
35-44	523	9.1	143.5	643	9.6	175.6
45-54	171	3.0	45.2	178	2.7	47.5
55-64	54	1.0	14.3	68	1.0	17.8
65+	10	0.2	2.1	16	0.2	3.2
<b>Total</b>	<b>5,732</b>	<b>100</b>	<b>191.8</b>	<b>6,715</b>	<b>100</b>	<b>223.5</b>

-denotes 0.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

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Note: Due to rounding percent totals may not total 100.

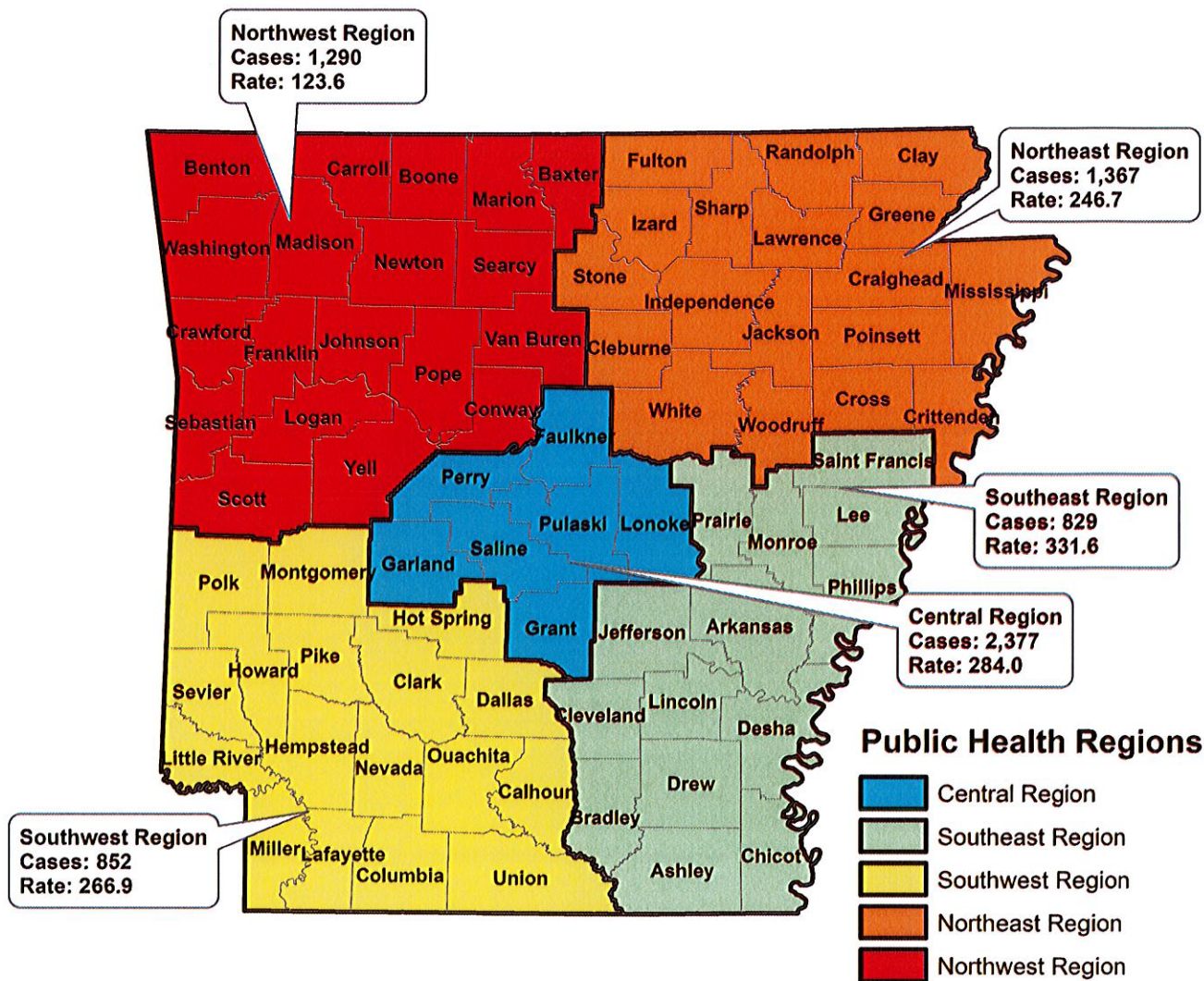
Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Note: The increased cases of Unknown Race/Ethnicity are due to lack of reporting.

Source: Arkansas PRISM Database, retrieved May 15, 2018.



# Gonorrhea Cases Reported by Public Health Regions Arkansas, 2017



Note: The total rate of reported cases of gonorrhea for Arkansas was 223.5 per 100,000 population.

Note: Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).



Date: 8/17/2018  
 Source: Arkansas Department of Health  
 Map created by: Xiaoyan Egbe  
 Data source: Arkansas Patient Reporting Investigating Surveillance System (PRISM)



**Gonorrhea Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
ARKANSAS	35	0.6	192.1	39	0.6	217.1
ASHLEY	20	0.3	97.6	25	0.4	123.3
BAXTER	25	0.4	60.8	38	0.6	91.9
BENTON	155	2.7	59.9	176	2.6	66.1
BOONE	16	0.3	43.0	39	0.6	104.3
BRADLEY	22	0.4	200.4	17	0.3	156.5
CALHOUN	7	0.1	135.6	6	0.1	114.4
CARROLL	6	0.1	21.6	10	0.1	35.8
CHICOT	22	0.4	201.6	19	0.3	178.6
CLARK	50	0.9	221.7	52	0.8	233.3
CLAY	14	0.2	93.0	11	0.2	73.7
CLEBURNE	26	0.5	103.3	19	0.3	75.9
CLEVELAND	8	0.1	96.9	8	0.1	97.5
COLUMBIA	59	1.0	246.0	48	0.7	203.2
CONWAY	32	0.6	153.1	37	0.6	176.9
CRAIGHEAD	316	5.5	298.7	371	5.5	346.4
CRAWFORD	51	0.9	81.9	70	1.0	111.1
CRITTENDEN	218	3.8	442.0	230	3.4	471.8
CROSS	71	1.2	416.7	56	0.8	332.1
DALLAS	15	0.3	201.9	31	0.5	419.3
DESHA	22	0.4	184.6	26	0.4	221.0
DREW	33	0.6	177.2	32	0.5	172.5
FAULKNER	204	3.6	167.1	236	3.5	190.9
FRANKLIN	9	0.2	50.9	14	0.2	78.3
FULTON	*	*	*	6	0.1	49.8
GARLAND	157	2.7	159.8	199	3.0	201.7
GRANT	12	0.2	66.3	15	0.2	82.6
GREENE	72	1.3	161.0	68	1.0	150.9
HEMPSTEAD	84	1.5	381.4	97	1.4	443.7
HOT SPRING	97	1.7	290.0	52	0.8	154.9
HOWARD	26	0.5	193.5	24	0.4	178.1
INDEPENDENCE	50	0.9	134.8	35	0.5	93.3
IZARD	5	0.1	37.1	*	*	*
JACKSON	50	0.9	288.9	58	0.9	338.5
JEFFERSON	407	7.1	578.6	422	6.3	610.6
JOHNSON	28	0.5	106.8	57	0.8	214.7
LAFAYETTE	15	0.3	216.5	24	0.4	349.8
LAWRENCE	19	0.3	114.2	10	0.1	60.5
LEE	25	0.4	267.1	36	0.5	392.3
LINCOLN	15	0.3	108.6	12	0.2	87.9
LITTLE RIVER	40	0.7	321.8	28	0.4	226.6



**Gonorrhea Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
LOGAN	20	0.3	92.1	30	0.4	138.1
LONOKE	122	2.1	170.0	146	2.2	200.3
MADISON	*	*	*	*	*	*
MARION	*	*	*	10	0.1	60.9
MILLER	177	3.1	403.4	197	2.9	447.9
MISSISSIPPI	266	4.6	620.3	268	4.0	635.7
MONROE	24	0.4	331.7	15	0.2	211.7
MONTGOMERY	*	*	*	*	*	*
NEVADA	22	0.4	262.7	36	0.5	432.3
NEWTON	*	*	*	5	0.1	63.9
OUACHITA	73	1.3	303.9	102	1.5	427.4
PERRY	8	0.1	77.9	7	0.1	67.6
PHILLIPS	45	0.8	236.2	63	0.9	339.2
PIKE	6	0.1	55.5	6	0.1	55.9
POINSETT	68	1.2	283.2	59	0.9	244.3
POLK	6	0.1	29.8	11	0.2	54.7
POPE	88	1.5	137.8	122	1.8	191.1
PRAIRIE	15	0.3	181.4	10	0.1	121.2
PULASKI	1,313	22.9	333.5	1,632	24.3	414.3
RANDOLPH	19	0.3	109.1	11	0.2	62.7
SALINE	117	2.0	99.5	142	2.1	119.0
SCOTT	*	*	*	*	*	*
SEARCY	9	0.2	113.0	6	0.1	75.6
SEBASTIAN	187	3.3	146.6	285	4.2	222.5
SEVIER	20	0.3	118.0	16	0.2	93.5
SHARP	12	0.2	70.0	16	0.2	92.0
ST FRANCIS	98	1.7	372.6	105	1.6	404.9
STONE	*	*	*	7	0.1	55.8
UNION	88	1.5	220.7	119	1.8	301.7
VAN BUREN	7	0.1	42.1	*	*	*
WASHINGTON	201	3.5	88.3	368	5.5	158.6
WHITE	133	2.3	168.7	125	1.9	158.2
WOODRUFF	12	0.2	181.2	15	0.2	228.3
YELL	20	0.3	93.1	15	0.2	69.7
<b>State Total</b>	<b>5,732</b>	<b>100</b>	<b>191.8</b>	<b>6,715</b>	<b>100</b>	<b>223.5</b>

- denotes 0.

\*Cell sizes less than 5 not reported.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

++ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

Note: Due to rounding percent totals may not total 100.

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Source: Arkansas PRISM Database, retrieved May 15, 2018.

**Primary and Secondary Syphilis Cases by Gender, Race/Ethnicity & Age Group  
Arkansas, 2016 & 2017**

Gender	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
Male	113	75.3	7.7	170	72.6	11.5
Female	37	24.7	2.4	64	27.4	4.2
<b>Total</b>	<b>150</b>	<b>100</b>	<b>5.0</b>	<b>234</b>	<b>100</b>	<b>7.8</b>
Race/Ethnicity	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
White, non-Hispanic	70	46.7	3.2	105	44.9	4.7
Black, non-Hispanic	70	46.7	14.7	109	46.6	22.7
Am Indian/AK Native, non-Hispanic	1	0.7	4.0	-	-	-
Asian/HI/Pacific Islander, non-Hispanic	1	0.7	1.7	2	0.9	3.4
Hispanic	6	4.0	2.7	13	5.6	5.7
Other, non-Hispanic	-	-	N/A	4	1.7	N/A
Unknown	2	1.3	N/A	1	0.4	N/A
<b>Total</b>	<b>150</b>	<b>100</b>	<b>5.0</b>	<b>234</b>	<b>100</b>	<b>7.8</b>
Age at Diagnosis	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
<13	-	-	-	-	-	-
13-14	-	-	-	-	-	-
15-18	2	1.3	1.3	8	3.4	5.0
19-24	32	21.3	13.1	72	30.8	29.7
25-34	61	40.7	15.6	79	33.8	20.0
35-44	30	20.0	8.2	47	20.1	12.8
45-54	18	12.0	4.8	20	8.5	5.3
55-64	4	2.7	1.1	8	3.4	2.1
65+	2	1.3	0.4	-	-	-
Unknown	1	0.7	N/A	-	-	N/A
<b>Total</b>	<b>150</b>	<b>100</b>	<b>5.0</b>	<b>234</b>	<b>100</b>	<b>7.8</b>

-denotes 0.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

++ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

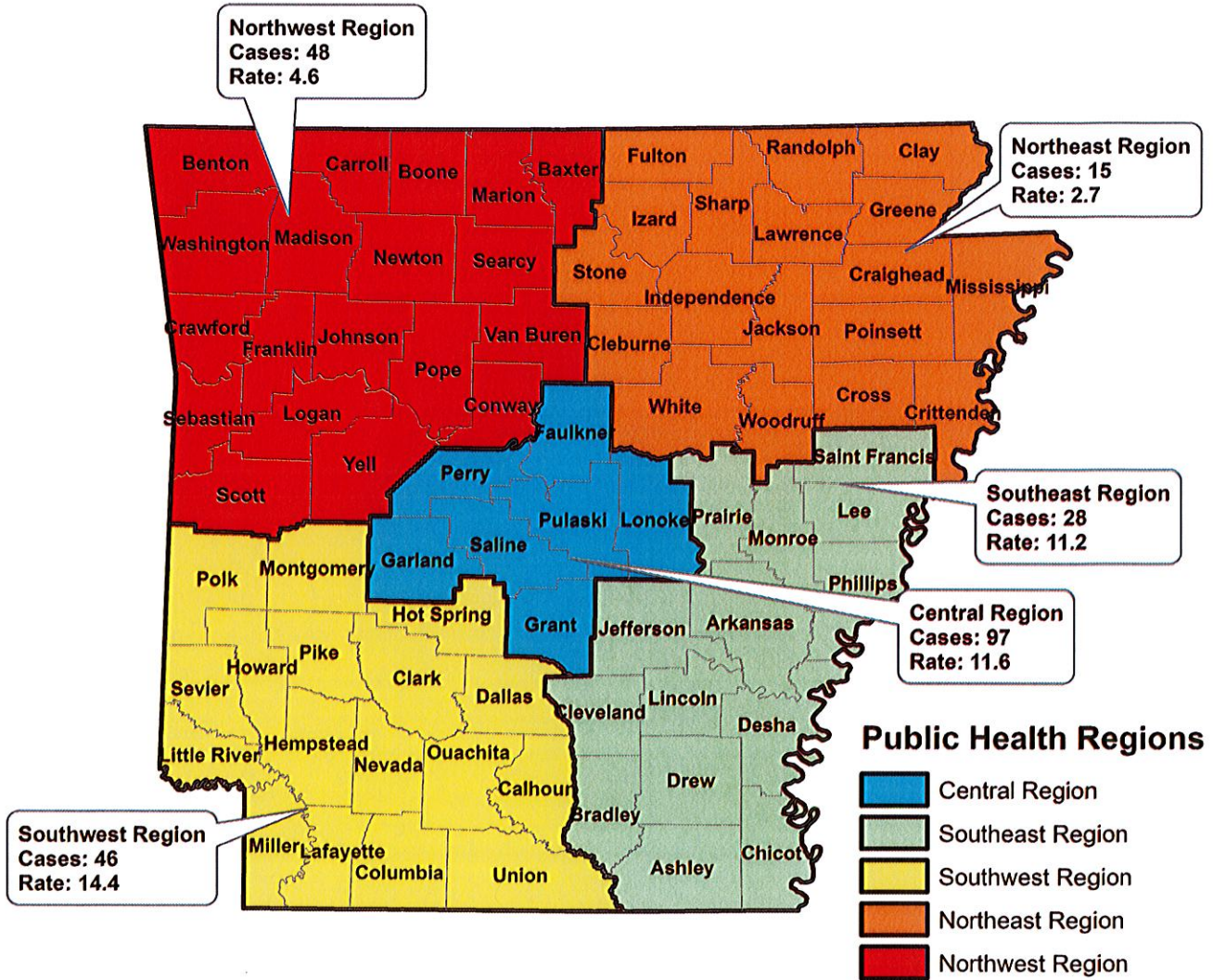
Note: Due to rounding percent totals may not total 100.

Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Source: Arkansas PRISM Database, retrieved May 15, 2018.



# Primary and Secondary Syphilis Cases Reported by Public Health Regions Arkansas, 2017



Note: The total rate of reported cases of primary and secondary syphilis for Arkansas was 7.8 per 100,000 population.

Note: Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).



Date: 8/17/2018

Source: Arkansas Department of Health

Map created by: Xiaoyan Egbe

Data source: Arkansas Patient Reporting Investigating Surveillance System (PRISM)

**Primary and Secondary Syphilis Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
ARKANSAS	*	*	*	-	-	-
ASHLEY	-	-	-	-	-	-
BAXTER	*	*	*	-	-	-
BENTON	11	7.3	4.3	5	2.1	1.9
BOONE	*	*	*	*	*	*
BRADLEY	*	*	*	-	-	-
CALHOUN	-	-	-	*	*	*
CARROLL	*	*	*	*	*	*
CHICOT	*	*	*	*	*	*
CLARK	-	-	-	6	2.6	26.9
CLAY	*	*	*	-	-	-
CLEBURNE	-	-	-	*	*	*
CLEVELAND	-	-	-	-	-	-
COLUMBIA	*	*	*	*	*	*
CONWAY	*	*	*	*	*	*
CRAIGHEAD	*	*	*	6	2.6	5.6
CRAWFORD	*	*	*	-	-	-
CRITTENDEN	*	*	*	*	*	*
CROSS	-	-	-	*	*	*
DALLAS	-	-	-	-	-	-
DESHA	-	-	-	-	-	-
DREW	-	-	-	*	*	*
FAULKNER	*	*	*	9	3.8	7.3
FRANKLIN	-	-	-	-	-	-
FULTON	-	-	-	-	-	-
GARLAND	*	*	*	*	*	*
GRANT	-	-	-	-	-	-
GREENE	*	*	*	-	-	-
HEMPSTEAD	*	*	*	7	3.0	32.0
HOT SPRING	7	4.7	20.9	5	2.1	14.9
HOWARD	-	-	-	*	*	*
INDEPENDENCE	*	*	*	-	-	-
IZARD	-	-	-	*	*	*
JACKSON	8	5.3	46.2	*	*	*
JEFFERSON	11	7.3	15.6	16	6.8	23.1
JOHNSON	-	-	-	*	*	*
LAFAYETTE	-	-	-	-	-	-
LAWRENCE	*	*	*	*	*	*
LEE	*	*	*	*	*	*
LINCOLN	*	*	*	*	*	*
LITTLE RIVER	-	-	-	*	*	*
LOGAN	-	-	-	*	*	*



**Primary and Secondary Syphilis Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
LONOKE	*	*	*	8	3.4	11.0
MADISON	*	*	*	-	-	-
MARION	-	-	-	-	-	-
MILLER	6	4.0	13.7	16	6.8	36.4
MISSISSIPPI	*	*	*	-	-	-
MONROE	-	-	-	-	-	-
MONTGOMERY	-	-	-	-	-	-
NEVADA	-	-	-	*	*	*
NEWTON	-	-	-	*	*	*
OUACHITA	-	-	-	*	*	*
PERRY	-	-	-	-	-	-
PHILLIPS	*	*	*	*	*	*
PIKE	-	-	-	-	-	-
POINSETT	-	-	-	-	-	-
POLK	-	-	-	*	*	*
POPE	-	-	-	5	2.1	7.8
PRAIRIE	-	-	-	-	-	-
PULASKI	44	29.3	11.2	73	31.2	18.5
RANDOLPH	*	*	*	-	-	-
SALINE	*	*	*	5	2.1	4.2
SCOTT	-	-	-	-	-	-
SEARCY	-	-	-	-	-	-
SEBASTIAN	7	4.7	5.5	7	3.0	5.5
SEVIER	*	*	*	*	*	*
SHARP	-	-	-	-	-	-
ST FRANCIS	-	-	-	*	*	*
STONE	-	-	-	-	-	-
UNION	*	*	*	*	*	*
VAN BUREN	*	*	*	-	-	-
WASHINGTON	6	4.0	2.6	21	9.0	9.1
WHITE	*	*	*	*	*	*
WOODRUFF	-	-	-	-	-	-
YELL	-	-	-	*	*	*
<b>State Total</b>	<b>150</b>	<b>100</b>	<b>5.0</b>	<b>234</b>	<b>100</b>	<b>7.8</b>

- denotes 0.

\*Cell sizes less than 5 not reported.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

++ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

Note: Due to rounding percent totals may not total 100.

Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Source: Arkansas PRISM Database, retrieved May 15, 2018.

**Early Latent Syphilis Cases by Gender, Race/Ethnicity & Age Group  
Arkansas, 2016 & 2017**

Gender	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
Male	205	73.2	14.0	228	69.5	15.4
Female	75	26.8	4.9	100	30.5	6.5
<b>Total</b>	<b>280</b>	<b>100.0</b>	<b>9.4</b>	<b>328</b>	<b>100</b>	<b>10.9</b>
Race/Ethnicity	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
White, non-Hispanic	107	38.2	4.8	160	48.8	7.2
Black, non-Hispanic	147	52.5	30.8	139	42.4	29.0
Am Indian/AK Native, non-Hispanic	2	0.7	8.1	1	0.3	4.0
Asian/HI/Pacific Islander, non-Hispanic	4	1.4	7.0	4	1.2	6.7
Hispanic	14	5.0	6.4	18	5.5	7.91
Other, non-Hispanic	4	1.4	N/A	2	0.6	N/A
Unknown	2	0.7	N/A	4	1.2	N/A
<b>Total</b>	<b>280</b>	<b>100</b>	<b>9.4</b>	<b>328</b>	<b>100</b>	<b>10.9</b>
Age at Diagnosis	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
<13	-	-	-	1	0.3	0.2
13-14	-	-	-	-	-	-
15-18	3	1.1	1.9	11	3.4	6.9
19-24	67	23.9	27.5	85	25.9	35.1
25-34	106	37.9	27.0	129	39.3	32.6
35-44	52	18.6	14.3	67	20.4	18.3
45-54	35	12.5	9.2	23	7.0	6.1
55-64	15	5.4	4.0	10	3.1	2.6
65+	2	0.7	0.4	2	0.6	0.4
<b>Total</b>	<b>280</b>	<b>100</b>	<b>9.4</b>	<b>328</b>	<b>100</b>	<b>10.9</b>

-denotes 0.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

++ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

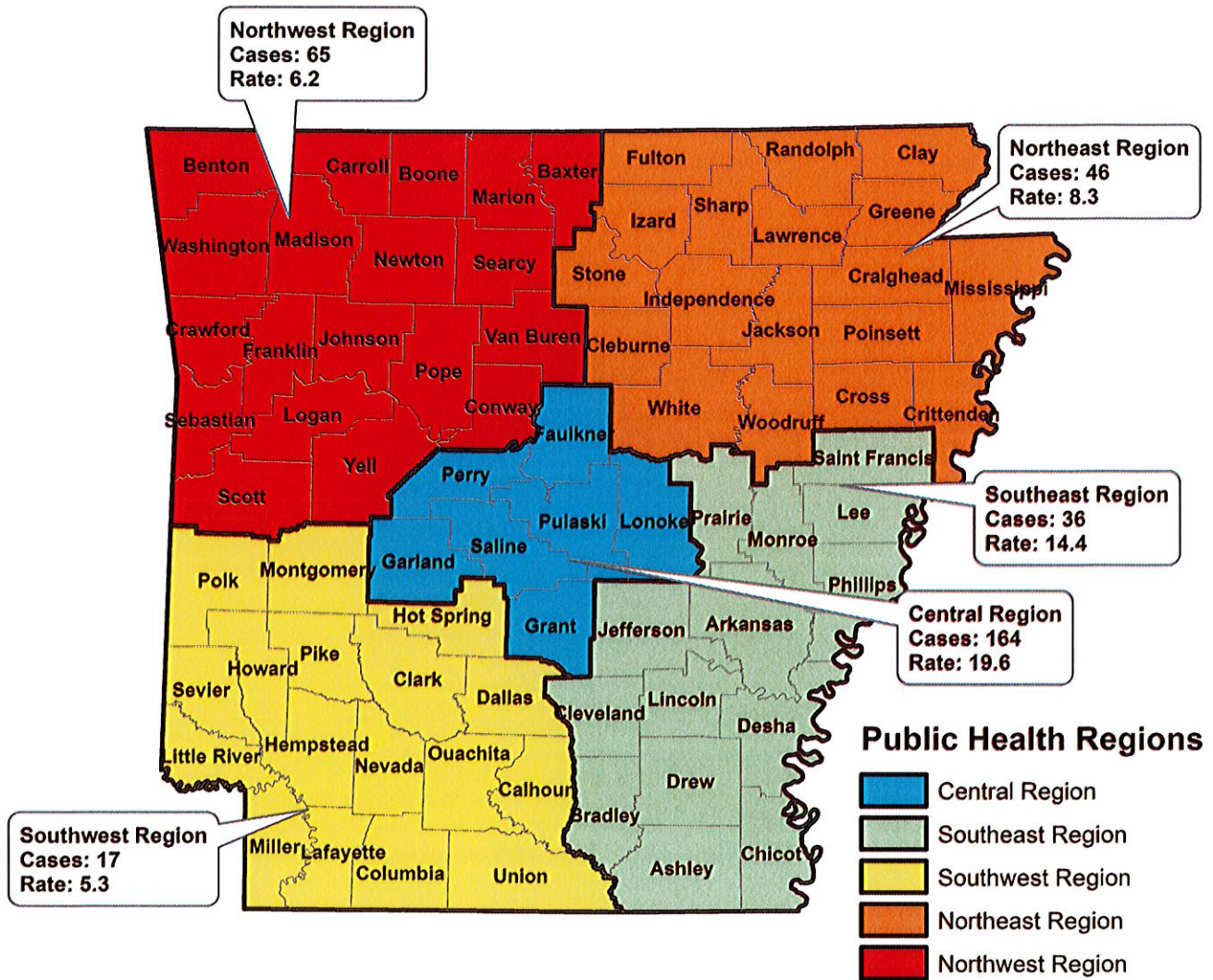
Note: Due to rounding percent totals may not total 100.

Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Source: Arkansas PRISM Database, retrieved May 15, 2018.



# Early Latent Syphilis Cases Reported by Public Health Regions Arkansas, 2017



Note: The total rate of reported cases of early latent syphilis for Arkansas was 10.9 per 100,000 population.

Note: Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).



Date: 8/17/2018  
 Source: Arkansas Department of Health  
 Map created by: Xiaoyan Egbe  
 Data source: Arkansas Patient Reporting Investigating Surveillance System (PRISM)

**Early Latent Syphilis Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
ARKANSAS	*	*	*	*	*	*
ASHLEY	*	*	*	*	*	*
BAXTER	*	*	*	-	-	-
BENTON	9	3.2	3.5	17	5.2	6.4
BOONE	*	*	*	*	*	*
BRADLEY	-	-	-	-	-	-
CALHOUN	-	-	-	-	-	-
CARROLL	*	*	*	-	-	-
CHICOT	*	*	*	*	*	*
CLARK	*	*	*	-	-	-
CLAY	-	-	-	-	-	-
CLEBURNE	-	-	-	*	*	*
CLEVELAND	-	-	-	-	-	-
COLUMBIA	*	*	*	-	-	-
CONWAY	-	-	-	*	*	*
CRAIGHEAD	*	*	*	7	2.1	6.5
CRAWFORD	*	*	*	6	1.8	9.5
CRITTENDEN	5	1.8	10.1	5	1.5	10.3
CROSS	-	-	-	*	*	*
DALLAS	-	-	-	-	-	-
DESHA	*	*	*	*	*	*
DREW	-	-	-	-	-	-
FAULKNER	18	6.4	14.7	10	3.1	8.1
FRANKLIN	*	*	*	-	-	-
FULTON	*	*	*	-	-	-
GARLAND	7	2.5	7.1	*	*	*
GRANT	-	-	-	-	-	-
GREENE	-	-	-	*	*	*
HEMPSTEAD	*	*	*	*	*	*
HOT SPRING	15	5.4	44.8	*	*	*
HOWARD	*	*	*	-	-	-
INDEPENDENCE	*	*	*	*	*	*
IZARD	*	*	*	*	*	*
JACKSON	14	5	80.9	12	3.7	70.0
JEFFERSON	17	6.1	24.2	9	2.7	13.0
JOHNSON	*	*	*	*	*	*
LAFAYETTE	*	*	*	-	-	-
LAWRENCE	-	-	-	*	*	*
LEE	*	*	*	*	*	*
LINCOLN	6	2.1	43.4	6	1.8	44.0
LITTLE RIVER	*	*	*	-	-	-
LOGAN	-	-	-	*	*	*
LONOKE	*	*	*	12	3.7	16.5
MADISON	*	*	*	-	-	-



**Early Latent Syphilis Cases by County of Residence  
Arkansas, 2016 & 2017**

County	Jan-Dec 2016			Jan-Dec 2017		
	Number	Percent	Rate <sup>+</sup>	Number	Percent	Rate <sup>++</sup>
MARION	-	-	-	-	-	-
MILLER	7	2.5	16.0	8	2.4	18.2
MISSISSIPPI	*	*	*	*	*	*
MONROE	*	*	*	*	*	*
MONTGOMERY	-	-	-	-	-	-
NEVADA	-	-	-	*	*	*
NEWTON	-	-	-	-	-	-
OUACHITA	-	-	-	-	-	-
PERRY	-	-	-	-	-	-
PHILLIPS	*	*	*	*	*	*
PIKE	-	-	-	*	*	*
POINSETT	*	*	*	*	*	*
POLK	-	-	-	-	-	-
POPE	*	*	*	*	*	*
PRAIRIE	*	*	*	-	-	-
PULASKI	101	36.1	25.7	130	39.6	33.0
RANDOLPH	*	*	*	-	-	-
SALINE	*	*	*	8	2.4	6.7
SCOTT	-	-	-	*	*	*
SEARCY	-	-	-	-	-	-
SEBASTIAN	10	3.6	7.8	12	3.7	9.4
SEVIER	-	-	-	*	*	*
SHARP	-	-	-	-	-	-
ST FRANCIS	*	*	*	6	1.8	23.1
STONE	-	-	-	-	-	-
UNION	*	*	*	*	*	*
VAN BUREN	-	-	-	*	*	*
WASHINGTON	11	3.9	4.8	20	6.1	8.6
WHITE	-	-	-	7	2.1	8.9
WOODRUFF	-	-	-	-	-	-
YELL	-	-	-	*	*	*
<b>State Total</b>	<b>280</b>	<b>100</b>	<b>9.4</b>	<b>328</b>	<b>100</b>	<b>10.9</b>

- denotes 0.

\*Cell sizes less than 5 not reported.

+ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2016 Postcensal population estimates).

++ Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

Note: Due to rounding percent totals may not total 100.

Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Source: Arkansas PRISM Database, retrieved May 15, 2018.

**Primary and Secondary Syphilis Co-morbidity Cases  
by Disease, Gender, Race/Ethnicity & Age Group  
Arkansas, 2017**

Gender	HIV			Chlamydia or Gonorrhea		
	Number	Percent	Rate <sup>++</sup>	Number	Percent	Rate <sup>++</sup>
Male	17	100	1.2	22	53.7	1.5
Female	-	-	-	19	46.3	1.2
<b>Total</b>	<b>17</b>	<b>100</b>	<b>0.6</b>	<b>41</b>	<b>100</b>	<b>1.4</b>
Race/Ethnicity	Number	Percent	Rate <sup>++</sup>	Number	Percent	Rate <sup>++</sup>
White, non-Hispanic	3	17.6	0.1	20	48.8	0.9
Black, non-Hispanic	12	70.6	2.5	20	48.8	4.2
Am Indian/AK Native, non-Hispanic	-	-	-	-	-	-
Asian/HI/Pacific Islander, non-Hispanic	-	-	-	-	-	-
Hispanic	2	11.8	0.9	1	2.4	0.4
Other, non-Hispanic	-	-	N/A	-	-	N/A
<b>Total</b>	<b>17</b>	<b>100</b>	<b>0.6</b>	<b>41</b>	<b>100</b>	<b>1.4</b>
Age at Diagnosis	Number	Percent	Rate <sup>++</sup>	Number	Percent	Rate <sup>++</sup>
<13	-	-	-	-	-	-
13-14	-	-	-	-	-	-
15-18	-	-	-	3	7.3	1.9
19-24	6	35.3	2.5	18	43.9	7.4
25-34	5	29.4	1.3	15	36.6	3.8
35-44	2	11.8	0.5	5	12.2	1.4
45-54	3	17.6	0.8	-	-	-
55-64	1	5.9	0.3	-	-	-
65+	-	-	-	-	-	-
<b>Total</b>	<b>17</b>	<b>100</b>	<b>0.6</b>	<b>41</b>	<b>100</b>	<b>1.4</b>

-denotes 0.

<sup>++</sup> Rates are per 100,000 population (US DHHS, CDC, NCHS, Bridged-Race Vintage 2017 Postcensal population estimates).

Note: Due to rounding percent totals may not total 100.

Note: Rates calculated for cell sizes of 20 or less are considered unstable and should be considered with caution.

Source: Arkansas PRISM Database, retrieved May 15, 2018.





ARKANSAS DEPARTMENT OF

**Health**

*Keeping Your Hometown Healthy*

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