

STI Surveillance Report Arkansas, 2016



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 are presented for Chlamydia, Gonorrhea, and Early Syphilis infection among residents of Arkansas based on data reported to the STI Surveillance Program who were diagnosed as of December 31, 2016.

ERRATA: The 2015 syphilis data was corrected in this edition, due to an error that occurred during the data pull. The previously reported data was reflective of early latent syphilis.

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 a difference in the number of cases reported in previous issues of this document.

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

<http://www.healthy.arkansas.gov/programsServices/healthStatistics/Pages/stdHivRegistry.aspx>

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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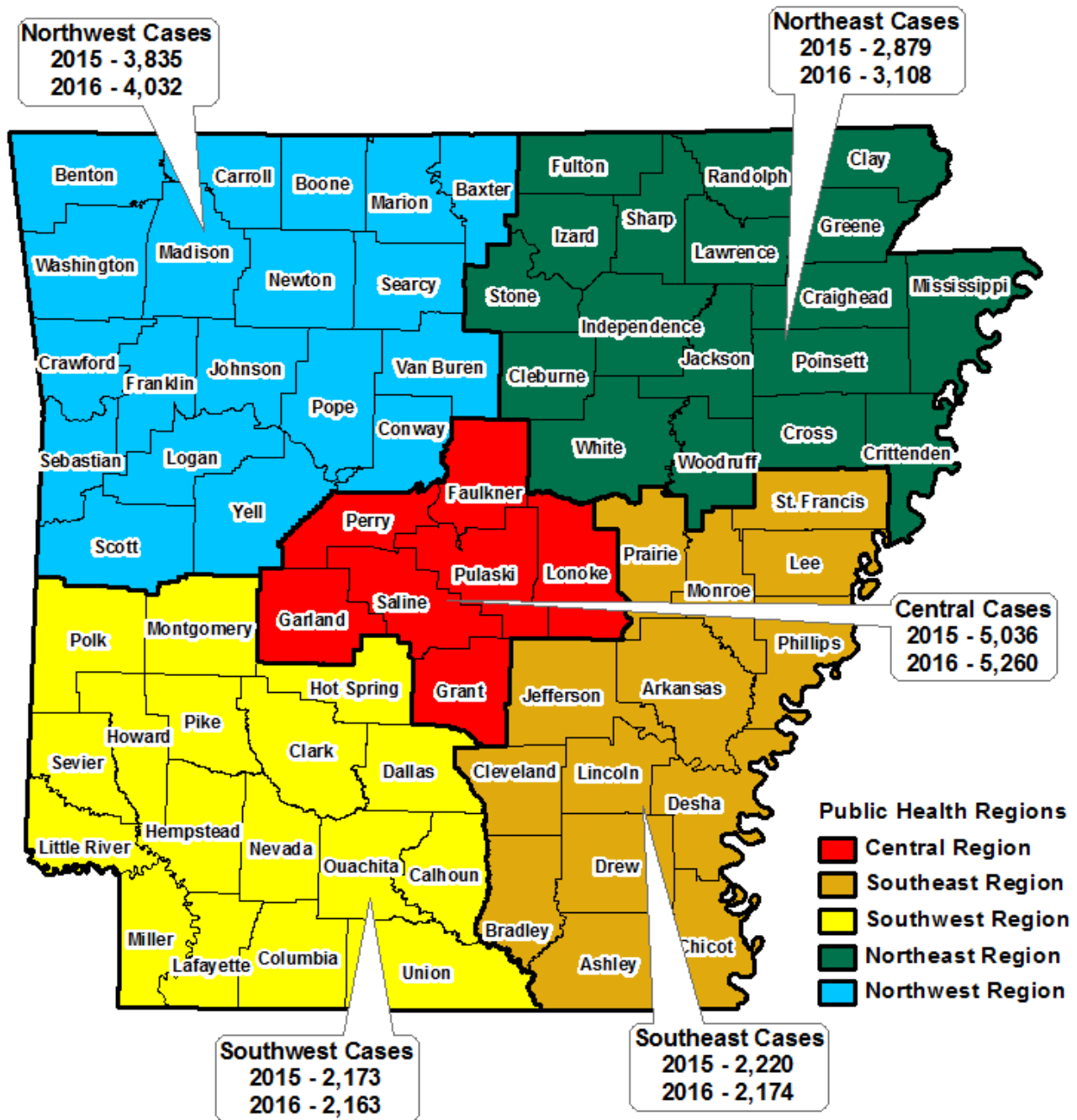
**Chlamydia Cases by Gender, Race/Ethnicity & Age Group
Arkansas, 2015 & 2016**

Gender	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
Male	4,070	25.2%	4,521	27.0%
Female	12,073	74.8%	12,216	73.0%
Total	16,143	100%	16,737	100%
Race/Ethnicity	Number	Percent	Number	Percent
White, non-Hispanic	6,548	40.5%	7,154	42.7%
Black, non-Hispanic	8,220	51.0%	8,315	49.7%
Am Indian/AK Native, non-Hispanic	38	0.2%	45	0.3%
Asian/HI/Pacific Islander, non-Hispanic	208	1.3%	206	1.2%
Hispanic	901	5.5%	828	4.9%
Other, non-Hispanic	79	0.5%	103	0.6%
Unknown	149	1.0%	86	0.5%
Total	16,143	100%	16,737	100%
Age at Diagnosis	Number	Percent	Number	Percent
<13	9	0.06%	31	0.2%
13-14	133	0.8%	136	0.8%
15-18	3,100	19.2%	3,509	20.96%
19-24	8,083	50.1%	8,110	48.5%
25-34	3,932	24.4%	3,875	23.2%
35-44	699	4.3%	825	4.9%
45-54	142	0.9%	191	1.1%
55-64	37	0.2%	54	0.3%
65+	8	0.04%	6	0.04%
Unknown	-	-	-	-
Total	16,143	100%	16,737	100%

-denotes cell equal 0

Source: Arkansas PRISM Database
Retrieved September 11, 2017

Chlamydia Cases by Public Health Regions Arkansas, 2015 & 2016



Date: October 24, 2017
 Source: Arkansas Department of Health
 Map created by: Xiaoyan Egbe

Data Source: Arkansas PRISM Databases
 Retrieved September 11, 2017

**Chlamydia Cases by County of Residence
Arkansas, 2015 & 2016**

County	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
ARKANSAS	111	0.7%	101	0.6%
ASHLEY	118	0.7%	112	0.7%
BAXTER	80	0.5%	100	0.6%
BENTON	715	4.4%	749	4.5%
BOONE	98	0.6%	119	0.7%
BRADLEY	57	0.4%	57	0.3%
CALHOUN	19	0.1%	18	0.1%
CARROLL	43	0.3%	59	0.4%
CHICOT	77	0.5%	78	0.5%
CLARK	191	1.2%	163	1.0%
CLAY	36	0.2%	30	0.2%
CLEBURNE	51	0.3%	59	0.4%
CLEVELAND	26	0.2%	30	0.2%
COLUMBIA	236	1.5%	212	1.3%
CONWAY	83	0.5%	81	0.5%
CRAIGHEAD	627	3.9%	709	4.2%
CRAWFORD	174	1.1%	213	1.3%
CRITTENDEN	569	3.5%	553	3.3%
CROSS	129	0.8%	145	0.9%
DALLAS	63	0.4%	44	0.3%
DESHA	113	0.7%	86	0.5%
DREW	142	0.9%	125	0.7%
FAULKNER	596	3.7%	669	4.0%
FRANKLIN	64	0.4%	67	0.4%
FULTON	23	0.1%	23	0.1%
GARLAND	415	2.6%	437	2.6%
GRANT	49	0.3%	59	0.4%
GREENE	199	1.2%	189	1.1%
HEMPSTEAD	209	1.3%	187	1.1%
HOT SPRING	112	0.7%	175	1.0%
HOWARD	107	0.7%	86	0.5%
INDEPENDENCE	106	0.7%	140	0.8%
IZARD	27	0.2%	37	0.2%
JACKSON	87	0.5%	94	0.6%
JEFFERSON	917	5.7%	983	5.9%
JOHNSON	86	0.5%	82	0.5%
LAFAYETTE	57	0.4%	55	0.3%
LAWRENCE	43	0.3%	55	0.3%
LEE	75	0.5%	78	0.5%
LINCOLN	49	0.3%	48	0.3%
LITTLE RIVER	64	0.4%	76	0.5%

**Chlamydia Cases by County of Residence
Arkansas, 2015 & 2016**

County	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
LOGAN	73	0.5%	81	0.5%
LONOKE	264	1.6%	333	2.0%
MADISON	41	0.3%	36	0.2%
MARION	44	0.3%	38	0.2%
MILLER	388	2.4%	432	2.6%
MISSISSIPPI	463	2.9%	485	2.9%
MONROE	67	0.4%	52	0.3%
MONTGOMERY	21	0.1%	16	0.1%
NEVADA	57	0.4%	69	0.4%
NEWTON	15	0.1%	20	0.1%
OUACHITA	183	1.1%	205	1.2%
PERRY	33	0.2%	27	0.2%
PHILLIPS	200	1.2%	167	1.0%
PIKE	34	0.2%	35	0.2%
POINSETT	120	0.7%	109	0.7%
POLK	62	0.4%	53	0.3%
POPE	344	2.1%	280	1.7%
PRAIRIE	20	0.1%	20	0.1%
PULASKI	3,393	21.0%	3,356	20.1%
RANDOLPH	52	0.3%	54	0.3%
SALINE	286	1.8%	379	2.3%
SCOTT	40	0.2%	34	0.2%
SEARCY	13	0.1%	19	0.1%
SEBASTIAN	563	3.5%	583	3.5%
SEVIER	67	0.4%	66	0.4%
SHARP	28	0.2%	35	0.2%
ST FRANCIS	248	1.5%	237	1.4%
STONE	16	0.1%	14	0.1%
UNION	303	1.9%	271	1.6%
VAN BUREN	42	0.3%	27	0.2%
WASHINGTON	1,241	7.7%	1,385	8.3%
WHITE	275	1.7%	343	2.0%
WOODRUFF	28	0.2%	34	0.2%
YELL	76	0.5%	59	0.4%
State Total	16,143	100%	16,737	100%

*Cell sizes less than 5 not reported

Source: Arkansas PRISM Database
Retrieved September 11, 2017

**Gonorrhea Cases by Gender, Race/Ethnicity & Age Group
Arkansas, 2015 & 2016**

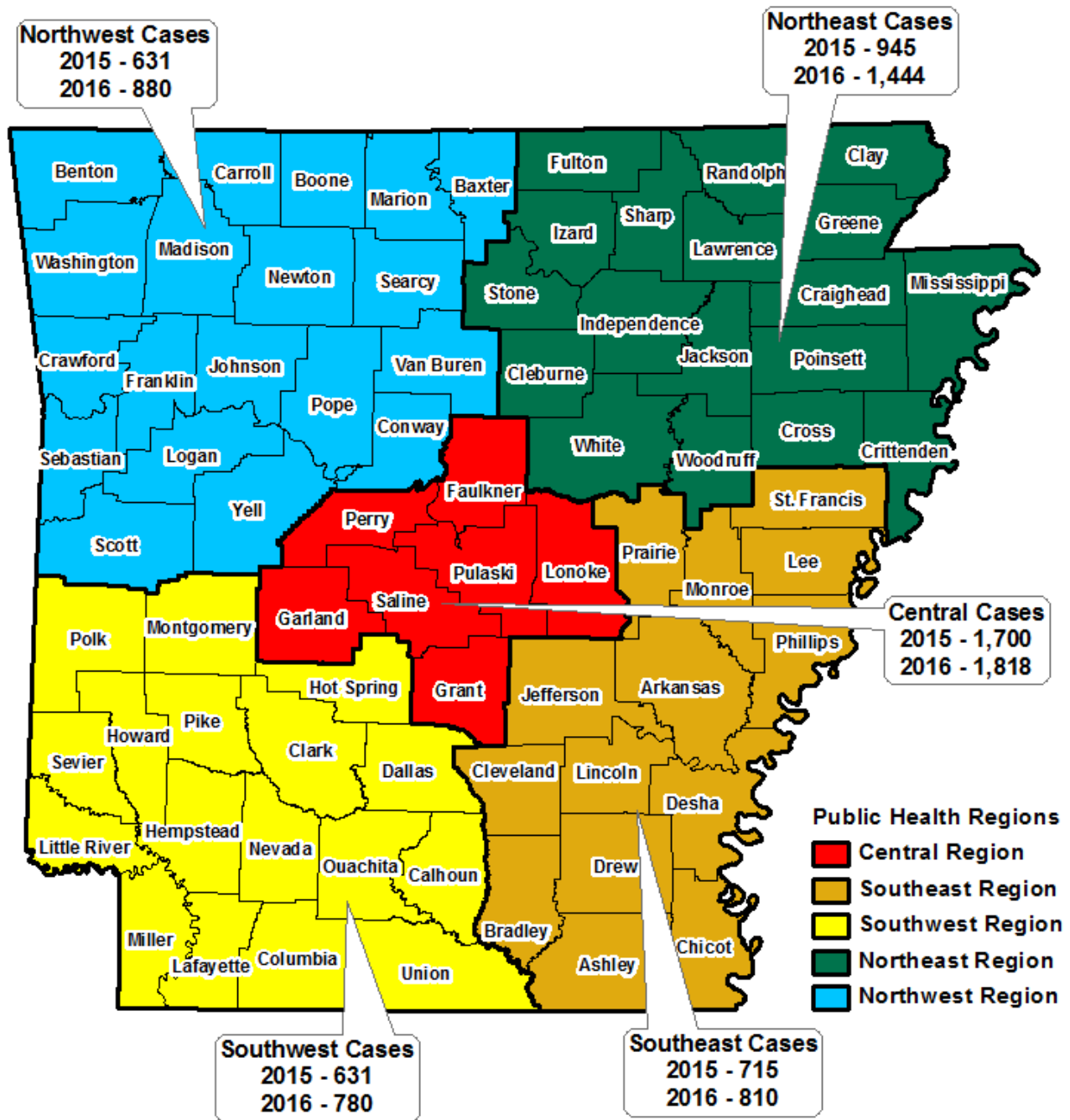
Gender	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
Male	2,265	52.5%	2,769	48.3%
Female	2,504	47.5%	2,963	51.7%
TOTAL	4,769	100%	5,732	100%
Race/Ethnicity	Number	Percent	Number	Percent
White, non-Hispanic	1,518	31.8%	2,088	36.4%
Black, non-Hispanic	3,071	64.4%	3,409	59.5%
Am Indian/AK Native, non-Hispanic	5	0.1%	7	0.1%
Asian/HI/Pacific Islander, non-Hispanic	15	0.3%	39	0.7%
Hispanic	110	2.3%	126	2.2%
Other, non-Hispanic	13	0.3%	19	0.3%
Unknown	37	0.8%	44	0.8%
Total	4,769	100%	5,732	100%
Age at Diagnosis	Number	Percent	Number	Percent
<13	6	0.1%	14	0.2%
13-14	39	0.8%	37	0.6%
15-18	688	14.4%	865	15.1%
19-24	2,044	43.0%	2,320	40.5%
25-34	1,456	30.5%	1,738	30.3%
35-44	379	8.0%	523	9.1%
45-54	112	2.3%	171	3.0%
55-64	35	0.7%	54	1.0%
65+	10	0.2%	10	0.2%
Unknown	-	-	-	-
Total	4,769	100%	5,732	100%

- denotes cell equals 0

Source: Arkansas PRISM Database

Retrieved September 11, 2017

Gonorrhea Cases by Public Health Regions Arkansas, 2015 & 2016



Date: October 24, 2017
 Source: Arkansas Department of Health
 Map created by: Xiaoyan Egbe

Data Source: Arkansas PRISM Databases
 Retrieved September 11, 2017

**Gonorrhea Cases by County of Residence
Arkansas, 2015 & 2016**

County	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
ARKANSAS	51	1.1%	35	0.6%
ASHLEY	28	0.6%	20	0.3%
BAXTER	11	0.2%	25	0.4%
BENTON	68	1.4%	155	2.7%
BOONE	6	0.1%	16	0.3%
BRADLEY	13	0.3%	22	0.4%
CALHOUN	*	*	7	0.1%
CARROLL	*	*	6	0.1%
CHICOT	13	0.3%	22	0.4%
CLARK	42	0.9%	50	0.9%
CLAY	10	0.2%	14	0.2%
CLEBURNE	17	0.4%	26	0.5%
CLEVELAND	*	*	8	0.1%
COLUMBIA	35	0.7%	59	1.0%
CONWAY	26	0.5%	32	0.6%
CRAIGHEAD	225	4.7%	316	5.5%
CRAWFORD	36	0.8%	51	0.9%
CRITTENDEN	173	3.6%	218	3.8%
CROSS	28	0.6%	71	1.2%
DALLAS	10	0.2%	15	0.3%
DESHA	17	0.4%	22	0.4%
DREW	29	0.6%	33	0.6%
FAULKNER	154	3.2%	204	3.6%
FRANKLIN	12	0.3%	9	0.2%
FULTON	*	*	4	0.1%
GARLAND	140	2.9%	157	2.7%
GRANT	10	0.2%	12	0.2%
GREENE	76	1.6%	72	1.3%
HEMPSTEAD	117	2.5%	84	1.5%
HOT SPRING	37	0.8%	97	1.7%
HOWARD	33	0.7%	26	0.5%
INDEPENDENCE	30	0.6%	50	0.9%
IZARD	*	*	5	0.1%
JACKSON	28	0.6%	50	0.9%
JEFFERSON	333	7.0%	407	7.1%
JOHNSON	21	0.4%	28	0.5%
LAFAYETTE	10	0.2%	15	0.3%
LAWRENCE	6	0.1%	19	0.3%
LEE	26	0.5%	25	0.4%
LINCOLN	*	*	15	0.3%
LITTLE RIVER	32	0.7%	40	0.7%

**Gonorrhea Cases by County of Residence
Arkansas, 2015 & 2016**

County	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
LOGAN	24	0.5%	20	0.3%
LONOKE	64	1.3%	122	2.1%
MADISON	*	*	2	0.0%
MARION	7	0.1%	1	0.0%
MILLER	218	4.6%	177	3.1%
MISSISSIPPI	210	4.4%	266	4.6%
MONROE	39	0.8%	24	0.4%
MONTGOMERY	*	*	3	0.1%
NEVADA	26	0.5%	22	0.4%
NEWTON	*	*	3	0.1%
OUACHITA	52	1.1%	73	1.3%
PERRY	13	0.3%	8	0.1%
PHILLIPS	74	1.6%	45	0.8%
PIKE	8	0.2%	6	0.1%
POINSETT	49	1.0%	68	1.2%
POLK	8	0.2%	6	0.1%
POPE	87	1.8%	88	1.5%
PRAIRIE	13	0.3%	15	0.3%
PULASKI	1,234	25.9%	1,313	22.9%
RANDOLPH	5	0.1%	19	0.3%
SALINE	85	1.8%	117	2.0%
SCOTT	*	*	2	0.0%
SEARCY	*	*	9	0.2%
SEBASTIAN	172	3.6%	187	3.3%
SEVIER	9	0.2%	20	0.3%
SHARP	*	*	12	0.2%
ST FRANCIS	74	1.6%	98	1.7%
STONE	5	0.1%	3	0.1%
UNION	137	2.9%	88	1.5%
VAN BUREN	13	0.3%	7	0.1%
WASHINGTON	132	2.8%	201	3.5%
WHITE	62	1.3%	133	2.3%
WOODRUFF	11	0.2%	12	0.2%
YELL	8	0.2%	20	0.3%
State Total	4,769	100%	5,732	100.0%

- denotes cell equals 0

*Cell sizes less than 5 not reported.

Source: Arkansas PRISM Database

Retrieved September 11, 2017

**Early Syphilis Cases by Gender, Race/Ethnicity & Age Group
Arkansas, 2015 & 2016**

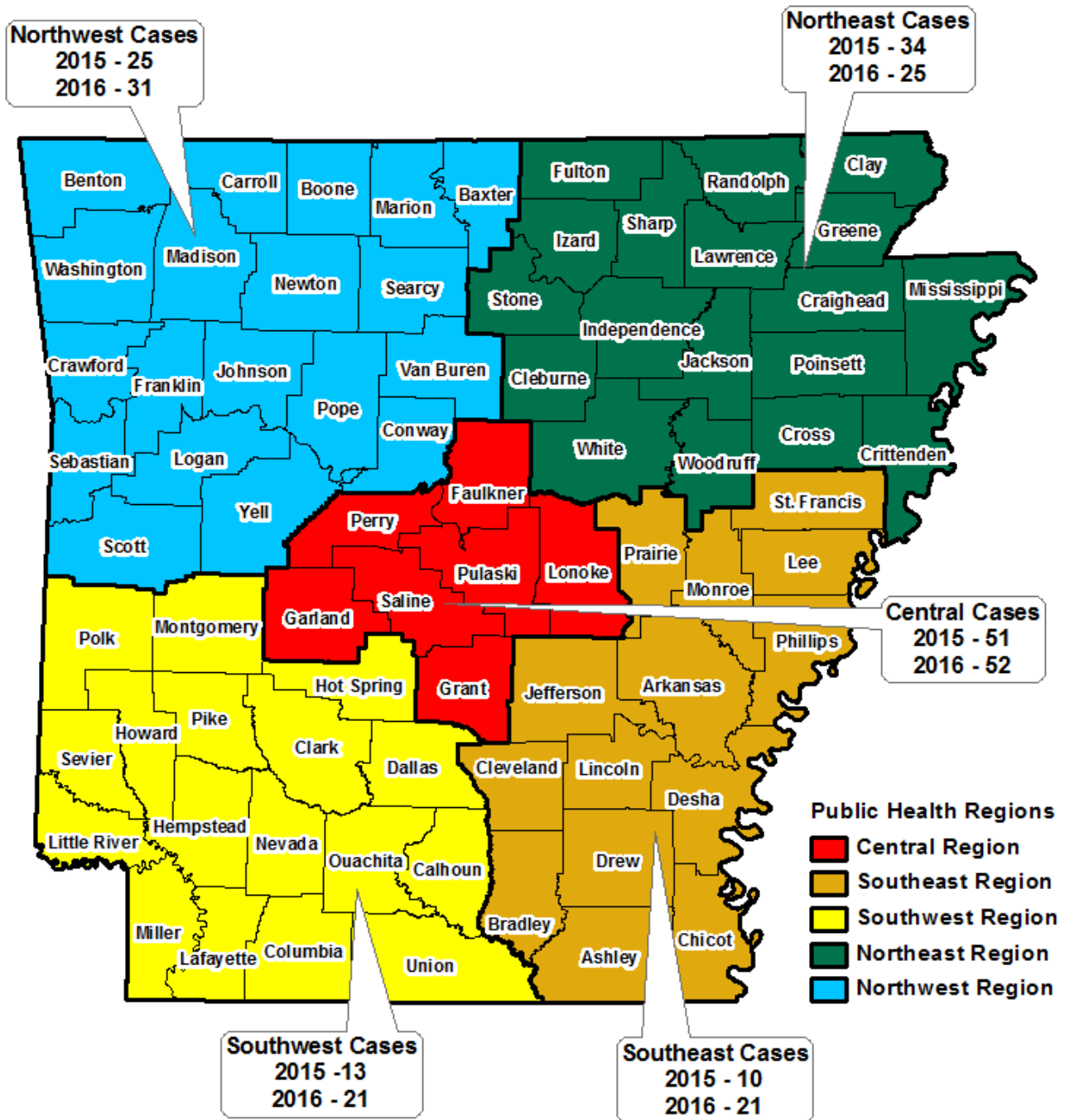
Gender	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
Male	107	80.5%	113	75.3%
Female	26	19.5%	37	24.7%
Total	133	100%	150	100%
Race/Ethnicity	Number	Percent	Number	Percent
White, non-Hispanic	67	50.4%	70	46.7%
Black, non-Hispanic	58	43.6%	70	46.7%
Am Indian/AK Native, non-Hispanic	1	0.8%	1	0.7%
Asian/HI/Pacific Islander, non-Hispanic	-	-	1	0.7%
Hispanic	5	3.8%	6	4.0%
Other, non-Hispanic	1	0.8%	-	-
Unknown	1	0.8%	2	1.3%
Total	133	100%	150	100%
Age at Diagnosis	Number	Percent	Number	Percent
<13	-	-	-	-
13-14	-	-	-	-
15-18	6	4.5%	2	1.3%
19-24	28	21.1%	32	21.3%
25-34	50	37.6%	61	40.7%
35-44	36	27.1%	30	20.0%
45-54	8	6.0%	18	12.0%
55-64	4	3.0%	4	2.7%
65+	1	0.8%	2	1.3%
Unknown	-		1	0.7%
Total	133	100%	150	100%

- denotes cell equals 0

Source: Arkansas PRISM Database

Retrieved September 11, 2017

Early Syphilis Cases by Public Health Regions Arkansas, 2015 & 2016



Date: October 24, 2017
 Source: Arkansas Department of Health
 Map created by: Xiaoyan Egbe

Data Source: Arkansas PRISM Databases
 Retrieved September 11, 2017

**Early Syphilis Cases by County of Residence
Arkansas, 2015 & 2016**

County	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
ARKANSAS	-	-	*	*
ASHLEY	-	-	-	-
BAXTER	-	-	*	*
BENTON	*	*	11	7.3%
BOONE	-	-	*	*
BRADLEY	-	-	*	*
CALHOUN	-	-	-	-
CARROLL	*	*	*	*
CHICOT	-	*	*	*
CLARK	*	*	-	-
CLAY	*	*	*	*
CLEBURNE	-	-	-	-
CLEVELAND	-	-	-	-
COLUMBIA	*	*	*	*
CONWAY	-	-	*	*
CRAIGHEAD	5	3.8%	*	*
CRAWFORD	*	*	*	*
CRITTENDEN	6	4.5%	*	*
CROSS	-	-	-	-
DALLAS	-	-	-	-
DESHA	*	*	-	-
DREW	-	-	-	-
FAULKNER	5	3.8%	*	*
FRANKLIN	-	-	-	-
FULTON	-	-	-	-
GARLAND	-	-	*	*
GRANT	*	*	-	-
GREENE	*	*	*	*
HEMPSTEAD	*	*	*	*
HOT SPRING	*	*	7	4.7%
HOWARD	-	-	-	-
INDEPENDENCE	*	*	*	*
IZARD	-	-	-	-
JACKSON	8	6.0%	8	5.3%
JEFFERSON	6	4.5%	11	7.3%
JOHNSON	-	-	-	-
LAFAYETTE	*	*	-	-
LAWRENCE	*	*	*	*
LEE	*	*	*	*
LINCOLN	-	-	*	*
LITTLE RIVER	*	*	-	-

**Early Syphilis Cases by County of Residence
Arkansas, 2015 & 2016**

County	Jan-Dec 2015		Jan-Dec 2016	
	Number	Percent	Number	Percent
LOGAN	-	-	-	-
LONOKE	*	*	*	*
MADISON	-	-	*	*
MARION	-	-	-	-
MILLER	*	*	6	4.0%
MISSISSIPPI	*	*	*	*
MONROE	-	-	-	-
MONTGOMERY	-	-	-	-
NEVADA	-	-	-	-
NEWTON	-	-	-	-
OUACHITA	-	-	-	-
PERRY	-	-	-	-
PHILLIPS	-	-	*	*
PIKE	-	-	-	-
POINSETT	-	-	-	-
POLK	-	-	-	-
POPE	*	*	-	-
PRAIRIE	-	-	-	-
PULASKI	44	33.1%	44	29.3%
RANDOLPH	*	*	*	*
SALINE	-	-	*	*
SCOTT	-	-	-	-
SEARCY	-	-	-	-
SEBASTIAN	9	6.8%	7	4.7%
SEVIER	-	-	*	*
SHARP	-	-	-	-
ST FRANCIS	*	*	-	-
STONE	-	-	-	-
UNION	*	*	*	*
VAN BUREN	-	-	*	*
WASHINGTON	11	8.3%	6	4.0%
WHITE	*	*	*	*
WOODRUFF	-	-	-	-
YELL	-	-	-	-
State Total	133	100%	150	100%

- denotes cell equals 0

*Cell sizes less than 5 not reported.

Source: Arkansas PRISM Database

Retrieved September 11, 2017



ARKANSAS DEPARTMENT OF

Health

Keeping Your Hometown Healthy

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