

Arkansas Department of Health

Arkansas 2021 HIV Surveillance Report

Annual Descriptive Statistics, 2018-2021



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2. Introduction

Purpose

The primary purpose of the Arkansas 2021 HIV Surveillance Report is to provide statistics and trends on HIV in Arkansas. The annual publication is a reference document for policymakers, program managers, health planners, researchers, and anyone in the community who is concerned with the public health implications of this disease. The tables provided in this edition supersede earlier publications.

Methods

The data used for this profile were accessed in March 2023 from the electronic HIV/AIDS Registry System (eHARS). The eHARS database application is provided by the Centers for Disease Control and Prevention (CDC) and maintained by the Arkansas Department of Health (ADH) HIV Surveillance Program. The data are collected from medical laboratories, state and local health departments, and other community providers. The HIV case definition for this report utilizes the 2014 CDC Case Definitions. Per the CDC, a patient may be diagnosed concurrently with both HIV and AIDS within the same year, allowing them to be counted in both the Newly Diagnosed HIV tables, as well as the Newly Diagnosed AIDS tables.

Technical Notes

HIV is a reportable communicable disease. A diagnosis of HIV is reported to the ADH by providers, medical facilities, and laboratories.

Newly diagnosed HIV cases include all reported HIV-infected individuals by the year of first diagnosis, regardless of the stage of infection (HIV or AIDS).

Newly diagnosed AIDS cases include all individuals diagnosed with AIDS in a given year, even if they were diagnosed with HIV in a previous year or another state. Classification of AIDS (Stage 3) is defined by a CD4+ T-lymphocyte cell count of less than 200 or a CD4+ T-lymphocyte percentage of total lymphocytes of less than 14, if cell count test was not available, and happens during the year the defining test is received.

HIV prevalence cases include all people with HIV, regardless of the stage of infection, living in Arkansas in a given year.

The data in this report is subject to change and may not reflect past published reports.

Rates are based on annual case counts and population estimates. They are usually calculated per unit of the population (100,000). Rates take into account different population sizes among demographic groups or areas.

Population estimates source: United States Department of Health and Human Services (US DHHS), Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS), Bridged-Race Population Estimates, United States July 1st resident population by state, county, age, sex, bridged-race, and Hispanic origin. Compiled from 1990-1999 bridged-race intercensal population estimates (released by NCHS on 7/26/2004); revised bridged-race 2000-2009 intercensal population estimates (released by NCHS on 10/26/2012); and bridged-race Vintage 2020 (2010-2020) postcensal population estimates (released by NCHS on 9/22/2021). Available on CDC WONDER Online Database. Accessed at <http://wonder.cdc.gov/bridged-race-v2020.htm>

3. Statewide

3.1. Newly Diagnosed HIV* Cases and Rates by Select Characteristics, Statewide, Arkansas, 2018-2021

Stage at First Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Stage 0,1,2 (HIV)	239	7.9	226	7.5	199	6.6	279	9.2
Stage 3 (AIDS)	45	1.5	58	1.9	48	1.6	67	2.2
Total	284	9.4	284	9.4	247	8.2	346	11.4

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Female	56	3.7	64	4.2	47	3.0	66	4.3
Male	228	15.4	220	14.8	200	13.5	280	18.8

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
White, non-Hispanic	93	4.2	117	5.3	101	4.6	143	6.5
Black, non-Hispanic	153	31.7	134	27.7	115	23.7	150	30.9
Am Ind/AK Nat, non-Hispanic	0	0	0	0	0	0	***	***
Asian/HI/PI, non-Hispanic	***	***	***	***	***	***	***	***
Hispanic	25	10.8	20	8.5	23	9.5	31	12.7
Multi-Race, non-Hispanic	-	**	***	**	***	**	-	**

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	***	***	0	0	***	***
15-24	79	19.8	69	17.4	65	16.3	63	15.8
25-34	100	25.2	94	23.7	90	22.6	130	32.6
35-44	46	12.5	51	13.8	39	10.5	74	19.9
45-54	35	9.5	40	11.1	32	8.9	50	14.0
55-64	-	-	-	-	-	-	-	-
65+	***	***	***	***	***	***	***	***

Transmission Category	2018		2019		2020		2021	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Male Sex w/ Male (MSM)	187	65.8%	150	52.8%	165	66.8%	179	51.7%
Injection Drug Use (IDU)	11	3.9%	12	4.2%	***	***	***	***
MSM & IDU	***	***	***	***	***	***	***	***
Heterosexual	58	20.4%	58	20.4%	55	22.3%	61	17.6%
Transfusion/Hemophiliac	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Perinatal Exposure	***	***	0	0.0%	0	0.0%	0	0.0%
Other Confirmed Risk	***	***	0	0.0%	0	0.0%	0	0.0%
No Identified/Reported Risk	21	7.4%	55	19.4%	16	6.5%	94	27.1%

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

***To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

3.2. HIV* Prevalence and Rates by Select Characteristics, Statewide, Arkansas, 2018-2021

Current Stage of Infection	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Stage 0,1,2 (HIV)	3,204	106.5	3,352	111.1	3,505	115.7	3,698	122.0
Stage 3 (AIDS)	3,038	100.9	3,057	101.3	3,084	101.8	3,077	101.5
Total	6,242	207.4	6,409	212.4	6,589	217.4	6,775	223.6

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	4,859	328.7	4,979	336.1	5,124	344.6	5,265	354.1
Female	1,383	90.3	1,430	93.1	1,465	94.9	1,510	97.8

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	2,742	568.9	2,815	581.7	2,898	597.7	2,953	609.0
White, non-Hispanic	2,717	122.9	2,781	125.8	2,840	128.5	2,934	132.8
Hispanic	423	183.4	448	189.4	474	194.9	502	206.4
Multi-Race, non-Hispanic	325	**	327	**	338	**	338	**
Asian/HI/PI, non-Hispanic	25	39.9	28	43.5	29	43.4	35	52.4
Am Ind/AK Nat, non-Hispanic	***	***	***	***	***	***	10	38.3
Unknown	***	***	***	***	***	***	***	***

Current Age	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	17	3.6	15	3.1	11	2.1	13	2.6
15-24	286	71.1	283	70.3	266	66.2	248	62.0
25-34	1,171	294.5	1,196	302.4	1,273	320.8	1,310	330.2
35-44	1,222	319.0	1,261	334.0	1,278	340.7	1,329	357.8
45-54	1,696	430.0	1,642	427.3	1,594	427.7	1,572	431.6
55-64	1,363	303.0	1,452	336.9	1,560	375.4	1,612	404.5
65+	448	76.4	521	89.9	568	101.1	652	119.1
Unknown	39	0.8	39	0.8	39	0.8	39	0.8

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Central	2,737	326.2	2,797	332.3	2,872	339.3	2,887	341.1
Northwest	1,273	120.7	1,324	124.3	1,353	125.4	1,408	130.5
Northeast	905	163.5	921	166.3	934	168.5	983	177.3
Southeast	738	300.5	770	318.4	763	321.0	767	322.7
Southwest	563	177.6	567	179.7	606	193.6	635	202.9
Unknown	26	**	30	**	61	**	95	**

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

***To protect patient confidentiality, statistics are suppressed for case counts <10.

4. Central Region

4.1. Newly Diagnosed HIV* Cases and Rates by Select Characteristics, Central Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Central	141	16.8	133	15.8	108	12.8	133	15.7

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	120	29.6	104	25.6	90	22.1	105	25.7
Female	21	4.8	29	6.7	18	4.1	28	6.4

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	85	44.8	79	41.2	56	28.7	71	36.4
White, non-Hispanic	38	6.5	40	6.8	39	6.7	47	8.0
Hispanic	-	-	***	***	-	-	***	***
Multi-Race, non-Hispanic	***	***	***	***	***	**	***	***
Asian/HI/PI, non-Hispanic	0	0.0%	***	***	0	0.0%	***	***
Am Ind/AK Nat, non-Hispanic	0	0.0%	0	0.0%	0	0.0%	0	0.0%

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	***	***	0	0	0	0
15-24	42	38.5	34	31.3	29	26.7	21	19.3
25-34	54	46.5	50	43.1	43	37.0	53	45.6
35-44	23	21.6	21	19.6	16	14.8	29	26.9
45-54	15	14.6	14	13.8	13	12.9	19	18.9
55-64	***	***	***	***	***	***	***	6.5
65+	0	0	***	***	***	***	***	***

Transmission Category	2018		2019		2020		2021	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Male Sex w/ Male (MSM)	103	73.0%	75	56.4%	74	68.5%	69	51.9%
Heterosexual	21	14.9%	23	17.3%	22	20.4%	27	20.3%
No Identified/Reported Risk	***	***	30	22.6%	***	***	34	25.6%
Injection Drug Use (IDU)	***	***	***	***	***	***	***	***
MSM & IDU	***	***	***	***	***	***	***	***
Other Confirmed Risk	***	***	***	***	***	***	***	***
Transfusion/Hemophiliac	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Perinatal Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

4.2. HIV* Prevalence and Rates by Select Characteristics, Central Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Central	2,737	326.2	2,797	332.3	2,872	339.3	2,887	341.1

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	2,212	545.4	2,249	553.7	2,314	567.3	2,324	569.8
Female	525	121.1	548	125.8	558	127.3	563	128.4

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	1,341	707.0	1,375	717.6	1,428	732.9	1,449	743.6
White, non-Hispanic	1,056	180.6	1,071	183.2	1,079	184.7	1,082	185.2
Hispanic	164	361.5	172	372.4	184	386.4	178	373.8
Multi-Race, non-Hispanic	162	**	165	**	166	**	160	**
Asian/HI/PI, non-Hispanic	***	***	***	***	10	64.2	13	83.4
Am Ind/AK Nat, non-Hispanic	***	***	***	***	***	***	***	***
Unknown	***	***	***	***	***	***	***	***

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	***	***	***	***	***	***
15-24	142	121.6	136	117.7	123	109.0	102	91.7
25-34	592	507.9	605	524.9	650	561.0	648	562.1
35-44	530	483.8	545	503.4	557	515.1	569	531.2
45-54	687	623.4	662	618.2	640	615.7	631	616.0
55-64	564	453.6	601	502.1	639	552.0	647	581.7
65+	189	115.6	214	136.0	231	150.9	258	173.5
Unknown	-	-	-	-	-	-	-	-

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

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- Secondary suppression of cases has been done to minimize the risk of recalculation.

5. Northeast Region

5.1. Newly Diagnosed HIV* Cases and Rates by Select Characteristics, Northeast Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Northeast	52	9.4	51	9.2	31	5.6	55	9.9

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	39	14.4	34	12.6	-	-	-	-
Female	13	4.6	17	6.0	***	***	***	***

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
White, non-Hispanic	19	4.2	32	7.2	12	2.7	23	5.2
Black, non-Hispanic	25	32.3	13	16.6	19	24.1	27	34.2
Hispanic	***	***	***	***	0	0	***	***
Multi-Race, non-Hispanic	***	***	***	***	***	**	***	**
Asian/HI/PI, non-Hispanic	0	0	***	***	0	0	0	0
Am Ind/AK Nat, non-Hispanic	0	0	0	0	***	0	0	0

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	0	0	0	0	0	0
15-24	15	20.9	10	14.0	***	***	15	20.9
25-34	19	26.9	16	22.6	***	***	18	25.3
35-44	***	***	13	19.9	***	***	13	19.8
45-54	***	***	***	***	***	***	***	***
55-64	***	***	***	***	***	***	***	***
65+	***	***	***	***	0	0	0	0

Transmission Category	2018		2019		2020		2021	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Male Sex w/ Male (MSM)	31	59.6%	26	51.0%	17	54.8%	28	50.9%
Heterosexual	15	28.8%	15	29.4%	***	***	10	18.2%
No Identified/Reported Risk	***	***	***	***	***	***	***	***
Injection Drug Use (IDU)	***	***	***	***	***	***	***	***
MSM & IDU	***	***	***	***	***	***	***	***
Transfusion/Hemophiliac	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Perinatal Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other Confirmed Risk	0	0.0%	0	0.0%	0	0.0%	0	0.0%

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

5.2. HIV* Prevalence and Rates by Select Characteristics, Northeast Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Northeast	905	163.5	921	166.3	934	168.5	983	177.3

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	632	233.9	647	239.4	652	241.1	688	254.4
Female	273	96.4	274	96.7	282	99.3	295	103.9

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	418	539.5	412	527.2	428	542.1	443	561.1
White, non-Hispanic	403	89.9	421	94.2	424	95.1	450	100.9
Hispanic	42	206.3	45	215.3	44-	202.1	48	220.5
Multi-Race, non-Hispanic	***	**	***	**	***	**	***	**
Asian/HI/PI, non-Hispanic	0	0	***	***	***	***	***	***
Am Ind/AK Nat, non-Hispanic	0	0	0	0	0	0	0	0

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	0	0	0	0	***	***
15-24	47	65.0	51	72.0	36	50.4	41	57.2
25-34	179	253.6	175	250.7	190	271.7	191	270.5
35-44	185	264.4	197	291.8	200	300.4	215	327.8
45-54	252	334.3	241	334.9	233	340.1	238	356.2
55-64	191	230.1	198	246.7	209	273.5	219	297.8
65+	48	45.0	-	-	-	-	75	74.4
Unknown	***	***	***	***	***	***	***	***

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

6. Northwest Region

6.1. Newly Diagnosed HIV* Cases and Rates by Select Characteristics, Northwest Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Northwest	43	4.1	50	4.7	41	3.8	89	8.2

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	31	5.9	-	-	-	-	72	13.6
Female	12	2.3	***	***	***	***	17	3.1

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
White, non-Hispanic	19	2.3	29	3.5	28	3.3	50	5.9
Hispanic	***	***	***	***	***	***	20	14.0
Black, non-Hispanic	12	36.2	10	29.4	***	***	13	37.3
Asian/HI/PI, non-Hispanic	***	***	***	***	***	***	***	***
Multi-Race, non-Hispanic	***	***	***	***	***	***	***	***
Am Ind/AK Nat, non-Hispanic	***	***	***	***	***	***	***	***

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	***	***	***	***	***	***
15-24	10	6.9	13	9.0	***	***	15	10.2
25-34	11	7.8	10	7.0	14	9.6	32	22.0
35-44	***	***	13	9.7	***	***	20	14.7
45-54	***	***	10	7.9	***	***	14	11.1
55-64	***	***	***	***	***	***	***	***
65+	***	***	***	***	***	***	***	***

Transmission Category	2018		2019		2020		2021	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Male Sex w/ Male (MSM)	28	65.1%	26	52.0%	31	75.6%	51	56.7%
Heterosexual	10	23.3%	12	24.0%	***	***	14	15.6%
No Identified/Reported Risk	***	***	***	***	***	***	21	23.3%
Injection Drug Use (IDU)	***	***	***	***	0	0	***	***
MSM & IDU	***	***	***	***	***	***	***	***
Transfusion/Hemophiliac	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Perinatal Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other Confirmed Risk	0	0.0%	0	0.0%	0	0.0%	0	0.0%

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

6.2. HIV* Prevalence and Rates by Select Characteristics, Northwest Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Northwest	1,273	120.7	1,324	124.3	1,353	125.4	1,408	130.5

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	1,019	194.8	1,056	199.9	1,082	202.0	1,120	209.1
Female	254	47.8	268	49.9	271	49.9	288	53.0

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
White, non-Hispanic	905	108.6	930	111.0	949	112.5	975	115.6
Hispanic	158	116.9	170	122.8	183	128.4	203	142.4
Black, non-Hispanic	150	452.3	159	467.5	152	435.7	158	452.9
Multi-Race, non-Hispanic	-	**	-	**	-	**	-	**
Asian/HI/PI, non-Hispanic	13	34.4	15	38.3	15	35.7	17	40.4
Am Ind/AK Nat, non-Hispanic	***	***	***	***	***	***	***	***

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	***	***	***	***	***	***
15-24	37	26.0	42	27.9	40	26.1	44	30.1
25-34	151	107.3	156	109.4	160	111.6	188	129.6
35-44	253	190.0	265	197.0	268	199.1	275	202.7
45-54	380	285.2	369	277.5	354	268.1	322	251.6
55-64	329	223.6	351	247.1	376	268.1	392	291.5
65+	111	58.0	130	66.5	146	76.7	178	95.4
Unknown	***	***	***	***	***	***	***	***

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

7. Southeast Region

7.1. Newly Diagnosed HIV* Cases and Rates by Select Characteristics, Southeast Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Southeast	23	9.4	29	12.0	27	11.4	25	10.5

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	-	-	-	-	-	-	-	-
Female	***	***	***	***	***	***	***	***

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	17	16.0	23	22.0	21	20.4	15	14.6
White, non-Hispanic	***	***	***	***	***	***	***	***
Multi-Race, non-Hispanic	-	**	-	**	-	**	-	**
Hispanic	0	0	0	0	0	0	0	0
Am Ind/AK Nat, non-Hispanic	0	0	0	0	0	0	0	0
Asian/HI/PI, non-Hispanic	0	0	0	0	0	0	0	0

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	0	0	0	0	0	0
15-24	***	***	***	***	10	33.8	***	***
25-34	***	***	10	32.8	11	36.9	13	43.6
35-44	***	***	0	0	***	***	***	***
45-54	***	***	***	***	***	***	***	***
55-64	0	0	***	***	***	***	***	***
65+	***	***	0	0	***	***	0	0

Transmission Category	2018		2019		2020		2021	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Male Sex w/ Male (MSM)	16	69.6%	15	51.7%	20	74.1%	14	56.0%
No Identified/Reported Risk	***	***	***	***	***	***	***	***
Heterosexual	***	***	***	***	***	***	***	***
Injection Drug Use (IDU)	***	***	***	***	0	0.0%	***	***
MSM & IDU	0	0.0%	***	***	0	0.0%	0	0.0%
Perinatal Exposure	***	***	0	0.0%	0	0.0%	0	0.0%
Transfusion/Hemophiliac	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other Confirmed Risk	0	0.0%	0	0.0%	0	0.0%	0	0.0%

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

7.2. HIV* Prevalence and Rates by Select Characteristics, Southeast Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Southeast	738	300.5	770	318.4	763	321.0	767	322.7

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	567	458.2	595	488.2	587	491.1	595	497.8
Female	171	140.3	175	145.9	176	148.9	172	145.6

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	520	489.7	551	526.9	550	534.5	539	523.8
White, non-Hispanic	148	116.5	149	119.4	144	118.1	156	127.9
Multi-Race, non-Hispanic	38	**	36	**	37	**	36	**
Hispanic	28	282.3	30	302.2	28	273.0	31	302.3
Asian/HI/PI, non-Hispanic	***	***	***	***	***	***	***	***
Am Ind/AK Nat, non-Hispanic	***	***	***	***	***	***	***	***

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	***	***	***	***	0	0
15-24	40	125.5	32	105.0	41	137.9	35	117.9
25-34	131	420.7	134	443.7	135	457.6	137	464.7
35-44	153	494.8	156	525.1	140	495.0	150	538.9
45-54	224	679.7	223	703.6	216	720.8	207	715.0
55-64	138	342.2	163	426.5	168	483.2	170	503.8
65+	49	92.3	60	114.7	61	122.7	-	-
Unknown	***	***	***	***	***	***	***	***

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

8. Southwest Region

8.1. Newly Diagnosed HIV* Cases and Rates by Select Characteristics, Southwest Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Southwest	25	7.9	21	6.7	40	12.8	44	14.1

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	-	-	-	-	29	18.9	-	-
Female	***	***	***	***	11	6.9	***	***

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	14	18.9	***	***	16	21.8	24	32.8
White, non-Hispanic	11	5.1	10	4.6	17	7.9	16	7.5
Hispanic	***	***	***	***	***	***	***	***
Multi-Race, non-Hispanic	0	0	***	**	***	**	***	**
Am Ind/AK Nat, non-Hispanic	0	0	0	0	0	0	0	0
Asian/HI/PI, non-Hispanic	***	0	0	0	0	0	0	0

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	0	0	0	0	0	0	0	0
15-24	***	***	***	***	13	31.2	***	***
25-34	***	***	***	***	13	35.6	14	38.4
35-44	***	***	***	***	***	***	***	***
45-54	***	***	***	***	***	***	***	***
55-64	***	***	***	***	***	***	***	***
65+	***	***	***	***	***	***	***	***

Transmission Category	2018		2019		2020		2021	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
Male Sex w/ Male (MSM)	***	***	***	***	23	57.5%	17	38.6%
Heterosexual	***	***	***	***	14	35.0%	***	***
No Identified/Reported Risk	***	***	***	***	***	***	17	38.6%
Injection Drug Use (IDU)	***	***	***	***	***	***	***	***
MSM & IDU	***	***	***	***	***	***	***	***
Transfusion/Hemophiliac	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Perinatal Exposure	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other Confirmed Risk	0	0.0%	0	0.0%	0	0.0%	0	0.0%

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

- Secondary suppression of cases has been done to minimize the risk of recalculation.

8.2. HIV Prevalence and Rates by Select Characteristics, Southwest Region, Arkansas, 2018-2021

Public Health Region	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Southwest	563	177.6	567	179.7	606	193.6	635	202.9

Sex at Birth	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Male	406	260.9	410	264.6	438	285.4	465	303.0
Female	157	97.3	157	97.7	168	105.3	170	106.6

Race/Ethnicity	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
Black, non-Hispanic	302	407.3	301	408.5	315	429.9	325	443.5
White, non-Hispanic	195	89.7	202	93.5	216	101.0	235	109.9
Multi-Race, non-Hispanic	35	**	33	**	42	**	40	**
Hispanic	31	148.9	31	146.8	33	157.3	34	162.0
Asian/HI/PI, non-Hispanic	0	0	0	0	0	0	***	***
Am Ind/AK Nat, non-Hispanic	0	0	0	0	0	0	0	0

Age at Diagnosis	2018		2019		2020		2021	
	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000	Cases	Rate per 100,000
<15	***	***	***	***	***	***	***	***
15-24	20	52.8	19	48.7	26	65.2	23	54.2
25-34	115	309.9	122	326.7	126	345.5	130	355.3
35-44	97	255.3	94	256.7	104	287.8	108	306.8
45-54	147	349.3	141	349.9	137	358.0	144	382.0
55-64	130	239.3	129	260.5	149	312.5	160	359.4
65+	49	75.2	57	85.3	59	92.2	65	101.9
Unknown	***	***	***	***	***	***	***	***

* HIV includes all HIV-infected individuals regardless of the stage of infection.

** No comparable population data available to calculate rate.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

9. County

9.1. HIV* Diagnoses by County, Arkansas 2021

COUNTY	Total
ARKANSAS CO.	***
ASHLEY CO.	***
BAXTER CO.	***
BENTON CO.	26
BOONE CO.	0
BRADLEY CO.	***
CALHOUN CO.	0
CARROLL CO.	***
CHICOT CO.	***
CLARK CO.	***
CLAY CO.	***
CLEBURNE CO.	0
CLEVELAND CO.	0
COLUMBIA CO.	***
CONWAY CO.	0
CRAIGHEAD CO.	21
CRAWFORD CO.	***
CRITTENDEN CO.	***
CROSS CO.	***
DALLAS CO.	***
DESHA CO.	***
DREW CO.	***
FAULKNER CO.	17
FRANKLIN CO.	0
FULTON CO.	0
GARLAND CO.	***
GRANT CO.	***
GREENE CO.	***
HEMPSTEAD CO.	***
HOT SPRING CO.	16
HOWARD CO.	0
INDEPENDENCE CO.	***
IZARD CO.	***
JACKSON CO.	***
JEFFERSON CO.	10

* HIV includes all HIV-infected individuals regardless of the stage of infection.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

HIV* Diagnoses by County, Arkansas 2021

COUNTY	Total
JOHNSON CO.	***
LAFAYETTE CO.	0
LAWRENCE CO.	0
LEE CO.	0
LINCOLN CO.	0
LITTLE RIVER CO.	***
LOGAN CO.	0
LONOKE CO.	***
MADISON CO.	0
MARION CO.	***
MILLER CO.	10
MISSISSIPPI CO.	***
MONROE CO.	0
MONTGOMERY CO.	0
NEVADA CO.	0
NEWTON CO.	0
OUACHITA CO.	***
PERRY CO.	0
PHILLIPS CO.	***
PIKE CO.	***
POINSETT CO.	***
POLK CO.	***
POPE CO.	***
PRAIRIE CO.	0
PULASKI CO.	97
RANDOLPH CO.	***
SALINE CO.	***
SCOTT CO.	***
SEARCY CO.	0
SEBASTIAN CO.	15
SEVIER CO.	0
SHARP CO.	***
ST. FRANCIS CO.	***
STONE CO.	0
UNION CO.	***

* HIV includes all HIV-infected individuals regardless of the stage of infection.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

HIV* Diagnoses by County, Arkansas 2021

COUNTY	Total
VAN BUREN CO.	***
WASHINGTON CO.	25
WHITE CO.	***
WOODRUFF CO.	***
YELL CO.	***

* HIV includes all HIV-infected individuals regardless of the stage of infection.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

9.2. HIV* Prevalence by County, Arkansas 2021

COUNTY	Total
ARKANSAS CO.	40
ASHLEY CO.	25
BAXTER CO.	48
BENTON CO.	335
BOONE CO.	28
BRADLEY CO.	***
CALHOUN CO.	***
CARROLL CO.	66
CHICOT CO.	34
CLARK CO.	28
CLAY CO.	16
CLEBURNE CO.	24
CLEVELAND CO.	***
COLUMBIA CO.	41
CONWAY CO.	30
CRAIGHEAD CO.	206
CRAWFORD CO.	56
CRITTENDEN CO.	245
CROSS CO.	37
DALLAS CO.	***
DESHA CO.	24
DREW CO.	25
FAULKNER CO.	209
FRANKLIN CO.	***
FULTON CO.	12
GARLAND CO.	245
GRANT CO.	22
GREENE CO.	43
HEMPSTEAD CO.	37
HOT SPRING CO.	80
HOWARD CO.	21
INDEPENDENCE CO.	60
IZARD CO.	19
JACKSON CO.	38
JEFFERSON CO.	316

* HIV includes all HIV-infected individuals regardless of the stage of infection.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

HIV* Prevalence by County, Arkansas 2021

COUNTY	Total
JOHNSON CO.	14
LAFAYETTE CO.	***
LAWRENCE CO.	12
LEE CO.	48
LINCOLN CO.	40
LITTLE RIVER CO.	23
LOGAN CO.	14
LONOKE CO.	69
MADISON CO.	21
MARION CO.	19
MILLER CO.	160
MISSISSIPPI CO.	101
MONROE CO.	21
MONTGOMERY CO.	***
NEVADA CO.	13
NEWTON CO.	***
OUACHITA CO.	57
PERRY CO.	10
PHILLIPS CO.	47
PIKE CO.	***
POINSETT CO.	20
POLK CO.	17
POPE CO.	62
PRAIRIE CO.	12
PULASKI CO.	2191
RANDOLPH CO.	15
SALINE CO.	141
SCOTT CO.	***
SEARCY CO.	***
SEBASTIAN CO.	250
SEVIER CO.	18
SHARP CO.	14
ST. FRANCIS CO.	115
STONE CO.	12
UNION CO.	111

* HIV includes all HIV-infected individuals regardless of the stage of infection.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

HIV* Prevalence by County, Arkansas 2021

COUNTY	Total
VAN BUREN CO.	***
WASHINGTON CO.	404
WHITE CO.	97
WOODRUFF CO.	12
YELL CO.	29
Unknown	95

* HIV includes all HIV-infected individuals regardless of the stage of infection.

*** To protect patient confidentiality, statistics are suppressed for case counts <10.

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