HIV CASES AMONG PERSONS RESIDING IN ALABAMA AT DIAGNOSIS BY PUBLIC HEALTH DISTRICT AND COUNTY

CHARACTERISTIC	*PRELIMINARY* 2019 - 4th Quarter (January 1 - December 31)					
	Newly Diagnosed		Prevalent Cases		Cumulative Cases	
Race/Ethnicity	Cases	% of Total	Cases	% of Total	Cases	% of Total
Black	395	73.8	9227	63.7	14178	63.9
White	121	22.6	3970	27.4	6520	29.4
Hispanic	8	1.5	463	3.2	495	2.2
Multi-race	7	1.3	702	4.8	866	3.9
Other/Unknown	4	0.7	123	0.8	130	0.6
Total	535	100.0	14485	100.0	22189	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total
Male	420	78.5	10576	73.0	16737	75.4
Female	115	21.5	3909	27.0	5452	24.6
Total (unknowns excluded)	535	100.0	14485	100.0	22189	100.0
Age (Years)	Cases	% of Total	Cases	% of Total	Cases	% of Total
<13	0	0.0	36	0.2	160	0.4
13-19	20	3.7	115	0.8	1105	2.9
20-24	119	22.2	687	4.7	3811	10.0
25-29	99	18.5	1436	9.9	4153	10.9
30-39	136	25.4	2997	20.7	6765	17.7
40-49	81	15.1	3144	21.7	19875	52.1
≥50	80	15.0	6070	41.9	2314	6.1
Total	535	100.0	14485	100.0	38183	100.0
Adult/Adolescent Exposure (≥13 years)	Cases	% of Total	Cases	% of Total	Cases	% of Total
Men who have Sex with Men (MSM)	212	39.6	6665	46.1	9911	44.5
Heterosexuals	122	22.8	4337	30.0	6052	27.2
Injection Drug Users (IDU)	12	2.2	752	5.2	1902	8.5
MSM/IDU	8	1.5	466	3.2	1161	5.2
Hemophilia/Coagulation Disorder	0	0.0	14	0.1	77	0.3
Mother with HIV Infection	1	0.2	86	0.6	144	0.6
Transfusion/Transplant Recipient	0	0.0	4	0.0	32	0.1
Risk Not Reported/Unknown	180	33.6	2133	14.8	3002	13.5
Total (add pediatric cases to total)	535	100	14457	100	22281	100.0
Pediatric Exposure (<13 years)	Cases	% of Total	Cases	% of Total	Cases	% of Total
Mother with HIV Infection	2	100	21	75.0	21	50.0
Hemophilia/Coagulation Disorder	0	0	0	0.0	7	16.7
Transfusion/Transplant Recipient	0	0	0	0.0	1	2.4
Risk Not Reported/Unknown	0	0	7	25.0	13	31.0
Total	2	100	28	100.0	42	100

Data Prepared 12/30/2019

HIV CASES AMONG PERSONS RESIDING IN ALABAMA AT DIAGNOSIS BY PUBLIC HEALTH DISTRICT AND COUNTY

| Public Health District | PRELIMINARY 2019 - 4th Quarter (January 1 - December 31) | | | | | |
| | Newly Diagnosed | | Prevalent Cases | | Cumulative Cases | |
	Cases	% of Total	Cases	% of Total	Cases	% of Total
Northern	44	8.2	1644	11.4	2159	9.9
East Central	142	26.5	2815	19.5	4640	21.2
West Central	47	8.8	991	6.9	1333	6.1
Jefferson	113	21.1	3889	27.0	6021	27.5
Northeastern	28	5.2	1323	9.2	1563	7.1
Southeastern	42	7.9	993	6.9	1451	6.6
Southwestern	25	4.7	768	5.3	1235	5.6
Mobile	94	17.6	1976	13.7	3514	16.0
Total (does not include unknown)	535	100.0	14399	100.0	21916	100

***Note: <u>Statistics should be interpreted WITH CAUTION as not all reported cases have been entered into the HIV Surveillance database.</u>

Effective October 1, 2017 , Public Health Areas have been redistributed as eight Public Health Districts. Unknown cases are only accounted for in state total.

Newly diagnosed HIV includes newly diagnosed HIV infections during the year of interest.

Prevalent HIV includes all persons living with HIV as of September 30, 2019. Cumulative HIV includes all diagnosed HIV (living and deceased) as of September 30, 2019.

Totals include unknown case counts. Females with no risk factor reported are reclassified as heterosexual exposure.

Age among newly diagnosed and cumulative cases is age at diagnosis. Prevalent age is current age among cases living as of September 30, 2019.

Public Health District represents residence at diagnosis among newly diagnosed and cumulative cases and current residence among prevalent cases.

HIV CASES AMONG PERSONS RESIDING IN ALABAMA AT DIAGNOSIS BY PUBLIC HEALTH DISTRICT AND COUNTY

PUBLIC HEALTH DISTRICT	*Preliminary* 2019 - 4th Quarter (January 1 - December 31)						
	Newly Diagnosed			Prevalent		Cumulative	
NORTHERN	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Colbert		2.3		56	3.4	93	4.3
Cullman		0.0		68	4.1	109	5.0
Franklin		0.0		20	1.2	23	1.1
Jackson		4.5		38	2.3	49	2.3
Lauderdale		6.8		94	5.7	131	6.1
Lawrence		2.3		28	1.7	45	2.1
Limestone		6.8		124	7.5	173	8.0
Madison	26	59.1	7.2	873	53.1	1125	52.1
Marion		4.5		36	2.2	37	1.7
Marshall		9.1		137	8.3	142	6.6
Morgan		4.5		157	9.5	218	10.1
Winston		0.0		13	0.8	14	0.6
Total (unknowns excluded)	44	100.0	4.1	1644	100.0	2159	100.0

EAST CENTRAL	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Autauga	7	4.9	12.6	110	3.9	183	3.9
Bullock		2.8		55	2.0	85	1.8
Chambers	15	10.6	44.5	129	4.6	212	4.6
Coosa	5	3.5	46.5	20	0.7	31	0.7
Elmore	6	4.2	7.3	191	6.8	245	5.3
Lee	17	12.0	10.5	325	11.5	441	9.5
Lowndes		1.4		53	1.9	93	2.0
Macon	6	4.2	32.0	101	3.6	177	3.8
Montgomery	72	50.7	31.8	1551	55.1	2786	60.0
Russell	6	4.2		205	7.3	292	6.3
Tallapoosa		1.4		75	2.7	95	2.0
Total	142	100.0	20.1	2815	100.0	4640	100.0

WEST CENTRAL	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Bibb		2.1		44	4.4	47	3.4
Chilton		0.0		56	5.7	65	4.7
Fayette		0.0		15	1.5	26	1.9
Greene		0.0		33	3.3	53	3.8
Hale		6.4		61	6.2	76	5.4
Lamar		0.0		16	1.6	19	1.4
Perry		0.0		31	3.1	39	2.8
Pickens		4.3		58	5.9	61	4.4
Sumter		8.5		43	4.3	66	4.7
Tuscaloosa	34	72.3	16.4	550	55.5	813	58.2
Walker		6.4		84	8.5	132	9.4
Total	47	100.0	10.8	991	100.0	1397	100.0

Data Prepared 12/30/2019

HIV CASES AMONG PERSONS RESIDING IN ALABAMA AT DIAGNOSIS BY PUBLIC HEALTH DISTRICT AND COUNTY

PUBLIC HEALTH DISTRICT	Preliminary 2019 - 4th Quarter (January 1 - December 31)						
	Newly Diagnosed			Prevalent		Cumulative	
JEFFERSON	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Jefferson	113	100.0	17.1	3889	100.0	6021	100
Total	113	100.0	17.1	3889	100.0	6021	100

NORTHEASTERN	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Blount		10.7		38	2.9	93	6.0
Calhoun	8	28.6	7.0	275	20.8	358	22.9
Cherokee		0.0		27	2.0	54	3.5
Clay		3.6		22	1.7	39	2.5
DeKalb		14.3		61	4.6	82	5.2
Cleburne		0.0		15	1.1	20	1.3
Etowah		7.1		205	15.5	251	16.1
Randolph		0.0		16	1.2	37	2.4
Shelby	6	21.4	2.8	341	25.8	248	15.9
St. Clair		7.1		123	9.3	127	8.1
Talladega		7.1		200	15.1	254	16.3
Total	28	100.0	3.5	1323	100.0	1563	100.0

SOUTHEASTERN	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Barbour		9.5		114	11.5	158	10.9
Butler		4.8		64	6.4	86	5.9
Coffee	7	16.7	13.5	82	8.3	136	9.4
Crenshaw		0.0		21	2.1	39	2.7
Dale	14	33.3	28.4	141	14.2	257	17.7
Geneva		2.4		36	3.6	53	3.7
Henry		2.4		41	4.1	60	4.1
Houston	11	26.2	10.5	374	37.7	501	34.5
Pike		4.8		120	12.1	161	11.1
Total	42	100.0	11.1	993	100.0	1451	100.0

SOUTHWESTERN	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Baldwin	14	56.0	6.6	336	43.8	523	42.3
Choctaw		4.0		26	3.4	41	3.3
Clarke		4.0		40	5.2	53	4.3
Conecuh		8.0		30	3.9	77	6.2
Dallas		12.0		155	20.2	269	21.8
Escambia		4.0		77	10.0	95	7.7
Marengo		4.0		26	3.4	48	3.9
Monroe		0.0		34	4.4	61	4.9
Washington		4.0		15	2.0	30	2.4
Wilcox		4.0		29	3.8	38	3.1
Total (unknowns excluded)	25	100.0	6.1	768	100.0	1235	100.0

Data Prepared 12/30/2019

PUBLIC HEALTH DISTRICT	Preliminary 2019 - 4th Quarter (January 1 - December 31)						
	Newly Diagnosed			Prevalent		Cumulative	
MOBILE	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Mobile	94	100.0	22.7	1976	100.0	3514	100
Total	94	100.0	22.7	1976	100.0	3514	100
STATE TOTAL	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Alabama	535	100.0	11.0	15041	100.0	22189	100
Total (unknowns included here)	535	100.0	11.0	15041	100.0	22189	100

***Note: <u>Statistics should be interpreted WITH CAUTION as not all reported cases have been entered into the HIV Surveillance database.</u>

Effective October 1, 2017 , Public Health Areas have been redistributed as eight Public Health Districts. Unknown cases only accounted for in state total.

To ensure statistically significant data, reported numbers less than 12, as well as estimated numbers (and accompanying rates and trends) based on these numbers, should be interpreted with caution because these numbers have underlying relative standard errors greater than 30% and are considered unreliable.

Newly diagnosed HIV includes newly diagnosed HIV infections during the year of interest.

Prevalent HIV includes all persons living with HIV as of September 30, 2019. Cumulative HIV includes all diagnosed HIV (living and deceased) as of September 30, 2019.

Females with no risk factor reported are reclassified as hetersexual exposure.

Age among newly diagnosed and cumulative cases is age at diagnosis. Prevalent age is current age among cases living as of September 30, 2019.

Public Health District represents residence at diagnosis among newly diagnosed and cumulative cases and current residence among prevalent cases.

Current residence was updated April 2015 and reflects cases that migrated to other states/jurisdictions. This accounts for recent decreases in prevalent cases.