

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

CHARACTERISTIC	Finalized 2015		Preliminary 2016		Preliminary 2017 2nd Quarter (January 1 - June 30)					
	Newly Diagnosed		Newly Diagnosed		Newly Diagnosed		Prevalent Cases		Cumulative Cases	
Race/Ethnicity	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Black	446	65.1	369	68.3	126	68.9	8998	64.3	13255	64.3
White	185	27.0	136	25.2	50	27.3	3952	28.1	6249	30.3
Hispanic	26	3.8	15	2.8	3	1.6	368	2.6	392	1.9
Multi-race	22	3.2	16	3.0	3	1.6	512	3.6	597	2.9
Other/Unknown	6	0.9	4	0.7	1	0.5	199	1.4	131	0.6
Total	685	100.0	540.0	100.0	183	100.0	14029	100.0	20624	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Female	144	21.0	130	24.1	48	26.2	3800	72.8	5127	24.9
Male	541	79.0	410	75.9	135	73.8	10226	27.2	15497	75.1
Total (does not include "unknown")	685	100.0	540.0	100.0	183	100.0	14026	100.0	20624	100.0
Age (Years)	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
<13	0	0.0	0	0.0	1	0.5	38	0.3	157	0.8
13-19	30	4.4	27	5.0	9	4.9	70	0.7	998	4.8
20-24	169	24.7	106	19.6	43	23.5	631	5.0	3419	16.6
25-29	132	19.3	113	20.9	29	15.8	1355	9.8	3845	18.6
30-39	138	20.1	119	22.0	51	27.9	2778	19.8	6464	31.3
40-49	97	14.2	88	16.3	22	12.0	3300	24.4	3668	17.8
≥50	119	17.4	87	16.1	28	15.3	5857	40.0	2073	10.1
Total	685	100.0	540	100.0	183	100.0	14029	100.0	20624	100.0
Adult/Adolescent Exposure (≥13 years)	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Men who have Sex with Men (MSM)	315	46.0	265	49.1	73	40.1	6114	43.7	8977	43.5
Heterosexuals	180	26.3	149	27.6	55	30.2	4207	30.1	5715	27.7
Injection Drug Users (IDU)	10	1.5	14	2.6	3	1.6	783	5.7	1855	9.0
MSM/IDU	8	1.2	5	0.9	1	0.5	451	3.3	1018	4.9
Hemophilia/Coagulation Disorder	0	0.0	0	0.0	0	0.0	18	0.1	79	0.4
Mother with HIV Infection	0	0.0	0	0.0	0	0.0	78	0.5	0	0.0
Transfusion/Transplant Recipient	0	0.0	0	0.0	0	0.0	6	0.1	31	0.2
Risk Not Reported/Unknown	172	25.1	107	19.8	50	27.5	2331	16.5	2792	13.5

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Total	685	100.0	540	100.0	182	100.0	13988	100.0	20467	99.2
CHARACTERISTIC	Finalized 2014		Preliminary 2016		Preliminary 2017 2nd Quarter (January 1 - June 30)					
	Newly Diagnosed		Newly Diagnosed		Newly Diagnosed		Prevalent Cases		Cumulative Cases	
Pediatric Exposure (<13 years)	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Mother with HIV Infection	0	0.0	0	0.0	1	100.0	28	73.7	132	0.6
Hemophilia/Coagulation Disorder	0	0.0	0	0.0	0	0.0	0	0.0	8	0.0
Transfusion/Transplant Recipient	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Risk Not Reported/Unknown	0	0.0	0	0.0	0	0.0	10	26.3	16	0.0
Total	0	0.0	0	0.0	1	100.0	38	100.0	157	0.6
Public Health Area (PHA)	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
PHA 1	13	1.9	10	1.9	3	1.6	270	1.9	386	1.9
PHA 2	90	13.2	27	5.0	16	8.7	1330	9.5	1685	8.2
PHA 3	49	7.2	29	5.4	2	1.1	630	4.5	872	4.2
PHA 4	140	20.5	96	17.8	7	3.8	3750	26.8	5627	27.3
PHA 5	39	5.7	17	3.1	5	2.7	734	5.2	780	3.8
PHA 6	31	4.5	31	5.7	14	7.7	749	5.3	968	4.7
PHA 7	17	2.5	13	2.4	7	3.8	419	3.0	634	3.1
PHA 8	156	22.8	150	27.8	62	33.9	2580	18.4	3996	19.4
PHA 9	29	4.2	25	4.6	13	7.1	670	4.8	976	4.7
PHA 10	41	6.0	49	9.1	18	9.8	901	6.4	1295	6.3
PHA 11	79	11.5	93	17.2	36	19.7	1970	14.1	3329	16.1
Total (# not reflective of any unknown cases)	684	100.0	540	100.0	183	100.0	14003	100.0	20548	100.0

Note: 2017 statistics should be interpreted with extreme caution as not all reported cases have been entered into the HIV Surveillance database.

2017 data remains incomplete due to delayed reporting; data will be finalized December 31, 2018.

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

Prevalent HIV includes all persons living with HIV as of March 31, 2017. Cumulative HIV includes all diagnosed HIV (living and deceased) as of June 30, 2017.

Totals do not 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 June 30, 2017.

PHA represents residence at diagnosis among newly diagnosed and cumulative cases. PHA represents current residence among prevalent cases.

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

PUBLIC HEALTH AREA (PHA)	Finalized 2015			Preliminary 2016			Preliminary 2017 1st Quarter (January 1 - June 30)						
	Newly Diagnosed			Newly Diagnosed			Newly Diagnosed			Prevalent Cases		Cumulative Cases	
	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Colbert	3	23.1		2	20.0		2	66.67		52	19.26	84	21.76
Franklin	0	0.0		0	0.0		1	33.33		19	7.04	21	5.44
Lauderdale	5	0.0		6	60.0	6.5	0	0.00		72	26.67	117	30.31
Marion	0	0.0		0	0.0		0	0.00		35	12.96	29	7.51
Walker	5	38.5		2	20.0		0	0.00		79	29.26	121	31.35
Winston	0	0.0		0	0.0		0	0.00		13	4.81	14	3.63
Total	13	61.5	4.35	10	100.0	3.36	3	100.00	1.01	270	100.00	386	100.00

PHA 2	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Cullman	7	7.78	8.49	4	14.81		0	0.00		64	4.81	96	5.70
Jackson	2	2.22		0	0.00		1	6.25		33	2.48	40	2.37
Lawrence	7	7.78	21.06	0	0.00		1	6.25		30	2.26	40	2.37
Limestone	10	11.11	10.78	0	0.00		3	18.75		125	9.40	158	9.38
Madison	51	56.67	14.29	15	55.56	4.20	9	56.25	2.52	818	61.50	1018	60.42
Marshall	2	2.22		3	11.11		0	0.00		109	8.20	123	7.30
Morgan	11	12.22	9.24	5	18.52		2	12.50		151	11.35	210	12.46
Total	90	100.00	10.94	27	100.00	3.27	16	100.00	1.94	1330	100.00	1685	100.00

PHA 3	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Bibb	3	6.12		1	3.40		1	50.00		42	6.67	37	4.24
Fayette	1	2.04		0	0.00		0	0.00		12	1.90	24	2.75
Greene	3	6.12		1	3.40		0	0.00		29	4.60	51	5.85
Lamar	0	0.00		1	3.40		0	0.00		15	2.38	20	2.29
Pickens	3	6.12		0	0.00		0	0.00		53	8.41	52	5.96
Tuscaloosa	39	79.59	18.92	26	89.80	12.62	1	50.00		479	76.03	688	78.90
Total	49	100.00	17.22	29	100.00	10.12	2	100.00	0.70	630	100.00	872	100.00

PHA 4	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Jefferson	140	100.00	21.23	96	100.00	14.56	7	100.00	1.06	3750	100.00	5627	100.00
Total	140	100.00	21.19	96	100.00	14.54	7	100.00	1.06	3750	100.00	5627	100.00

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	Newly Diagnosed			Newly Diagnosed			Newly Diagnosed			Prevalent Cases		Cumulative Cases	
	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Blount	7	17.95	12.13	3	17.65		0	0.00		50	6.81	82	10.57
Cherokee	1	2.56		2	11.76		0	0.00		24	3.27	44	5.67
Dekalb	3	7.69		1	5.88		0	0.00		58	7.90	74	9.54
Etowah	12	30.77	11.70	5	29.41		1	20.00		193	26.29	242	31.19
Shelby	8	20.51	9.09	4	23.53		1	20.00		281	38.28	217	27.96
St. Clair	8	20.51	3.80	2	11.76		3	60.00		128	17.44	121	15.59
Total	39	100.00	7.07	17	100.00	3.07	5	100.00	0.90	734	100.00	776	100.00

PHA 6	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Calhoun	10	32.26	8.73	10	32.26	8.73	5	35.71		276	35.60	336	34.71
Chambers	9	29.03	26.59	3	9.68		3	21.43		125	16.76	190	19.63
Clay	3	9.68		1	3.22		0	0.00		24	3.60	34	3.51
Cleburne	1	3.23		0	0.00		0	0.00		17	2.35	21	2.17
Coosa	2	6.45		1	3.23		0	0.00		15	1.94	23	2.38
Randolph	1	3.23		2	6.45		0	0.00		16	2.22	36	3.72
Talladega	5	16.13		9	29.03	11.24	1	7.14		198	27.42	235	24.28
Tallapoosa	0	0.00		5	16.13		5	35.71		78	10.11	93	9.61
Total	31	100.00	9.27	31	100.00	9.30	14	100.00	4.23	749	100.00	968	100.00

PHA 7	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Choctaw	0	0.00		1	7.69		0	0.00		25	5.97	37	5.84
Dallas	5	29.41		2	15.38		3	42.86		156	37.23	259	40.85
Hale	0	0.00		1	7.68		1	14.29		55	13.13	69	10.88
Lowndes	1	5.88		4	30.76		1	14.29		57	13.60	90	14.20
Marengo	4	23.53		1	7.69		0	0.00		30	7.16	45	7.10
Perry	2	11.76		0	0.00		1	14.29		28	6.68	39	6.15
Sumter	2	11.76		2	15.40		1	14.29		37	8.83	59	9.31
Wilcox	3	17.65		2	15.40		0	0.00		31	7.40	36	5.68
Total	17	100.00	12.59	13	100.00	9.73	7	100.00	5.32	419	100.00	634	100.00

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	Newly Diagnosed			Newly Diagnosed			Newly Diagnosed			Prevalent Cases		Cumulative Cases	
	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
PHA 8													
Autauga	5	3.21		4	2.67		3	4.84		112	4.34	162	4.05
Bullock	8	5.13	77.21	1	0.67		0	0.00		61	2.36	79	1.98
Chilton	5	3.21		3	2.00		2	3.23		51	1.98	61	1.53
Elmore	6	3.85	7.34	2	1.33		3	4.84		179	6.94	229	5.73
Lee	23	14.74	14.47	26	17.33	16.35	11	17.74	6.92	321	12.44	390	9.76
Macon	3	1.92		7	4.67	36.91	2	3.23		102	3.95	169	4.23
Montgomery	99	63.46	43.74	92	61.33	40.65	37	59.68	16.35	1536	59.53	2620	65.57
Russell	7	4.49	12.03	15	10.00	25.79	4	6.45		218	8.45	286	7.16
Total	156	100.00	23.98	150	100.00	22.95	62	100.00	9.48	2580	100.00	3996	100.00
PHA 9													
Baldwin	16	55.17	8.39	14	56.00	26.85	5	38.46		332	49.55	496	50.82
Butler	3	10.34		3	12.00		2	15.38		55	8.21	85	8.71
Clarke	0	0.00		1	4.00		2	15.38		38	5.67	52	5.33
Conecuh	3	10.34		5	20.00		1	7.69		36	5.37	72	7.38
Covington	4	13.79		1	4.00		1	7.69		61	9.10	84	8.61
Escambia	1	3.45		0	0.00		1	7.69		90	13.43	97	9.94
Monroe	2	6.90		0	0.00		1	7.69		42	6.27	61	6.25
Washington	0	0.00		1	4.00		0	0.00		16	2.39	29	2.97
Total	29	100.00	7.79	25	100.00	6.66	13	100.00	3.43	670	100.00	976	100.00
PHA 10													
Barbour	2	4.88		2	4.08		3	16.67		103	11.43	155	11.97
Coffee	4	9.76		4	8.16		1	5.56		81	8.99	120	9.27
Crenshaw	1	2.44		3	6.12		0	0.00		26	2.89	39	3.01
Dale	12	29.27	24.38	11	22.45	22.35	4	22.22		122	13.54	230	17.76
Geneva	0	0.00		1	2.04		0	0.00		39	4.33	52	4.02
Henry	2	4.88	11.65	2	4.08		2	11.11		40	4.44	59	4.56
Houston	14	34.15		20	40.82	39.23	8	44.44	7.69	373	41.40	480	37.07
Pike	6	14.63		6	12.24	18.03	0	0.00		117	12.99	160	12.36
Total	41	100.00	12.70	49	100.00	15.20	18	100.00	5.60	901	100.00	1295	100.00

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PUBLIC HEALTH AREA (PHA)	Finalized 2015			Preliminary 2016			Preliminary 2017, 1st Quarter (January 1 - June 30)						
	Newly Diagnosed			Newly Diagnosed			Newly Diagnosed			Prevalent Cases		Cumulative Cases	
PHA 11	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Mobile	79	100.00	19.04	93	100.00	22.42	36	100.00	8.68	1970	100.00	3329	100.00
Total	79	100.00	19.03	93	100.00	22.39	36	100.00	8.68	1970	100.00	3329	100.00

STATE TOTAL	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Alabama	685	100.00	14.09	540	100.00	11.10	183	100.00	3.76	14029	100.00	20548	100.00
Total	685	100.00	14.13	540	100.00	11.11	183	100.00	3.76	14029	100.00	20548	100.00

Note: 2016 statistics should be interpreted with extreme caution as not all reported cases have been entered into the HIV Surveillance database.

2015 data is finalized, 2016 data remain incomplete due to delayed reporting; data will be finalized December 31, 2017.

To ensure statistically significant data, reported numbers less than 5, as well as estimated numbers (and accompanying rates and trends) based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

Rates are only calculated for jurisdictions with 6 or more cases. Rates are per 100,000 per year based on the US Census Bureau estimates for 2016.

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

Prevalent HIV includes all persons living with HIV as of June 30, 2017. Cumulative HIV includes all diagnosed HIV (living and deceased) as of June 30, 2017.

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 June 30, 2017.

PHA represents residence at diagnosis among newly diagnosed and cumulative cases. PHA represents current residence among prevalent cases.

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