

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

CHARACTERISTIC	Finalized 2015		Preliminary 2016		Preliminary 2017 1st Quarter (January 1 - March 31)					
	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	361	70.0	58	70.7	8871	64.3	13179	64.3
White	185	27.0	123	23.8	20	24.4	3879	28.1	6208	30.3
Hispanic	26	3.8	13	2.5	0	0.0	363	2.6	386	1.9
Multi-race	22	3.2	14	2.7	1	1.2	503	3.6	591	2.8
Other/Unknown	6	0.9	5	1.0	3	3.7	187	1.4	135	0.7
Total	685	100.0	516	100.0	82	100.0	13803	100.0	20499	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Male	541	79.0	391	75.8	65	79.3	10045	72.8	15412	75.2
Female	144	21.0	125	24.2	17	20.7	3756	27.2	5087	24.8
Total	685	100.0	516	100.0	82	100.0	13801	100.0	20499	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	1.2	42	0.3	151	0.7
13-19	30	4.4	25	4.8	6	7.3	100	0.7	990	4.8
20-24	169	24.7	103	20.0	22	26.8	696	5.0	3395	16.6
25-29	132	19.3	109	21.1	13	15.9	1348	9.8	3823	18.7
30-39	138	20.1	113	21.9	17	20.7	2728	19.8	6424	31.3
40-49	97	14.2	82	15.9	10	12.2	3370	24.4	3651	17.8
≥50	119	17.4	84	16.3	13	15.9	5519	40.0	2065	10.1
Total	685	100.0	516	100.0	82	100.0	13803	100.0	20499	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	245	47.5	30	37.0	6019	43.7	8906	43.8
Heterosexuals	180	26.3	135	26.2	19	23.5	4148	30.1	5666	27.9
Injection Drug Users (IDU)	10	1.5	12	2.3	0	0.0	780	5.7	1850	9.1
MSM/IDU	8	1.2	5	1.0	0	0.0	448	3.3	1016	5.0
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	74	0.5	0	0.0
Transfusion/Transplant Recipient	0	0.0	0	0.0	0	0.0	6	0.1	0	0.0
Risk Not Reported/Unknown	172	25.1	119	23.0	32	39.5	2266	16.5	2800	13.8
Total	685	100.0	516	100.0	81	100.0	13759	100.0	20317	100.0

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CHARACTERISTIC	Finalized 2014		Preliminary 2016		Preliminary 2017 1st Quarter (January 1 -March 31)					
	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	31	73.8	130	86.1
Hemophilia/Coagulation Disorder	0	0.0	0	0.0	0	0.0	0	0.0	8	5.3
Transfusion/Transplant Recipient	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7
Risk Not Reported/Unknown	0	0.0	0	0.0	0	0.0	11	26.2	12	7.9
Total	0	0.0	0	0.0	1	100.0	42	100.0	151	100.0

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	2.0	1	1.2	275	2.0	384	1.9
PHA 2	90	13.2	20	3.9	7	8.5	1300	9.4	1675	8.2
PHA 3	49	7.2	29	5.6	2	2.4	616	4.5	871	4.3
PHA 4	140	20.5	90	17.4	2	2.4	3690	26.7	5616	27.4
PHA 5	39	5.7	14	2.7	3	3.7	718	5.2	776	3.8
PHA 6	31	4.5	31	6.0	5	6.1	722	5.2	958	4.7
PHA 7	17	2.5	13	2.5	3	3.7	419	3.0	629	3.1
PHA 8	156	22.8	147	28.5	31	37.8	2541	18.4	3961	19.3
PHA 9	29	4.2	23	4.5	4	4.9	654	4.7	964	4.7
PHA 10	41	6.0	47	9.1	7	8.6	885	6.4	1280	6.2
PHA 11	79	11.5	92	17.8	17	20.7	1957	14.2	3309	16.1
Total (# not reflective of any unknown cases)	684	100.0	516	100.0	82	100.0	13759	100.0	20499	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 March 31, 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 March 31, 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 - March 31)						
	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 1													
Colbert	3	23.1		3	30.0		0	0.00		55	20.00	83	21.61
Franklin	0	0.0	0.0	0	0.0		1	100.00		18	6.55	21	5.47
Lauderdale	5	0.0		6	60.0		0	0.00		74	26.91	117	30.47
Marion	0	0.0	0.0	0	0.0		0	0.00		34	12.36	29	7.55
Walker	5	38.5		1	10.0		0	0.00		81	29.45	120	31.25
Winston	0	0.0	0.0	0	0.0		0	0.00		13	4.73	14	3.65
Total	13	61.5	4.34	10	100.0	3.36	1	100.00	0.34	275	100.00	384	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		2	10.00		0	0.00		61	4.69	94	5.61
Jackson	2	2.22	3.77	0	0.00		0	0.00		32	2.46	39	2.33
Lawrence	7	7.78		0	0.00		1	14.29		30	2.31	41	2.45
Limestone	10	11.11		0	0.00		2	28.57		123	9.46	159	9.49
Madison	51	56.67	14.88	11	55.00		4	57.14		802	61.69	1013	60.48
Marshall	2	2.22		3	15.00		0	0.00		104	8.00	123	7.34
Morgan	11	12.22		4	20.00		0	0.00		148	11.39	206	12.30
Total	90	100.00	11.08	20	100.00	2.42	7	100.00	0.85	1300	100.00	1675	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	6.82	37	4.25
Fayette	1	2.04		0	0.00		0	0.00		12	1.95	24	2.76
Greene	3	6.12		1	3.40		0	0.00		31	5.03	51	5.86
Lamar	0	0.00	0.00	1	3.40		0	0.00		14	2.27	20	2.29
Pickens	3	6.12	2.56	0	0.00		0	0.00		53	8.60	52	5.97
Tuscaloosa	39	79.59	19.63	26	89.80		1	50.00		464	75.33	687	78.87
Total	49	100.00	17.45	29	100.00	10.12	2	100.00	0.70	616	100.00	871	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	21.27	90	100.00		2	100.00		3690	100.00	5616	100.00
Total	140	100.00	21.27	90	100.00	13.63	2	100.00	0.30	3690	100.00	5616	100.00

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PUBLIC HEALTH AREA (PHA)	Finalized 2015			Preliminary 2016			Preliminary 2017 1st Quarter (January 1 - March 31)						
	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 5													
Blount	7	17.95		3	21.42		0	0.00		52	7.24	82	10.57
Cherokee	1	2.56	3.84	2	14.29		0	0.00		22	3.06	44	5.66
Dekalb	3	7.69		1	7.14		0	0.00		59	8.21	74	9.54
Etowah	12	30.77	11.50	3	21.42		0	0.00		188	26.18	239	30.80
Shelby	8	20.51		4	28.58		1	33.33		277	38.59	218	28.09
St. Clair	8	20.51	9.39	1	7.15		2	66.67		120	16.72	119	15.34
Total	39	100.00	7.15	14	100.00	2.53	3	100.00	0.54	718	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	8.53	10	32.26		0	0.00		257	35.60	331	34.55
Chambers	9	29.03	26.41	3	9.68		2	40.00		121	16.76	189	19.73
Clay	3	9.68		1	3.22		0	0.00		26	3.60	34	3.55
Cleburne	1	3.23		0	0.00		0	0.00		17	2.35	21	2.19
Coosa	2	6.45		1	3.23		0	0.00		14	1.94	23	2.40
Randolph	1	3.23		2	6.45		0	0.00		16	2.22	36	3.76
Talladega	5	16.13	6.12	9	29.03		0	0.00		198	27.42	233	24.32
Tallapoosa	0	0.00	0.00	5	16.13		3	60.00		73	10.11	91	9.50
Total	31	100.00	9.22	31	100.00	9.30	5	100.00	1.50	722	100.00	958	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	0.00	1	7.69		0	0.00		25	5.98	37	5.88
Dallas	5	29.41	11.71	2	15.38		2	66.67		154	36.75	257	40.87
Hale	0	0.00	0.00	1	7.68		1	33.33		57	13.60	69	10.97
Lowndes	1	5.88		4	30.76		0	0.00		57	13.60	89	14.15
Marengo	4	23.53		1	7.69		0	0.00		29	6.92	45	7.15
Perry	2	11.76		0	0.00		0	0.00		29	6.92	38	6.04
Sumter	2	11.76		2	15.40		0	0.00		37	8.83	58	9.22
Wilcox	3	17.65		2	15.40		0	0.00		31	7.40	36	5.72
Total	17	100.00	12.32	13	100.00	9.73	3	100.00	2.24	419	100.00	629	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	9.05	3	2.04		1	3.23		113	4.44	159	4.01
Bullock	8	5.13	75.44	1	0.70		0	0.00		64	2.52	78	1.97
Chilton	5	3.21		3	2.04		2	6.45		50	1.97	61	1.54
Elmore	6	3.85	7.46	2	1.36		0	0.00		171	6.73	226	5.71
Lee	23	14.74	15.56	27	18.36		3	9.68		309	12.16	382	9.64
Macon	3	1.92		6	4.08		2	6.45		100	3.94	168	4.24
Montgomery	99	63.46	43.18	90	61.22		20	64.52		1519	59.78	2600	65.64
Russell	7	4.49	12.13	15	10.20		3	9.67		215	8.46	287	7.25
Total	156	100.00	24.18	147	100.00	22.49	31	100.00	4.74	2541	100.00	3961	100.00
PHA 9													
Baldwin	16	55.17	8.39	12	52.18		0	0.00		324	49.54	489	50.73
Butler	3	10.34		3	13.04		1	25.00		56	8.56	84	8.71
Clarke	0	0.00	0.00	1	4.34		1	25.00		37	5.66	51	5.29
Conecuh	3	10.34		5	21.74		0	0.00		35	5.35	71	7.37
Covington	4	13.79		1	4.35		1	25.00		61	9.33	84	8.71
Escambia	1	3.45		0	0.00		1	25.00		84	12.84	97	10.06
Monroe	2	6.90		0	0.00		0	0.00		42	6.42	60	6.22
Washington	0	0.00	0.00	1	4.35		0	0.00		15	2.30	28	2.91
Total	29	100.00	7.95	23	100.00	6.13	4	100.00	1.07	654	100.00	964	100.00
PHA 10													
Barbour	2	4.88		2	4.26		1	14.28		103	11.64	152	11.88
Coffee	4	9.76		4	8.51		0	0.00		77	8.70	118	9.22
Crenshaw	1	2.44		3	6.38		0	0.00		26	2.93	39	3.05
Dale	12	29.27	23.83	9	19.15		3	42.86		122	13.79	229	17.89
Geneva	0	0.00	0.00	1	2.13		0	0.00		40	4.52	53	4.14
Henry	2	4.88		2	4.26		1	14.29		38	4.29	57	4.45
Houston	14	34.15	13.55	21	44.68		2	28.57		364	41.13	473	36.95
Pike	6	14.63	18.12	5	10.63		0	0.00		115	13.00	159	12.42
Total	41	100.00	12.67	47	100.00	14.58	7	100.00	2.17	885	100.00	1280	100.00

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	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	19.10	92	100.00		17	100.00		1957	100.00	3309	100.00
Total	79	100.00	19.10	92	100.00	22.15	17	100.00	4.09	1957	100.00	3309	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	14.22	516	100.00		82	100.00		13803	100.00	20499	100.00
Total	685	100.00	14.22	516	100.00	10.62	82	100.00	1.69	13803	100.00	20499	100.00

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

2014 & 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 12, 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 5 or more cases. Rates are per 100,000 per year based on the US Census Bureau estimates for 2015.

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

Prevalent HIV includes all persons living with HIV as of December 31, 2016. Cumulative HIV includes all diagnosed HIV (living and deceased) as of December 31, 2016.

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 December 31, 2016.

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.