

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

CHARACTERISTIC	Finalized 2014		Preliminary 2015		Preliminary 2016, 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	481	70.6	342	71.5	81	65.3	8470	64.4	12756	64.3
White	160	23.5	96	20.1	38	30.6	3697	28.1	6031	30.4
Hispanic	20	2.9	17	3.6	2	1.6	341	2.6	367	1.8
Multi-race	18	2.6	16	3.3	2	1.6	464	3.5	553	2.8
Other/Unknown	2	0.3	7	1.5	1	0.8	176	1.3	131	0.7
Total	681	100.0	478	100.0	124	100.0	13148	100.0	19838	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Male	552	81.1	369	77.2	88	71.0	9551	72.6	14886	75.0
Female	129	18.9	109	22.8	36	29.0	3597	27.4	4952	25.0
Total	681	100.0	478	100.0	124	100.0	13148	100.0	19838	100.0
Age (Years)	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
<13	1	0.1	1	0.2	0	0.0	36	0.3	149	0.8
13-19	40	5.9	24	5.0	3	2.4	81	0.6	955	4.8
20-24	172	25.3	128	26.8	24	19.4	640	4.9	3252	16.4
25-29	149	21.9	92	19.2	28	22.6	1254	9.5	3692	18.6
30-39	130	19.1	88	18.4	24	19.4	2579	19.6	6278	31.6
40-49	97	14.2	71	14.9	18	14.5	3346	25.4	3550	17.9
≥50	92	13.5	74	15.5	27	21.8	5212	39.6	1962	9.9
Total	681	100.0	478	100.0	124	100.0	13148	100.0	19838	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)	369	54.3	247	51.8	62	50.0	5707	43.5	8609	43.7
Heterosexuals	148	21.8	137	28.7	37	29.8	3985	30.4	5511	28.0
Injection Drug Users (IDU)	10	1.5	10	2.1	4	3.2	770	5.9	1840	9.3
MSM/IDU	7	1.0	7	1.5	2	1.6	438	3.3	1006	5.1
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	73	0.6	0	0.0
Transfusion/Transplant Recipient	0	0.0	0	0.0	0	0.0	6	0.0	31	0.2
Risk Not Reported/Unknown	146	21.5	76	15.9	19	15.3	2115	16.1	2613	13.3
Total	680	100.0	477	100.0	124	100.0	13112	100.0	19689	100.0

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CHARACTERISTIC	Finalized 2014		Preliminary 2015		Preliminary 2016, 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	1	0.0	0	0.0	0	0.0	26	72.2	128	85.9
Hemophilia/Coagulation Disorder	0	0.0	0	0.0	0	0.0	0	0.0	8	5.4
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	1	0.0	0	0.0	10	27.8	12	8.1
Total	1	0.0	1	0.0	0	0.0	36	260.0	149	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	6	1.3	5	4.0	263	2.0	372	1.9
PHA 2	61	9.0	12	2.5	2	1.6	1210	9.2	1578	8.0
PHA 3	44	6.5	29	6.1	3	2.4	582	4.4	824	4.2
PHA 4	164	24.1	72	15.1	19	15.3	3600	27.4	5479	27.6
PHA 5	33	4.8	18	3.8	1	0.8	662	5.0	741	3.7
PHA 6	32	4.7	29	6.1	8	6.5	682	5.2	927	4.7
PHA 7	19	2.8	17	3.6	3	2.4	398	3.0	618	3.1
PHA 8	143	21.0	151	31.6	39	31.5	2388	18.2	3823	19.3
PHA 9	30	4.4	27	5.6	7	5.6	622	4.7	939	4.7
PHA 10	39	5.7	41	8.6	9	7.3	835	6.4	1235	6.2
PHA 11	103	15.1	76	15.9	28	22.6	1880	14.3	3227	16.3
Total	681	100.0	478	100.0	124	100.0	13148	100.0	19838	100.0

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

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

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, 2016. Cumulative HIV includes all diagnosed HIV (living and deceased) as of March 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 March 31, 2016.

Exposure categories among newly diagnosed and cumulative cases are based on age at diagnosis of HIV infection.

Prevalent exposure categories are based on current age among cases living as of March 31, 2016.

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 2014			Preliminary 2015			Preliminary 2016, 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
Colbert	4	30.77		2	33.3		1	0.00		52	19.77	80	21.51
Franklin	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	15	5.70	20	5.38
Lauderdale	8	61.54	8.62	1	0.0		4	0.00		69	26.24	112	30.11
Marion	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	36	13.69	29	7.80
Walker	1	7.69		3	50.0		0	0.00	0.00	79	30.04	117	31.45
Winston	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	12	4.56	14	3.76
Total	13	100.00	4.34	6	83.3	2.01	5	0.00		263	100.00	372	100.00

PHA 2	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Cullman	5	8.20	6.19	2	16.67		0	0.00	0.00	55	4.55	88	5.58
Jackson	1	1.64		0	0.00	0.00	0	0.00	0.00	31	2.56	37	2.34
Lawrence	1	1.64		0	0.00	0.00	0	0.00	0.00	29	2.40	33	2.09
Limestone	4	6.56		3	25.00		0	0.00	0.00	116	9.59	150	9.51
Madison	41	67.21	11.82	5	41.67	1.43	1	0.00		731	60.41	958	60.71
Marshall	1	1.64		1	8.33		0	0.00	0.00	99	8.18	119	7.54
Morgan	8	13.11	6.68	1	8.33		1	0.00		149	12.31	193	12.23
Total	61	100.00	7.46	12	100.00	1.46	2	0.00		1210	100.00	1578	100.00

PHA 3	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Bibb	1	2.27		1	3.45		0	0.00	0.00	38	6.53	34	4.13
Fayette	1	2.27		1	3.45		0	0.00	0.00	14	2.41	24	2.91
Greene	6	13.64	68.62	3	10.34		0	0.00	0.00	29	4.98	51	6.19
Lamar	1	2.27		0	0.00	0.00	1	0.00		15	2.58	20	2.43
Pickens	4	9.09		0	0.00	0.00	0	0.00	0.00	46	7.90	48	5.83
Tuscaloosa	31	70.45	15.44	24	82.76	11.87	2	0.00		440	75.60	647	78.52
Total	44	100.00	15.57	29	100.00	10.19	3	0.00		582	100.00	824	100.00

PHA 4	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Jefferson	164	100.00	24.87	72	100.00	10.90	19	0.00	2.88	3600	100.00	5479	100.00
Total	164	100.00	24.87	72	100.00	10.90	19	0.00	2.88	3600	100.00	5479	100.00

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

PUBLIC HEALTH AREA (PHA)	Finalized 2014			Preliminary 2015			Preliminary 2016, 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
Blount	5	15.15	8.64	3	16.67		0	0.00	0.00	52	7.85	77	10.39
Cherokee	2	6.06		0	0.00	0.00	0	0.00	0.00	20	3.02	41	5.53
Dekalb	4	12.12		1	5.56		0	0.00	0.00	40	6.04	71	9.58
Etowah	6	18.18	5.77	7	38.89	6.76	1	0.00		174	26.28	232	31.31
Shelby	7	21.21	3.43	2	11.11		0	0.00	0.00	271	40.94	207	27.94
St. Clair	9	27.27	10.43	5	27.78	5.77	0	0.00	0.00	105	15.86	113	15.25
Total	33	100.00	6.01	18	100.00	3.26	1	0.00		662	100.00	741	100.00

PHA 6	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Calhoun	7	21.88	6.00	10	34.48	8.63	2	25.00		240	35.19	321	34.63
Chambers	12	37.50	35.13	9	31.03	26.41	1	12.50		113	16.57	184	19.85
Clay	4	12.50		3	10.34		0	0.00	0.00	19	2.79	33	3.56
Cleburne	2	6.25		1	3.45		0	0.00	0.00	15	2.20	21	2.27
Coosa	3	9.38		1	3.45		1	12.50		14	2.05	22	2.37
Randolph	0	0.00		1	3.45		1	12.50		18	2.64	35	3.78
Talladega	3	9.38		4	13.79		3	37.50		200	29.33	227	24.49
Tallapoosa	1	3.13		0	0.00	0.00	0	0.00	0.00	63	9.24	84	9.06
Total	32	100.00	9.54	29	100.00	8.67	8	100.00	2.39	682	100.00	927	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	0	0.00	0.00	0	0.00	0.00	23	5.78	36	5.83
Dallas	8	42.11	19.05	5	29.41	11.99	0	0.00	0.00	151	37.94	254	41.10
Hale	7	36.84	45.44	0	0.00	0.00	0	0.00	0.00	55	13.82	67	10.84
Lowndes	2	10.53		1	5.88		1	33.33		60	15.08	87	14.08
Marengo	0	0.00	0.00	4	23.53		0	0.00	0.00	30	7.54	44	7.12
Perry	0	0.00	0.00	2	11.76		0	0.00	0.00	29	7.29	38	6.15
Sumter	2	10.53		2	11.76		0	0.00	0.00	30	7.54	56	9.06
Wilcox	0	0.00	0.00	3	17.65		2	66.67		20	5.03	36	5.83
Total	19	100.00	13.93	17	100.00	12.59	3	100.00		398	100.00	618	100.00

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

PUBLIC HEALTH AREA (PHA)	Finalized 2014			Preliminary 2015			Preliminary 2016, 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 8													
Autauga	6	4.20	10.86	5	3.31	9.03	1	2.56		106	4.44	156	4.08
Bullock	12	8.39	112.79	7	4.64	65.03	0	0.00	0.00	62	2.60	76	1.99
Chilton	2	1.40		4	2.65		0	0.00	0.00	43	1.80	55	1.44
Elmore	6	4.20	7.42	6	3.97	7.41	0	0.00	0.00	173	7.24	225	5.89
Lee	8	5.59	5.30	22	14.57	14.26	4	10.26		279	11.68	355	9.29
Macon	0	0.00	0.00	3	1.99		1	2.56		81	3.39	162	4.24
Montgomery	97	67.83	42.80	97	64.24	42.88	25	64.10	11.05	1442	60.39	2516	65.81
Russell	12	8.39	20.14	7	4.64	11.74	8	20.51	13.42	202	8.46	278	7.27
Total	143	100.00	22.08	151	100.00	23.21	39	100.00	5.99	2388	100.00	3823	100.00
PHA 9													
Baldwin	15	50.00	7.67	16	59.26	8.00	4	57.14		313	50.32	480	51.12
Butler	4	13.33		2	7.41		0	0.00	0.00	47	7.56	79	8.41
Clarke	0	0.00	0.00	0	0.00	0.00	1	14.29		38	6.11	50	5.32
Conecuh	3	10.00		3	11.11		2	28.57		32	5.14	68	7.24
Covington	3	10.00		3	11.11		0	0.00	0.00	52	8.36	79	8.41
Escambia	0	0.00	0.00	1	3.70		0	0.00	0.00	81	13.02	96	10.22
Monroe	4	13.33		2	7.41		0	0.00	0.00	44	7.07	60	6.39
Washington	1	3.33		0	0.00	0.00	0	0.00	0.00	15	2.41	27	2.88
Total	30	100.00	8.13	27	100.00	7.25	7	100.00	1.88	622	100.00	939	100.00
PHA 10													
Barbour	3	7.69		2	4.88		0	0.00	0.00	104	12.46	149	12.06
Coffee	4	10.26		4	9.76		0	0.00	0.00	73	8.74	116	9.39
Crenshaw	3	7.69		1	2.44		0	0.00	0.00	27	3.23	35	2.83
Dale	22	56.41	44.10	12	29.27	24.25	5	55.56	10.10	119	14.25	222	17.98
Geneva	4	10.26		0	0.00	0.00	0	0.00	0.00	35	4.19	53	4.29
Henry	0	0.00	0.00	2	4.88		0	0.00	0.00	33	3.95	54	4.37
Houston	3	7.69		14	34.15	13.44	4	44.44		334	40.00	453	36.68
Pike	0	0.00	0.00	6	14.63	17.97	0	0.00	0.00	110	13.17	153	12.39
Total	39	100.00	12.08	41	100.00	12.70	9	100.00	2.79	835	100.00	1235	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	103	100.00	24.87	76	100.00	18.31	28	100.00	6.74	1880	100.00	3227	100.00
Total	103	100.00	24.87	76	100.00	18.31	28	100.00	6.74	1880	100.00	3227	100.00

STATE TOTAL	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Alabama	681	100.00	14.09	478	100.00	9.86	124	100.00	2.56	13148	100.00	19838	100.00
Total	681	100.00	14.09	478	100.00	9.86	124	100.00	2.56	13148	100.00	19838	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 data is finalized, 2015 and 2016 data remain incomplete due to delayed reporting; data will be finalized December 31, 2016 and December 31, 2017, respectively.

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 2014.

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, 2016. Cumulative HIV includes all diagnosed HIV (living and deceased) as of March 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 March 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.