

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

CHARACTERISTIC	Finalized 2014		Preliminary 2015		Preliminary 2016, 1st 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	481	70.6	344	71.4	145	69.4	8509	64.4	12821	64.3
White	160	23.5	98	20.3	51	24.4	3712	28.1	6046	30.3
Hispanic	20	2.9	17	3.5	4	1.9	343	2.6	369	1.9
Multi-race	18	2.6	16	3.3	4	1.9	465	3.5	555	2.8
Other/Unknown	2	0.3	7	1.5	5	2.4	177	1.3	135	0.7
Total	681	100.0	482	100.0	209	100.0	13206	100.0	19926	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Male	552	81.1	373	77.4	148	70.8	9600	72.7	14950	75.0
Female	129	18.9	109	22.6	61	29.2	3606	27.3	4976	25.0
Total	681	100.0	482	100.0	209	100.0	13206	100.0	19926	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	35	0.3	149	0.7
13-19	40	5.9	24	5.0	10	4.8	74	0.6	962	4.8
20-24	172	25.3	129	26.8	40	19.1	621	4.7	3269	16.4
25-29	149	21.9	93	19.3	40	19.1	1238	9.4	3705	18.6
30-39	130	19.1	89	18.5	48	23.0	2610	19.8	6303	31.6
40-49	97	14.2	71	14.7	36	17.2	3306	25.0	3568	17.9
≥50	92	13.5	75	15.6	35	16.7	5322	40.3	1970	9.9
Total	681	100.0	482	100.0	209	100.0	13206	100.0	19926	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	250	52.0	95	45.5	5740	43.6	8645	43.7
Heterosexuals	148	21.8	138	28.7	62	29.7	3994	30.3	5536	28.0
Injection Drug Users (IDU)	10	1.5	10	2.1	7	3.3	773	5.9	1843	9.3
MSM/IDU	7	1.0	7	1.5	3	1.4	440	3.3	1007	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	74	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	15.8	42	20.1	2126	16.1	2636	13.3
Total	680	100.0	481	100.0	209	100.0	13171	100.0	19777	100.0

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CHARACTERISTIC	Finalized 2014		Preliminary 2015		Preliminary 2016, 1st 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	1	0.0	0	0.0	0	0.0	25	71.4	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	28.6	12	8.1
Total	1	0.0	1	0.0	0	0.0	35	250.0	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	1.2	7	3.3	266	2.0	374	1.9
PHA 2	61	9.0	12	2.5	4	1.9	1217	9.2	1580	7.9
PHA 3	44	6.5	29	6.0	4	1.9	580	4.4	825	4.1
PHA 4	164	24.1	73	15.1	32	15.3	3618	27.4	5492	27.6
PHA 5	33	4.8	20	4.1	4	1.9	666	5.0	746	3.7
PHA 6	32	4.7	29	6.0	14	6.7	682	5.2	933	4.7
PHA 7	19	2.8	17	3.5	6	2.9	399	3.0	621	3.1
PHA 8	143	21.0	151	31.3	62	29.7	2404	18.2	3846	19.3
PHA 9	30	4.4	27	5.6	10	4.8	623	4.7	942	4.7
PHA 10	39	5.7	41	8.5	17	8.1	836	6.3	1243	6.2
PHA 11	103	15.1	77	16.0	49	23.4	1889	14.3	3249	16.3
Total	681	100.0	482	100.0	209	100.0	13206	100.0	19926	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 June 30, 2016. Cumulative HIV includes all diagnosed HIV (living and deceased) as of June 30, 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 June 30, 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 - 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
PHA 1													
Colbert	4	30.77		2	33.3		1	0.00		52	19.55	80	21.39
Franklin	0	0.00	0.00	0	0.0	0.0	1	0.00		15	5.64	21	5.61
Lauderdale	8	61.54	8.62	1	0.0		5	0.00	5.37	69	25.94	113	30.21
Marion	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	37	13.91	29	7.75
Walker	1	7.69		3	50.0		0	0.00	0.00	80	30.08	117	31.28
Winston	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	13	4.89	14	3.74
Total	13	100.00	4.34	6	83.3	2.01	7	0.00	2.34	266	100.00	374	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	54	4.44	88	5.57
Jackson	1	1.64		0	0.00	0.00	0	0.00	0.00	31	2.55	37	2.34
Lawrence	1	1.64		0	0.00	0.00	0	0.00	0.00	28	2.30	33	2.09
Limestone	4	6.56		3	25.00		0	0.00	0.00	119	9.78	150	9.49
Madison	41	67.21	11.82	5	41.67	1.43	2	0.00		735	60.39	959	60.70
Marshall	1	1.64		1	8.33		0	0.00	0.00	100	8.22	119	7.53
Morgan	8	13.11	6.68	1	8.33		2	0.00		150	12.33	194	12.28
Total	61	100.00	7.46	12	100.00	1.46	4	0.00		1217	100.00	1580	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	6.55	34	4.12
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	5.00	51	6.18
Lamar	1	2.27		0	0.00	0.00	1	0.00		14	2.41	20	2.42
Pickens	4	9.09		0	0.00	0.00	0	0.00	0.00	46	7.93	48	5.82
Tuscaloosa	31	70.45	15.44	24	82.76	11.87	3	0.00		439	75.69	648	78.55
Total	44	100.00	15.57	29	100.00	10.19	4	0.00		580	100.00	825	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	73	100.00	11.05	32	0.00	4.84	3618	100.00	5492	100.00
Total	164	100.00	24.87	73	100.00	11.05	32	0.00	4.84	3618	100.00	5492	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 - 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
Blount	5	15.15	8.64	3	15.00		1	0.00		53	7.96	78	10.46
Cherokee	2	6.06		0	0.00	0.00	0	0.00	0.00	20	3.00	41	5.50
Dekalb	4	12.12		1	5.00		0	0.00	0.00	40	6.01	71	9.52
Etowah	6	18.18	5.77	7	35.00	6.76	1	0.00		175	26.28	232	31.10
Shelby	7	21.21	3.43	4	20.00		2	0.00		274	41.14	211	28.28
St. Clair	9	27.27	10.43	5	25.00	5.77	0	0.00	0.00	104	15.62	113	15.15
Total	33	100.00	6.01	20	100.00	3.63	4	0.00		666	100.00	746	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	3	21.43		239	35.04	322	34.51
Chambers	12	37.50	35.13	9	31.03	26.41	1	7.14		115	16.86	184	19.72
Clay	4	12.50		3	10.34		1	7.14		19	2.79	34	3.64
Cleburne	2	6.25		1	3.45		0	0.00	0.00	15	2.20	21	2.25
Coosa	3	9.38		1	3.45		1	7.14		14	2.05	22	2.36
Randolph	0	0.00		1	3.45		1	7.14		18	2.64	35	3.75
Talladega	3	9.38		4	13.79		6	42.86	7.38	201	29.47	230	24.65
Tallapoosa	1	3.13		0	0.00	0.00	1	7.14		61	8.94	85	9.11
Total	32	100.00	9.54	29	100.00	8.67	14	100.00	4.18	682	100.00	933	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	1	16.67		23	5.76	37	5.96
Dallas	8	42.11	19.05	5	29.41	11.99	1	16.67		148	37.09	255	41.06
Hale	7	36.84	45.44	0	0.00	0.00	0	0.00	0.00	56	14.04	67	10.79
Lowndes	2	10.53		1	5.88		1	16.67		61	15.29	87	14.01
Marengo	0	0.00	0.00	4	23.53		1	16.67		31	7.77	45	7.25
Perry	0	0.00	0.00	2	11.76		0	0.00	0.00	29	7.27	38	6.12
Sumter	2	10.53		2	11.76		0	0.00	0.00	30	7.52	56	9.02
Wilcox	0	0.00	0.00	3	17.65		2	33.33		21	5.26	36	5.80
Total	19	100.00	13.93	17	100.00	12.59	6	100.00	4.44	399	100.00	621	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	6	4.20	10.86	5	3.31	9.03	2	3.23		108	4.49	157	4.08
Bullock	12	8.39	112.79	7	4.64	65.03	0	0.00	0.00	62	2.58	76	1.98
Chilton	2	1.40		4	2.65		1	1.61		45	1.87	56	1.46
Elmore	6	4.20	7.42	6	3.97	7.41	0	0.00	0.00	179	7.45	225	5.85
Lee	8	5.59	5.30	22	14.57	14.26	7	11.29	4.54	279	11.61	358	9.31
Macon	0	0.00	0.00	3	1.99		2	3.23		84	3.49	163	4.24
Montgomery	97	67.83	42.80	97	64.24	42.88	40	64.52	17.68	1444	60.07	2531	65.81
Russell	12	8.39	20.14	7	4.64	11.74	10	16.13	16.78	203	8.44	280	7.28
Total	143	100.00	22.08	151	100.00	23.21	62	100.00	9.53	2404	100.00	3846	100.00

PHA 9	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Baldwin	15	50.00	7.67	16	59.26	8.00	6	60.00	3.00	314	50.40	482	51.17
Butler	4	13.33		2	7.41		0	0.00	0.00	47	7.54	79	8.39
Clarke	0	0.00	0.00	0	0.00	0.00	1	10.00		38	6.10	50	5.31
Conecuh	3	10.00		3	11.11		2	20.00		32	5.14	68	7.22
Covington	3	10.00		3	11.11		0	0.00	0.00	53	8.51	79	8.39
Escambia	0	0.00	0.00	1	3.70		0	0.00	0.00	80	12.84	96	10.19
Monroe	4	13.33		2	7.41		0	0.00	0.00	44	7.06	60	6.37
Washington	1	3.33		0	0.00	0.00	1	10.00		15	2.41	28	2.97
Total	30	100.00	8.13	27	100.00	7.25	10	100.00	2.68	623	100.00	942	100.00

PHA 10	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Rate	Cases	% of Total	Cases	% of Total
Barbour	3	7.69		2	4.88		0	0.00	0.00	102	12.20	149	11.99
Coffee	4	10.26		4	9.76		1	5.88		75	8.97	117	9.41
Crenshaw	3	7.69		1	2.44		1	5.88		27	3.23	36	2.90
Dale	22	56.41	44.10	12	29.27	24.25	5	29.41	10.10	117	14.00	222	17.86
Geneva	4	10.26		0	0.00	0.00	0	0.00	0.00	34	4.07	53	4.26
Henry	0	0.00	0.00	2	4.88		1	5.88		34	4.07	55	4.42
Houston	3	7.69		14	34.15	13.44	8	47.06	7.68	336	40.19	457	36.77
Pike	0	0.00	0.00	6	14.63	17.97	1	5.88		111	13.28	154	12.39
Total	39	100.00	12.08	41	100.00	12.70	17	100.00	5.27	836	100.00	1243	100.00

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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	77	100.00	18.55	49	100.00	11.80	1889	100.00	3249	100.00
Total	103	100.00	24.87	77	100.00	18.55	49	100.00	11.80	1889	100.00	3249	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	482	100.00	9.94	209	100.00	4.31	13206	100.00	19926	100.00
Total	681	100.00	14.09	482	100.00	9.94	209	100.00	4.31	13206	100.00	19926	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 June 30, 2016. Cumulative HIV includes all diagnosed HIV (living and deceased) as of June 30, 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 June 30, 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.