

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

CHARACTERISTIC	Finalized 2014		Preliminary 2015		Preliminary 2016, 3rd Quarter (January 1 - September 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	350	70.9	259	68.2	8621	64.2	12939	64.4
White	160	23.5	101	20.4	93	24.5	3775	28.1	6090	30.3
Hispanic	20	2.9	19	3.8	10	2.6	350	2.6	377	1.9
Multi-race	18	2.6	16	3.2	10	2.6	471	3.5	563	2.8
Other/Unknown	2	0.3	8	1.6	8	2.1	204	1.5	138	0.7
Total	681	100.0	494	100.0	380	100.0	13421	100.0	20107	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Male	552	81.1	385	77.9	286	75.3	9748	72.6	15101	75.1
Female	129	18.9	109	22.1	94	24.7	3673	27.4	5006	24.9
Total	681	100.0	494	100.0	380	100.0	13421	100.0	20107	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	37	0.3	149	0.7
13-19	40	5.9	24	4.9	21	5.5	67	0.5	973	4.8
20-24	172	25.3	131	26.5	68	17.9	614	4.6	3297	16.4
25-29	149	21.9	94	19.0	82	21.6	1290	9.6	3750	18.7
30-39	130	19.1	92	18.6	83	21.8	2637	19.6	6339	31.5
40-49	97	14.2	73	14.8	67	17.6	3317	24.7	3603	17.9
≥50	92	13.5	79	16.0	59	15.5	5459	40.7	1996	9.9
Total	681	100.0	494	100.0	380	100.0	13421	100.0	20107	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	259	52.5	172	45.3	5800	43.3	8734	43.8
Heterosexuals	148	21.8	138	28.0	102	26.8	4060	30.3	5574	27.9
Injection Drug Users (IDU)	10	1.5	10	2.0	10	2.6	777	5.8	1847	9.3
MSM/IDU	7	1.0	7	1.4	5	1.3	437	3.3	1011	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	79	16.0	91	23.9	2212	16.5	2682	13.4
Total	680	100.0	493	100.0	380	100.0	13384	100.0	19958	100.0

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

CHARACTERISTIC	Finalized 2014		Preliminary 2015		Preliminary 2016, 3rd Quarter (January 1 -September 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	26	70.3	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	11	29.7	12	8.1
Total	1	0.0	1	0.0	0	0.0	37	236.4	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	7	1.4	8	2.1	270	2.0	376	1.9
PHA 2	61	9.0	15	3.0	12	3.2	1245	9.3	1592	7.9
PHA 3	44	6.5	29	5.9	19	5.0	603	4.5	839	4.2
PHA 4	164	24.1	77	15.6	69	18.2	3643	27.1	5532	27.5
PHA 5	33	4.8	21	4.3	8	2.1	689	5.1	751	3.7
PHA 6	32	4.7	30	6.1	26	6.8	700	5.2	947	4.7
PHA 7	19	2.8	17	3.4	9	2.4	401	3.0	623	3.1
PHA 8	143	21.0	151	30.6	106	27.9	2441	18.2	3887	19.3
PHA 9	30	4.4	28	5.7	15	3.9	637	4.7	948	4.7
PHA 10	39	5.7	41	8.3	35	9.2	857	6.4	1262	6.3
PHA 11	103	15.1	78	15.8	73	19.2	1909	14.2	3275	16.3
Total	681	100.0	494	100.0	380	100.0	13421	100.0	20107	100.0

Note: 2015 & 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 September 30, 2016. Cumulative HIV includes all diagnosed HIV (living and deceased) as of September 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 September 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, 3rd Quarter (January 1 - September 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	28.6		1	0.00		52	19.26	80	21.28
Franklin	0	0.00	0.00	0	0.0	0.0	1	0.00		16	5.93	21	5.59
Lauderdale	8	61.54	8.62	2	0.0		5	0.00	5.40	71	26.30	114	30.32
Marion	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	35	12.96	29	7.71
Walker	1	7.69		3	42.9		1	0.00		82	30.37	118	31.38
Winston	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	14	5.19	14	3.72
Total	13	100.00	4.34	7	71.4	2.35	8	0.00	2.68	270	100.00	376	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	3	20.00		0	0.00	0.00	56	4.50	89	5.59
Jackson	1	1.64		0	0.00	0.00	0	0.00	0.00	30	2.41	37	2.32
Lawrence	1	1.64		1	6.67		0	0.00	0.00	29	2.33	34	2.14
Limestone	4	6.56		3	20.00		0	0.00	0.00	121	9.72	150	9.42
Madison	41	67.21	11.82	5	33.33	1.42	8	0.00	2.27	754	60.56	965	60.62
Marshall	1	1.64		1	6.67		2	0.00		103	8.27	121	7.60
Morgan	8	13.11	6.68	2	13.33		2	0.00		152	12.21	196	12.31
Total	61	100.00	7.46	15	100.00	1.81	12	0.00	1.45	1245	100.00	1592	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		1	0.00		40	6.63	35	4.17
Fayette	1	2.27		1	3.45		0	0.00	0.00	12	1.99	24	2.86
Greene	6	13.64	68.62	3	10.34		1	0.00		32	5.31	51	6.08
Lamar	1	2.27		0	0.00	0.00	1	0.00		15	2.49	20	2.38
Pickens	4	9.09		0	0.00	0.00	0	0.00	0.00	45	7.46	49	5.84
Tuscaloosa	31	70.45	15.44	24	82.76	11.77	16	0.00	7.84	459	76.12	660	78.67
Total	44	100.00	15.57	29	100.00	10.12	19	0.00	6.63	603	100.00	839	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	77	100.00	11.66	69	0.00	10.45	3643	100.00	5532	100.00
Total	164	100.00	24.87	77	100.00	11.66	69	0.00	10.45	3643	100.00	5532	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, 3rd Quarter (January 1 - September 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 5													
Blount	5	15.15	8.64	3	14.29		1	0.00		53	7.69	78	10.39
Cherokee	2	6.06		0	0.00	0.00	1	0.00		20	2.90	42	5.59
Dekalb	4	12.12		1	4.76		1	0.00		44	6.39	72	9.59
Etowah	6	18.18	5.77	7	33.33	6.79	2	0.00		181	26.27	233	31.03
Shelby	7	21.21	3.43	4	19.05		3	0.00		282	40.93	212	28.23
St. Clair	9	27.27	10.43	6	28.57	6.89	0	0.00	0.00	109	15.82	114	15.18
Total	33	100.00	6.01	21	100.00	3.79	8	0.00	1.45	689	100.00	751	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	33.33	8.65	9	34.62	7.78	246	35.14	329	34.74
Chambers	12	37.50	35.13	9	30.00	26.38	3	11.54		125	17.86	186	19.64
Clay	4	12.50		3	10.00		1	3.85		22	3.14	34	3.59
Cleburne	2	6.25		1	3.33		0	0.00	0.00	16	2.29	21	2.22
Coosa	3	9.38		1	3.33		1	3.85		14	2.00	22	2.32
Randolph	0	0.00		1	3.33		1	3.85		14	2.00	35	3.70
Talladega	3	9.38		5	16.67	6.18	7	26.92	8.66	198	28.29	232	24.50
Tallapoosa	1	3.13		0	0.00	0.00	4	15.38		65	9.29	88	9.29
Total	32	100.00	9.54	30	100.00	9.00	26	100.00	7.80	700	100.00	947	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	11.11		23	5.74	37	5.94
Dallas	8	42.11	19.05	5	29.41	12.16	2	22.22		151	37.66	256	41.09
Hale	7	36.84	45.44	0	0.00	0.00	1	11.11		56	13.97	68	10.91
Lowndes	2	10.53		1	5.88		2	22.22		58	14.46	87	13.96
Marengo	0	0.00	0.00	4	23.53		1	11.11		35	8.73	45	7.22
Perry	0	0.00	0.00	2	11.76		0	0.00	0.00	28	6.98	38	6.10
Sumter	2	10.53		2	11.76		0	0.00	0.00	31	7.73	56	8.99
Wilcox	0	0.00	0.00	3	17.65		2	22.22		19	4.74	36	5.78
Total	19	100.00	13.93	17	100.00	12.72	9	100.00	6.73	401	100.00	623	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, 3rd Quarter (January 1 - Septmeber 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 8													
Autauga	6	4.20	10.86	5	3.31	9.03	3	2.83		111	4.55	158	4.06
Bullock	12	8.39	112.79	7	4.64	65.45	1	0.94		66	2.70	77	1.98
Chilton	2	1.40		4	2.65		2	1.89		45	1.84	57	1.47
Elmore	6	4.20	7.42	6	3.97	7.36	1	0.94		171	7.01	225	5.79
Lee	8	5.59	5.30	22	14.57	14.01	15	14.15	9.55	285	11.68	365	9.39
Macon	0	0.00	0.00	3	1.99		4	3.77		85	3.48	164	4.22
Montgomery	97	67.83	42.80	97	64.24	42.82	65	61.32	28.70	1471	60.26	2556	65.76
Russell	12	8.39	20.14	7	4.64	11.73	15	14.15	25.14	207	8.48	285	7.33
Total	143	100.00	22.08	151	100.00	23.10	106	100.00	16.21	2441	100.00	3887	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	57.14	7.85	8	53.33	3.93	317	49.76	484	51.05
Butler	4	13.33		2	7.14		1	6.67		51	8.01	80	8.44
Clarke	0	0.00	0.00	0	0.00	0.00	1	6.67		37	5.81	50	5.27
Conecuh	3	10.00		3	10.71		3	20.00		33	5.18	69	7.28
Covington	3	10.00		4	14.29		1	6.67		59	9.26	81	8.54
Escambia	0	0.00	0.00	1	3.57		0	0.00	0.00	81	12.72	96	10.13
Monroe	4	13.33		2	7.14		0	0.00	0.00	44	6.91	60	6.33
Washington	1	3.33		0	0.00	0.00	1	6.67		15	2.35	28	2.95
Total	30	100.00	8.13	28	100.00	7.46	15	100.00	4.00	637	100.00	948	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		1	2.86		100	11.67	150	11.89
Coffee	4	10.26		4	9.76		3	8.57		78	9.10	119	9.43
Crenshaw	3	7.69		1	2.44		2	5.71		26	3.03	37	2.93
Dale	22	56.41	44.10	12	29.27	24.21	9	25.71	18.16	120	14.00	226	17.91
Geneva	4	10.26		0	0.00	0.00	1	2.86		36	4.20	54	4.28
Henry	0	0.00	0.00	2	4.88		1	2.86		37	4.32	55	4.36
Houston	3	7.69		14	34.15	13.44	16	45.71	15.36	349	40.72	466	36.93
Pike	0	0.00	0.00	6	14.63	18.16	2	5.71		111	12.95	155	12.28
Total	39	100.00	12.08	41	100.00	12.72	35	100.00	10.85	857	100.00	1262	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, 3rd Quarter (January 1 - September 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	103	100.00	24.87	78	100.00	18.78	73	100.00	17.57	1909	100.00	3275	100.00
Total	103	100.00	24.87	78	100.00	18.78	73	100.00	17.57	1909	100.00	3275	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	494	100.00	10.17	380	100.00	7.82	13421	100.00	20107	100.00
Total	681	100.00	14.09	494	100.00	10.17	380	100.00	7.82	13421	100.00	20107	100.00

Note: 2015 & 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 2015.

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