

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

CHARACTERISTIC	Finalized 2014		Finalized 2015		Preliminary 2016, 4th Quarter (January 1 - December 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	446	65.1	305	70.1	8679	64.4	13077	64.3
White	160	23.5	185	27.0	102	23.4	3800	28.2	6177	30.4
Hispanic	20	2.9	26	3.8	11	2.5	359	2.7	385	1.9
Multi-race	18	2.6	22	3.2	11	2.5	484	3.6	579	2.8
Other/Unknown	2	0.3	6	0.9	6	1.4	165	1.2	133	0.7
Total	681	100.0	685	100.0	435	100.0	13487	100.0	20351	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Male	552	81.1	541	79.0	329	75.6	9802	72.7	15302	75.2
Female	129	18.9	144	21.0	106	24.4	3685	27.3	5049	24.8
Total	681	100.0	685	100.0	435	100.0	13487	100.0	20351	100.0
Age (Years)	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
<13	1	0.1	0	0.0	0	0.0	37	0.3	150	0.7
13-19	40	5.9	30	4.4	22	5.1	73	0.5	982	4.8
20-24	172	25.3	169	24.7	85	19.5	642	4.8	3353	16.5
25-29	149	21.9	132	19.3	90	20.7	1305	9.7	3797	18.7
30-39	130	19.1	138	20.1	98	22.5	2676	19.8	6396	31.4
40-49	97	14.2	97	14.2	71	16.3	3317	24.6	3630	17.8
≥50	92	13.5	119	17.4	69	15.9	5437	40.3	2043	10.0
Total	681	100.0	685	100.0	435	100.0	13487	100.0	20351	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	315	46.0	200	46.0	5895	43.7	8832	43.7
Heterosexuals	148	21.8	180	26.3	114	26.2	4077	30.2	5622	27.8
Injection Drug Users (IDU)	10	1.5	10	1.5	12	2.8	768	5.7	1848	9.1
MSM/IDU	7	1.0	8	1.2	5	1.1	436	3.2	1014	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	73	0.5	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	172	25.1	104	23.9	2177	16.2	2775	13.7
Total	680	100.0	685	100.0	435	100.0	13450	99.8	20201	100.0

DEMOGRAPHICS OF HIV INFECTIONS AMONG INDIVIDUALS RESIDING IN ALABAMA AT DIAGNOSIS

CHARACTERISTIC	Finalized 2014		Finalized 2015		Preliminary 2016, 4th Quarter (January 1 -December 31)					
	Newly Diagnosed		Newly Diagnosed		Newly Diagnosed		Prevalent Cases		Cumulative Cases	
	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
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	27	0.0	129	86.0
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	10	0.0	12	8.0
Total	1	0.0	0	0.0	0	0.0	37	100.0	150	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	13	1.9	9	2.1	271	2.0	383	1.9
PHA 2	61	9.0	90	13.2	15	3.4	1252	9.3	1672	8.2
PHA 3	44	6.5	49	7.2	23	5.3	613	4.5	865	4.3
PHA 4	164	24.1	140	20.5	70	16.1	3639	27.0	5594	27.5
PHA 5	33	4.8	39	5.7	9	2.1	694	5.1	769	3.8
PHA 6	32	4.7	31	4.5	30	6.9	707	5.2	952	4.7
PHA 7	19	2.8	17	2.5	11	2.5	403	3.0	624	3.1
PHA 8	143	21.0	156	22.8	123	28.3	2463	18.3	3906	19.2
PHA 9	30	4.4	29	4.2	21	4.8	641	4.8	957	4.7
PHA 10	39	5.7	41	6.0	40	9.2	866	6.4	1268	6.2
PHA 11	103	15.1	79	11.5	84	19.3	1912	14.2	3285	16.1
Total (does not include any unknown cases)	681	100.0	684	100.0	435	100.0	13487	100.0	20350	100.0

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

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

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.

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

PUBLIC HEALTH AREA (PHA)	Finalized 2014			Finalized 2015			Preliminary 2016, 4th Quarter (January 1 - December 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		3	23.1		2	0.00		53	19.56	82	21.41
Franklin	0	0.00	0.00	0	0.0	0.0	0	0.00		15	5.54	20	5.22
Lauderdale	8	61.54	8.62	5	0.0		6	0.00	6.48	75	27.68	118	30.81
Marion	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	33	12.18	29	7.57
Walker	1	7.69		5	38.5		1	0.00		81	29.89	120	31.33
Winston	0	0.00	0.00	0	0.0	0.0	0	0.00	0.00	14	5.17	14	3.66
Total	13	100.00	4.34	13	61.5	4.36	9	0.00	3.02	271	100.00	383	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	7	7.78		0	0.00	0.00	57	4.55	93	5.56
Jackson	1	1.64		2	2.22	3.82	0	0.00	0.00	30	2.40	40	2.39
Lawrence	1	1.64		7	7.78		0	0.00	0.00	26	2.08	40	2.39
Limestone	4	6.56		10	11.11		0	0.00	0.00	118	9.42	158	9.45
Madison	41	67.21	11.82	51	56.67	14.44	9	0.00	2.55	767	61.26	1012	60.53
Marshall	1	1.64		2	2.22		3	0.00		101	8.07	123	7.36
Morgan	8	13.11	6.68	11	12.22		3	0.00		153	12.22	206	12.32
Total	61	100.00	7.46	90	100.00	10.89	15	0.00	1.81	1252	100.00	1672	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		3	6.12		1	0.00		40	6.53	37	4.28
Fayette	1	2.27		1	2.04		0	0.00	0.00	13	2.12	24	2.77
Greene	6	13.64	68.62	3	6.12		1	0.00		32	5.22	51	5.90
Lamar	1	2.27		0	0.00	0.00	1	0.00		15	2.45	20	2.31
Pickens	4	9.09		3	6.12	2.59	0	0.00	0.00	49	7.99	52	6.01
Tuscaloosa	31	70.45	15.44	39	79.59	19.12	20	0.00	9.81	464	75.69	681	78.73
Total	44	100.00	15.57	49	100.00	17.10	23	0.00	8.03	613	100.00	865	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	140	100.00	21.20	70	0.00	10.60	3639	100.00	5594	100.00
Total	164	100.00	24.87	140	100.00	21.20	70	0.00	10.60	3639	100.00	5594	100.00

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

PUBLIC HEALTH AREA (PHA)	Finalized 2014			Finalized 2015			Preliminary 2016, 4th Quarter (January 1 - December 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	5	15.15	8.64	7	17.95		1	0.00		54	7.78	82	10.66
Cherokee	2	6.06		1	2.56	3.87	1	0.00		24	3.46	43	5.59
Dekalb	4	12.12		3	7.69		1	0.00		45	6.48	74	9.62
Etowah	6	18.18	5.77	12	30.77	11.64	3	0.00		182	26.22	238	30.95
Shelby	7	21.21	3.43	8	20.51		3	0.00		284	40.92	216	28.09
St. Clair	9	27.27	10.43	8	20.51	9.19	0	0.00	0.00	105	15.13	116	15.08
Total	33	100.00	6.01	39	100.00	7.05	9	0.00	1.63	694	100.00	769	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	32.26	8.65	10	33.33	8.65	250	35.36	331	34.77
Chambers	12	37.50	35.13	9	29.03	26.38	3	10.00		125	17.68	186	19.54
Clay	4	12.50		3	9.68		1	3.33		23	3.25	34	3.57
Cleburne	2	6.25		1	3.23		0	0.00	0.00	15	2.12	21	2.21
Coosa	3	9.38		2	6.45		1	3.33		14	1.98	23	2.42
Randolph	0	0.00		1	3.23		2	6.67		16	2.26	36	3.78
Talladega	3	9.38		5	16.13	6.18	9	30.00	11.13	198	28.01	234	24.58
Tallapoosa	1	3.13		0	0.00	0.00	4	13.33		66	9.34	87	9.14
Total	32	100.00	9.54	31	100.00	9.30	30	100.00	9.00	707	100.00	952	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	9.09		23	5.71	37	5.93
Dallas	8	42.11	19.05	5	29.41	12.16	2	18.18		154	38.21	255	40.87
Hale	7	36.84	45.44	0	0.00	0.00	1	9.09		55	13.65	68	10.90
Lowndes	2	10.53		1	5.88		4	36.36		56	13.90	89	14.26
Marengo	0	0.00	0.00	4	23.53		1	9.09		32	7.94	45	7.21
Perry	0	0.00	0.00	2	11.76		0	0.00	0.00	27	6.70	38	6.09
Sumter	2	10.53		2	11.76		0	0.00	0.00	31	7.69	56	8.97
Wilcox	0	0.00	0.00	3	17.65		2	18.18		25	6.20	36	5.77
Total	19	100.00	13.93	17	100.00	12.72	11	100.00	8.23	403	100.00	624	100.00

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

PUBLIC HEALTH AREA (PHA)	Finalized 2014			Finalized 2015			Preliminary 2016, 4th Quarter (January 1 - December 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	3.21	9.03	3	2.44		113	4.64	158	4.05
Bullock	12	8.39	112.79	8	5.13	74.79	1	0.81		59	2.42	78	2.00
Chilton	2	1.40		5	3.21		2	1.63		45	1.85	58	1.48
Elmore	6	4.20	7.42	6	3.85	7.36	1	0.81		166	6.81	225	5.76
Lee	8	5.59	5.30	23	14.74	14.65	19	15.45	12.10	295	12.11	370	9.47
Macon	0	0.00	0.00	3	1.92		4	3.25		87	3.57	164	4.20
Montgomery	97	67.83	42.80	99	63.46	43.70	78	63.41	34.43	1469	60.30	2568	65.75
Russell	12	8.39	20.14	7	4.49	11.73	15	12.20	25.14	202	8.29	285	7.30
Total	143	100.00	22.08	156	100.00	23.86	123	100.00	18.82	2436	100.00	3906	100.00
PHA 9													
Baldwin	15	50.00	7.67	16	55.17	7.85	12	57.14	5.89	321	50.08	489	51.10
Butler	4	13.33		3	10.34		2	9.52		53	8.27	82	8.57
Clarke	0	0.00	0.00	0	0.00	0.00	1	4.76		36	5.62	50	5.22
Conecuh	3	10.00		3	10.34		4	19.05		34	5.30	70	7.31
Covington	3	10.00		4	13.79		1	4.76		60	9.36	82	8.57
Escambia	0	0.00	0.00	1	3.45		0	0.00	0.00	79	12.32	96	10.03
Monroe	4	13.33		2	6.90		0	0.00	0.00	43	6.71	60	6.27
Washington	1	3.33		0	0.00	0.00	1	4.76		15	2.34	28	2.93
Total	30	100.00	8.13	29	100.00	7.73	21	100.00	5.60	641	100.00	957	100.00
PHA 10													
Barbour	3	7.69		2	4.88		1	2.50		102	11.78	150	11.83
Coffee	4	10.26		4	9.76		4	10.00		83	9.58	120	9.46
Crenshaw	3	7.69		1	2.44		2	5.00		28	3.23	37	2.92
Dale	22	56.41	44.10	12	29.27	24.21	9	22.50	18.16	115	13.28	226	17.82
Geneva	4	10.26		0	0.00	0.00	1	2.50		35	4.04	54	4.26
Henry	0	0.00	0.00	2	4.88		1	2.50		35	4.04	56	4.42
Houston	3	7.69		14	34.15	13.44	19	47.50	18.24	355	40.99	469	36.99
Pike	0	0.00	0.00	6	14.63	18.16	3	7.50		113	13.05	156	12.30
Total	39	100.00	12.08	41	100.00	12.72	40	100.00	12.41	866	100.00	1268	100.00

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

PUBLIC HEALTH AREA (PHA)	Finalized 2014			Finalized 2015			Preliminary 2016, 4th Quarter (January 1 - December 31)						
	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	79	100.00	19.02	84	100.00	20.22	1912	100.00	3285	100.00
Total	103	100.00	24.87	79	100.00	19.02	84	100.00	20.22	1912	100.00	3285	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	685	100.00	14.10	435	100.00	8.95	13487	100.00	20351	100.00
Total	681	100.00	14.09	685	100.00	14.10	435	100.00	8.95	13487	100.00	20351	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.