

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

CHARACTERISTIC	Finalized 2015		Finalized 2016		Preliminary 2017 Through 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	446	65.1	448	66.7	293	66.7	9000	64.1	13509	64.2
White	185	27.0	182	27.1	127	28.9	3976	28.3	6369	30.3
Hispanic	26	3.8	19	2.8	9	2.1	394	2.8	403	1.9
Multi-race	22	3.2	20	3.0	6	1.4	531	3.8	625	3.0
Other/Unknown	6	0.9	3	0.4	4	0.9	141	1.0	133	0.6
Total	685	100.0	672	100.0	439	100.0	14042	100.0	21039	100.0
Gender	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total	Cases	% of Total
Female	144	21.0	149	22.2	90	20.5	3783	26.9	5198	24.7
Male	541	79.0	523	77.8	349	79.5	10258	73.1	15841	75.3
Total (does not include "unknown")	685	100.0	672	100.0	439	100.0	14041	100.0	21039	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	0.2	37	0.3	156	0.7
13-19	30	4.4	43	6.4	19	4.3	92	0.7	1025	4.9
20-24	169	24.7	134	19.9	101	23.0	699	5.0	3508	16.7
25-29	132	19.3	139	20.7	95	21.6	1411	10.0	3941	18.7
30-39	138	20.1	151	22.5	107	24.4	2844	20.3	6559	31.2
40-49	97	14.2	101	15.0	53	12.1	3279	23.4	3720	17.7
≥50	119	17.4	104	15.5	63	14.4	5680	40.5	2130	10.1
Total	685	100.0	672	100.0	439	100.0	14042	100.0	21039	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	358	53.3	231	52.7	6326	45.2	9272	44.4
Heterosexuals	180	26.3	177	26.3	106	24.2	4206	30.0	5804	27.8
Injection Drug Users (IDU)	10	1.5	16	2.4	9	2.1	761	5.4	1862	8.9
MSM/IDU	8	1.2	8	1.2	7	1.6	449	3.2	1034	5.0
Hemophilia/Coagulation Disorder	0	0.0	0	0.0	0	0.0	17	0.1	79	0.4
Mother with HIV Infection	0	0.0	0	0.0	0	0.0	78	0.6	0	0.0
Transfusion/Transplant Recipient	0	0.0	0	0.0	0	0.0	5	0.1	31	0.1
Risk Not Reported/Unknown	172	25.1	113	16.8	85	19.4	2162	15.4	2801	13.4
Total	685	100.0	672	100.0	438	100.0	14004	100.1	20883	100.0

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CHARACTERISTIC	Finalized 2014		Finalized 2016		Preliminary 2017 Through 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)										
Mother with HIV Infection	0	0.0	0	0.0	1	100.0	28	75.7	132	93.6
Hemophilia/Coagulation Disorder	0	0.0	0	0.0	0	0.0	0	0.0	8	5.7
Transfusion/Transplant Recipient	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7
Child Risk Not Reported/Unknown	0	0.0	0	0.0	0	0.0	9	24.3	15	10.6
Total	0	0.0	0	0.0	1	100.0	37	100.0	141	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	17	2.5	9	2.1	276	2.0	402	1.9
PHA 2	90	13.2	75	11.2	57	13.0	1341	9.6	1775	8.5
PHA 3	49	7.2	51	7.6	32	7.3	646	4.6	925	4.4
PHA 4	140	20.5	140	20.8	62	14.1	3766	26.9	5741	27.4
PHA 5	39	5.7	28	4.2	20	4.6	760	5.4	805	3.8
PHA 6	31	4.5	30	4.5	26	5.9	774	5.5	983	4.7
PHA 7	17	2.5	13	1.9	12	2.7	401	2.9	638	3.0
PHA 8	156	22.8	152	22.6	103	23.5	2566	18.3	4041	19.3
PHA 9	29	4.2	24	3.6	20	4.6	660	4.7	982	4.7
PHA 10	41	6.0	50	7.4	35	8.0	911	6.5	1315	6.3
PHA 11	79	11.5	92	13.7	63	14.4	1915	13.7	3356	16.0
Total (# not reflective of any unknown cases)	684	100.0	672	100.0	439	100.0	14016	100.0	20963	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 December 31, 2017. Cumulative HIV includes all diagnosed HIV (living and deceased) as of September 30, 2017.

Totals do not 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, 2017.

PHA represents residence at diagnosis among newly diagnosed and cumulative cases. PHA represents current residence among prevalent cases.

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

PUBLIC HEALTH AREA (PHA)	Finalized 2015			Finalized 2016			Preliminary 2017 Through 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	3	23.1		4	23.5		5	38.46		58	21.01	90	22.39
Franklin	0	0.0		0	0.0		1	7.69		19	6.88	21	5.22
Lauderdale	5	0.0		9	52.9	9.7	2	15.38		79	28.62	122	30.35
Marion	0	0.0		1	5.9		2	0.00		31	11.23	31	7.71
Walker	5	38.5		3	17.6		1	7.69		76	27.54	124	30.85
Winston	0	0.0		0	0.0		2	15.38		13	4.71	14	3.48
Total	13	61.5	4.35	17	100.0	5.70	13	84.62	4.38	276	100.00	402	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	8.49	9	12.00		0	0.00		60	4.47	101	5.69
Jackson	2	2.22		0	0.00		3	5.26		34	2.54	42	2.37
Lawrence	7	7.78	21.06	1	1.33		3	5.26		29	2.16	43	2.42
Limestone	10	11.11	10.78	5	6.67		7	12.28	3.36	128	9.55	168	9.46
Madison	51	56.67	14.29	47	62.67	13.17	33	57.89	9.24	828	61.74	1074	60.51
Marshall	2	2.22		6	8.00		6	10.53		113	8.43	132	7.44
Morgan	11	12.22	9.24	7	9.33		5	8.77		149	11.11	215	12.11
Total	90	100.00	10.94	75	100.00	9.07	57	100.00	6.85	1341	100.00	1775	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		4	7.84		4	12.50		41	6.35	44	4.76
Fayette	1	2.04		2	3.92		0	0.00		15	2.32	26	2.81
Greene	3	6.12		1	1.96		1	3.13		33	5.11	52	5.62
Lamar	0	0.00		1	1.96		0	0.00		12	1.86	20	2.16
Pickens	3	6.12		1	1.96		1	3.13		50	7.74	54	5.84
Tuscaloosa	39	79.59	18.92	42	82.35	20.38	26	81.25	12.62	495	76.63	729	78.81
Total	49	100.00	17.22	51	100.00	17.80	32	100.00	11.11	646	100.00	925	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	21.23	140	100.00	21.23	62	100.00	9.40	3766	100.00	5741	100.00
Total	140	100.00	21.19	140	100.00	21.20	62	100.00	9.40	3766	100.00	5741	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
Blount	7	17.95	12.13	4	14.29		3	15.00		51	6.71	85	10.56
Cherokee	1	2.56		3	10.71		1	5.00		28	3.68	45	5.59
Dekalb	3	7.69		2	7.14		1	5.00		57	7.50	76	9.44
Etowah	12	30.77	11.70	7	25.00		7	35.00		195	25.66	250	31.06
Shelby	8	20.51	9.09	7	25.00		4	20.00		308	40.53	224	27.83
St. Clair	8	20.51	3.80	5	17.86		4	20.00		121	15.92	125	15.53
Total	39	100.00	7.07	28	100.00	5.06	20	100.00	3.60	760	100.00	805	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	8.73	10	33.33	8.73	9	34.62		281	36.30	341	34.69
Chambers	9	29.03	26.59	2	6.67		7	26.92		133	17.18	194	19.74
Clay	3	9.68		1	3.33		3	11.54		28	3.62	37	3.76
Cleburne	1	3.23		0	0.00		0	0.00		15	1.94	21	2.14
Coosa	2	6.45		1	3.33		0	0.00		17	2.20	23	2.34
Randolph	1	3.23		2	6.67		0	0.00		16	2.07	36	3.66
Talladega	5	16.13		9	30.00	11.24	2	7.69		202	26.10	238	24.21
Tallapoosa	0	0.00		5	16.67		5	19.23		82	10.59	93	9.46
Total	31	100.00	9.27	30	100.00	9.00	26	100.00	7.86	774	100.00	983	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		1	7.69		0	0.00		24	5.99	37	5.80
Dallas	5	29.41		2	15.38		6	50.00		149	37.16	261	40.91
Hale	0	0.00		1	7.68		1	8.33		55	13.72	69	10.82
Lowndes	1	5.88		4	30.76		2	16.67		51	12.72	91	14.26
Marengo	4	23.53		1	7.69		0	0.00		27	6.73	45	7.05
Perry	2	11.76		0	0.00		1	8.33		29	7.23	39	6.11
Sumter	2	11.76		2	15.40		2	16.67		38	9.48	60	9.40
Wilcox	3	17.65		2	15.40		0	0.00		28	6.98	36	5.64
Total	17	100.00	12.59	13	100.00	9.73	12	100.00	9.12	401	100.00	638	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		5	3.29		7	6.80	1.06	117	4.56	168	4.16
Bullock	8	5.13	77.21	1	0.66		0	0.00		57	2.22	79	1.95
Chilton	5	3.21		3	1.97		5	4.85		57	2.22	65	1.61
Elmore	6	3.85	7.34	2	1.32		5	4.85		194	7.56	231	5.72
Lee	23	14.74	14.47	26	17.11	16.35	20	19.42	12.58	328	12.78	400	9.90
Macon	3	1.92		7	4.61	36.91	3	2.91		94	3.66	170	4.21
Montgomery	99	63.46	43.74	93	61.18	41.09	56	54.37	24.74	1507	58.73	2639	65.31
Russell	7	4.49	12.03	15	9.87	25.79	7	6.80	12.03	212	8.26	289	7.15
Total	156	100.00	23.98	152	100.00	23.25	103	100.00	15.75	2566	100.00	4041	100.00
PHA 9													
Baldwin	16	55.17	8.39	14	58.33	27.97	11	55.00		338	51.21	502	51.12
Butler	3	10.34		3	12.50		3	15.00		57	8.64	86	8.76
Clarke	0	0.00		1	4.17		2	10.00		37	5.61	52	5.30
Conecuh	3	10.34		5	20.83		1	5.00		38	5.76	72	7.33
Covington	4	13.79		1	4.17		1	5.00		60	9.09	84	8.55
Escambia	1	3.45		0	0.00		1	5.00		78	11.82	97	9.88
Monroe	2	6.90		0	0.00		1	5.00		38	5.76	61	6.21
Washington	0	0.00		0	0.00		0	0.00		14	2.12	28	2.85
Total	29	100.00	7.79	24	100.00	6.39	20	100.00	5.28	660	100.00	982	100.00
PHA 10													
Barbour	2	4.88		3	6.00		4	11.43		105	11.53	156	11.86
Coffee	4	9.76		4	8.00		3	8.57		79	8.67	123	9.35
Crenshaw	1	2.44		3	6.00		0	0.00		28	3.07	39	2.97
Dale	12	29.27	24.38	11	22.00	22.35	7	20.00		128	14.05	233	17.72
Geneva	0	0.00		1	2.00		0	0.00		40	4.39	52	3.95
Henry	2	4.88	11.65	2	4.00		3	8.57		41	4.50	60	4.56
Houston	14	34.15		20	40.00	38.44	18	51.43	17.30	377	41.38	491	37.34
Pike	6	14.63		6	12.00	18.03	0	0.00		113	12.40	161	12.24
Total	41	100.00	12.70	50	100.00	15.51	35	100.00	10.89	911	100.00	1315	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	19.04	92	100.00	22.18	63	100.00	15.19	1915	100.00	3356	100.00
Total	79	100.00	19.03	92	100.00	22.15	63	100.00	15.19	1915	100.00	3356	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	14.09	672	100.00	13.82	439	100.00	9.03	14042	100.00	21039	100.00
Total	685	100.00	14.13	672	100.00	13.83	439	100.00	9.03	14042	100.00	21039	100.00

Note: 2017 statistics should be interpreted with extreme caution as not all reported cases have been entered into the HIV Surveillance database.

2015 data is finalized, 2016 data is complete; data was finalized December 31, 2017.

To ensure statistically significant data, reported numbers less than 5, 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 6 or more cases. Rates are per 100,000 per year based on the US Census Bureau estimates for 2016.

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, 2017. Cumulative HIV includes all diagnosed HIV (living and deceased) as of December 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 December 31, 2017.

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.