

SUPPLEMENTARY TABLE 1. Total deaths, human immunodeficiency virus (HIV)-related deaths, and non-HIV-related deaths among persons aged ≥13 years with diagnosed HIV infection, by year of death and selected characteristics — United States, 2010 and 2017

Characteristic	2010						2017									
	Total		HIV-related*		Non-HIV-related*		Total		HIV-related*		Non-HIV-related*					
	No.	Age-adjusted rate per 1,000 PWDH†	No.	Age-adjusted rate per 1,000 PWDH†	No.	Age-adjusted rate per 1,000 PWDH†	No.	Age-adjusted rate per 1,000 PWDH†	% Change in rate from 2010 to 2017†	No.	Age-adjusted rate per 1,000 PWDH†	% Change in rate from 2010 to 2017†	No.	Age-adjusted rate per 1,000 PWDH†	% Change in rate from 2010 to 2017†	
Gender																
Male	12,323	19.0	5,861	8.8	5,766	9.2	12,256	13.5	-28.9%	4,033	4.5	-48.9%	7,779	8.5	-7.6%	
Female	4,373	20.8	2,208	10.2	1,959	9.6	3,994	14.1	-32.2%	1,466	5.4	-47.1%	2,425	8.3	-13.5%	
Transgender male-to-female§	42	11.4	22	6.2	16	4.7	103	14.8	29.8%	33	4.3	-30.6%	69	10.2	117.0%	
Transgender female-to-male§	0	0	0	0	0	0	4	18.0	—	2	10.7	—	2	7.3	—	
Additional gender identity¶	4	31.9	3	23.2	1	8.7	1	13.8	-56.7%	0	0	-100.0%	1	13.8	58.6%	
Age at death, yrs																
13–24	238	5.4	139	3.1	76	1.7	151	3.5	-35.2%	70	1.6	-48.4%	74	1.7	0%	
25–34	1,164	9.4	714	5.8	384	3.1	1,048	6.5	-30.9%	492	3.0	-48.3%	516	3.2	3.2%	
35–44	3,225	13.5	1,826	7.6	1,215	5.1	1,838	9.4	-30.4%	826	4.2	-44.7%	954	4.9	-3.9%	
45–54	6,247	21.7	3,052	10.6	2,853	9.9	4,470	14.4	-33.6%	1,584	5.1	-51.9%	2,740	8.9	-10.1%	
≥55	5,868	39.9	2,363	16.1	3,214	21.8	8,851	28.9	-27.6%	2,562	8.4	-47.8%	5,992	19.5	-10.6%	
Race/Ethnicity																
American Indian/Alaska Native	71	32.7	24	10.4	38	18.4	44	13.5	-58.7%	8	3.3	-68.3%	30	8.3	-54.9%	
Asian**	69	9.4	31	3.5	30	5.0	88	6.3	-33.0%	27	1.5	-57.1%	42	3.1	-38.0%	
Black/African American	8,076	23.3	4,124	11.5	3,558	10.7	7,197	15.1	-35.2%	2,620	5.6	-51.3%	4,412	9.2	-14.0%	
Hispanic/Latino††	2,642	16.1	1,375	7.9	1,166	7.5	2,694	11.1	-31.1%	955	3.9	-50.6%	1,609	6.6	-12.0%	
Native Hawaiian/Other Pacific Islander**	6	6.4	2	2.1	4	4.3	9	15.0	134.4%	0	0	-100.0%	2	2.5	-41.9%	
White	4,989	16.6	2,061	6.5	2,560	8.7	5,255	13.3	-19.9%	1,546	3.9	-40.0%	3,520	8.9	2.3%	
Multiple races	885	21.5	477	11.4	383	9.4	1,069	19.5	-9.3%	378	7.0	-38.6%	659	12.0	27.7%	
Transmission category§§																
Male adult or adolescent¶¶																
Male-to-male sexual contact	6,413	15.5	3,091	7.1	2,913	7.3	7,010	11.4	-26.5%	2,408	3.9	-45.1%	4,351	7.1	-2.7%	
Injection drug use	2,791	26.3	1,220	11.5	1,446	13.6	2,168	22.7	-13.7%	590	6.2	-46.1%	1,506	15.8	16.2%	
Male-to-male sexual contact and injection drug use	1,343	23.2	679	11.2	612	11.1	1,373	19.1	-17.7%	444	6.1	-45.5%	889	12.6	13.5%	
Heterosexual contact***	1,708	22.0	849	10.6	755	10.1	1,705	16.1	-26.8%	579	5.8	-45.3%	1,046	9.5	-5.9%	
Other†††	114	28.3	47	9.3	58	16.6	104	19.0	-32.9%	44	6.6	-29.0%	57	11.9	-28.3%	
Subtotal	12,369	18.9	5,886	8.7	5,783	9.1	12,360	13.5	-28.6%	4,066	4.5	-48.3%	7,849	8.5	-6.6%	
Female adult or adolescent¶¶																
Injection drug use	1,593	26.6	754	11.9	776	13.2	1,373	21.6	-18.8%	454	7.7	-35.3%	893	13.1	-0.8%	
Heterosexual contact***	2,719	18.5	1,415	9.2	1,166	8.4	2,553	12.0	-35.1%	974	4.6	-50.0%	1,506	7.1	-15.5%	
Other†††	61	15.3	39	8.6	17	6.1	72	16.2	5.9%	40	7.0	-18.6%	27	8.9	45.9%	
Subtotal	4,373	20.8	2,208	10.2	1,959	9.6	3,998	14.1	-32.2%	1,468	5.4	-47.1%	2,427	8.3	-13.5%	

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U.S. region of residence at time of death																
Midwest	1,933	20.5	828	8.4	826	9.1	1,901	14.1	-31.2%	602	4.4	-47.6%	1,263	9.4	3.3%	
Northeast	4,287	18.2	1,890	7.8	2,260	9.8	3,689	12.0	-34.1%	941	3.2	-59.0%	2,576	8.2	-16.3%	
South	8,098	22.3	4,229	11.2	3,469	10.0	8,040	15.5	-30.5%	3,092	6.0	-46.4%	4,822	9.2	-8.0%	
West	2,424	14.2	1,147	6.7	1,187	7.0	2,728	11.4	-19.7%	899	3.9	-41.8%	1,615	6.6	-5.7%	
Total	16,742	19.4	8,094	9.1	7,742	9.3	16,358	13.6	-29.9%	5,534	4.7	-48.4%	10,276	8.5	-8.6%	

Abbreviation: PWDH = persons with diagnosed HIV infection.

* HIV-related deaths include deaths with an underlying cause with an *International Classification of Diseases, Tenth Revision*, code of B20–B24, O98.7, or R75. Non-HIV-related deaths include all other deaths with a known underlying cause. Deaths with an unknown underlying cause are excluded.

† PWDH includes persons living with HIV infection at the end of the calendar year plus the number of diagnoses of HIV infection during the current calendar year. Rates age-adjusted by using the U.S. 2000 standard population. Rates presented by age at time of death are not age-adjusted. Rates and percentage change calculated on the basis of <12 deaths are considered unstable and should be interpreted with caution.

§ "Transgender male-to-female" includes persons who were assigned "male" sex at birth but have ever identified as "female." "Transgender female-to-male" includes persons who were assigned "female" sex at birth but have ever identified as "male."

¶ Additional gender identity examples include "bigender," "gender queer," and "two-spirit."

** Data by cause of death should be interpreted with caution because <85% of reported 2017 deaths were reported with a known underlying cause of death.

†† Hispanics/Latinos can be of any race.

§§ Data have been statistically adjusted to account for missing transmission category; therefore, values might not sum to column subtotals and total.

¶¶ Data presented are based on sex at birth and include transgender persons.

*** Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

††† Includes hemophilia, blood transfusion, perinatal, and risk factor not reported or not identified.