

TABLE 2 cont. Epidemiological Profiles of Incident HIV Cases, U.S. Armed Forces, 1990–2024

Characteristics	Expanded Testing and Prevention 2005–2013			Modern Era: Ending the HIV Epidemic 2014–2024		
	Persons Tested (n)	HIV+ Cases (n)	Rate <sup>a</sup>	Persons Tested (n)	HIV+ Cases (n)	Rate <sup>a</sup>
Total	13,300,592	3,072	23.1	14,548,808	3,301	22.7
Sex						
Male	11,265,323	2,985	26.5	11,909,232	3,221	27.0
Female	2,035,269	87	4.3	2,639,576	80	3.0
Age group, y						
<20	1,391,009	178	12.8	1,617,701	180	11.1
20–24	4,142,734	1,080	26.1	4,271,426	1,285	30.1
25–29	2,778,136	751	27.0	3,061,048	939	30.7
30–34	1,735,649	367	21.1	2,166,795	479	22.1
35–39	1,429,227	322	22.5	1,605,230	238	14.8
≥40	1,823,837	374	20.5	1,826,608	180	9.9
Race and ethnicity						
White, non-Hispanic	8,466,968	903	10.7	8,316,807	790	9.5
Black, non-Hispanic	2,056,084	1,574	76.6	2,321,903	1,678	72.3
Hispanic	1,515,221	354	23.4	2,352,428	531	22.6
Other/unknown	1,262,319	241	19.1	1,557,670	302	19.4
Education level						
High school or less	9,149,428	2,349	25.7	8,948,593	2,414	27.0
Some college	1,534,288	299	19.5	1,997,288	420	21.0
Bachelor's or advanced degree	2,253,703	370	16.4	3,098,989	373	12.0
Other/unknown	363,173	54	14.9	503,938	94	18.7
Marital status						
Single, never married	6,101,069	2,115	34.7	7,274,462	2,261	31.1
Married	6,546,514	786	12.0	6,528,776	879	13.5
Other/unknown	653,009	171	26.2	745,570	161	21.6
Rank, grade						
Junior enlisted (E1–E4)	6,415,240	1,599	24.9	6,907,286	1,935	28.0
Senior enlisted (E5–E9)	4,927,008	1,215	24.7	5,316,999	1,143	21.5
Junior officer (O1–O3)	1,013,281	131	12.9	1,249,807	157	12.6
Senior officer (O4–O10)	774,314	108	13.9	867,452	54	6.2
Warrant officer (W01–W05)	170,749	19	11.1	207,264	12	5.8
Military occupation						
Combat-specific (infantry/artillery/combat engineering/armor)	1,908,942	256	13.4	1,794,355	335	18.7
Motor transport	504,772	114	22.6	532,187	208	39.1
Pilot/air crew	493,510	36	7.3	494,219	32	6.5
Repair/engineering	3,318,343	622	18.7	3,632,135	785	21.6
Communications/intelligence	2,728,240	955	35.0	2,941,905	887	30.2
Health care	999,519	380	38.0	1,135,325	302	26.6
Other	3,347,266	709	21.2	4,018,682	752	18.7
Service branch						
Army	6,264,925	1,558	24.9	6,868,443	1,844	26.8
Marine Corps	1,641,934	238	14.5	1,639,280	266	16.2
Navy	2,614,522	797	30.5	2,624,722	701	26.7
Air Force	2,572,276	447	17.4	3,171,076	470	14.8
Coast Guard <sup>b</sup>	206,935	32	15.5	245,287	20	8.2
Component						
Active	9,322,536	1,984	21.3	9,660,963	1,958	20.3
Guard	2,139,806	478	22.3	2,782,882	731	26.3
Reserve	1,838,250	610	33.2	2,104,963	612	29.1

Abbreviations: HIV, human immunodeficiency virus; HAART, highly active antiretroviral therapy; n, number; HIV+, HIV-positive; y, years; E, enlisted; O, officer.

<sup>a</sup>Rate per 100,000 persons tested.

<sup>b</sup>Due to incomplete or unavailable specimen and HIV testing results, data for Coast Guard are not available prior to 1996, nor for Air Force prior to 2006.