

AIDS Education And Training Centers (AETC) Program

Annual Data Report

2019

Reporting Years:

**2014–2015, 2015–2016, 2016–2017,
2017–2018, 2018–2019**



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Data are presented for training events and event participants reported by AETC Program grant recipients from July 2014 through June 2019.

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Information about the Ryan White HIV/AIDS Program: hab.hrsa.gov

Educational and technical assistance materials about HIV infection and the Ryan White HIV/AIDS Program: targetshiv.org

Information about the AETC National Resource Center: aidsetc.org

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COMMENTARY

As a component of the Ryan White HIV/AIDS Treatment Extension Act of 2009 (Public Law 111-87 under Section 2692 of the Public Health Service [PHS] Act 42 U.S.C. 300ff-111(a); now called the Ryan White HIV/AIDS Program [RWHAP]), the AIDS Education and Training Centers (AETCs) Program is administered by the HIV/AIDS Bureau (HAB) of the Health Resources and Services Administration (HRSA) and consists of the following programs:

1. The Regional AETCs train health care providers to counsel, diagnose, treat, and medically manage people with HIV and to help prevent HIV transmission.
2. The National Coordinating Resource Center (NCRC) AETC, a national AETC, serves as the coordinator and disseminator of the work of the eight Regional AETC Programs. The NCRC supports the National HIV Curriculum (NHC) development, dissemination, and optimal utilization of the NHC across the United States and its territories. The NHC offers free online HIV continuing education for novice-to-expert health professionals, students, and faculty. The AETC National Clinician Consultation Center provides timely and appropriate responses to clinical questions related to HIV infection and other infectious diseases and comorbidities.

The Regional AETC Program's work aims to (1) increase the size and strengthen the skills of the current HIV clinical workforce in the United States; (2) improve outcomes along the HIV care continuum, including diagnosis, linkage to care, retention in care, and viral suppression; and (3) decrease HIV transmission and, ultimately, reduce HIV incidence by training the frontline workforce.

Furthermore, the RWHAP AETC Program provides funding for training and capacity building among racial and ethnic minority providers and minority-serving health professionals and for capacity building to address the disproportionate impact of HIV on racial and ethnic minority populations through the Minority AIDS Initiative.

The primary audiences for trainings conducted by the RWHAP Regional AETCs are novice and low-volume HIV treatment providers, allied health professionals, and health care support staff who treat people with HIV and those who are at high risk for HIV. Trainings also are intended for traditional prescribers (e.g., physicians, physician assistants, nurse practitioners) and other health professionals (e.g., dentists, psychiatrists, pharmacists).

To strengthen the HIV workforce, the RWHAP Regional AETCs offer training on a variety of topics, including, but not limited to, HIV-related basic science and epidemiology, interpretation of HIV drug-resistance testing, and management of antiretroviral medications. The Regional AETCs train across many practice settings, from health centers and mental health clinics to community-based organizations and providers in private practice. Training events within the Regional AETC programs are conducted through different modalities and are based on adult learning theory. The types of training interactions include clinical training, group and individual clinical consultations, skills building, technical assistance, didactic presentations, and any combination of these interactions.

The data in this report summarize the activities and work of the RWHAP Regional AETC Programs from July 2014 through June 2019. In September 2015, the number of Regional AETCs was reduced from 11 to eight. At that time, priorities shifted within the RWHAP AETC Program to increase emphasis on improving systems of care to drive health outcomes through practice transformation and inter-professional education. The reduced number of events and training participants displayed in the report tables for data beginning September 2015 may reflect these changes to the RWHAP AETC Program.

RWHAP AETC Program recipients submit data to HRSA HAB that correspond to a specific data collection period each year, which can change from year to year. Specifically, the July 2014–August 2015 and September 2015–June 2016 reporting periods differ from other reporting periods.

REPORT CHANGES

This report updates the most recent AETC Program Annual Data Report with two new years of data: July 2017–June 2018 and July 2018–June 2019. Overall, the data are presented for five reporting periods: July 2014–August 2015, September 2015–June 2016, July 2016–June 2017, July 2017–June 2018, and July 2018–June 2019.

Changes to Event Record and Participant Information Form Data

During the July 2016–June 2017 reporting period, a new Event Record (ER) data collection form was implemented, which resulted in the concurrent use of old and new forms during the transition. Because the event categories differed across the two forms, categories from the new form were cross-walked to the most appropriate corresponding category in the earlier ER form for the July 2016–June 2017 event data presented in this report (**Table 2a**).

Similar to the ER form changes during the July 2016–June 2017 reporting period, Participant Information Form (PIF) changes also were implemented in the reporting period; however, the new participant data categories could not be cross-walked to the previous variables. Therefore, participant data are not available for the July 2016–June 2017 reporting period. Tables displaying participant data over a 5-year period do not show data for July 2016–June 2017 (**Tables 1, 3, 6, and 8**).

Single-Year Report Table Changes

Data tables typically displaying only the “most recent data year” each have an “a” and “b” table in this report to provide single-year data for each of the two years of previously unpublished data. Data for July 2017–June 2018 are displayed in **Tables 4a, 5a, and 7a** and for July 2018–June 2019 in **Tables 4b, 5b, and 7b**.

Multiyear Report Table Changes

Tables displaying five years of data have been modified to accommodate the significant changes in the ER and PIF.

Table 2: Event data, by year and training topic, other support, collaborating organization, and training modality: Data have been separated into an “a” and “b” table according to the categories in each form.

Table 2a displays data for three reporting periods: July 2014–August 2015, September 2015–June 2016, and July 2016–June 2017 (cross-walked data in the latest year). **Table 2b** displays data for two reporting periods: July 2017–June 2018 and July 2018–June 2019.

Table 3: Participant data, by year and selected characteristics: Categories are combined where the definitions between forms match one another exactly over the 5-year period displayed. Dashes denote that a category did not apply for that period.

Table 6: Participant data, by year and selected service delivery characteristics: This report combines tables 6 and 7 from the previous annual report. The new **Table 6** includes information on all participants (from old table 6) at the top of the table and information on participants who provide direct services to people with HIV (from old table 7) in the remainder of the table. Data categories are presented for the years in which they were included on the PIF. Because of form changes, PIF data are not available for the July 2016–June 2017 reporting period.

Table 8: Participant data, by year and employment setting: Old table 9 from prior annual reports is now **Table 8**. Data categories are presented for the years in which they were included on the PIF. Geographic work setting(s) changed with the updated PIF. Data presented for the earlier years use participant-identified rural/urban classification of primary work settings. In the later years, participants reported up to five ZIP codes for their work setting(s). Data presented for these years use rural/urban classifications of ZIP codes reported by participants, according to the [HRSA Federal Office of Rural Health Policy's Rural-Urban Commuting Area \(RUCA\)](#) designation and identify participants who work only in rural settings, both in rural and suburban/urban settings, or only in suburban/urban settings.

HIGHLIGHTS OF ANALYSES

Unless otherwise specified, the highlights presented are the **averages** across the 5-year period from July 2014 through June 2019. Readers are encouraged to review all table titles and footnotes carefully to ensure a complete understanding of the displayed data.

Training Events

From July 2014 through June 2019, AETCs conducted a total of 51,765 training events, averaging 10,353 training events per year and reaching an average of 60,000 unique participants each year (range: 50,645–79,176; **Table 1**). As noted previously, participant data are not available for July 2016 through June 2017 because of changes in reporting.

Training Event Topics and Modalities

Most Frequent Training Event Topics

The topics most frequently presented in AETC training events from July 2014 through June 2016 were antiretroviral treatment (ART; presented in an average of 50% of training events during those years) and medication adherence (37% of events) (**Table 2a**). Other frequently presented topics included comorbidities (32% of events), HIV routine laboratory tests (28%), and clinical manifestations of HIV disease (27%). These training topics are not mutually exclusive; AETC training events typically include more than one topic. Because of the modifications made to the data collection tool—Participant Information Forms (PIFs) and Event Record (ER)—during the July 2016–June 2017 reporting period, the proportions in the training frequencies during that period shifted (see **Table 2a**).

The topics most frequently presented in AETC training events from July 2017 through June 2019 were ART adherence, including viral load suppression (presented in 30% of training events during those years); pre-exposure prophylaxis (PrEP; 28% of events); adult and adolescent ART (28%); and HIV diagnosis—that is, HIV testing (28%) (**Table 2b**). Other frequently presented topics included linkage to care (27%) and cultural competence (24%).

Priority Populations

Training topics from July 2014 through June 2016 focused on many priority populations of people with HIV, including racial and ethnic minorities (28%); women (23%); and gay, lesbian, bisexual, and transgender populations (23%) (**Table 2a**). Training topics from July 2017 through June 2019 similarly focused on gay, lesbian, bisexual, or transgender populations (25%); young adults (20%); the Black or African American population (21%); and women (20%) (**Table 2b**).

Training Modalities

The training modalities or technologies used most frequently from July 2014 through June 2016 were lectures/workshops (average, 41%), followed by chart and/or case reviews (average, 37%) and telephone/conference calls (average, 20%) (**Table 2a**). The training modalities or technologies used most frequently from July 2017 through June 2019 were coaching for organizational capacity building (27%), in-person interactive presentations (24%), and didactic presentations (19%) (**Table 2b**).

RWHAP AETC Program Training Participants

To improve the quality of health care provided by the HIV health care workforce and increase access to high-quality HIV care for vulnerable and underserved populations, AETCs concentrate on reaching professionals who have direct patient care responsibilities for people with HIV, especially those who serve racial and ethnic minority patients and those working at RWHAP- and HRSA-supported clinical health centers.

The majority of AETC participants during the period of July 2014 through June 2019 self-identified as White (52%), followed by Black (20%) and Hispanic/Latino (16%). Nearly three-quarters of AETC participants were female, whereas 25% of participants were male, and less than 1% of participants were transgender (**Table 3**).

Nurses and advanced practice nurses accounted for 26% of AETC participants from July 2014 through June 2019, whereas physicians accounted for 15% of AETC participants. Social workers accounted for 11% of AETC participants. Participants reported their primary functional roles within their organization. The most commonly reported roles were care provider/clinician (33%) and case manager (13%) (**Table 3**).

In 2017, across all racial and ethnic groups, with the exception of Asians and Hispanics/Latinos, nurses accounted for the highest percentage of participants. Among Asians, the highest percentage of participants were physicians (36%), and among Hispanics/Latinos, the highest percentage of participants were social workers (17%) (**Table 4a**).

In 2017, the highest percentages of profession by gender were as follows: Among males, 29% were physicians; among females, 29% were nurses; and among transgender people, 25% were community health workers (**Table 5a**).

In 2018, nurses accounted for the highest percentage of participants among American Indian/Alaskan Natives (21%), Native Hawaiian/Pacific Islanders (28%), and White participants (29%). Among Asians, the highest percentage of participants were physicians (35%). Among Blacks/African Americans and Hispanic/Latinos, the highest percentages of participants were social workers (20% and 18%, respectively) (**Table 4b**).

In 2018, the highest percentages of profession by gender were as follows: Among males, 28% were physicians; among females, 28% were nurses; and among transgender people, 35% were community health workers (**Table 5b**).

Service Delivery of RWHAP AETC Program Participants

RWHAP Regional AETC programs train and support clinicians and health care professionals who provide direct care and services to patients. During the period July 2014 through June 2019, the majority of participants (74%) provided direct clinical services. During the period July 2017 through June 2019, more than half the participants (56%) provided HIV prevention counseling and testing services, and 21% prescribed PrEP (**Table 6**).

Service Delivery to People with HIV

From July 2014 through June 2019, an average of 66% of AETC participants provided direct services to people with HIV (**Table 6**).

Approximately half of AETC participants from July 2014 through June 2019 had patient populations of people with HIV composed of at least 50% racial/ethnic minorities (**Table 6**).

During both the July 2017–June 2018 and July 2018–June 2019 reporting periods, the number of years of experience providing direct care to people with HIV varied by the race and ethnicity of participants.

- During July 2017–June 2018, on average, approximately 21% of participants across all races and ethnicities reported 1 year or less of experience serving people with HIV. Approximately 40% of White and Black/African American participants each reported 10 or more years of service to people with HIV, compared with a range of 30% to 36% among participants of other races and ethnicities (**Table 7a**).
- During July 2018–June 2019, approximately 23% of participants across all races and ethnicities reported 1 year or less of experience serving people with HIV. Approximately 38% of White and Black/African American participants each reported 10 or more years of service to people with HIV, compared with a range of 28% to 35% among participants of other races and ethnicities (**Table 7b**).

Employment Setting of RWHAP AETC Participants

The employment setting most frequently reported by AETC participants from July 2018 through June 2019 was academic health center (17%), followed by HIV or infectious diseases clinic (16%), federally qualified health center (13%), other community-based organization (13%), and state or local health department (11%) (**Table 8**).

From July 2014 through June 2019, the primary employment setting for most of the AETC participants was in a suburban/urban area (84%). On average, nearly half (48%) of AETC participants worked in an RWHAP-funded employment setting (**Table 8**).

TECHNICAL NOTES

Each year, RWHAP AETC Program grant recipients report data to HRSA HAB about the sponsored training events and the participants who attended those events in the United States, Guam, Puerto Rico, and the U.S. Virgin Islands.

Information collected on training events includes the topics covered, names of collaborating organizations, types of funds used from special initiatives, type and length of sessions, training modalities or technologies used, the total number of participants in attendance, and the total number of PIFs collected from participants.

Information collected on participants includes demographic information (e.g., profession, functional role, race/ethnicity, and gender). In addition, information on participants' employment settings is collected (e.g., if the setting is in a rural or suburban/urban area, if the setting is a faith-based organization [for data through June 2016 only], if the setting receives RWHAP funding, and the ZIP code of the setting). Patient care information also is collected from participants (e.g., if they provide services directly to people with HIV and, if so, how many years of experience they have been providing such services; the average number of people with HIV they serve; and percentage estimates of clients to whom they provide services that meet certain characteristics—for example, those who are of racial/ethnic minorities or are receiving ART therapy).

Data are submitted to HRSA HAB each year and contain information on all activities that occurred during a specific time frame. During the July 2016–June 2017 data collection period, HRSA HAB implemented new PIF and ER data forms. The switch between tools resulted in the concurrent use of both forms during the transition period, as well as inconsistencies in participant data collection. Therefore, reliable participant information for that reporting period is not available.

Table 1. RWHAP AIDS Education and Training Centers (AETC) Program training events and participants by year, July 2014–June 2019—United States and 3 territories

| Year | Events | Participants ^a |
|--------------------------|--------|---------------------------|
| July 2014–August 2015 | 14,309 | 79,176 |
| September 2015–June 2016 | 7,274 | 50,645 |
| July 2016–June 2017 | 9,892 | — |
| July 2017–June 2018 | 10,506 | 55,219 |
| July 2018–June 2019 | 9,784 | 56,124 |

^a Participant data unavailable for July 2016–June 2017.

Table 2a. RWHAP AIDS Education and Training Centers (AETC) Program training events by year and training topic, other support, collaborating organization, and training modality, July 2014–June 2017—United States and 3 territories

| Training topic | July 2014–August 2015 | | September 2015–June 2016 | | July 2016–June 2017 ^a | |
|---|-----------------------|----------------------|--------------------------|----------------------|----------------------------------|----------------------|
| | No. | % of training events | No. | % of training events | No. | % of training events |
| Most frequently presented training topics | | | | | | |
| Antiretroviral treatment | 7,265 | 51.0 | 3,577 | 49.3 | 3,226 | 35.3 |
| Basic science/epidemiology | 3,289 | 23.1 | 1,905 | 26.3 | 2,493 | 27.3 |
| Clinical manifestations of HIV disease | 3,980 | 27.9 | 1,845 | 25.4 | 2,132 | 23.3 |
| Comorbidities | 4,516 | 31.7 | 2,279 | 31.4 | 2,894 | 31.7 |
| Hepatitis A, B, C | 3,278 | 23.0 | 1,553 | 21.4 | 2,076 | 22.7 |
| HIV routine lab test | 4,137 | 29.0 | 1,935 | 26.7 | 2,215 | 24.2 |
| Medication adherence | 5,344 | 37.5 | 2,596 | 35.8 | 697 | 7.6 |
| Non-ART treatment | 2,858 | 20.1 | 1,322 | 18.2 | 338 | 3.7 |
| Nutrition | 1,076 | 7.6 | 394 | 5.4 | 417 | 4.6 |
| Opportunistic infections | 3,395 | 23.8 | 1,545 | 21.3 | 1,493 | 16.3 |
| Oral health | 1,078 | 7.6 | 380 | 5.2 | 485 | 5.3 |
| Pediatric HIV management/perinatal transmission | 1,166 | 8.2 | 623 | 8.6 | 763 | 8.3 |
| Pre/post-exposure prophylaxis (occupational and non-occupational) | 2,754 | 19.3 | 1,881 | 25.9 | 3,032 | 33.2 |
| Reproductive health | 1,574 | 11.1 | 699 | 9.6 | 675 | 7.4 |
| Resistance/genotype-phenotype interpretation | 2,922 | 20.5 | 1,403 | 19.4 | 406 | 4.4 |
| Routine primary care screenings | 3,588 | 25.2 | 1,703 | 23.5 | 494 | 5.4 |
| Health care organization and delivery issues | | | | | | |
| Agency needs assessment | 1,187 | 8.3 | 731 | 10.1 | 750 | 8.2 |
| Community linkages | 2,766 | 19.4 | 1,719 | 23.7 | 2,383 | 26.1 |
| Cultural competence | 2,135 | 15.0 | 1,195 | 16.5 | 2,108 | 23.1 |
| Education development/delivery | 1,923 | 13.5 | 1,254 | 17.3 | 465 | 5.1 |
| Grant issues | 464 | 3.3 | 321 | 4.4 | 101 | 1.1 |
| Health literacy | 1,064 | 7.5 | 602 | 8.3 | 1,205 | 13.2 |
| Health organization and finances | 423 | 3.0 | 365 | 5.0 | 141 | 1.5 |
| Health care development/clinical service coordination | 1,971 | 13.8 | 1,281 | 17.7 | 462 | 5.1 |
| HIPAA/confidentiality | 1,050 | 7.4 | 624 | 8.6 | 892 | 9.8 |
| Quality improvement | 2,290 | 16.1 | 1,139 | 15.7 | 1,710 | 18.7 |
| Resource allocation | 932 | 6.5 | 617 | 8.5 | 678 | 7.4 |
| Risk assessment | 3,438 | 24.1 | 1,947 | 26.9 | 2,349 | 25.7 |
| Risk reduction/harm reduction | 3,795 | 26.6 | 2,054 | 28.3 | 1,729 | 18.9 |
| Routine HIV testing | 3,383 | 23.8 | 1,849 | 25.5 | 1,633 | 17.9 |
| Technology | 689 | 4.8 | 452 | 6.2 | 656 | 7.2 |
| Psychosocial issues | | | | | | |
| Mental health | 3,110 | 21.8 | 1,486 | 20.5 | 1,480 | 16.2 |
| Substance abuse | 2,751 | 19.3 | 1,528 | 21.1 | 1,337 | 14.6 |
| Priority populations | | | | | | |
| Children (Ages 0–12 years) | 648 | 4.6 | 353 | 4.9 | 416 | 4.6 |
| Adolescents (Ages 13–24 years) | 1,872 | 13.1 | 1,122 | 15.5 | 2,126 | 23.3 |
| Older adults (Ages 50 years and over) | 2,308 | 16.2 | 1,330 | 18.3 | 1,934 | 21.2 |
| Racial or ethnic minorities | 3,752 | 26.3 | 2,204 | 30.4 | 2,741 | 30.0 |
| Women | 3,049 | 21.4 | 1,730 | 23.9 | 2,133 | 23.3 |
| Gay, lesbian, bisexual, or transgender | 2,954 | 20.7 | 1,865 | 25.7 | 2,507 | 27.4 |
| Homeless or unstably housed | 1,617 | 11.4 | 1,051 | 14.5 | 1,244 | 13.6 |
| Immigrant or border populations | 1,268 | 8.9 | 809 | 11.2 | 796 | 8.7 |
| Incarcerated individuals | 1,523 | 10.7 | 683 | 9.4 | 727 | 8.0 |
| Rural populations | 2,174 | 15.3 | 1,249 | 17.2 | 1,340 | 14.7 |
| Other specific populations | 415 | 2.9 | 210 | 2.9 | 337 | 3.7 |
| Number of events | 14,241 | — | 7,250 | — | 9,141 | — |

Table 2a. RWHP AIDS Education and Training Centers (AETC) Program training events by year and training topic, other support, collaborating organization, and training modality, July 2014–June 2017—United States and 3 territories (cont.)

| | July 2014–August 2015 | | September 2015–June 2016 | | July 2016–June 2017 ^a | |
|--|-----------------------|----------------------|--------------------------|----------------------|----------------------------------|----------------------|
| | No. | % of training events | No. | % of training events | No. | % of training events |
| Other support | | | | | | |
| Most frequent additional funding sources | | | | | | |
| American Indian/Alaska Native Initiative | 137 | 1.0 | 107 | 1.5 | 11 | 0.2 |
| Border Health Initiative | 58 | 0.4 | 28 | 0.4 | 9 | 0.2 |
| Minority AIDS Initiative (MAI) | 4,646 | 32.6 | 2,043 | 29.0 | 2,652 | 59.3 |
| None of the above | 9,426 | 66.2 | 4,870 | 69.1 | 1,798 | 40.2 |
| Number of events | 14,247 | — | 7,048 | — | 4,470 | — |
| Collaborating organization | | | | | | |
| None | 8,986 | 63.5 | 4,111 | 58.2 | 1,549 | 32.7 |
| Other AETCs | 553 | 3.9 | 131 | 1.9 | 36 | 0.8 |
| Delta | 3 | <0.1 | 3 | <0.1 | 0 | 0.0 |
| Florida/Caribbean | 34 | 0.2 | 5 | 0.1 | 4 | 0.1 |
| Midwest | 68 | 0.5 | 18 | 0.3 | 4 | 0.1 |
| Mountain Plains | 17 | 0.1 | 3 | <0.1 | 2 | <0.1 |
| New England | 64 | 0.5 | 17 | 0.2 | 17 | 0.4 |
| New York/New Jersey | 4 | <0.1 | 7 | 0.1 | 4 | 0.1 |
| Northwest | 5 | <0.1 | 5 | 0.1 | 0 | 0.0 |
| Pacific | 4 | <0.1 | 11 | 0.2 | 1 | <0.1 |
| Pennsylvania/Mid-Atlantic | 63 | 0.4 | 6 | 0.1 | 2 | <0.1 |
| Southeast | 19 | 0.1 | 11 | 0.2 | 2 | <0.1 |
| Texas/Oklahoma | 69 | 0.5 | 54 | 0.8 | 5 | 0.1 |
| National Clinician Consultation Center (NCCC) | 5 | <0.1 | 0 | 0.0 | 0 | 0.0 |
| National Multi-Cultural Center (NMCC) | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| National Resource Center (NRC) | 9 | 0.1 | 6 | 0.1 | 2 | <0.1 |
| National Evaluation Center (NEC) | 0 | 0.0 | 1 | <0.1 | 1 | <0.1 |
| Capacity Building Assistance for Community Health Centers | 204 | 1.4 | 5 | 0.1 | 0 | 0.0 |
| Other training centers | 293 | 2.1 | 62 | 0.9 | 123 | 2.6 |
| Addiction Technology Transfer Center (ATTC) | 37 | 0.3 | 16 | 0.2 | 12 | 0.3 |
| Area Health Education Center (AHEC) | 179 | 1.3 | 29 | 0.4 | 40 | 0.8 |
| Prevention Training Center (PTC) | 80 | 0.6 | 18 | 0.3 | 64 | 1.4 |
| Regional Training Center (RTC) | 17 | 0.1 | 7 | 0.1 | 1 | <0.1 |
| TB Training Center | 17 | 0.1 | 6 | 0.1 | 11 | 0.2 |
| Other agencies | 4,801 | 33.9 | 2,822 | 40.0 | 3,097 | 65.5 |
| Agencies funded by Ryan White HIV/AIDS Program | 2,354 | 16.6 | 1,323 | 18.7 | 1,434 | 30.3 |
| AIDS community-based organizations | 607 | 4.3 | 470 | 6.7 | 486 | 10.3 |
| College/university/health professions school | 1,272 | 9.0 | 798 | 11.3 | 843 | 17.8 |
| Community health center | 1,343 | 9.5 | 838 | 11.9 | 995 | 21.0 |
| Corrections | 269 | 1.9 | 113 | 1.6 | 95 | 2.0 |
| Faith-based organization | 112 | 0.8 | 42 | 0.6 | 28 | 0.6 |
| Historically Black College or University/ Hispanic-serving institution/tribal college or university | 139 | 1.0 | 203 | 2.9 | 179 | 3.8 |
| Hospital/hospital-based clinic | 1,767 | 12.5 | 748 | 10.6 | 775 | 16.4 |
| Tribal health organizations | 83 | 0.6 | 123 | 1.7 | 141 | 3.0 |
| Number of events (all collaborating organizations) | 14,162 | — | 7,059 | — | 4,730 | — |
| Training modality | | | | | | |
| Training modalities or technologies applied in the event | | | | | | |
| Chart/case review | 5,722 | 40.9 | 2,166 | 32.8 | 553 | 19.8 |
| Clinical preceptorship/mini-residency | 1,951 | 14.0 | 1,051 | 15.9 | 353 | 12.7 |
| Computer-based | 2,072 | 14.8 | 1,044 | 15.8 | 500 | 17.9 |
| Conference call/telephone | 3,262 | 23.3 | 1,093 | 16.6 | 439 | 15.7 |
| Lecture/workshop | 5,175 | 37.0 | 2,936 | 44.5 | 866 | 31.0 |
| Role play/simulation | 798 | 5.7 | 470 | 7.1 | 665 | 23.8 |
| Self-study | 434 | 3.1 | 150 | 2.3 | 100 | 3.6 |
| Telemedicine | 416 | 3.0 | 146 | 2.2 | 41 | 1.5 |
| Webcast/webinar | 915 | 6.5 | 318 | 4.8 | 129 | 4.6 |
| Number of events | 13,974 | — | 6,594 | — | 2,790 | — |

Abbreviations: ART, antiretroviral therapy; HIPAA, Health Insurance Portability and Accountability Act; TB, tuberculosis

Notes: Training topic, other support, collaborating organization, training modality categories are not mutually exclusive. Subtotals for each represent the number of unique events and serve as the denominators for percentage calculations.

^a During the July 2016–June 2017 data collection period, a new Event Record data form was implemented. The switch between tools resulted in the concurrent use of old and new forms during the transition period. Because of differences between forms, the events for this period have been cross-walked to the earlier form for this table.

Table 2b. RWHAP AIDS Education and Training Centers (AETC) Program training events by year and training topic, other support, collaborating organization, and training modality, July 2017–June 2019—United States and 3 territories

| Training topic | July 2017–June 2018 | | July 2018–June 2019 | |
|--|---------------------|----------------------|---------------------|----------------------|
| | No. | % of training events | No. | % of training events |
| HIV prevention | | | | |
| Behavioral prevention | 1,938 | 18.5 | 1,932 | 19.8 |
| Harm reduction/safe injection | 1,260 | 12.0 | 1,153 | 11.8 |
| HIV transmission risk assessment | 2,443 | 23.3 | 2,190 | 22.4 |
| Post-exposure prophylaxis (PEP, occupational and nonoccupational) | 1,545 | 14.7 | 1,501 | 15.4 |
| Pre-exposure prophylaxis (PrEP) | 2,979 | 28.4 | 2,761 | 28.3 |
| Prevention of perinatal or mother-to-child transmission | 812 | 7.7 | 675 | 6.9 |
| Other biomedical prevention | 516 | 4.9 | 384 | 3.9 |
| HIV background and management | | | | |
| Acute HIV | 1,416 | 13.5 | 1,174 | 12.0 |
| Adult and adolescent antiretroviral treatment | 2,837 | 27.1 | 2,890 | 29.6 |
| Aging and HIV | 1,055 | 10.1 | 948 | 9.7 |
| Antiretroviral treatment adherence, including viral load suppression | 3,078 | 29.4 | 2,889 | 29.6 |
| Basic science | 2,068 | 19.7 | 1,811 | 18.6 |
| Clinical manifestations of HIV disease | 1,986 | 18.9 | 1,893 | 19.4 |
| HIV diagnosis (i.e., HIV testing) | 2,945 | 28.1 | 2,715 | 27.8 |
| HIV epidemiology | 1,927 | 18.4 | 1,698 | 17.4 |
| HIV monitoring and lab tests (i.e., CD4 and viral load) | 2,475 | 23.6 | 2,252 | 23.1 |
| HIV resistance testing and interpretation | 1,572 | 15.0 | 1,395 | 14.3 |
| Linkage to care | 2,819 | 26.9 | 2,570 | 26.3 |
| Pediatric HIV management | 277 | 2.6 | 194 | 2.0 |
| Retention and/or re-engagement in care | 2,204 | 21.0 | 1,944 | 19.9 |
| Primary care and comorbidities | | | | |
| Cervical cancer screening, including HPV | 370 | 3.5 | 299 | 3.1 |
| Hepatitis B | 858 | 8.2 | 759 | 7.8 |
| Hepatitis C | 1,914 | 18.3 | 1,718 | 17.6 |
| Immunization | 666 | 6.4 | 708 | 7.3 |
| Influenza | 265 | 2.5 | 269 | 2.8 |
| Malignancies | 448 | 4.3 | 357 | 3.7 |
| Medication-assisted therapy for substance use disorders | 459 | 4.4 | 518 | 5.3 |
| Mental health disorders | 1,352 | 12.9 | 1,241 | 12.7 |
| Non-infection comorbidities of HIV or viral hepatitis | 1,298 | 12.4 | 1,101 | 11.3 |
| Nutrition | 441 | 4.2 | 307 | 3.1 |
| Opportunistic infections | 1,434 | 13.7 | 1,207 | 12.4 |
| Oral health | 444 | 4.2 | 327 | 3.4 |
| Osteoporosis | 208 | 2.0 | 195 | 2.0 |
| Pain management | 244 | 2.3 | 309 | 3.2 |
| Palliative care | 97 | 0.9 | 99 | 1.0 |
| Primary care screenings | 1,579 | 15.1 | 1,364 | 14.0 |
| Reproductive health, including preconception planning | 757 | 7.2 | 591 | 6.1 |
| Sexually transmitted infections | 2,134 | 20.4 | 2,113 | 21.6 |
| Substance use disorders | 1,508 | 14.4 | 1,488 | 15.2 |
| Tobacco cessation | 470 | 4.5 | 331 | 3.4 |
| Tuberculosis | 322 | 3.1 | 259 | 2.7 |
| Issues related to care of people with HIV | | | | |
| Cultural competence | 2,790 | 26.6 | 2,091 | 21.4 |
| Health literacy | 1,742 | 16.6 | 1,308 | 13.4 |
| Low English proficiency | 391 | 3.7 | 276 | 2.8 |
| Motivational interviewing | 1,328 | 12.7 | 923 | 9.5 |
| Stigma or discrimination | 2,360 | 22.5 | 2,210 | 22.6 |
| Education | | | | |
| Adult learning principles | 963 | 9.2 | 880 | 9.0 |
| Best practices in training | 1,870 | 17.8 | 1,389 | 14.2 |
| Curriculum development | 924 | 8.8 | 910 | 9.3 |
| Use of technology for education | 1,068 | 10.2 | 367 | 3.8 |
| Health care organization or systems issues | | | | |
| Billing for services and payment models | 724 | 6.9 | 417 | 4.3 |
| Case management | 1,453 | 13.9 | 1,236 | 12.7 |
| Community linkages | 2,199 | 21.0 | 1,758 | 18.0 |
| Confidentiality/HIPAA | 871 | 8.3 | 632 | 6.5 |
| Coordination of care | 2,338 | 22.3 | 1,930 | 19.8 |
| Funding or resource allocation | 689 | 6.6 | 441 | 4.5 |
| Health insurance coverage | 862 | 8.2 | 696 | 7.1 |
| Legal issues | 466 | 4.4 | 378 | 3.9 |
| Organizational infrastructure | 1,629 | 15.5 | 652 | 6.7 |
| Organizational needs assessment | 1,246 | 11.9 | 448 | 4.6 |
| Patient-centered medical home | 677 | 6.5 | 323 | 3.3 |
| Practice transformation | 1,510 | 14.4 | 767 | 7.9 |
| Quality improvement | 2,244 | 21.4 | 1,278 | 13.1 |
| Team-based care | 1,288 | 12.3 | 1,051 | 10.8 |
| Use of technology for patient care | 748 | 7.1 | 486 | 5.0 |

Table 2b. RWHAP AIDS Education and Training Centers (AETC) Program training events by year and training topic, other support, collaborating organization, and training modality, July 2017–June 2019—United States and 3 territories (cont.)

| | July 2017–June 2018 | | July 2018–June 2019 | |
|---|---------------------|----------------------|---------------------|----------------------|
| | No. | % of training events | No. | % of training events |
| Priority populations | | | | |
| Children (Ages 0–12 years) | 406 | 3.9 | 337 | 3.5 |
| Adolescents (Ages 13–17 years) | 1,082 | 10.3 | 917 | 9.4 |
| Young adults (Ages 18–24 years) | 2,159 | 20.6 | 1,923 | 19.7 |
| Older adults (Ages 50 years and over) | 1,958 | 18.7 | 1,793 | 18.4 |
| American Indian or Alaska Native | 525 | 5.0 | 465 | 4.8 |
| Asian | 353 | 3.4 | 301 | 3.1 |
| Black or African American | 2,109 | 20.1 | 2,005 | 20.5 |
| Hispanic or Latino | 1,527 | 14.6 | 1,447 | 14.8 |
| Native Hawaiian or Pacific Islander | 280 | 2.7 | 242 | 2.5 |
| Other race or ethnicity | 451 | 4.3 | 255 | 2.6 |
| Women | 2,036 | 19.4 | 1,961 | 20.1 |
| Gay, lesbian, bisexual, or transgender | 2,654 | 25.3 | 2,422 | 24.8 |
| Homeless or unstably housed | 1,297 | 12.4 | 1,160 | 11.9 |
| Immigrants | 867 | 8.3 | 631 | 6.5 |
| Incarcerated or recently released | 779 | 7.4 | 749 | 7.7 |
| Rural populations | 1,122 | 10.7 | 1,216 | 12.5 |
| U.S.-Mexico border population | 395 | 3.8 | 325 | 3.3 |
| Other specific populations | 272 | 2.6 | 233 | 2.4 |
| Number of events | 10,482 | — | 9,761 | — |
| Other support | | | | |
| Funding sources used | | | | |
| Centers for Disease Control and Prevention | 345 | 3.3 | 280 | 2.9 |
| Core Training and Technical Assistance | 6,321 | 60.3 | 6,045 | 61.8 |
| Interprofessional Education | 590 | 5.6 | 494 | 5.1 |
| Minority AIDS Initiative (MAI) | 3,421 | 32.6 | 3,264 | 33.4 |
| Practice Transformation | 1,857 | 17.7 | 965 | 9.9 |
| Total number of events | 10,487 | — | 9,778 | — |
| Collaborating organization | | | | |
| Other AETC collaborators | | | | |
| Frontier AETC | 29 | 0.9 | 1 | <0.1 |
| Mid-Atlantic AETC | 1 | <0.1 | 13 | 0.4 |
| Midwest AETC | 17 | 0.5 | 33 | 1.0 |
| New England AETC | 27 | 0.8 | 43 | 1.4 |
| Northeast Caribbean AETC | 12 | 0.4 | 3 | 0.1 |
| Pacific AETC | 14 | 0.4 | 16 | 0.5 |
| South Central AETC | 88 | 2.6 | 103 | 3.2 |
| Southeast AETC | 38 | 1.1 | 27 | 0.8 |
| AETC National Clinicians' Consultation Center | 11 | 0.3 | 6 | 0.2 |
| AETC National Coordinating Resource Center | 23 | 0.7 | 17 | 0.5 |
| AETC National Evaluation Center | 0 | 0.0 | 7 | 0.2 |
| Duke nurse practitioner program | 31 | 0.9 | 42 | 1.3 |
| Johns Hopkins nurse practitioner program | 1 | <0.1 | 2 | 0.1 |
| Rutgers nurse practitioner program | 0 | 0.0 | 1 | <0.1 |
| SUNY physician assistant program | 4 | 0.1 | 2 | 0.1 |
| UCSF nurse practitioner program | 0 | 0.0 | 0 | 0.0 |
| Same region but different local partner | 1 | <0.1 | 0 | 0.0 |
| Other federally funded training center collaborators | | | | |
| Addiction Technology Transfer Center (ATTC) | 44 | 1.3 | 76 | 2.4 |
| Area Health Education Center (AHEC) | 39 | 1.2 | 49 | 1.5 |
| Capacity Building Assistance (CBA) Provider | 66 | 2.0 | 61 | 1.9 |
| Family Planning National Training Center | 0 | 0.0 | 1 | <0.1 |
| Public Health Training Center (PHTC) | 4 | 0.1 | 30 | 0.9 |
| STD Clinical Prevention Training Center (PTC) | 100 | 3.0 | 99 | 3.1 |
| TB Regional Training and Medical Consultation Center | 62 | 1.9 | 13 | 0.4 |
| Viral Hepatitis Education and Training Project | 1 | <0.1 | 2 | 0.1 |

Table 2b. RWHPA AIDS Education and Training Centers (AETC) Program training events by year and training topic, other support, collaborating organization, and training modality, July 2017–June 2019—United States and 3 territories (cont.)

| | July 2017–June 2018 | | July 2018–June 2019 | |
|--|---------------------|----------------------|---------------------|----------------------|
| | No. | % of training events | No. | % of training events |
| Other organization collaborators | 3,137 | 30.0 | 2,942 | 30.2 |
| AIDS services organization | 408 | 12.2 | 358 | 11.2 |
| Community health center, including federally qualified health center (FQHC) funded by HRSA | 901 | 26.9 | 764 | 24.0 |
| Correctional institution | 94 | 2.8 | 62 | 1.9 |
| Faith-based organization | 30 | 0.9 | 38 | 1.2 |
| Health professions school | 651 | 19.4 | 870 | 27.3 |
| Hispanic-serving Institution | 177 | 5.3 | 214 | 6.7 |
| Historically Black College or University | 73 | 2.2 | 134 | 4.2 |
| Hospital or hospital-based clinic | 685 | 20.4 | 602 | 18.9 |
| Other | 382 | 11.4 | 261 | 8.2 |
| Other community-based organization | 287 | 8.6 | 308 | 9.7 |
| Ryan White HIV/AIDS Program–funded organization, including subrecipients | 1,250 | 37.3 | 1,233 | 38.7 |
| Tribal college or university | 39 | 1.2 | 12 | 0.4 |
| Tribal health organization | 76 | 2.3 | 39 | 1.2 |
| Number of events (all collaborating organizations) | 3,351 | — | 3,185 | — |
| Training modality | | | | |
| Training modalities or technologies applied in the event | | | | |
| Didactic presentations, in-person | 1,271 | 12.2 | 1,324 | 13.6 |
| Didactic presentations, distance-based (live) | 241 | 2.3 | 282 | 2.9 |
| Didactic presentations, distance-based (archived) | 295 | 2.8 | 334 | 3.4 |
| Interactive presentations, in-person | 2,334 | 22.3 | 2,200 | 22.6 |
| Interactive presentations, distance-based (live) | 160 | 1.5 | 199 | 2.0 |
| Communities of practice, in-person | 713 | 6.8 | 1,065 | 10.9 |
| Communities of practice, distance-based (live) | 808 | 7.7 | 378 | 3.9 |
| Self-study, distance-based (archived) | 229 | 2.2 | 124 | 1.3 |
| Clinical preceptorships, in-person | 1,295 | 12.4 | 1,359 | 13.9 |
| Clinical preceptorships, distance-based (live) | 15 | 0.1 | 6 | 0.1 |
| Clinical consultation, in-person | 524 | 5.0 | 674 | 6.9 |
| Clinical consultation, distance-based (live) | 617 | 5.9 | 534 | 5.5 |
| Coaching for organizational capacity building, in-person | 1,982 | 19.0 | 1,548 | 15.9 |
| Coaching for organizational capacity building, distance-based (live) | 1,176 | 11.3 | 803 | 8.2 |
| Number of events | 10,448 | — | 9,754 | — |

Abbreviations: HIPAA, Health Insurance Portability and Accountability Act; HPV, human papillomavirus; STD, sexually transmitted disease; SUNY, State University of New York; TB, tuberculosis; UCSF, University of California, San Francisco.

Notes: Training topic, other support, collaborating organization, training modality categories are not mutually exclusive.

Subtotals for each represent the number of unique events and serve as the denominators for percentage calculations.

Table 3. RWHAAP AIDS Education and Training Centers (AETC) Program participants by year and selected characteristics, July 2014–June 2019—United States and 3 territories

| | July 2014– August 2015 | | September 2015– June 2016 | | July 2016– June 2017 | | July 2017– June 2018 | | July 2018– June 2019 | |
|--|---------------------------|--------------|------------------------------|--------------|-------------------------|----------|-------------------------|--------------|-------------------------|--------------|
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| Race/ethnicity | | | | | | | | | | |
| American Indian/Alaska Native | 1,277 | 1.7 | 969 | 2.0 | — | — | 858 | 1.7 | 785 | 1.5 |
| Asian | 5,401 | 7.0 | 3,624 | 7.5 | — | — | 3,581 | 7.1 | 3,737 | 7.3 |
| Black/African American | 14,842 | 19.2 | 10,132 | 20.8 | — | — | 10,001 | 19.8 | 10,663 | 20.9 |
| Hispanic/Latino ^a | 10,626 | 13.8 | 6,848 | 14.1 | — | — | 8,663 | 17.1 | 8,818 | 17.3 |
| Native Hawaiian/Pacific Islander | 313 | 0.4 | 145 | 0.3 | — | — | 171 | 0.3 | 153 | 0.3 |
| White | 41,525 | 53.8 | 25,800 | 53.1 | — | — | 25,708 | 50.8 | 25,271 | 49.5 |
| Multiple Races | 3,132 | 4.1 | 1,076 | 2.2 | — | — | 1,616 | 3.2 | 1,652 | 3.2 |
| Subtotal | 77,116 | 100.0 | 48,595 | 100.0 | — | — | 50,598 | 100.0 | 51,079 | 100.0 |
| Gender | | | | | | | | | | |
| Male | 20,608 | 26.6 | 12,616 | 25.7 | — | — | 12,251 | 24.6 | 11,961 | 23.9 |
| Female | 56,657 | 73.1 | 36,172 | 73.8 | — | — | 37,299 | 74.8 | 37,655 | 75.4 |
| Transgender | 278 | 0.4 | 251 | 0.5 | — | — | 322 | 0.6 | 335 | 0.7 |
| Subtotal | 77,542 | 100.0 | 49,039 | 100.0 | — | — | 49,872 | 100.0 | 49,951 | 100.0 |
| Professional discipline | | | | | | | | | | |
| Advanced practice nurse | 4,717 | 6.0 | 3,112 | 6.2 | — | — | — | — | — | — |
| Clergy/faith-based professional | 154 | 0.2 | 103 | 0.2 | — | — | 105 | 0.2 | 127 | 0.2 |
| Community health worker | 2,607 | 3.3 | 1,672 | 3.3 | — | — | 2,896 | 5.5 | 3,420 | 6.4 |
| Dentist | 2,309 | 2.9 | 1,326 | 2.7 | — | — | 1,601 | 3.1 | 1,983 | 3.7 |
| Dietitian/nutritionist | 374 | 0.5 | 199 | 0.4 | — | — | 170 | 0.3 | 183 | 0.3 |
| Health educator | 3,070 | 3.9 | 1,967 | 3.9 | — | — | — | — | — | — |
| Mental/behavioral health professional | 2,245 | 2.9 | 1,448 | 2.9 | — | — | 1,809 | 3.5 | 1,912 | 3.6 |
| Midwife | — | — | — | — | — | — | 152 | 0.3 | 90 | 0.2 |
| Nurse | 18,008 | 22.9 | 10,874 | 21.8 | — | — | — | — | — | — |
| Nurse/advanced practice nurse (non-prescriber) | — | — | — | — | — | — | 9,335 | 17.8 | 8,813 | 16.5 |
| Nurse practitioner | — | — | — | — | — | — | 3,142 | 6.0 | 3,059 | 5.7 |
| Other allied health professional | — | — | — | — | — | — | 3,156 | 6.0 | 3,214 | 6.0 |
| Other dental professional | 3,098 | 3.9 | 1,475 | 3.0 | — | — | 1,481 | 2.8 | 1,171 | 2.2 |
| Other non-clinical professional | 8,491 | 10.8 | 6,543 | 13.1 | — | — | 4,295 | 8.2 | 4,383 | 8.2 |
| Other public health professional | 4,807 | 6.1 | 3,257 | 6.5 | — | — | 4,379 | 8.4 | 5,101 | 9.6 |
| Pharmacist | 5,711 | 7.3 | 3,616 | 7.2 | — | — | 3,290 | 6.3 | 3,279 | 6.2 |
| Physician | 12,455 | 15.9 | 7,682 | 15.4 | — | — | 7,861 | 15.0 | 7,416 | 13.9 |
| Physician assistant | 2,174 | 2.8 | 1,462 | 2.9 | — | — | 1,322 | 2.5 | 1,525 | 2.9 |
| Practice administrator or leader | — | — | — | — | — | — | 878 | 1.7 | 798 | 1.5 |
| Social worker | 7,146 | 9.1 | 4,459 | 8.9 | — | — | 6,514 | 12.4 | 7,107 | 13.3 |
| Substance abuse professional | 1,131 | 1.4 | 739 | 1.5 | — | — | 957 | 1.8 | 1,051 | 2.0 |
| Subtotal | 78,497 | 100.0 | 49,932 | 100.0 | — | — | 52,433 | — | 53,271 | — |
| Role in their organization | | | | | | | | | | |
| Administrator | 6,522 | 8.4 | 4,212 | 8.5 | — | — | 4,537 | 8.5 | 4,366 | 8.2 |
| Agency board member | 103 | 0.1 | 96 | 0.2 | — | — | 85 | 0.2 | 105 | 0.2 |
| Care provider/clinician | 29,945 | 38.6 | 16,977 | 34.3 | — | — | — | — | — | — |
| Care provider/clinician—can or does prescribe HIV treatment | — | — | — | — | — | — | 6,349 | 12.0 | 6,082 | 11.4 |
| Care provider/clinician—cannot or does not prescribe HIV treatment | — | — | — | — | — | — | 10,185 | 19.2 | 9,802 | 18.3 |
| Case manager | 10,135 | 13.1 | 6,395 | 12.9 | — | — | 6,136 | 11.6 | 6,795 | 12.7 |
| Client/patient educator | 4,306 | 5.5 | 2,853 | 5.8 | — | — | — | — | — | — |
| Client/patient educator (includes navigator) | — | — | — | — | — | — | 2,154 | 4.1 | 2,567 | 4.8 |
| Clinical/medical assistant | 3,513 | 4.5 | 2,296 | 4.6 | — | — | 2,030 | 3.8 | 1,977 | 3.7 |
| Health care organization non-clinical staff | — | — | — | — | — | — | 1,150 | 2.2 | 1,339 | 2.5 |
| HIV tester | — | — | — | — | — | — | 1,466 | 2.8 | 1,836 | 3.4 |
| Intern/resident | 3,106 | 4.0 | 1,970 | 4.0 | — | — | 1,596 | 3.0 | 1,952 | 3.7 |
| Other | 10,708 | 13.8 | 7,423 | 15.0 | — | — | 8,921 | 16.8 | 8,423 | 15.8 |
| Researcher/evaluator | 1,826 | 2.4 | 1,218 | 2.5 | — | — | 1,099 | 2.1 | 1,370 | 2.6 |
| Student/graduate student | 4,900 | 6.3 | 4,488 | 9.1 | — | — | 5,559 | 10.5 | 7,122 | 13.3 |
| Teacher/faculty | 2,595 | 3.3 | 1,564 | 3.2 | — | — | 1,593 | 3.0 | 1,650 | 3.1 |
| Subtotal | 77,658 | 100.0 | 49,490 | 100.0 | — | — | 53,117 | — | 53,420 | — |

Notes: Participant data unavailable for July 2016–June 2017.

Participants reporting for July 2014–August 2015 and September 2015–June 2016 selected only one profession/discipline and one primary functional role; percentages for these years are rounded and may not sum to 100.0% as displayed.

Participants reporting for July 2017–June 2018 and July 2018–June 2019 selected all profession/disciplines and primary functional roles that apply. Data for these years are not mutually exclusive; numbers may not sum to the subtotal, and percentages may not sum to 100.0%.

^a Hispanics/Latinos can be of any race.

Table 4a. RWHAP AIDS Education and Training Centers (AETC) Program participants by race/ethnicity and profession/discipline, July 2017–June 2018—United States and 3 territories

| Profession/discipline | American Indian/ Alaska Native | | Asian | | Black/ African American | | Hispanic/Latino ^a | | Native Hawaiian/ Pacific Islander | | White | | Multiple races | |
|---|-----------------------------------|----------|--------------|----------|----------------------------|----------|------------------------------|----------|--------------------------------------|----------|---------------|----------|----------------|----------|
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Clergy/faith-based professional | 0 | 0.0 | 2 | 0.1 | 41 | 0.4 | 12 | 0.1 | 0 | 0.0 | 36 | 0.1 | 10 | 0.6 |
| Community health worker | 118 | 13.9 | 57 | 1.6 | 959 | 9.6 | 869 | 10.1 | 7 | 4.1 | 656 | 2.6 | 137 | 8.5 |
| Dentist | 14 | 1.7 | 305 | 8.6 | 156 | 1.6 | 254 | 2.9 | 2 | 1.2 | 767 | 3.0 | 45 | 2.8 |
| Dietitian/nutritionist | 2 | 0.2 | 7 | 0.2 | 12 | 0.1 | 27 | 0.3 | 1 | 0.6 | 109 | 0.4 | 4 | 0.2 |
| Mental/behavioral health professional | 27 | 3.2 | 46 | 1.3 | 424 | 4.3 | 327 | 3.8 | 1 | 0.6 | 825 | 3.2 | 90 | 5.6 |
| Midwife | 4 | 0.5 | 2 | 0.1 | 14 | 0.1 | 7 | 0.1 | 0 | 0.0 | 113 | 0.4 | 5 | 0.3 |
| Nurse/advanced practice nurse (non-prescriber) | 145 | 17.1 | 440 | 12.3 | 1,535 | 15.4 | 1,016 | 11.8 | 48 | 28.4 | 5,518 | 21.6 | 238 | 14.8 |
| Nurse practitioner | 20 | 2.4 | 147 | 4.1 | 511 | 5.1 | 233 | 2.7 | 7 | 4.1 | 2,008 | 7.9 | 59 | 3.7 |
| Other allied health professional | 96 | 11.3 | 127 | 3.6 | 617 | 6.2 | 960 | 11.1 | 22 | 13.0 | 1,058 | 4.1 | 88 | 5.5 |
| Other dental professional | 25 | 2.9 | 57 | 1.6 | 148 | 1.5 | 314 | 3.6 | 4 | 2.4 | 838 | 3.3 | 37 | 2.3 |
| Other non-clinical professional | 130 | 15.3 | 173 | 4.9 | 970 | 9.7 | 980 | 11.4 | 18 | 10.7 | 1,662 | 6.5 | 135 | 8.4 |
| Other public health professional | 72 | 8.5 | 183 | 5.1 | 1,222 | 12.3 | 706 | 8.2 | 6 | 3.6 | 1,762 | 6.9 | 155 | 9.6 |
| Pharmacist | 19 | 2.2 | 522 | 14.6 | 243 | 2.4 | 263 | 3.1 | 9 | 5.3 | 2,000 | 7.8 | 70 | 4.4 |
| Physician | 36 | 4.2 | 1,287 | 36.1 | 723 | 7.3 | 872 | 10.1 | 25 | 14.8 | 4,016 | 15.7 | 225 | 14.0 |
| Physician assistant | 10 | 1.2 | 78 | 2.2 | 84 | 0.8 | 87 | 1.0 | 4 | 2.4 | 894 | 3.5 | 32 | 2.0 |
| Practice administrator or leader | 16 | 1.9 | 21 | 0.6 | 166 | 1.7 | 179 | 2.1 | 2 | 1.2 | 431 | 1.7 | 28 | 1.7 |
| Social worker | 64 | 7.5 | 112 | 3.1 | 1,865 | 18.7 | 1,439 | 16.7 | 12 | 7.1 | 2,539 | 9.9 | 231 | 14.4 |
| Substance abuse professional | 50 | 5.9 | 8 | 0.2 | 315 | 3.2 | 124 | 1.4 | 1 | 0.6 | 393 | 1.5 | 33 | 2.1 |
| Total | 848 | — | 3,564 | — | 9,960 | — | 8,614 | — | 169 | — | 25,533 | — | 1,607 | — |

Notes: Data shown for each profession/discipline are not mutually exclusive; participants may have reported multiple professions/disciplines.

Subtotals represent the number of unique participants within each race/ethnicity that reported at least one profession/discipline.

^a Hispanics/Latinos can be of any race.

Table 4b. RWHAP AIDS Education and Training Centers (AETC) Program participants by race/ethnicity and profession/discipline, July 2018–June 2019—United States and 3 territories

| Profession/discipline | American Indian/ Alaska Native | | Asian | | Black/ African American | | Hispanic/Latino ^a | | Native Hawaiian/ Pacific Islander | | White | | Multiple races | |
|---|-----------------------------------|----------|--------------|----------|----------------------------|----------|------------------------------|----------|--------------------------------------|----------|---------------|----------|----------------|----------|
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Clergy/faith-based professional | 3 | 0.4 | 0 | 0.0 | 72 | 0.7 | 10 | 0.1 | 0 | 0.0 | 28 | 0.1 | 11 | 0.7 |
| Community health worker | 114 | 14.7 | 52 | 1.4 | 1,209 | 11.6 | 1,038 | 11.9 | 6 | 3.9 | 721 | 2.9 | 168 | 10.2 |
| Dentist | 11 | 1.4 | 394 | 10.6 | 167 | 1.6 | 340 | 3.9 | 5 | 3.3 | 895 | 3.6 | 68 | 4.1 |
| Dietitian/nutritionist | 1 | 0.1 | 7 | 0.2 | 29 | 0.3 | 30 | 0.3 | 1 | 0.7 | 107 | 0.4 | 5 | 0.3 |
| Mental/behavioral health professional | 32 | 4.1 | 46 | 1.2 | 484 | 4.6 | 363 | 4.2 | 3 | 2.0 | 818 | 3.3 | 86 | 5.2 |
| Midwife | 4 | 0.5 | 1 | <0.1 | 6 | 0.1 | 10 | 0.1 | 1 | 0.7 | 64 | 0.3 | 3 | 0.2 |
| Nurse/advanced practice nurse (non-prescriber) | 138 | 17.8 | 421 | 11.3 | 1,378 | 13.2 | 891 | 10.2 | 32 | 21.1 | 5,294 | 21.1 | 235 | 14.3 |
| Nurse practitioner | 27 | 3.5 | 163 | 4.4 | 489 | 4.7 | 251 | 2.9 | 10 | 6.6 | 1,938 | 7.7 | 60 | 3.7 |
| Other allied health professional | 88 | 11.3 | 138 | 3.7 | 720 | 6.9 | 844 | 9.7 | 13 | 8.6 | 1,075 | 4.3 | 89 | 5.4 |
| Other dental professional | 17 | 2.2 | 55 | 1.5 | 130 | 1.2 | 196 | 2.2 | 2 | 1.3 | 683 | 2.7 | 30 | 1.8 |
| Other non-clinical professional | 77 | 9.9 | 206 | 5.5 | 1,040 | 10.0 | 984 | 11.3 | 12 | 7.9 | 1,664 | 6.6 | 143 | 8.7 |
| Other public health professional | 92 | 11.9 | 204 | 5.5 | 1,406 | 13.5 | 810 | 9.3 | 13 | 8.6 | 1,991 | 7.9 | 189 | 11.5 |
| Pharmacist | 16 | 2.1 | 529 | 14.2 | 369 | 3.5 | 332 | 3.8 | 7 | 4.6 | 1,801 | 7.2 | 74 | 4.5 |
| Physician | 35 | 4.5 | 1,280 | 34.5 | 682 | 6.5 | 919 | 10.5 | 20 | 13.2 | 3,796 | 15.2 | 206 | 12.5 |
| Physician assistant | 12 | 1.5 | 108 | 2.9 | 94 | 0.9 | 106 | 1.2 | 4 | 2.6 | 1,044 | 4.2 | 41 | 2.5 |
| Practice administrator or leader | 8 | 1.0 | 20 | 0.5 | 203 | 1.9 | 137 | 1.6 | 1 | 0.7 | 351 | 1.4 | 25 | 1.5 |
| Social worker | 73 | 9.4 | 112 | 3.0 | 2,093 | 20.0 | 1,543 | 17.6 | 18 | 11.8 | 2,750 | 11.0 | 238 | 14.5 |
| Substance abuse professional | 43 | 5.5 | 7 | 0.2 | 348 | 3.3 | 151 | 1.7 | 4 | 2.6 | 439 | 1.8 | 30 | 1.8 |
| Total | 776 | — | 3,714 | — | 10,442 | — | 8,744 | — | 152 | — | 25,054 | — | 1,643 | — |

Notes: Data shown for each profession/discipline are not mutually exclusive; participants may have reported multiple professions/disciplines.

Subtotals represent the number of unique participants within each race/ethnicity that reported at least one profession/discipline.

^a Hispanics/Latinos can be of any race.

Table 5a. RWHAP AIDS Education and Training Centers (AETC) Program participants by gender and profession/discipline, July 2017–June 2018—United States and 3 territories

| Profession/discipline | Male | | Female | | Transgender | |
|--|---------------|----------|---------------|----------|-------------|----------|
| | No. | % | No. | % | No. | % |
| Clergy/faith-based professional | 44 | 0.4 | 53 | 0.1 | 1 | 0.3 |
| Community health worker | 846 | 7.0 | 1,715 | 4.6 | 79 | 24.6 |
| Dentist | 768 | 6.3 | 762 | 2.1 | 3 | 0.9 |
| Dietitian/nutritionist | 10 | 0.1 | 152 | 0.4 | 0 | 0.0 |
| Mental/behavioral health professional | 373 | 3.1 | 1,329 | 3.6 | 12 | 3.7 |
| Midwife | 2 | <0.1 | 137 | 0.4 | 1 | 0.3 |
| Nurse/advanced practice nurse (non-prescriber) | 737 | 6.1 | 8,115 | 21.9 | 21 | 6.5 |
| Nurse practitioner | 284 | 2.3 | 2,663 | 7.2 | 12 | 3.7 |
| Other allied health professional | 492 | 4.1 | 2,461 | 6.6 | 22 | 6.9 |
| Other dental professional | 81 | 0.7 | 1,340 | 3.6 | 2 | 0.6 |
| Other non-clinical professional | 1,064 | 8.8 | 2,923 | 7.9 | 43 | 13.4 |
| Other public health professional | 984 | 8.1 | 2,985 | 8.1 | 38 | 11.8 |
| Pharmacist | 1,192 | 9.8 | 1,862 | 5.0 | 3 | 0.9 |
| Physician | 3,489 | 28.7 | 3,668 | 9.9 | 12 | 3.7 |
| Physician assistant | 334 | 2.7 | 852 | 2.3 | 2 | 0.6 |
| Practice administrator or leader | 178 | 1.5 | 645 | 1.7 | 5 | 1.6 |
| Social worker | 1,092 | 9.0 | 4,882 | 13.2 | 61 | 19.0 |
| Substance abuse professional | 222 | 1.8 | 669 | 1.8 | 8 | 2.5 |
| Total | 12,146 | — | 37,056 | — | 321 | — |

Notes: Data shown for each profession/discipline are not mutually exclusive; participants may have reported multiple professions/disciplines. Subtotals represent the number of unique participants within each gender that reported at least one profession/discipline.

Table 5b. RWHAP AIDS Education and Training Centers (AETC) Program participants by gender and profession/discipline, July 2018–June 2019—United States and 3 territories

| Profession/discipline | Male | | Female | | Transgender | |
|--|---------------|----------|---------------|----------|-------------|----------|
| | No. | % | No. | % | No. | % |
| Clergy/faith-based professional | 56 | 0.5 | 57 | 0.2 | 4 | 1.2 |
| Community health worker | 914 | 7.8 | 2,071 | 5.6 | 116 | 34.7 |
| Dentist | 873 | 7.4 | 974 | 2.6 | 2 | 0.6 |
| Dietitian/nutritionist | 14 | 0.1 | 161 | 0.4 | 0 | 0.0 |
| Mental/behavioral health professional | 390 | 3.3 | 1,367 | 3.7 | 15 | 4.5 |
| Midwife | 4 | <0.1 | 77 | 0.2 | 0 | 0.0 |
| Nurse/advanced practice nurse (non-prescriber) | 667 | 5.7 | 7,637 | 20.5 | 18 | 5.4 |
| Nurse practitioner | 265 | 2.3 | 2,620 | 7.0 | 8 | 2.4 |
| Other allied health professional | 535 | 4.5 | 2,469 | 6.6 | 9 | 2.7 |
| Other dental professional | 75 | 0.6 | 1,038 | 2.8 | 1 | 0.3 |
| Other non-clinical professional | 980 | 8.3 | 3,034 | 8.1 | 46 | 13.8 |
| Other public health professional | 1,066 | 9.1 | 3,438 | 9.2 | 36 | 10.8 |
| Pharmacist | 991 | 8.4 | 1,998 | 5.4 | 3 | 0.9 |
| Physician | 3,268 | 27.8 | 3,509 | 9.4 | 9 | 2.7 |
| Physician assistant | 374 | 3.2 | 1,046 | 2.8 | 1 | 0.3 |
| Practice administrator or leader | 157 | 1.3 | 570 | 1.5 | 3 | 0.9 |
| Social worker | 1,185 | 10.1 | 5,347 | 14.3 | 78 | 23.4 |
| Substance abuse professional | 298 | 2.5 | 675 | 1.8 | 4 | 1.2 |
| Total | 11,767 | — | 37,294 | — | 334 | — |

Notes: Data shown for each profession/discipline are not mutually exclusive; participants may have reported multiple professions/disciplines. Subtotals represent the number of unique participants within each gender that reported at least one profession/discipline.

Table 6. RWHAP AIDS Education and Training Center (AETC) Program participants by year and selected service delivery characteristics, July 2014–June 2019—United States and 3 territories

| | July 2014– August 2015 | | September 2015– June 2016 | | July 2016– June 2017 | | July 2017– June 2018 | | July 2018– June 2019 | |
|--|---------------------------|--------------|------------------------------|--------------|-------------------------|----------|-------------------------|--------------|-------------------------|--------------|
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| All clients served | | | | | | | | | | |
| Provides direct service to clients | | | | | | | | | | |
| Yes | 59,704 | 76.9 | 36,820 | 74.8 | — | — | 37,299 | 74.3 | 36,343 | 70.6 |
| No | 17,911 | 23.1 | 12,432 | 25.2 | — | — | 12,906 | 25.7 | 15,126 | 29.4 |
| Subtotal | 77,615 | 100.0 | 49,252 | 100.0 | — | — | 50,205 | 100.0 | 51,469 | 100.0 |
| Provides HIV prevention counseling and testing services | | | | | | | | | | |
| Yes | — | — | — | — | — | — | 22,260 | 56.9 | 22,015 | 54.6 |
| No | — | — | — | — | — | — | 16,862 | 43.1 | 18,305 | 45.4 |
| Subtotal | — | — | — | — | — | — | 39,122 | 100.0 | 40,320 | 100.0 |
| Prescribes pre-exposure prophylaxis (PrEP) | | | | | | | | | | |
| Yes | — | — | — | — | — | — | 7,834 | 20.5 | 8,172 | 20.7 |
| No | — | — | — | — | — | — | 30,386 | 79.5 | 31,380 | 79.3 |
| Subtotal | — | — | — | — | — | — | 38,220 | 100.0 | 39,552 | 100.0 |
| Percentage of all clients who are racial/ethnic minorities | | | | | | | | | | |
| None per year | 1,999 | 3.5 | 448 | 1.3 | — | — | — | — | — | — |
| 1–24% per year | 10,215 | 17.7 | 5,701 | 16.1 | — | — | — | — | — | — |
| 25–49% per year | 12,289 | 21.2 | 7,785 | 21.9 | — | — | — | — | — | — |
| 50–74% per year | 16,033 | 27.7 | 10,193 | 28.7 | — | — | — | — | — | — |
| ≥ 75% per year | 17,315 | 29.9 | 11,361 | 32.0 | — | — | — | — | — | — |
| Subtotal | 57,851 | 100.0 | 35,488 | 100.0 | — | — | — | — | — | — |
| Clients with HIV | | | | | | | | | | |
| Provides direct service to people with HIV | | | | | | | | | | |
| Yes | 42,875 | 73.6 | 26,858 | 72.2 | — | — | 23,232 | 60.1 | 23,037 | 58.2 |
| No | 15,415 | 26.4 | 10,353 | 27.8 | — | — | 15,421 | 39.9 | 16,568 | 41.8 |
| Subtotal | 58,290 | 100.0 | 37,211 | 100.0 | — | — | 38,653 | 100.0 | 39,605 | 100.0 |
| Years of service directly to people with HIV | | | | | | | | | | |
| ≤ 1 | 7,504 | 18.0 | 4,740 | 18.2 | — | — | 4,256 | 19.9 | 5,061 | 23.5 |
| 2–4 | 8,801 | 21.2 | 5,953 | 22.8 | — | — | 4,945 | 23.2 | 5,120 | 23.8 |
| 5–9 | 8,061 | 19.4 | 4,873 | 18.7 | — | — | 3,906 | 18.3 | 3,741 | 17.4 |
| 10–19 | 10,044 | 24.1 | 5,998 | 23.0 | — | — | 4,644 | 21.7 | 4,298 | 20.0 |
| ≥ 20 | 7,201 | 17.3 | 4,535 | 17.4 | — | — | 3,604 | 16.9 | 3,293 | 15.3 |
| Subtotal | 41,611 | 100.0 | 26,099 | 100.0 | — | — | 21,355 | 100.0 | 21,513 | 100.0 |
| Estimated number of clients with HIV per month | | | | | | | | | | |
| None per month | 1,658 | 4.0 | 1,114 | 4.3 | — | — | — | — | — | — |
| 1–9 per month | 17,865 | 42.9 | 10,514 | 40.2 | — | — | — | — | — | — |
| 10–19 per month | 6,195 | 14.9 | 3,931 | 15.0 | — | — | — | — | — | — |
| 20–49 per month | 7,903 | 19.0 | 5,264 | 20.1 | — | — | — | — | — | — |
| ≥ 50 per month | 8,002 | 19.2 | 5,353 | 20.4 | — | — | — | — | — | — |
| Subtotal | 41,623 | 100.0 | 26,176 | 100.0 | — | — | — | — | — | — |
| Estimated number of clients with HIV per year | | | | | | | | | | |
| None per year | — | — | — | — | — | — | 600 | 3.1 | 1,240 | 6.2 |
| 1–9 per year | — | — | — | — | — | — | 4,772 | 24.4 | 4,573 | 22.8 |
| 10–19 per year | — | — | — | — | — | — | 2,337 | 12.0 | 2,172 | 10.8 |
| 20–49 per year | — | — | — | — | — | — | 3,306 | 16.9 | 3,326 | 16.6 |
| ≥ 50 per year | — | — | — | — | — | — | 8,530 | 43.6 | 8,753 | 43.6 |
| Subtotal | — | — | — | — | — | — | 19,545 | 100.0 | 20,064 | 100.0 |
| Percentage of clients with HIV who are racial/ethnic minorities | | | | | | | | | | |
| None per year | 1,525 | 3.7 | 685 | 2.7 | — | — | 1,318 | 6.2 | 1,635 | 7.7 |
| 1–24% per year | 9,586 | 23.5 | 5,664 | 22.8 | — | — | 4,991 | 23.4 | 4,578 | 21.4 |
| 25–49% per year | 7,631 | 18.7 | 4,607 | 18.5 | — | — | 3,750 | 17.6 | 3,651 | 17.1 |
| 50–74% per year | 10,610 | 26.0 | 6,516 | 26.2 | — | — | 5,357 | 25.1 | 5,580 | 26.1 |
| ≥ 75% per year | 11,428 | 28.0 | 7,410 | 29.8 | — | — | 5,894 | 27.7 | 5,920 | 27.7 |
| Subtotal | 40,780 | 100.0 | 24,882 | 100.0 | — | — | 21,310 | 100.0 | 21,364 | 100.0 |
| Percentage of clients with HIV who are women | | | | | | | | | | |
| None per year | 5,603 | 13.9 | 3,084 | 12.5 | — | — | — | — | — | — |
| 1–24% per year | 16,341 | 40.4 | 9,931 | 40.2 | — | — | — | — | — | — |
| 25–49% per year | 11,894 | 29.4 | 7,800 | 31.5 | — | — | — | — | — | — |
| 50–74% per year | 4,716 | 11.7 | 2,966 | 12.0 | — | — | — | — | — | — |
| ≥ 75% per year | 1,866 | 4.6 | 954 | 3.9 | — | — | — | — | — | — |
| Subtotal | 40,419 | 100.0 | 24,735 | 100.0 | — | — | — | — | — | — |

Table 6. RWHAP AIDS Education and Training Center (AETC) Program participants by year and selected service delivery characteristics, July 2014–June 2019—United States and 3 territories (cont.)

| | July 2014– August 2015 | | September 2015– June 2016 | | July 2016– June 2017 | | July 2017– June 2018 | | July 2018– June 2019 | |
|--|---------------------------|--------------|------------------------------|--------------|-------------------------|----------|-------------------------|--------------|-------------------------|--------------|
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| Percentage of clients with HIV who are receiving antiretroviral therapy | | | | | | | | | | |
| None per year | 1,535 | 3.8 | 634 | 2.6 | — | — | 1,165 | 5.5 | 1,550 | 7.3 |
| 1–24% per year | 7,428 | 18.4 | 4,011 | 16.3 | — | — | 3,330 | 15.8 | 3,024 | 14.3 |
| 25–49% per year | 4,377 | 10.9 | 2,363 | 9.6 | — | — | 1,520 | 7.2 | 1,432 | 6.7 |
| 50–74% per year | 8,512 | 21.1 | 4,908 | 20.0 | — | — | 2,992 | 14.2 | 2,834 | 13.4 |
| ≥ 75% per year | 18,494 | 45.8 | 12,668 | 51.5 | — | — | 12,080 | 57.3 | 12,359 | 58.3 |
| Subtotal | 40,346 | 100.0 | 24,584 | 100.0 | — | — | 21,087 | 100.0 | 21,199 | 100.0 |
| Percentage of clients with HIV who have hepatitis C co-infection | | | | | | | | | | |
| None per year | 6,421 | 16.1 | 2,755 | 11.4 | — | — | — | — | — | — |
| 1–24% per year | 19,974 | 50.0 | 13,280 | 55.0 | — | — | — | — | — | — |
| 25–49% per year | 8,883 | 22.2 | 5,516 | 22.9 | — | — | — | — | — | — |
| 50–74% per year | 3,119 | 7.8 | 1,787 | 7.4 | — | — | — | — | — | — |
| ≥ 75% per year | 1,571 | 3.9 | 801 | 3.3 | — | — | — | — | — | — |
| Subtotal | 39,967 | 100.0 | 24,138 | 100.0 | — | — | — | — | — | — |
| Percentage of clients with HIV who have hepatitis B or hepatitis C co-infection | | | | | | | | | | |
| None per year | — | — | — | — | — | — | 2,762 | 13.2 | 3,178 | 15.1 |
| 1–24% per year | — | — | — | — | — | — | 10,856 | 51.9 | 10,607 | 50.4 |
| 25–49% per year | — | — | — | — | — | — | 4,817 | 23.0 | 4,940 | 23.5 |
| 50–74% per year | — | — | — | — | — | — | 1,809 | 8.6 | 1,776 | 8.4 |
| ≥ 75% per year | — | — | — | — | — | — | 673 | 3.2 | 528 | 2.5 |
| Subtotal | — | — | — | — | — | — | 20,917 | 100.0 | 21,029 | 100.0 |

Note: Percentages are rounded and may not sum to 100.0% as displayed.

Table 7a. RWHPA AIDS Education and Training Centers (AETC) Program participants by race/ethnicity and service delivery to people with HIV, July 2017–June 2018—United States and 3 territories

| | American Indian/ Alaska Native | | Asian | | Black/ African American | | Hispanic/Latino ^a | | Native Hawaiian/ Pacific Islander | | White | | Multiple races | |
|--|-----------------------------------|--------------|--------------|--------------|----------------------------|--------------|------------------------------|--------------|--------------------------------------|--------------|---------------|--------------|----------------|--------------|
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Years of service directly to people with HIV | | | | | | | | | | | | | | |
| ≤ 1 | 47 | 22.0 | 328 | 24.7 | 834 | 18.8 | 735 | 21.8 | 14 | 20.6 | 2,080 | 19.5 | 128 | 19.2 |
| 2–4 | 52 | 24.3 | 357 | 26.8 | 1,010 | 22.8 | 810 | 24.0 | 14 | 20.6 | 2,383 | 22.4 | 166 | 24.9 |
| 5–9 | 51 | 23.8 | 221 | 16.6 | 849 | 19.1 | 649 | 19.2 | 17 | 25.0 | 1,874 | 17.6 | 135 | 20.2 |
| 10–19 | 37 | 17.3 | 266 | 20.0 | 1,139 | 25.7 | 740 | 21.9 | 17 | 25.0 | 2,165 | 20.3 | 141 | 21.1 |
| > 20 | 27 | 12.6 | 158 | 11.9 | 602 | 13.6 | 440 | 13.1 | 6 | 8.8 | 2,147 | 20.2 | 97 | 14.6 |
| Subtotal | 214 | 100.0 | 1,330 | 100.0 | 4,434 | 100.0 | 3,374 | 100.0 | 68 | 100.0 | 10,649 | 100.0 | 667 | 100.0 |
| Percentage of clients with HIV who are racial/ethnic minorities | | | | | | | | | | | | | | |
| None per year | 10 | 5.0 | 74 | 5.5 | 144 | 3.2 | 200 | 5.8 | 6 | 9.1 | 803 | 7.7 | 39 | 5.8 |
| 1–24% per year | 59 | 29.6 | 382 | 28.2 | 774 | 17.2 | 683 | 19.7 | 15 | 22.7 | 2,808 | 26.9 | 133 | 19.9 |
| 25–49% per year | 29 | 14.6 | 281 | 20.7 | 619 | 13.8 | 552 | 15.9 | 15 | 22.7 | 2,036 | 19.5 | 102 | 15.3 |
| 50–74% per year | 33 | 16.6 | 321 | 23.7 | 1,206 | 26.8 | 880 | 25.4 | 14 | 21.2 | 2,593 | 24.8 | 155 | 23.2 |
| > 75% per year | 68 | 34.2 | 299 | 22.0 | 1,758 | 39.1 | 1,156 | 33.3 | 16 | 24.2 | 2,210 | 21.1 | 239 | 35.8 |
| Subtotal | 199 | 100.0 | 1,357 | 100.0 | 4,501 | 100.0 | 3,471 | 100.0 | 66 | 100.0 | 10,450 | 100.0 | 668 | 100.0 |

Note: Percentages are rounded and may not sum to 100.0% as displayed.

^a Hispanics/Latinos can be of any race.

Table 7b. RWHPA AIDS Education and Training Centers (AETC) Program participants by race/ethnicity and service delivery to people with HIV, July 2018–June 2019—United States and 3 territories

| | American Indian/ Alaska Native | | Asian | | Black/ African American | | Hispanic/Latino ^a | | Native Hawaiian/ Pacific Islander | | White | | Multiple races | |
|--|-----------------------------------|--------------|--------------|--------------|----------------------------|--------------|------------------------------|--------------|--------------------------------------|--------------|---------------|--------------|----------------|--------------|
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Years of service directly to people with HIV | | | | | | | | | | | | | | |
| ≤ 1 | 69 | 28.8 | 363 | 27.3 | 1,068 | 22.8 | 902 | 26.2 | 18 | 28.1 | 2,360 | 22.5 | 164 | 22.2 |
| 2–4 | 56 | 23.3 | 378 | 28.4 | 1,024 | 21.8 | 863 | 25.0 | 19 | 29.7 | 2,455 | 23.5 | 201 | 27.2 |
| 5–9 | 50 | 20.8 | 223 | 16.8 | 873 | 18.6 | 620 | 18.0 | 8 | 12.5 | 1,754 | 16.8 | 120 | 16.3 |
| 10–19 | 43 | 17.9 | 229 | 17.2 | 1,107 | 24.0 | 672 | 19.5 | 13 | 20.3 | 1,955 | 18.7 | 164 | 22.2 |
| > 20 | 22 | 9.2 | 136 | 10.2 | 619 | 13.2 | 389 | 11.3 | 6 | 9.4 | 1,943 | 18.6 | 89 | 12.1 |
| Subtotal | 240 | 100.0 | 1,329 | 100.0 | 4,691 | 100.0 | 3,446 | 100.0 | 64 | 100.0 | 10,467 | 100.0 | 738 | 100.0 |
| Percentage of clients with HIV who are racial/ethnic minorities | | | | | | | | | | | | | | |
| None per year | 18 | 7.8 | 141 | 10.5 | 233 | 5.0 | 215 | 6.1 | 3 | 4.5 | 933 | 9.1 | 57 | 7.6 |
| 1–24% per year | 69 | 29.9 | 334 | 24.9 | 819 | 17.5 | 593 | 16.9 | 17 | 25.4 | 2,520 | 24.5 | 129 | 17.1 |
| 25–49% per year | 34 | 14.7 | 267 | 19.9 | 611 | 13.1 | 569 | 16.2 | 15 | 22.4 | 1,956 | 19.0 | 117 | 15.5 |
| 50–74% per year | 33 | 14.3 | 308 | 23.0 | 1,228 | 26.3 | 906 | 25.8 | 14 | 20.9 | 2,759 | 26.8 | 181 | 24.0 |
| > 75% per year | 77 | 33.3 | 291 | 21.7 | 1,787 | 38.2 | 1,226 | 34.9 | 18 | 26.9 | 2,116 | 20.6 | 269 | 35.7 |
| Subtotal | 231 | 100.0 | 1,341 | 100.0 | 4,678 | 100.0 | 3,509 | 100.0 | 67 | 100.0 | 10,284 | 100.0 | 753 | 100.0 |

Note: Percentages are rounded and may not sum to 100.0% as displayed.

^a Hispanics/Latinos can be of any race.

Table 8. RWHP AIDS Education and Training Centers (AETC) Program participants by year and employment setting, July 2014–June 2019—United States and 3 territories

| | July 2014– August 2015 | | September 2015– June 2016 | | July 2016– June 2017 | | July 2017– June 2018 | | July 2018– June 2019 | |
|---|---------------------------|--------------|------------------------------|--------------|-------------------------|----------|-------------------------|--------------|-------------------------|--------------|
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| Employment setting | | | | | | | | | | |
| Academic health center | 6,436 | 8.3 | 4,400 | 8.9 | — | — | 7,341 | 14.9 | 8,425 | 16.8 |
| College/university/health professions school | 3,129 | 4.0 | 2,139 | 4.3 | — | — | — | — | — | — |
| Correctional facility | 4,854 | 6.3 | 2,692 | 5.5 | — | — | 2,194 | 4.5 | 1,761 | 3.5 |
| Emergency department | 6,597 | 8.5 | 3,524 | 7.1 | — | — | 1,290 | 2.6 | 1,044 | 2.1 |
| Family planning clinic | 460 | 0.6 | 375 | 0.8 | — | — | 1,607 | 3.3 | 1,436 | 2.9 |
| Federally qualified health center | 10,775 | 13.9 | 7,204 | 14.6 | — | — | 6,615 | 13.4 | 6,730 | 13.4 |
| HIV clinic | 7,118 | 9.2 | 4,837 | 9.8 | — | — | — | — | — | — |
| HIV or infectious diseases clinic | — | — | — | — | — | — | 7,576 | 15.4 | 8,222 | 16.4 |
| HMO/managed care organization | 846 | 1.1 | 593 | 1.2 | — | — | 772 | 1.6 | 803 | 1.6 |
| Hospital-based clinic | 4,622 | 6.0 | 2,529 | 5.1 | — | — | 4,705 | 9.6 | 4,529 | 9.0 |
| Indian Health Services/tribal clinic | 1,116 | 1.4 | 798 | 1.6 | — | — | 762 | 1.5 | 611 | 1.2 |
| Infectious disease clinic | 1,320 | 1.7 | 1,011 | 2.0 | — | — | — | — | — | — |
| Long-term nursing facility | 879 | 1.1 | 342 | 0.7 | — | — | 463 | 0.9 | 439 | 0.9 |
| Maternal/child health clinic | 237 | 0.3 | 112 | 0.2 | — | — | 964 | 2.0 | 907 | 1.8 |
| Mental health clinic | 1,216 | 1.6 | 742 | 1.5 | — | — | 1,829 | 3.7 | 1,912 | 3.8 |
| Military or veteran's health facility | 570 | 0.7 | 303 | 0.6 | — | — | 433 | 0.9 | 412 | 0.8 |
| Non-health | 1,367 | 1.8 | 926 | 1.9 | — | — | — | — | — | — |
| Not working | 2,353 | 3.0 | 2,111 | 4.3 | — | — | 2,746 | 5.6 | 3,144 | 6.3 |
| Other community-based organization | 6,396 | 8.2 | 4,015 | 8.1 | — | — | 6,145 | 12.5 | 6,547 | 13.0 |
| Other federal health facility | — | — | — | — | — | — | 554 | 1.1 | 515 | 1.0 |
| Other primary care setting | 2,036 | 2.6 | 1,224 | 2.5 | — | — | 3,389 | 6.9 | 3,411 | 6.8 |
| Pharmacy | 2,225 | 2.9 | 1,210 | 2.5 | — | — | 2,759 | 5.6 | 2,693 | 5.4 |
| Private practice | 3,776 | 4.9 | 1,953 | 4.0 | — | — | 2,166 | 4.4 | 1,897 | 3.8 |
| Rural health clinic | 606 | 0.8 | 306 | 0.6 | — | — | — | — | — | — |
| State or local health department | 6,452 | 8.3 | 4,647 | 9.4 | — | — | 5,570 | 11.3 | 5,632 | 11.2 |
| STD clinic | 612 | 0.8 | 465 | 0.9 | — | — | 3,112 | 6.3 | 3,426 | 6.8 |
| Student health clinic | — | — | — | — | — | — | 941 | 1.9 | 1,095 | 2.2 |
| Substance abuse treatment center | 1,589 | 2.0 | 868 | 1.8 | — | — | 1,958 | 4.0 | 1,958 | 3.9 |
| Subtotal | 77,588 | 100.0 | 49,325 | 100.0 | — | — | 49,232 | 100.0 | 50,175 | 100.0 |
| Rural and suburban/urban employment settings | | | | | | | | | | |
| Rural settings only | 14,477 | 19.7 | 9,496 | 20.4 | — | — | 4,787 | 10.9 | 4,015 | 9.0 |
| Both rural and suburban/urban settings ^a | — | — | — | — | — | — | 1,242 | 2.8 | 1,101 | 2.5 |
| Suburban/urban settings only | 58,921 | 80.3 | 37,014 | 79.6 | — | — | 38,061 | 86.3 | 39,350 | 88.5 |
| Subtotal | 73,398 | 100.0 | 46,511 | 100.0 | — | — | 44,090 | 100.0 | 44,466 | 100.0 |
| Faith-based organization | | | | | | | | | | |
| Yes | 4,143 | 5.8 | 2,759 | 6.1 | — | — | — | — | — | — |
| No/do not know | 67,798 | 94.2 | 42,322 | 93.9 | — | — | — | — | — | — |
| Subtotal | 71,941 | 100.0 | 45,081 | 100.0 | — | — | — | — | — | — |
| Organizations that received Ryan White funding | | | | | | | | | | |
| Yes | 31,686 | 52.3 | 21,341 | 53.4 | — | — | 20,973 | 42.2 | 23,211 | 43.3 |
| No | 28,906 | 47.7 | 18,659 | 46.6 | — | — | 16,476 | 33.1 | 15,192 | 28.4 |
| Don't know/not sure | — | — | — | — | — | — | 12,257 | 24.7 | 15,173 | 28.3 |
| Subtotal | 60,593 | 100.0 | 40,000 | 100.0 | — | — | 49,706 | 100.0 | 53,576 | 100.0 |

Abbreviations: HMO, health maintenance organization; STD, sexually transmitted disease.

Notes: Participant data unavailable for July 2016–June 2017.

Participants reporting for July 2014–August 2015 and September 2015–June 2016 selected one primary employment setting; percentages for these years are rounded and may not sum to 100.0% as displayed.

Participants reporting for July 2017–June 2018 and July 2018–June 2019 selected all employment settings that apply. Data for these years are not mutually exclusive; numbers may not sum to the subtotal, and percentages may not sum to 100.0%. The subtotal for employment setting is the number of unique participants who selected at least one employment setting category.

^a Participants who reported more than one employment setting and reported both rural and suburban/urban settings.