BHW Programmatic Data and Resources

NACHC Meeting
November 16, 2022

Elizabeth Kittrie, Senior Advisor, Office of the Associate Administrator
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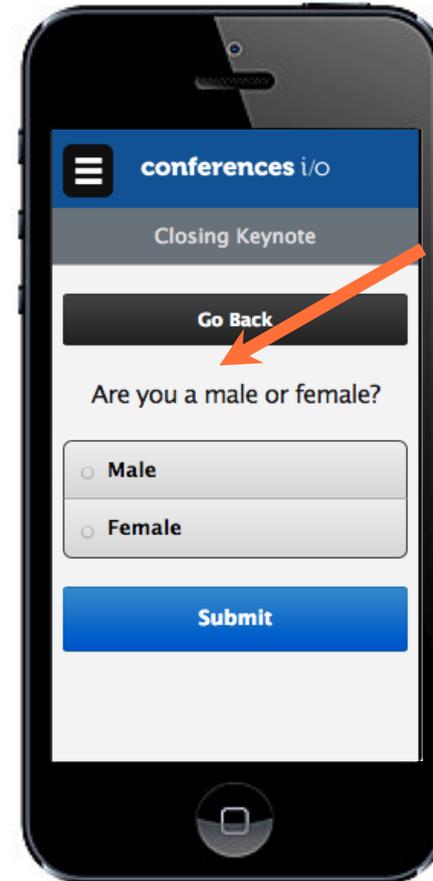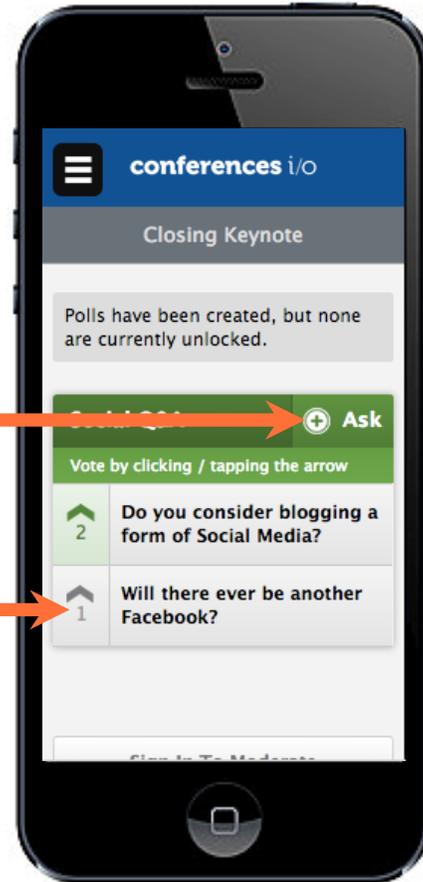**Bureau of Health Workforce**

Vision: Healthy Communities, Healthy People

In-Person Participants

Give us Feedback

Up-Vote a Comment

Click on question and then Respond to Polls when they appear

Vote / Give Feedback/ Respond to Polls

Session Goals

► Build awareness of BHW's data strategy and major assets

► Help you find BHW's public-facing resources

► Demo recently released tools and data resources

► Get your feedback and input on future directions in data development

Agenda

1 •— BHW Data Sources & Systems

2 •— Locating BHW Data Resources

3 •— Demo of BHW Tools

4 •— Discussion and Feedback

5 •— List of Public-Facing Resources

HRSA Health Workforce

Ice Breaker

► What data or information do you wish you could access about the BHW-funded health workforce at the state, national, or community level?

Schema of BHW Data Sources and Systems

Program Administrative & Performance Data

- Loan Repayment and Scholarship Programs
- Grantees
- Sites

Sources: Individuals, Institutions, Sites & Evaluations

System: BMISS and HRSA Electronic Handbooks

Shortage Designation Data

- Health Professional Shortage Areas
- Medically Underserved Areas/Populations
- Maternity Care Target Areas (in development)

Sources: PCOs, Standardized Data (Census, CDC, etc)

System: Shortage Designation Management System

National Research Data

- Workforce Projection Estimates
- Public Use Data Files (survey data)
- Health Workforce Research Center Reports

Source: National Center for Health Workforce Analysis

National Practitioner Data Bank

- Adverse Action Reports
- Medical Malpractice Payments
- Public Use Data File (aggregated data)
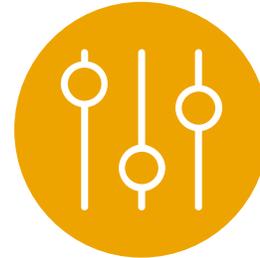
Sources: Registered Entities

System: National Practitioner Data Bank
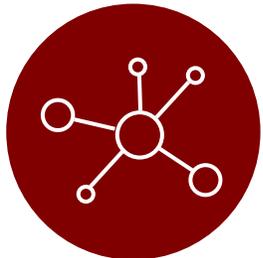
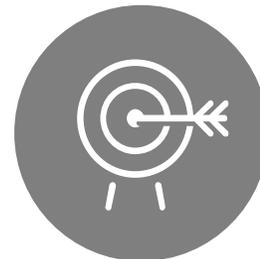HRSA Health Workforce

Main Foci of BHW's Data Strategy

Externalize Key Assets

Provide Self-Service Tools

Leverage Advanced Analytics & Visualization

Engage stakeholders in the development process

Publicly Available Health Workforce Data Resources

Publicly Available Health Workforce Research Information

DEMO of BHW Data Resources on HRSA Data Warehouse

➢ HRSA Data Warehouse

► BHW Footprint Map

► Health Workforce Connector

► Program Applicant Dashboard

► Field Strength Dashboard

► Clinician Dashboard

► Health Professions Training Dashboard

HRSA Data Warehouse

data.HRSA.gov

Health Workforce Data, Tools, and Dashboards

HRSA provides the public with extensive and easy-to-access data on Health Workforce programs, from dashboards on loan and scholarship awards to downloadable data on grant funding for health professions training programs.

Our health workforce programs improve the health of people who need it most. We strengthen the health workforce and connect skilled health care providers to communities in need. Learn more about our Health Workforce programs.

- Central resource for HRSA data and tools

- Health Workforce topics:
  - ✓ Shortage Areas
  - ✓ Program data and tools
  - ✓ National workforce research
  - ✓ National Practitioner Data Bank

Bookmark: data.HRSA.gov

BHW Footprint Map
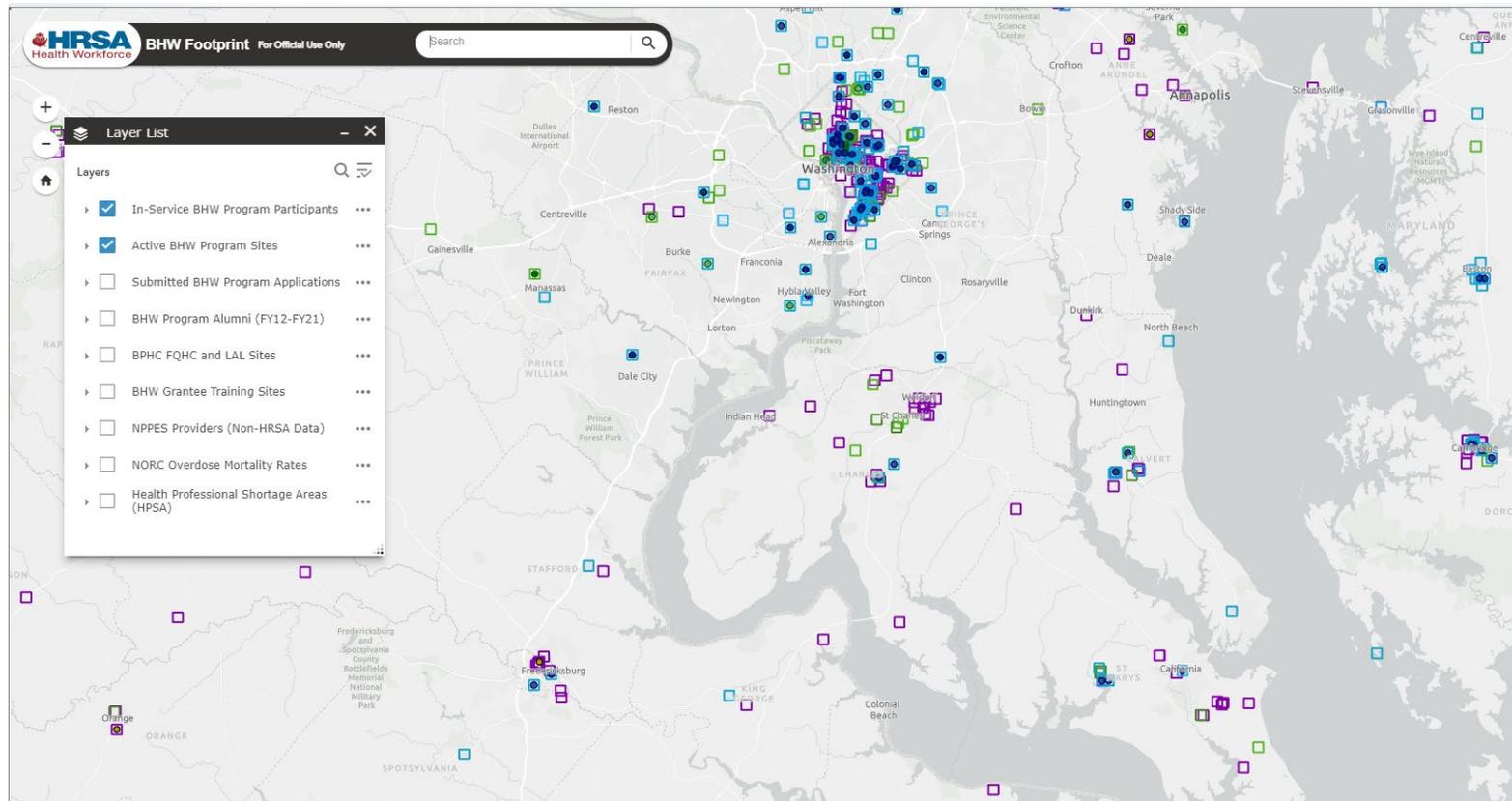
- Interactive mapping application to visualize BHW programs

- Includes information on:
  - ✓ Scholarship and loan repayment programs
  - ✓ Grantee training Sites
  - ✓ Community Health Centers and LAL's
  - ✓ Overdose mortality data
  - ✓ Health Professional Shortage Areas

Health Workforce Connector
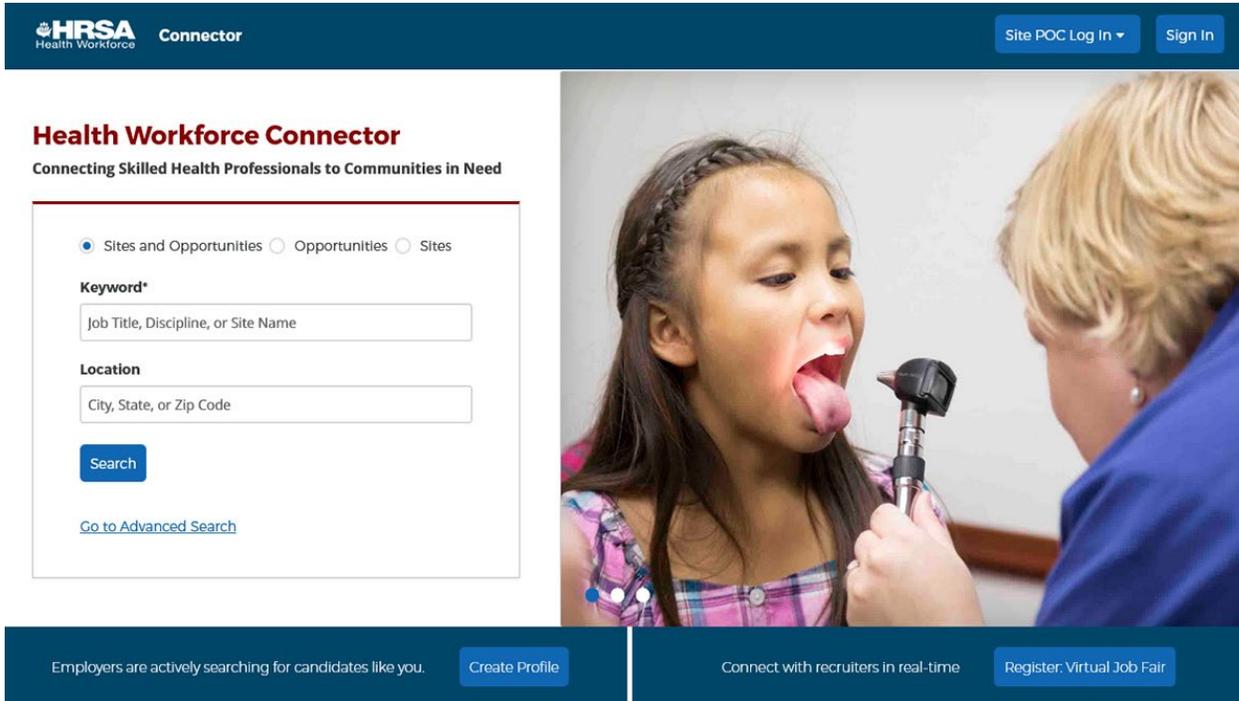
- Where Health Care Professionals Connect with Sites!

- View 45,000 NHSC, Nurse Corps, and STAR LRP approved sites with over 6,000 opportunities available

- Search opportunities by:
  - Field of practice, discipline, or specialty
  - Site name or location
  - HPSA score
  - Sites with training and open positions

- Clinicians can create a career profile and connect directly with approved sites

Program Applicant Dashboards
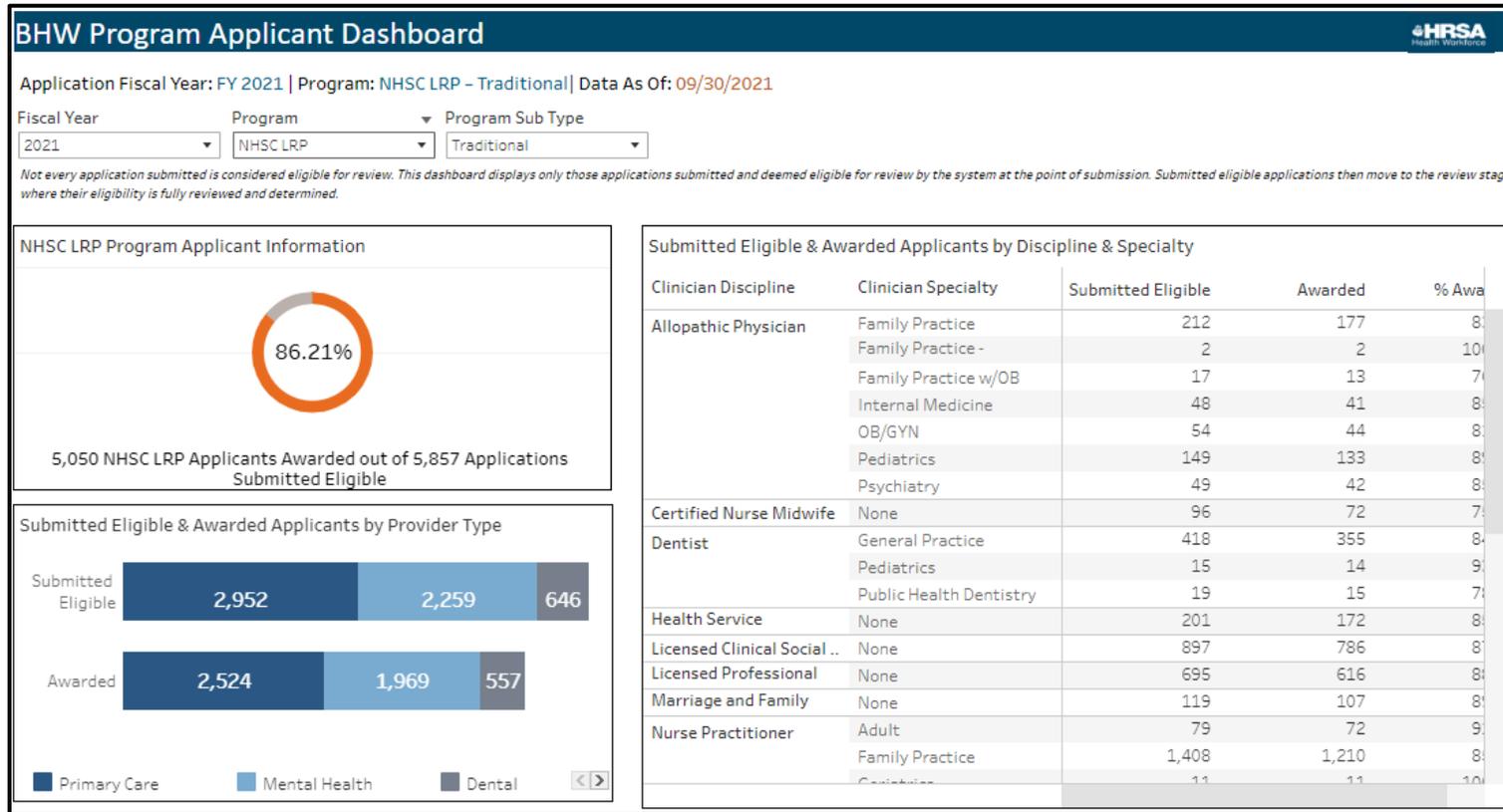
- Explore Applicants and Awards for NHSC and Nurse Corps scholarship and loan repayment programs
  - ✓ By Site Type
  - ✓ By Discipline
  - ✓ By State, County, Congressional district
  - ✓ By race, ethnicity, gender

- Updated annually

Field Strength Dashboards – New Student/Trainee Tab
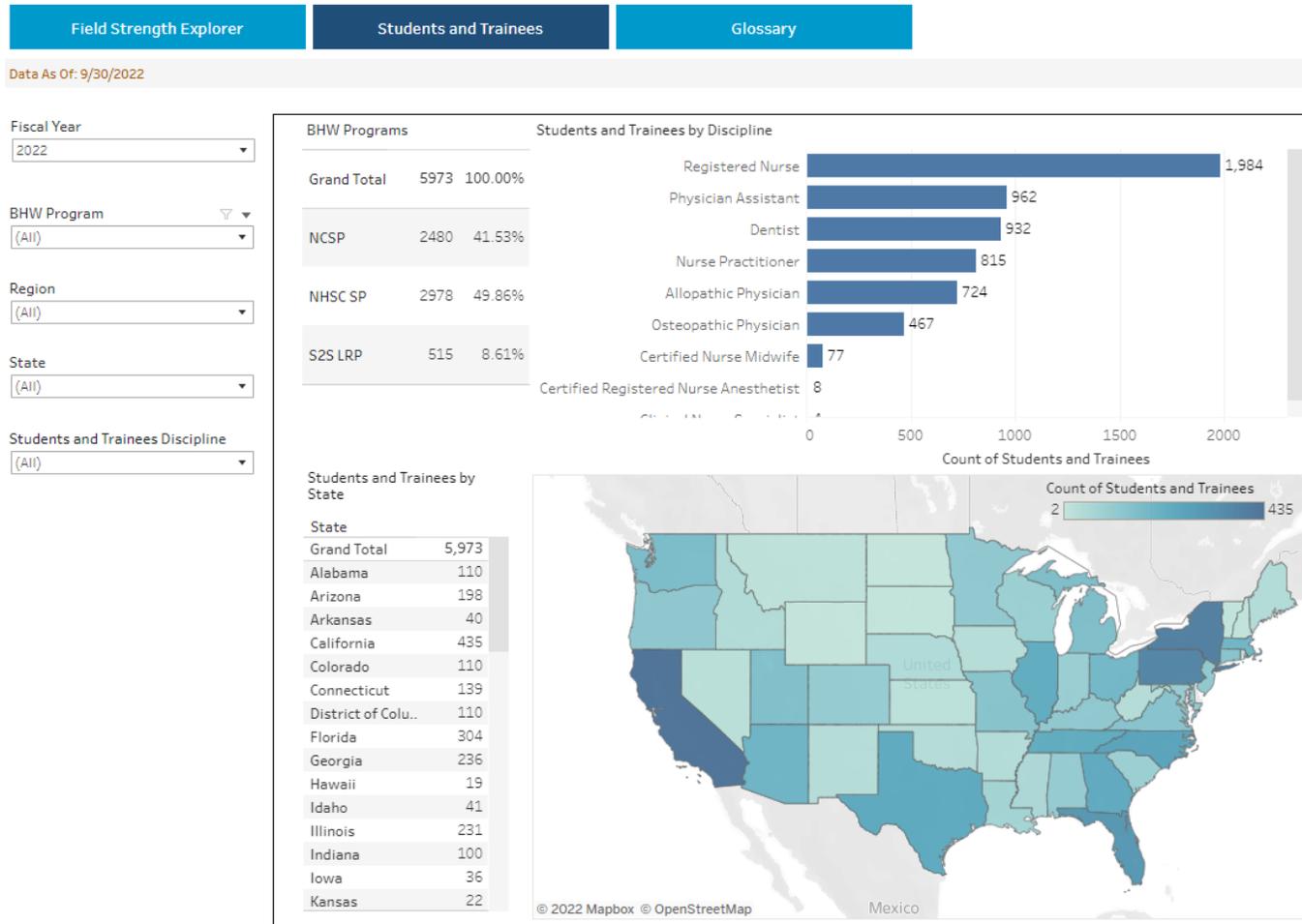
- Provides insight to the NHSC and Nurse Scholarship Programs along with Students-to-Service Loan Repayment Programs

- Shows current number of scholars in school or training at the end of the fiscal year

- Explore by discipline, program, state and fiscal year

Clinician Dashboards

Explore the Alumni Clinician Dashboards

Post-Service Retention of NHSC and Nurse Corps Alumni who completed Service between FY2012 - FY2020
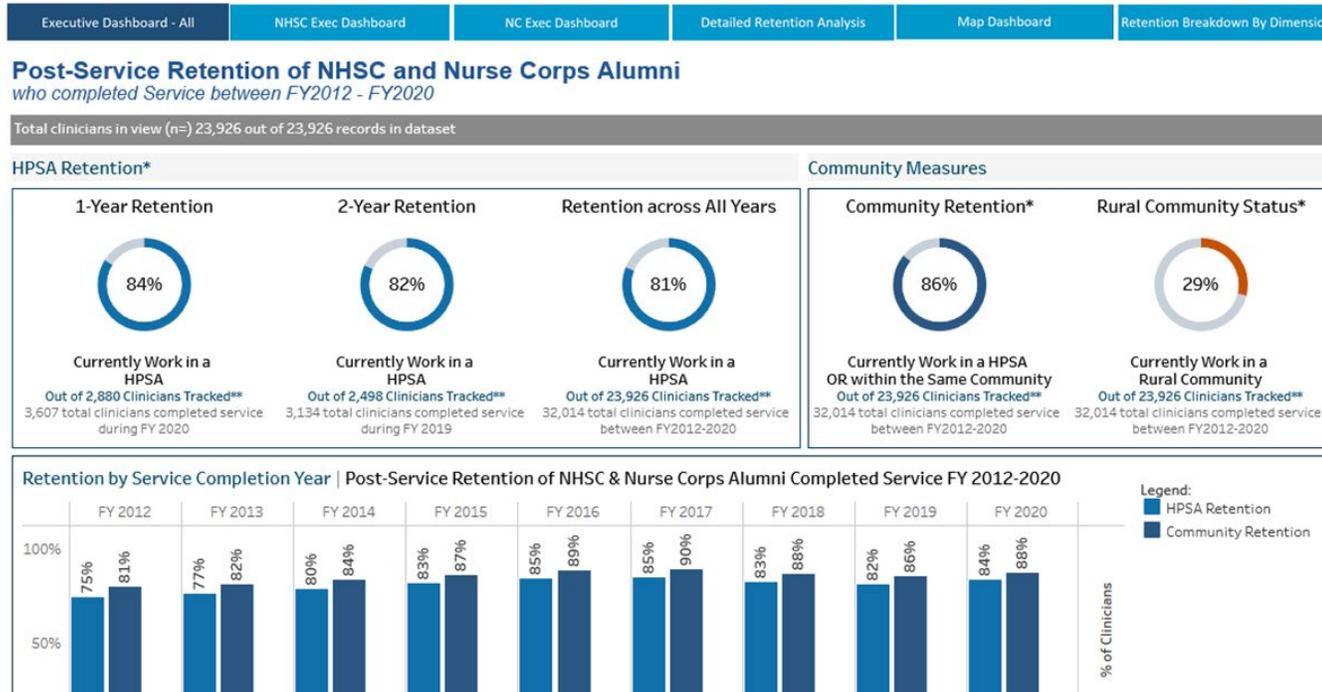
- View alumni retention data for National Health Service Corps and Nurse Corps loan repayment and scholarship programs from 2012-2020

- Analyze results for specific subsets of the data by filtering on various clinician, program, location, and site attributes

- View alumni distribution of our NHSC, Nurse Corps, Teaching Health Centers, and Children's Hospitals programs

- Analyze retention results on a map of the United States

Health Professions Training Programs

Explore Health Professions Training Programs

| Home Dashboard | Participant Summary | Participant Demographics | Graduate Follow-up | Sites Information | Courses Developed |

Select Academic Year
2020 - 2021

Information Disclaimer:
The information provided using this web site is only intended to be general summary information. It is not intended to take the place of final reported budget numbers or data found in other HRSA public documents.
Note: Each segment below represents summary data. Click on the text/numbers to navigate to the respective dashboards.

Who?
Participants Trained
374,537

Faculty Trained
215,183

Where?
Training Sites
19,932

What?
Training Programs Offered
8,926

Courses Developed or Enhanced
27,409

- Search data on grantees of HRSA's 40+ health workforce training programs

- Search for grantee information by state and program

- Find data on participant demographics, program graduates and courses developed

- Updated annually

Discussion

► What feedback do you have for us on these pages or tools?

► What additional BHW data and information would be helpful to you?

User Feedback

► Send feedback on tools or ideas for new public-facing health workforce resources to BHWData@hrsa.gov.

► Do you want to volunteer to provide feedback on a new HRSA-wide data tool we are developing to showcase locations of all our sites and services?

Listing of Public Facing Resources

As of November 2022

National Health Workforce Data Resources

Resource	Description	Data Dashboard/Tools
Health Workforce Projection Tool https://data.hrsa.gov/topics/health-workforce/workforce-projections	An interactive tool, based on HRSA's microsimulation model, that visualizes the supply of and demand of health professionals	• Interactive visualization tool
Area Health Resource Files https://data.hrsa.gov/topics/health-workforce/ahrf	Information resource with 8,000 variables from 50 sources covering a wide range of health care data at the county, state and national levels	• Downloadable data files • AHRF visualization tool (Clinician Workforce and Diversity Modules)
Nursing Workforce Survey Data https://data.hrsa.gov/topics/health-workforce/nursing-workforce-dashboards https://data.hrsa.gov/topics/health-workforce/nursing-workforce-survey-data	National-level sample survey data from the National Sample Survey of Registered Nurses on the supply, use, access, need, and demand for registered nurses and nurse practitioners	• Interactive Workforce Nursing Tool • Downloadable data from the National Sample Survey of Registered Nurses (RN and NP files)
Shortage Designation https://data.hrsa.gov/topics/health-workforce/health-workforce-shortage-areas	Designation information on Health Professional Shortage Areas (HPSAs) and Medically Underserved Areas/Populations (MUA/P)	• Find/locator tools for HPSAs and MUA/Ps • Explorer tool filterable by shortage type, score, and rural status • HPSA Federal Register Notice Information • Medicare Physician Bonus Payment Eligibility Analyzer
National Practitioner Data Bank https://data.hrsa.gov/topics/health-workforce/npdb	National repository of medical malpractice and adverse actions related to health care practitioners, providers, and suppliers	• Public use data file • NPDB data analysis tool • Compliance visualization tool

BHW Service Program Data Resources

Resource	Description	Data Dashboard/Tools
Bureau of Health Workforce Program Applicant Dashboards https://data.hrsa.gov/topics/health-workforce/applicant-dashboards	Interactive tool that provides users with demographic information related to applicants and awardees of the NHSC and Nurse Corps programs	• Search tool • Filter by discipline, provider type, type, site, race/ethnicity or geographic location
Bureau of Health Workforce Field Strength Dashboards https://data.hrsa.gov/topics/health-workforce/field-strength	NHSC, Nurse Corps and STAR LRP participants employed as of 9/30 of a specific fiscal year	• Filterable dashboard and map • Exportable data files
Bureau of Health Workforce Clinician Dashboards https://data.hrsa.gov/topics/health-workforce/clinician-dashboards	Retention and location data of NHSC, Nurse Corps, THCGME, and CHGME alumni	• Filterable dashboard and map • Exportable data files
Health Workforce Connector https://connector.hrsa.gov/connector/	Interactive tool allows users to search and locate open job opportunities and training sites by a range of criteria (geography, HPSA score, clinician type) and post profiles	• Search tool • Exportable files with listings of open sites or job opportunities
Scholar Pipeline https://data.hrsa.gov/data/download?data=SCH#SCH	View data for National Health Service Corps and Nurse Corps scholars currently receiving their education or in placements	• Downloadable file

BHW Training Program Data Resources

Resource	Description	Data Dashboard/Tools
BHW Footprint Map https://data.hrsa.gov/topics/health-workforce/bhw-footprint	Interactive map that provides a comprehensive view of BHW assets, including BHW program sites, in-service BHW program participants, submitted eligible BHW applications, Health Professional Shortage Areas (HPSAs), and other relevant health workforce datasets.	• Interactive Map • Exportable data files
Health Professions Training Programs https://data.hrsa.gov/topics/health-workforce/training-programs	Information on HRSA training programs including demographic summaries of trainees by program and year, locations and types of clinical training sites, and types of curricula developed for trainees, faculty, and CE	• Interactive dashboard • Exportable data files
Grantee Score Card* https://intranet.hrsa.gov/hrsanet	Tool for grantees to benchmark their performance – available through EHB only to grantees and their project officers	• Dashboard viewable only to grantees and their project officers
Program Accomplishments & Outcomes https://bhw.hrsa.gov/data-research/review-health-workforce-research	Evaluations of program impact for 15 of BHW's programs exploring program characteristics, clinical training settings, and sharing notable highlights.	• Downloadable reports with publicly available information about outcomes • More evaluations expected this fall

* = available for grantees only on EHB portal

HRSA and BHW Grantee Data Resources

Resource	Description	Data Dashboard/Tools
HRSA Fact Sheets https://data.hrsa.gov/maps/fact-sheet-maps/	View HRSA grant totals at national, regional, state, county, and Congressional district level	• Downloadable reports
Explore Grant Tool **Find Grant Tool** https://data.hrsa.gov/topics/grants	Find funded grants by program areas, funding levels, and location Search for HRSA awarded grants and abstracts	• Filterable tool • Downloadable abstracts
HRSA Map Tool https://data.hrsa.gov/maps/map-tool/	Customizable map with data with a variety of HRSA data; users can import data from web or upload CSV files to further customize	• Customizable map
AHEC Directory https://data.hrsa.gov/data/reports/datagrid?gridName=AHECDirectoryReport	Directory of all Area Health Education Centers with contact information	• Filterable report
Health Professions Loan Grantee Report https://data.hrsa.gov/data/reports/datagrid?gridName=HealthProfessionsLoanGrantees	Table of all loan grantee programs, filterable by state	• Filterable report

Health Workforce Research Resources

Resource	Description	Data Dashboard/Tools
Supply and Demand Projections Reports https://bhw.hrsa.gov/data-research/projecting-health-workforce-supply-demand	Using HRSA's microsimulation model, NCHWA projects the supply of and demand for health professionals for a range of disciplines (users can find recent and archived reports on a wide range of occupations and topics)	• Downloadable reports and fact sheets
Workforce Research Reports https://bhw.hrsa.gov/data-research/review-health-workforce-research	Key reports including: • Sex, race and ethnic diversity of U.S. health occupations • Rural and non-rural health workforce estimates • Health workforce chart book • Health workforce state profiles	• Downloadable reports
Nursing Education and Training Reports https://bhw.hrsa.gov/data-research/access-data-tools	• NCHWA analysis of nursing education and training characteristics the U.S.	• Downloadable report • Links to NSSRN files and survey instrument
Find a Health Workforce Research Center https://bhw.hrsa.gov/data-research/health-workforce-research-centers	Links to the nine national health workforce research centers supported by HRSA. Research conducted by these entities occurs under cooperative agreement and products and reports are shared with the public.	• Links to the HWRCs contain overviews of the research being conducted • Health Workforce Technical Assistance Center Resources

Health Workforce Data Policy Resources

Resource	Description	Data Dashboard/Tools
Compendium of Federal Data Sources to Support Health Workforce Analysis https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy	Links to over 38 data sources from key federal agencies that support health workforce data collection and analysis	• Compendium
Partner Resources https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy	Resources developed by the Health Workforce Research Centers to assist in Health Workforce Data Collections	• White papers • FAQs
Minimum Data Sets https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy	Minimum data sets help to ensure national databases use consistent core data elements for demographic, educational, credentialing and practice characteristics of health professionals	• Compilation of minimum data sets created by national boards, councils, and associations
Standard Occupational Classifications https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy	Federal taxonomy of occupational classification utilized by the Bureau of Labor Statistics and the Office of Management and Budget to classify and characterize the workforce	• Links and webcast presentation

Contact Us

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