



# Health Workforce Data Resources

December 11, 2024

**Bureau of Health Workforce (BHW)**

**Vision: Healthy Communities, Healthy People**



# Agenda

- 1 • Where to find BHW Data Resources
- 2 • Demo of BHW Pages and Tools
- 3 • Questions & Feedback
- 4 • List of Public Facing Resources

# Where to find BHW Data Resources

- Go to [data.hrsa.gov](https://data.hrsa.gov)
- Topics > Health Workforce

The screenshot shows the website [data.HRSA.gov](https://data.hrsa.gov). The browser address bar displays the URL. The page header includes the Health Resources & Services Administration logo and the U.S. Department of Health & Human Services. The main navigation bar contains links for Home, Find Health Care, Data, Maps, Tools, Topics, and Help. The 'Topics' dropdown menu is open, showing a list of categories including Grants, Health Centers, Health Workforce, Health Systems, Healthcare and Service Delivery Site, HIV/AIDS and Ryan White, HRSA Special Initiatives, Maternal and Child Health, and Rural Health. A red arrow points from the 'Topics' dropdown to the 'Health Workforce' link. The 'Health Workforce' link is underlined and has a red arrow pointing to it from the right. Below the navigation bar, there is a featured article about the HRSA Organ Donation and Transplantation Network (OPTN) with a 'View the OPTN Dashboard' button. Below that, there are three buttons: 'Find a Health Center', 'Find a Ryan White HIV/AIDS Medical Provider', and 'Find an Organ Transplant Program'. At the bottom, there is a section for 'COVID-19 Operations'.





# Where to find BHW Data Resources

- Scroll down and select the **Bureau of Health Workforce Program Data and Tools** link (or the **View Program Data** button)



The screenshot shows the website <https://data.hrsa.gov/topics/health-workforce>. The page header includes the Health Resources & Services Administration logo and the U.S. Department of Health & Human Services. The main navigation menu has links for Home, Find Health Care, Data, Maps, Tools, Topics, and Help. A search bar is located in the top right corner. The main content area features a large heading: "Health Workforce Data, Tools, and Dashboards". Below the heading, there is a paragraph: "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." Another paragraph follows: "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](#)." The background of the main content area shows a group of healthcare professionals in blue scrubs.



# Types of questions you can answer using BHW Resources

1. What are the projected shortages of clinicians in my state?

[Workforce Projections](#)

2. Can I see a demographic breakdown of Advanced Practice Registered Nurses?

[Nursing Workforce Dashboard](#)

3. Can I see program participants who are currently fulfilling their service commitments at approved health care sites in my state?

[Field Strength Dashboard](#)

4. What is the retention of clinicians in my state?

[BHW Clinician Dashboards](#)

5. How many clinicians submitted applications to NHSC and how many were awarded?

[BHW Program Applicant Dashboards](#)

6. Can I see a map with NHSC sites, participants, and HPSAs in my state?

[BHW Footprint Map](#)

7. What BHW program sites have career opportunities?

[Health Workforce Connector](#)



# Discussion

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

As you utilize these tools, or have ideas for data releases, please send feedback to [BHWData@hrsa.gov](mailto:BHWData@hrsa.gov)



# Appendix



# Appendix of Public-Facing Resources

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- ▶ The Appendix lists data resources we recently compiled as of Dec. 2024.
- ▶ It is meant to help guide you to key BHW resources. BHW's data resources are constantly evolving so use this as *starting point* for understanding the vast amount of resources BHW makes available that you can use.





# National Health Workforce Data Resources

Resource	Description	Data Dashboard/Tools
<b>Health Workforce Projection Tool</b> <a href="https://data.hrsa.gov/topics/health-workforce/workforce-projections">https://data.hrsa.gov/topics/health-workforce/workforce-projections</a>	An interactive tool, based on HRSA’s microsimulation model, that visualizes the supply of and demand of health professionals	<ul style="list-style-type: none"> <li>Interactive visualization tool</li> </ul>
<b>Area Health Resources Files</b> <a href="https://data.hrsa.gov/topics/health-workforce/ahrf">https://data.hrsa.gov/topics/health-workforce/ahrf</a>	Information resource with 8,000 variables from 50 sources covering a wide range of health care data at the county, state and national levels	<ul style="list-style-type: none"> <li>Downloadable data files</li> <li>AHRF visualization tool (Clinician Workforce and Diversity Modules)</li> </ul>
<b>Nursing Workforce Survey Data</b> <a href="https://data.hrsa.gov/topics/health-workforce/nursing-workforce-survey-data">https://data.hrsa.gov/topics/health-workforce/nursing-workforce-survey-data</a>	National-level sample survey data on the supply, use, access, need, and demand for registered nurses and nurse practitioners	<ul style="list-style-type: none"> <li>Downloadable data from the National Sample Survey of Registered Nurses (RN and NP files)</li> <li>Interactive Workforce Nursing Tool coming soon</li> </ul>
<b>Shortage Designation</b> <a href="https://data.hrsa.gov/topics/health-workforce/health-workforce-shortage-areas">https://data.hrsa.gov/topics/health-workforce/health-workforce-shortage-areas</a>	Designation information on Health Professional Shortage Areas (HPSAs) and Medically Underserved Areas/Populations (MUA/P)	<ul style="list-style-type: none"> <li>Find/locator tools for HPSAs and MUA/Ps</li> <li>Explorer tool filterable by shortage type, score, and rural status</li> <li>HPSA Federal Register Notice Information</li> <li>Medicare Physician Bonus Payment Eligibility Analyzer</li> </ul>
<b>National Practitioner Data Bank</b> <a href="https://data.hrsa.gov/topics/health-workforce/npdb">https://data.hrsa.gov/topics/health-workforce/npdb</a>	National repository of medical malpractice and adverse actions related to health care practitioners, providers, and suppliers	<ul style="list-style-type: none"> <li>Public use data file</li> <li>NPDB data analysis tool</li> <li>Compliance visualization tool</li> </ul>



# BHW Service Program Data Resources

Resource	Description	Data Dashboard/Tools
<b>Bureau of Health Workforce Program Applicant Dashboards</b> <a href="https://data.hrsa.gov/topics/health-workforce/applicant-dashboards">https://data.hrsa.gov/topics/health-workforce/applicant-dashboards</a>	Interactive tool that provides users with demographic information related to applicants and awardees of the NHSC and Nurse Corps programs	<ul style="list-style-type: none"> <li>• Search tool</li> <li>• Filter by discipline, provider type, type, site, race/ethnicity or geographic location</li> </ul>
<b>Bureau of Health Workforce Field Strength Dashboards</b> <a href="https://data.hrsa.gov/topics/health-workforce/field-strength">https://data.hrsa.gov/topics/health-workforce/field-strength</a>	NHSC and Nurse Corps participants employed as of 9/30 of a specific fiscal year	<ul style="list-style-type: none"> <li>• Filterable dashboard and map</li> <li>• Exportable data files</li> </ul>
<b>Bureau of Health Workforce Clinician Dashboards</b> <a href="https://data.hrsa.gov/topics/health-workforce/clinician-dashboards">https://data.hrsa.gov/topics/health-workforce/clinician-dashboards</a>	Retention and location data of NHSC, Nurse Corps, THCGME, and CHGME alumni	<ul style="list-style-type: none"> <li>• Filterable dashboard and map</li> <li>• Exportable data files</li> </ul>
<b>Health Workforce Connector</b> <a href="https://connector.hrsa.gov/connector/">https://connector.hrsa.gov/connector/</a>	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	<ul style="list-style-type: none"> <li>• Search tool</li> <li>• Exportable files with listings of open sites or job opportunities</li> </ul>
<b>Scholar Pipeline</b> <a href="https://data.hrsa.gov/data/download?data=SCH#SCH">https://data.hrsa.gov/data/download?data=SCH#SCH</a>	View data for National Health Service Corps and Nurse Corps scholars currently receiving their education or in placements	<ul style="list-style-type: none"> <li>• Downloadable file</li> </ul>
<b>BHW Footprint Map</b> <a href="https://data.hrsa.gov/topics/health-workforce/bhw-footprint">https://data.hrsa.gov/topics/health-workforce/bhw-footprint</a>	An interactive mapping application that provides a comprehensive view of BHW assets	<ul style="list-style-type: none"> <li>• Filterable map</li> <li>• Exportable data files</li> </ul>



# BHW Training Program Data Resources

Resource	Description	Data Dashboard/Tools
<p><b>Health Professions Training Programs</b></p> <p><a href="https://data.hrsa.gov/topics/health-workforce/training-programs">https://data.hrsa.gov/topics/health-workforce/training-programs</a></p>	<p>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</p>	<ul style="list-style-type: none"> <li>• Interactive dashboard</li> <li>• Exportable data files</li> </ul>
<p><b>Program Accomplishments &amp; Outcomes</b></p> <p><a href="https://bhw.hrsa.gov/data-research/review-health-workforce-research">https://bhw.hrsa.gov/data-research/review-health-workforce-research</a></p>	<p>Evaluations of program impact for 15 of BHW's programs exploring program characteristics, clinical training settings, and sharing notable highlights.</p>	<ul style="list-style-type: none"> <li>• Downloadable reports with publicly available information about outcomes</li> <li>• More evaluations expected this fall</li> </ul>
<p><b>Nursing Workforce Dashboard</b></p> <p><a href="https://data.hrsa.gov/topics/health-workforce/nursing-workforce-dashboards">https://data.hrsa.gov/topics/health-workforce/nursing-workforce-dashboards</a></p>	<p>Gain an understanding of the nursing workforce by visualizing the results of the National Sample Survey of Registered Nurses (NSSRN).</p>	<ul style="list-style-type: none"> <li>• Analyze the survey responses for specific geographic locations, license types, and employment status</li> <li>• Accurately understand the composition of the nursing workforce.</li> </ul>

# HRSA and BHW Grantee Data Resources

Resource	Description	Data Dashboard/Tools
<b>HRSA Fact Sheets</b> <a href="https://data.hrsa.gov/maps/fact-sheet-maps/">https://data.hrsa.gov/maps/fact-sheet-maps/</a>	View HRSA grant totals at national, regional, state, county, and Congressional district level	<ul style="list-style-type: none"> <li>Downloadable reports</li> </ul>
<b>Explore Grant Tool</b> <b>Find Grant Tool</b> <a href="https://data.hrsa.gov/topics/grants">https://data.hrsa.gov/topics/grants</a>	Find funded grants by program areas, funding levels, and location Search for HRSA awarded grants and abstracts	<ul style="list-style-type: none"> <li>Filterable tool</li> <li>Downloadable abstracts</li> </ul>
<b>HRSA Map Tool</b> <a href="https://data.hrsa.gov/maps/map-tool/">https://data.hrsa.gov/maps/map-tool/</a>	Customizable map with data with a variety of HRSA data; users can import data from web or upload CSV files to further customize	<ul style="list-style-type: none"> <li>Customizable map</li> </ul>
<b>AHEC Directory</b> <a href="https://data.hrsa.gov/data/reports/datagrid?gridName=AHECDirectoryReport">https://data.hrsa.gov/data/reports/datagrid?gridName=AHECDirectoryReport</a>	Directory of all Area Health Education Centers with contact information	<ul style="list-style-type: none"> <li>Filterable report</li> </ul>
<b>Health Professions Loan Grantee Report</b> <a href="https://data.hrsa.gov/data/reports/datagrid?gridName=HealthProfessionsLoanGrantees">https://data.hrsa.gov/data/reports/datagrid?gridName=HealthProfessionsLoanGrantees</a>	Table of all loan grantee programs, filterable by state	<ul style="list-style-type: none"> <li>Filterable report</li> </ul>



# Health Workforce **Research** Resources

Resource	Description	Data Dashboard/Tools
<p><b>Supply and Demand Projections Reports</b></p> <p><a href="https://bhw.hrsa.gov/data-research/projecting-health-workforce-supply-demand">https://bhw.hrsa.gov/data-research/projecting-health-workforce-supply-demand</a></p>	<p>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)</p>	<ul style="list-style-type: none"> <li>Downloadable reports and fact sheets</li> </ul>
<p><b>Workforce Research Reports</b></p> <p><a href="https://bhw.hrsa.gov/data-research/review-health-workforce-research">https://bhw.hrsa.gov/data-research/review-health-workforce-research</a></p>	<p>Reports on:</p> <ul style="list-style-type: none"> <li>Primary care workforce</li> <li>Behavioral health workforce</li> <li>Maternal care workforce</li> <li>Overview of the U.S. healthcare workforce</li> </ul>	<ul style="list-style-type: none"> <li>Downloadable reports</li> </ul>
<p><b>Nursing Research</b></p> <p><a href="https://bhw.hrsa.gov/data-research/access-data-tools/national-sample-survey-registered-nurses">https://bhw.hrsa.gov/data-research/access-data-tools/national-sample-survey-registered-nurses</a></p>	<p>Reports on:</p> <ul style="list-style-type: none"> <li>Nursing education and training</li> <li>Experience during the pandemic</li> <li>Job satisfaction</li> </ul>	<ul style="list-style-type: none"> <li>Downloadable reports</li> <li>Links to NSSRN files and survey instrument</li> </ul>
<p><b>Find a Health Workforce Research Center</b></p> <p><a href="https://bhw.hrsa.gov/data-research/health-workforce-research-centers">https://bhw.hrsa.gov/data-research/health-workforce-research-centers</a></p>	<p>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.</p>	<ul style="list-style-type: none"> <li>Links to the HWRCs contain overviews of the research being conducted</li> <li>Health Workforce Technical Assistance Center Resources</li> </ul>





# Health Workforce **Data Policy** Resources

Resource	Description	Data Dashboard/Tools
<p><b>Compendium of Federal Data Sources to Support Health Workforce Analysis</b></p> <p><a href="https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy">https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy</a></p>	<p>Links to over 38 data sources from key federal agencies that support health workforce data collection and analysis</p>	<ul style="list-style-type: none"> <li>• Compendium</li> </ul>
<p><b>Partner Resources</b></p> <p><a href="https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy">https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy</a></p>	<p>Resources developed by the Health Workforce Research Centers to assist in Health Workforce Data Collections</p>	<ul style="list-style-type: none"> <li>• White papers</li> <li>• FAQs</li> </ul>
<p><b>Minimum Data Sets</b></p> <p><a href="https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy">https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy</a></p>	<p>Minimum data sets help to ensure national databases use consistent core data elements for demographic, educational, credentialing and practice characteristics of health professionals</p>	<ul style="list-style-type: none"> <li>• Compilation of minimum data sets created by national boards, councils, and associations</li> </ul>
<p><b>Standard Occupational Classifications</b></p> <p><a href="https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy">https://bhw.hrsa.gov/data-research/explore-health-workforce-data-policy</a></p>	<p>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</p>	<ul style="list-style-type: none"> <li>• Links and webcast presentation</li> </ul>



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