

Nationally Available State-Level Health Workforce Data

- [Compendium of Federal Data Sources to Support Health Workforce Analysis](#), Report from HRSA
- [Bureau of Health Workforce Data, Tools, and Dashboards](#), HRSA Data Warehouse

Profession	Data Source	Data Elements	How to Use	Data Considerations
Physicians, Dentists, Nurses	Professional Associations <ul style="list-style-type: none"> • American Medical Association Physician Masterfile • American Dental Association – Dentist Masterfile • National Council of State Boards of Nursing – Nursing Workforce Study • National Council of State Boards of Nursing – NURSYS 	Depends on specific source	Can be accessed from respective websites	Depends on specific source, but can be found in the data methodology for each source
All	HRSA Health Workforce Research Centers: <ul style="list-style-type: none"> • Health Workforce Technical Assistance Center (HWTAC) • Health Practice Workforce Research Center • Health Workforce Education Research Center • Oral Health Workforce Research Center • Health Workforce Research Center on Long-Term Care • Behavioral Health Workforce Research Center • Program on Health Workforce Research and Policy • Allied Health • Health Equity • Public Health 	Contains various health workforce reports with analyses using secondary or primary data	Can be used to investigate a certain issue (ex: rural communities or dentists providing care to special populations)	N/A

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Physicians, Dentists, Mental Health Professionals	HRSA– Shortage Designations	State or county level information on health professional shortage areas, including HPSA score (degree of shortage) and how many FTE would be needed to relieve shortage	Can be used for geographic assessments of workforce contributions	Contains information on HPSA FTE Shortage (i.e., total number of provider FTE needed to be at sufficient capacity)
Many professions	HRSA– Area Health Resources File	Depends on profession selected, but generally includes counts and population-to-provider rates	Can be used for comparison of similar data variables across many health professions; Includes visualization tool and downloadable files	Sourced from various secondary sources
Many professions	HRSA– Bureau of Health Workforce Field Strength Dashboards	Data related HRSA health workforce development program participants. Available by year, state, program type, profession type and many other categories	Can be used to assess state program participation and compare across states	N/A
Many professions	HRSA– Bureau of Health Workforce Clinician Dashboards	Retention and location data of NHSC, Nurse Corps, THCGME, and CHGME alumni	Can be used to assess health professions program outcomes	N/A

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Many professions	HRSA-Health Workforce Connector	Interactive tool allows users to search and locate open job opportunities, service sites, and training sites by a range of criteria (geography, HPSA score, clinician type) and post profiles	Access via search tool and can export files with open jobs	Includes only designated sites (Currently includes only designated NHSC, Nurse Corps, and STAR LRP sites)
Registered Nurses, Nurse Practitioners (depending on year)	HRSA Nursing Workforce Survey Data	Demographic, education, employment and practice data	Can be downloaded from website in various formats, including forthcoming visualizations. Can be used to obtain a cross-sectional analysis of nurses in a select year or for longitudinal analyses. Some state-level information is also available	Sample survey, but represents the largest sample of RNs and NPs in the US
Many professions	HRSA-National Practitioner Data Bank	Includes information regarding adverse actions or medical malpractice	Can be queried via website	A practitioner may be counted in many states. Sources include: state licensure and certification actions, clinical privileges/panel membership and professional society membership actions and HHS/OIG and DEA actions
Many professions	HRSA-Workforce Projections Dashboard & Workforce Projections Reports	Supply and demand projections at the state and national levels	Accessible via dashboard, includes analytic supports	Methodology can be accessed via HRSA website

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Providers with an NPI	NPI-NPPES	Includes NPI, Type, Mailing and Practice addresses, Taxonomy	Download a full dissemination file from CMS.gov	Includes NPI data for all professions, requiring extensive verification and formatting; easiest using a coding software Files are replaced monthly with updated information on NPI activation status
All	Bureau of Labor Statistics	Employment estimates, outlook and wage for all occupations, including oral health workers. Depending on counts, may be available by lower geographies (such as regional or county). Can be used for inter- or intra-state estimates	Can be downloaded from website	Sourced from employer surveys and as such may not be representative of solo practitioners
All	HRSA-National Practitioner Data Bank <ul style="list-style-type: none"> • Data Analysis Tool • Public Use Data File (PUF) 	The NPDB's data tool include aggregate and deidentified information regarding adverse actions and medical malpractice payments	Data tools accessible via website (https://www.npdb.hrsa.gov/). Eligible entities may query the NPDB for information about specific practitioners, providers, and suppliers.	The NPDB only includes information regarding the practitioners, providers, suppliers, and organizations that have been the subject of NPDB reports; Before downloading the PUF, requesters must agree to abide by a Data Use Agreement via the website; Sources include: state licensure and certification actions, clinical privileges/panel membership and professional society membership actions and HHS/OIG and DEA actions, as well as medical malpractice payments made on behalf of individuals.