

Health Workforce Data Collection: Findings from a Survey of States

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Health Workforce Interest Group

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- The information, conclusions and opinions expressed in this presentation are those of the authors and do not necessarily represent positions of HRSA

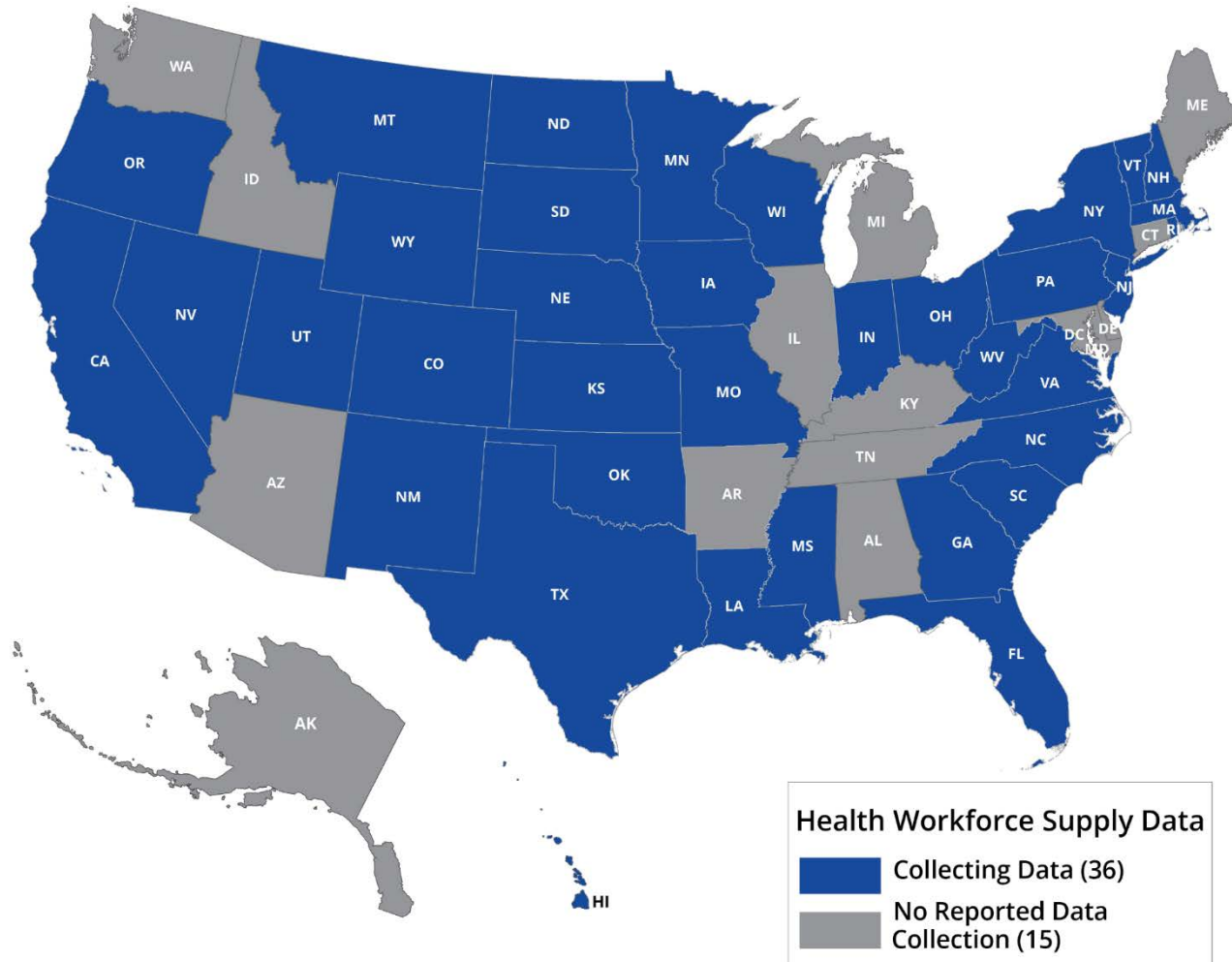
Background

- Growing interest in developing state health workforce data collection and monitoring systems
- Driven in part by policy initiatives that are reshaping health care delivery
 - Need to better understand supply and distribution of health professionals
 - Need to assess the adequacy of the primary care workforce
 - Need to understand the relationship between access to care and health workforce availability

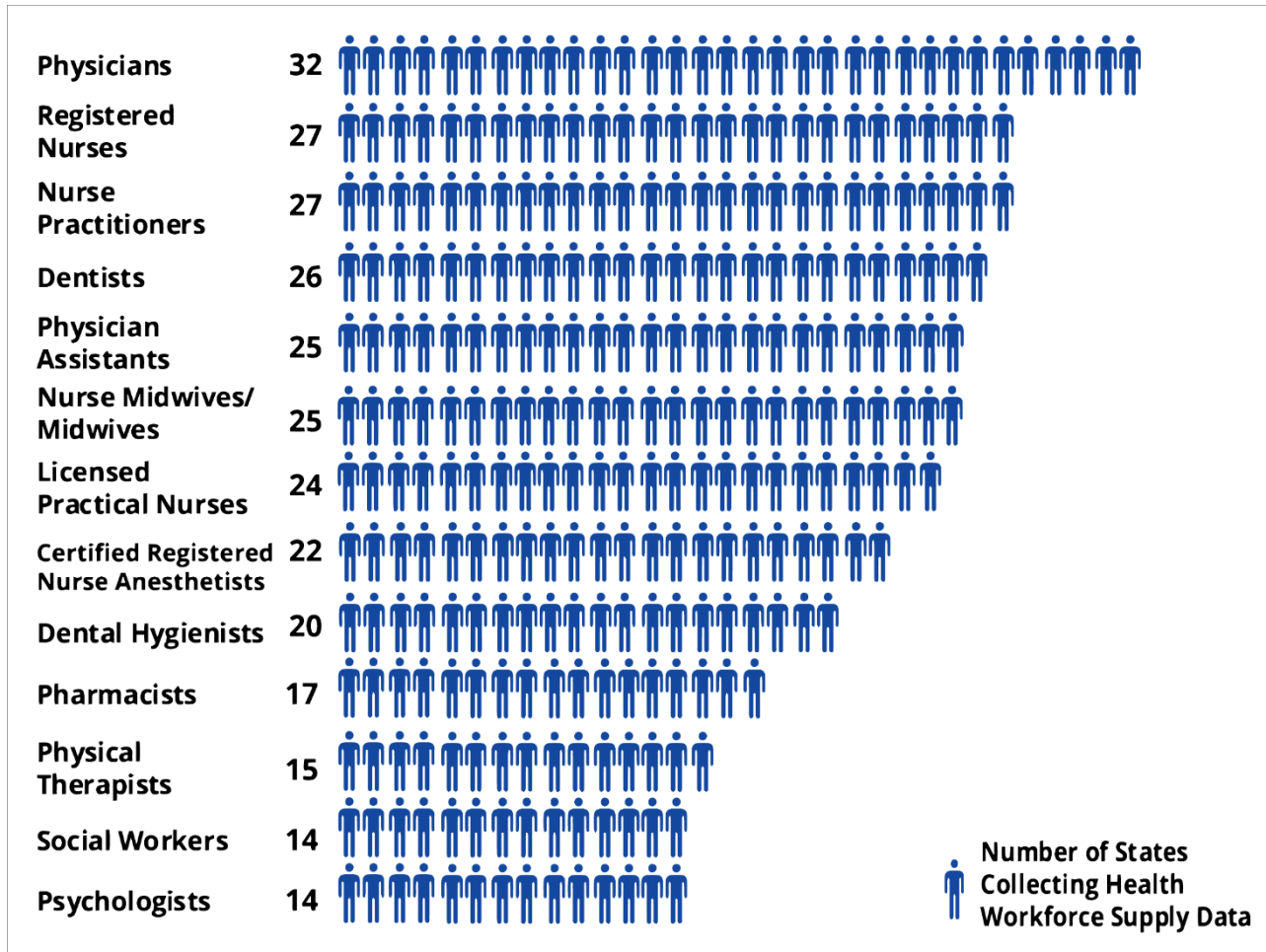
Methods

- Online survey to collect information on statewide health workforce data collection efforts:
 - Supply
 - Demand
 - Education pipeline
- Information collected from the survey compiled into online inventory
- Survey is ongoing and the inventory is updated as more responses are received

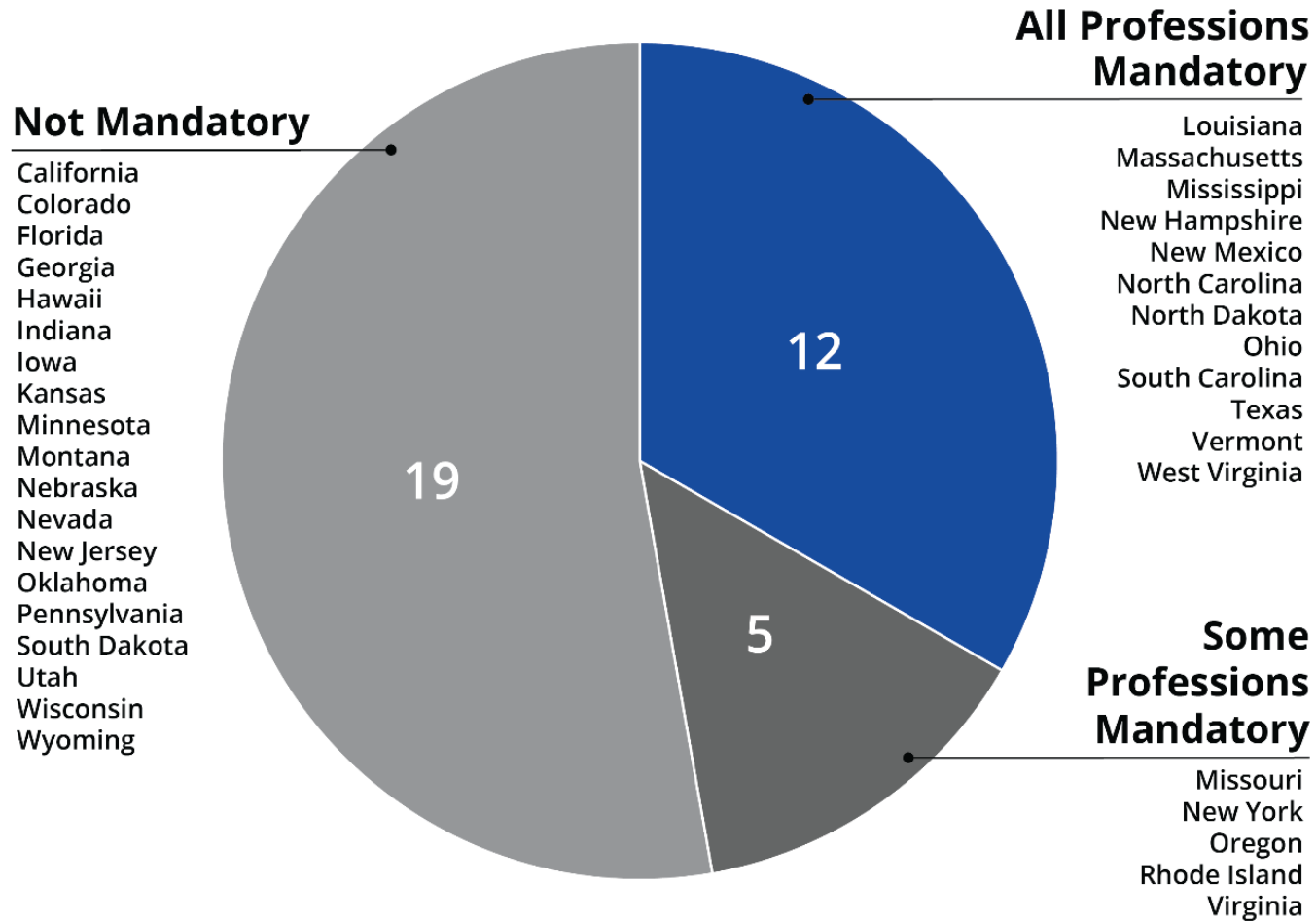
Forty-nine organizations in 36 states report collecting health workforce supply data



Supply data collection is most likely to target physicians, nursing professions, and dentists



Health workforce supply data collection is mandatory in 17 states



Most states collect supply data through the licensing process

- Supply data collection strategies:
 - Survey that is part of licensing process (29 states)
 - Survey that is not part of licensing process (12 states)
 - Telephone interviews (6 states)
 - In-person interviews (1 state)
- Most frequent type of data collected:
 - Demographic characteristics (34 states)
 - Education background (33 states)
 - Practice characteristics (35 states)

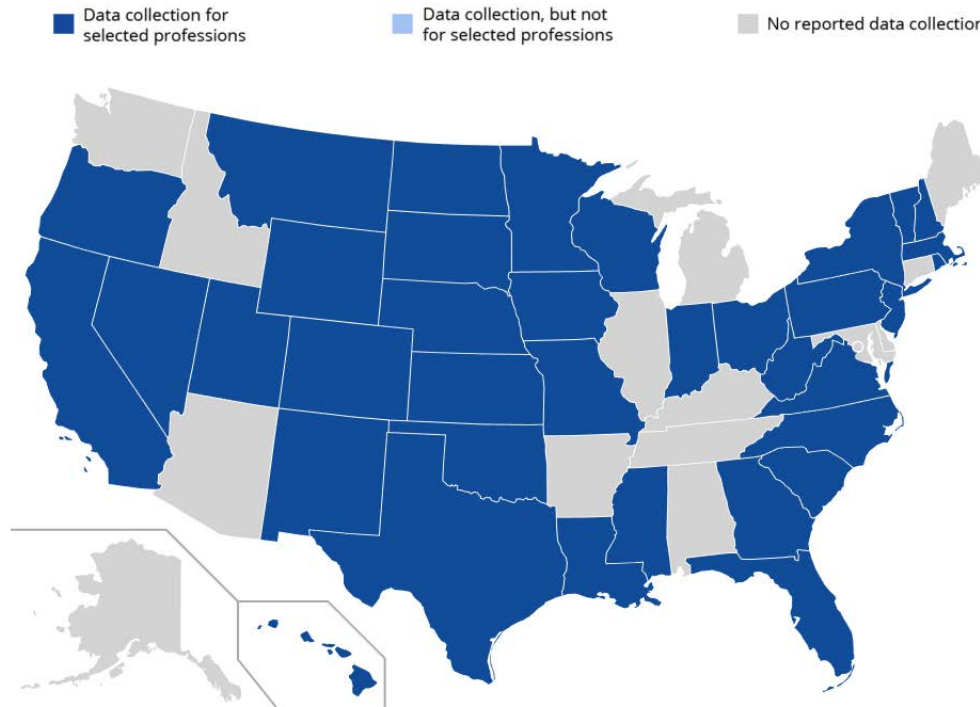
Health Workforce Educational Pipeline Data Collection

- Most likely to target:
 - Registered Nurses (16 states)
 - Physicians (15 states)
 - Licensed Practical Nurses (12 states)
 - Nurse Practitioners (12 states)
- Most states report collecting data directly from education programs
 - Some states report collecting data from individuals in training
- Most frequent type of data collected:
 - Graduation rates (19 states)
 - Enrollment rates (17 states)
 - Demographic characteristics (15 states)

Health Workforce Demand Data Collection

- Most likely to target:
 - Physicians (12 states)
 - Nurse Practitioners (11 states)
 - Registered Nurses (11 states)
- Most likely to be collected for
 - Hospitals (12 states)
 - Nursing homes (9 states)
- Most frequent type of data collected:
 - Vacancies (12 states)
 - Turnover (10 states)
 - Recruitment difficulty (9 states)

Front Page of State Health Workforce Data Collection Inventory



Filter States

Workforce Supply Data

- CRNA DEN DH LPN MW NP PA
- PHA PHY PSY PT RN SW OTH

Workforce Demand Data

- CRNA DEN DH LPN MW NP PA
- PHA PHY PSY PT RN SW OTH

Education Pipeline Data

- CRNA DEN DH LPN MW NP PA
- PHA PHY PSY PT RN SW OTH

Key

- CRNA** – Certified Registered Nurse Anesthetists
- DEN** – Dentists
- DH** – Dental Hygienists
- LPN** – Licensed Practical Nurses
- MW** – Nurse Midwives/Midwives
- NP** – Nurse Practitioners
- PA** – Physician Assistants
- PHA** – Pharmacists
- PHY** – Physicians
- PSY** – Psychologists
- PT** – Physical Therapists
- RN** – Registered Nurses
- SW** – Social Workers
- OTH** – Other Health Care Personnel

Organization Description on State Page in Data Collection Inventory

NEW YORK HEALTH WORKFORCE DATA COLLECTION

Organization name: Center for Health Workforce Studies (CHWS)

Organization website: www.chwsny.org

Organization description: The Center for Health Workforce Studies (CHWS), based at the School of Public Health at the University at Albany, is an academic research center whose mission is to provide timely, accurate data and conduct policy-relevant research about the health workforce. Collects, analyzes, and disseminates health workforce data at both state and national levels.

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Reports posted to website: Yes

Health Workforce Surveys: Workforce Supply Surveys

- [Dental Hygienist Reregistration Survey \(2010\)](#)
- [Dentist Reregistration Survey \(2010\)](#)
- [Midwife Reregistration Survey \(2011\)](#)
- [NP Reregistration Survey \(2016\)](#)
- [PA Reregistration Survey \(2011\)](#)
- [Physician Reregistration Survey \(2011\)](#)
- [RN Reregistration Survey \(2010\)](#)

Workforce Demand Surveys

- [Home Health Recruitment and Retention Survey \(2013\)](#)
- [Nursing Home Recruitment and Retention Survey \(2013\)](#)

Education Pipeline Surveys

- [NY Resident Exit Survey \(2015\)](#)
- [ADN Program Survey \(2014\)](#)
- [BSN Program Survey \(2014\)](#)

Summary

- The State Health Workforce Data Collection Inventory monitors health workforce data collection efforts
- Resource for states
 - Facilitates communication and collaboration
 - Learn from each other about various data collection techniques
- Health workforce data collection is valuable for future health planning
 - Relevant and timely data is essential for developing effective health workforce programs and policies
 - Support improvements in health care delivery and health outcomes

Questions?

- Visit the Data Collection Inventory:
<http://www.healthworkforceta.org/resources/state-health-workforce-data-collection-inventory/>
- For more information, or to inform us of any updates to state data collection efforts, please contact:

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