

**HEALTHCARE WORKFORCE CLEARINGHOUSE
IDENTIFICATION OF AVAILABLE COLLECTION DATA IN 2010 WITH SELECTED DATA PROVIDERS**

Statutory Data Providers: Employment Development Department, Labor Market Information Division; Medical Board of California; Board of Registered Nursing; Physician Assistant Committee; Respiratory Care Board; Board of Vocational Nursing and Psychiatric Technicians; California Department of Public Health; University of California (Office of the President; California Community Colleges (Chancellor's Office)

Available Data to Address Statutory Elements	Data Source 2010 Data Providers	Issues/Challenges
Supply		
<ul style="list-style-type: none"> • License status (active/inactive) • Licensee issue/expiration dates • Licensee type of occupational specialty • Licensee activity area (patient care, telemedicine, administration, research, teaching, other) • Licensee employment status (full-time/ part-time) • Licensee primary/secondary locations hours worked • Licensee college/university name, location and graduation date • Licensee Postgraduate Training 	<p>State-Level Health Licensing Entities</p>	<ul style="list-style-type: none"> • Unable to share SSNs and residential mailing addresses with OSHPD. SSNs would assist in identifying a licensee's actual work location(s) to address areas of shortages. Residential mailing addresses improve the ability to determine commute patterns that address actual shortage of personnel within specified areas • Only 7 of the 22 health licensing entities conduct surveys with their licensees, which significantly limits the amount of available collection data. • Data collection instruments are not standardized -- not all licensing entities collect data on specific work activity, work locations, employment status and postgraduate training
Diversity		
<ul style="list-style-type: none"> • Licensee age, sex/gender, race/ethnic background, foreign language (fluency) • Students and faculty age, sex/gender, race/ethnic background 	<p>State-Level Health Licensing Entities</p> <p>State-Level Education Entities</p>	<ul style="list-style-type: none"> • Most data providers do not collect data on race/ethnicity background or languages spoken. Licensees and faculty submit this data voluntarily. • Close to half of the data providers do not collect sex/gender data

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Geographical Distribution		
<ul style="list-style-type: none"> • Licensee address of record • Licensee primary/secondary practice locations (by zip code, county and state) • Licensing approved/accredited health training programs, length of training, degrees/certificates awarded, and their locations in California • Licensing health education program clinical training sites • Non-licensed health professions by occupational code/title for statewide/county statistical areas (EDD-LMID captures this data) 	<p>State-Level Health Licensing Entities</p>	<ul style="list-style-type: none"> • Most data providers do not collect data on actual work locations or residence address. SSNs could help determine actual areas where employees may work.
Educational Capacity		
<ul style="list-style-type: none"> • Health training programs, degrees/certificates awarded, training length and contact information by college/university name and campus location • Faculty's teaching health training course names and campus locations • Faculty's age, sex/gender, race/ethnicity • Faculty's degree/certificate awarded, graduation date, college/university attended and campus location • Student's identification number by campus • Student's campus location • Student's health training program, course by campus • Student's degree and graduation date • Student's age, sex/gender, race/ethnic background by campus • Student enrollment into health training programs by campus 	<p>State-Level Education Entities</p>	<ul style="list-style-type: none"> • State level education entities do not maintain waiting lists – maintenance of waiting lists are determined by the local level college/university if staffing resources permit • Not able to determine where graduates are working if not practicing in credentialed occupations. Use of SSNs would help identify employment arenas that employ these grads for tracking and trending purposes.

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Educational Capacity (Continued)		
<ul style="list-style-type: none"> • Health training programs' clinical training sites by campus • Health training programs' available slots (seats) by campus • Health training programs' tuition costs by campus • Accredited and approved health training programs by campus • Health training programs graduation rates 	State-Level Education Entities (continued)	
Current and Forecasted Demand (occupational projections)		
<ul style="list-style-type: none"> • Health occupations (professions) by statewide/county region (via survey respondents) • Annual Average Employment Projections (2 year and 10 year) - Statewide/County (statistical areas) • Employment Change – Statewide/County (statistical areas) • Average Annual Job Openings Projections (New Jobs/Net replacements) – Statewide/County (statistical areas) • Wage Estimates (Median hourly/annual) – Statewide/county (according to metropolitan statistical areas) 	EDD-LMID	<ul style="list-style-type: none"> • Not all employers respond to the occupational survey disseminated by EDD-LMID. As a result, not all health occupations are captured for the U.S. Department of Labor, Bureau of Labor Statistics occupation and wage projections.

Special Note: A major challenge for the Clearinghouse is non-linkage of data source systems to ease data collection and reporting activities. This challenge negatively affects the ability to perform longitudinal studies successfully and determine systemic gaps in the educational pipeline towards potential licensure and employment.