

Health Workforce Strategies for California: A Review of the Evidence

This infographic summarizes the full report, <u>Health Workforce Strategies for</u> California: A Review of the Evidence





The Crisis: There are not enough health workers to meet the needs of the large, increasingly diverse, and aging population in California. Current public- and private-sector efforts are not sufficient to alleviate the crisis. Pipeline programs, scholarship programs, loan repayment programs, graduate-level health professional training programs, and residency funding programs have the potential to improve access to health care for Californians, the diversity of the health workforce, and the number of primary care, behavioral health, and dental providers able to provide services in a language other than English (to improve "language concordance").

There are opportunities to increase the size and diversity of California's health professions workforce at various stages of the educational journey.



A Review of the Evidence

Pipeline

programs

Programs that provide

and postbaccalaureate

students with multifac-

careers.

Definition

eted support to enhance

high school, college,



Servicecontingent scholarship programs

Grants or payments made to support a student's health professional education in exchange for a commitment to provide postgraduate service mitment often comes early in the student's training.

Loan repayment programs

Programs that provide

external support to

repay all or part of a

health professional stu-

dent's loans in exchange



Training programs

Graduate-level health professional training programs such as medical schools, nurse practitioner schools, physician assistant schools, and master's degree programs at universities.

Residency funding programs Programs that provide funding to hospitals or health centers to expand existing residency training

programs and to launch

new programs.

their readiness for for postgraduate service graduate-level health in a predefined type professional training and in a particular specialty of geographic area or to help them successor geography. The comsetting. These programs fully pursue health mitigate financial burden without obligating recipients to a particular professional path before they finish their training. Changes the attitudes Offsets the financial and intentions of burden of training. participants regarding Effective for shorter (1) careers in health career pathways (e.g., care, (2) their academic physician assistants) performance, and vs. longer ones (3) their likelihood (e.g., physicians). of enrolling in health Service-contingent professional schools. scholarships often Improves graduation require commitment rates from health early in a student's professions schools.

- educational training. The longer the training, the more likely students' circumstances will change, impacting their ability to fulfill the service requirement.
- Retention of practitioners can vary greatly based on recipient demographics.

- Though results have been mixed, studies indicate that there may be higher workforce retention rates with loan repayment programs, compared to scholarship programs.
- Retention of practitioners can vary greatly based on recipient demographics.
- Programs that offer brief periods of exposure to underserved patients or rural locations demonstrated no impact on practitioners' future practice decisions
- Programs that expose students to underserved patients or locations throughout their training show a greater impact on future practice decisions
- Physicians who train in safety-net or rural settings are more likely to work in those settings after residency.
- Expanding existing residency programs that have a track record for high-quality graduates is effective but expensive.
- Creating new residency programs is risky, but it may increase the geographic diversity of programs and graduating physicians. It may also decrease financial burden on the state if the new location qualifies for federal contributions.

Impact of Program

Postbaccalaureate

programs increase

numbers of students

underrepresented in

health professions

who graduate from

and work in Health

medical school, choose

careers in primary care,

Professional Shortage

Areas and medically

underserved areas.

Potential Investments to Address the Crisis



Addressing the health workforce crisis will require a combination of short-term interventions and long-term investments. Each investment plays a unique role in improving access, diversity, and language concordance in California's health workforce. No one piece of the puzzle will be able to solve the crisis on its own, and in many cases more evidence is needed to support solutions such as language concordance initiatives.







Note: The outcomes of all interventions are enhanced when recruitment is targeted.

HCOP funds institutional collaborations between health professions schools, colleges, and high schools.

These partnerships provide support and opportunities for students from disadvantaged and underrepresented backgrounds, helping them become more competitive applicants for health professions schools.

Postbaccalaureate premedical and predental programs for underrepresented students are a type of pipeline program designed to make participants more competitive applicants to health professional school. These one-year programs provide academic and enrichment experiences to college graduates, many of whom have previously applied unsuccessfully to medical or dental school.

PRIME is a specialized medical school training program that is run out of each of the University of California medical schools. The program supplements standard training with additional curriculum tailored to meet the needs of various underserved populations and includes dedicated faculty mentorship for students. The International Medical Graduate Program admits Latinx physicians who have already completed training outside the US but legally live in the US. It prepares them for the US. Medical Licensing Exmination while simultaneously providing hands-on clinical training and teaching them about the culture of medicine in the US.

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