

Nursing

1. What further reductions can you make to contribute to our required campus-wide reductions before your program is no longer viable? Please be as specific as possible.

We can cutback on offering NURS 50 (a high-enrolled/ high student demand class) to every other quarter. We cannot make any reductions to our course offerings without affecting program viability.

2. If the program were reduced and/or eliminated, are there comparable regional offerings for students? In what ways does our Nursing program differ from that offered at the Institute of Medical Education, Evergreen, Mission, and Gavilan?

Our program is very well recognized in the community and we just celebrated the 50th anniversary of our program this past month. With respect to other programs in the area, De Anza's nursing program produces the best graduates. Our students are recognized for their professional and practical experiences. There are some clinical facilities that only accept De Anza students for clinical rotations because they know that instructors are always present and closely supervising the students.

- **In a study that O'Connor hospital made a year ago the *only* school that had ZERO medical administrator errors was De Anza College.**
- **The psychiatric unit at El Camino Hospital only permits De Anza College nursing students to have access to their clinical setting.**
- **Student testimonials indicate the high quality education that students receive at De Anza College.**
- **Students prefer to wait in the waiting list than to go to another college because they know that they will be more employable graduated from DAC.**
- **The community depends on DAC to provide them with high quality, high caliber nurses and we are well known for this.**
- **Our long waiting list attests to the demand of the community.**
- **De Anza College graduates make up over 50% of the work force in some clinical units in the Bay area such as Intensive Care Unit at the VA Hospital in Palo Alto.**
- **High percentage of our students transfer to higher education institution to complete their BSN or MSN.**

3. What effect there would be on campus/students with the loss of our program?

De Anza College
Instructional Planning and Budget Team
Spring, 2012

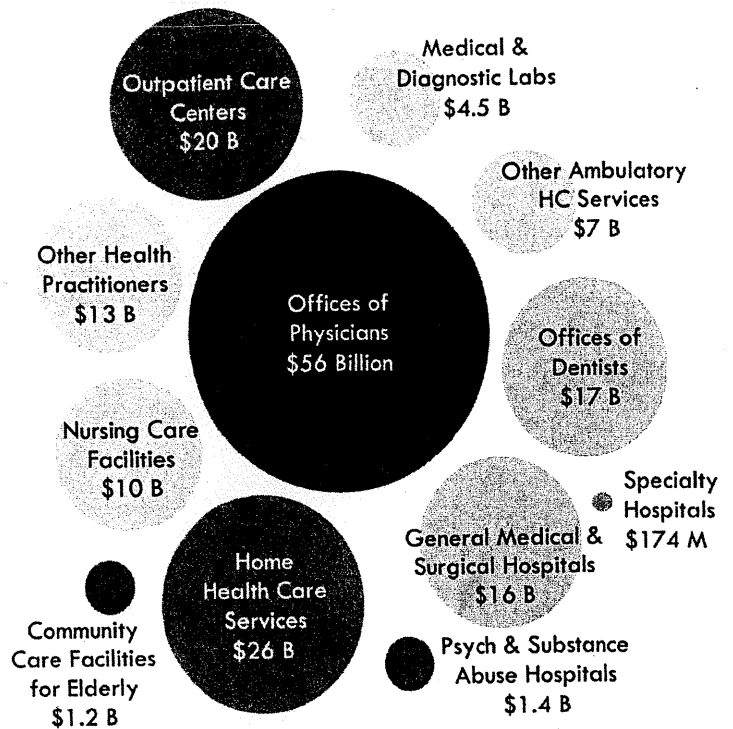
- **Since the nursing program is a degree program many prerequisites are required. A lot of departments in the college will be affected by students' enrollment: language, art, math, biology, psychology, etc.**
- **Force for Health Education on campus: Our students volunteer in community health events, such as flu clinics, health assessment, community mental health fairs, Oakland black nurses association fairs.**
- **Our students are prepared to participate in disaster management.**
- **Closing our program will tarnish the reputation of the DAC within the community. Many hospitals in the community hire our students for their level of skills and the excellent care they provide for clients.**

WHAT INDUSTRIES ARE DRIVING ECONOMIC ACTIVITY?
 In 2010, the healthcare sector generated roughly \$172 billion in revenue. Offices of physicians recorded the highest sales volume (\$56 billion), accounting for nearly one-third of the healthcare sector's revenue. Home health care services and outpatient care centers also generated sizable revenue in the same year. By the very nature of the services it provides, the healthcare sector will continue to be a strong contributor to the state's economy as well as a reliable source of direct and indirect employment.

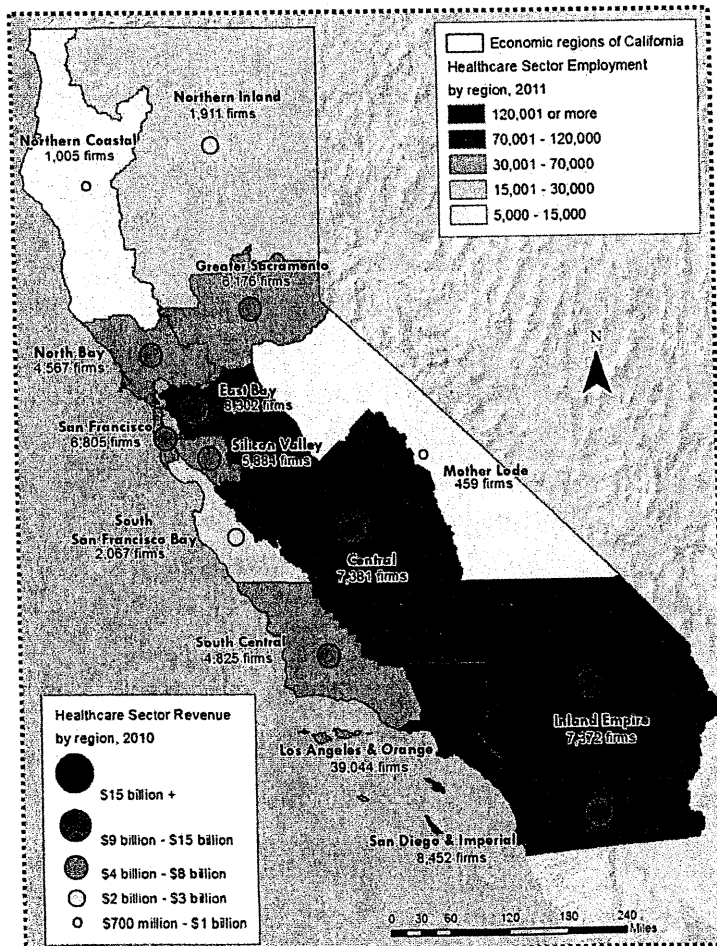
WHERE ARE THE "HOT SPOTS"?

The Los Angeles/Orange region is home to over 39,000 healthcare sector establishments (38% of all healthcare firms in the state) and employs about 445,000 workers. Other regions with sizable numbers of healthcare firms include the Central Valley, San Diego, and the Inland Empire. Notably, even in regions with fewer healthcare establishments, employment is significant to the region's economic base.

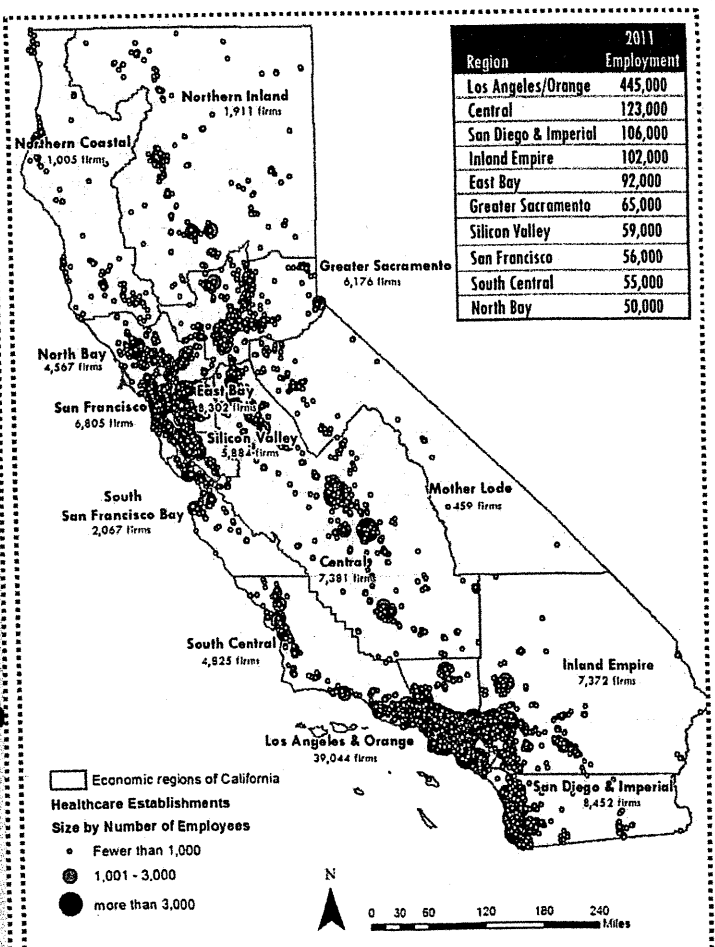
2010 REVENUE BY HEALTHCARE INDUSTRY



HEALTHCARE EMPLOYMENT & REVENUE BY REGION



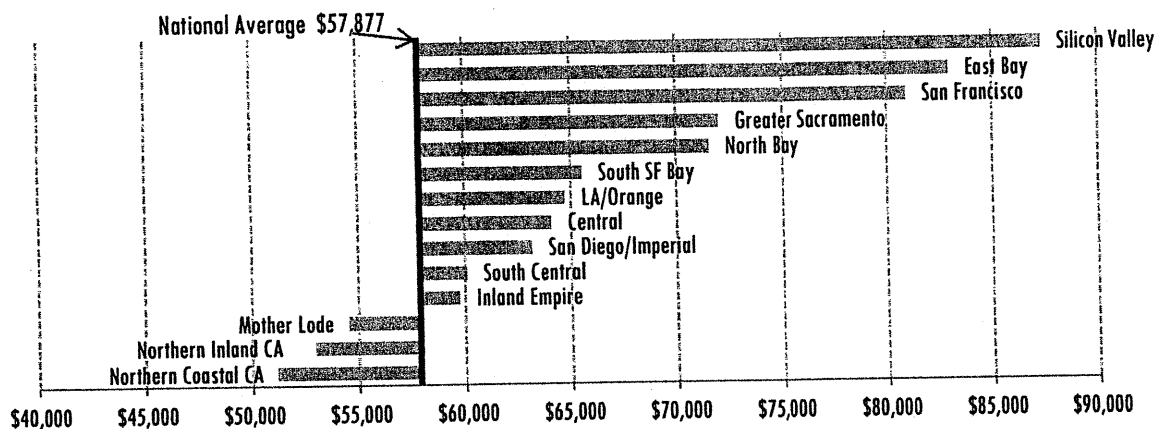
LOCATION OF HEALTHCARE FIRMS



HOW MUCH DOES IT PAY?

Average annual salaries paid by the healthcare sector in California in 2011 were \$67,600, slightly higher than the national average for the same industries. **Hospitals offer the highest average pay per worker (\$83,000) followed by ambulatory health services (\$71,000) and nursing & residential care facilities (\$36,000).** Over the past ten years (2001-2011), average wages paid by hospitals have increased by 66%, while wages in ambulatory health services industries and nursing and residential care facilities grew at a moderate ten-year rate – 27% and 29%, respectively. Across most of California's economic regions, the healthcare sector provides higher earnings compared to the national average in the same industries.

HEALTHCARE EARNINGS PER WORKER BY REGION, 2011



WHAT JOBS ARE IN DEMAND?

Over the next three years, the healthcare will need to hire health professionals with varying levels of education and pay. The table below shows projected demand for a workforce skilled in several fields of health, including dental, technical, administrative, and primary care. Several of the occupations expected to be in high demand by 2014 will require an Associate degree or a vocational training credential. This emphasizes the important role community colleges will play in preparing the state's healthcare workforce.

JOB OPPORTUNITIES IN HEALTHCARE FOR COMMUNITY COLLEGE GRADUATES

Description*	2011 Jobs	2014 Jobs	New Jobs	Replacement Jobs	Openings (new & repl.)	2011 Median Wages	Minimum Education Level
Registered Nurses	162,689	180,698	18,009	9,720	27,729	\$40.47	Associate degree
Nursing aides, orderlies, attendants	100,945	110,070	9,125	4,069	13,194	\$12.50	Postsecondary vocational award
Medical secretaries	81,303	88,485	7,182	4,064	11,246	\$15.57	Moderate-term OTJ training
Medical assistants	76,285	83,972	7,687	3,303	10,990	\$14.89	Moderate-term OTJ training
Licensed vocational nurses	49,024	53,639	4,615	5,043	9,658	\$23.74	Postsecondary vocational award
Dental assistants	44,750	48,757	4,007	2,822	6,829	\$16.27	Moderate-term OTJ training
Emergency medical techs./Paramedics	11,209	12,736	1,527	946	2,473	\$15.05	Postsecondary vocational award
Medical and clinical lab technicians	11,609	12,746	1,137	785	1,922	\$19.22	Associate degree
Radiologic technologists & technicians	13,350	14,520	1,170	711	1,881	\$30.47	Associate degree
Medical records & health info techs.	11,557	12,607	1,050	816	1,866	\$17.02	Associate degree

*Source: EMSI.

Healthcare firms in California posted **70,333 online job advertisements** in the last four months. About one-third of jobs posted were advertised by hospitals, followed by offices of physicians. Vacancies for registered nurses accounted for 25% of all ads (17,650 postings); other advertised positions included:

- Medical assistants (1,970 job postings)
- Medical secretaries (1,702)
- Nursing aides (1,604)
- Physical therapists (1,548)
- Licensed vocational nurses (1,437)
- Occupational therapists (1,343)
- Radiologic technologists (1,015)
- Medical records/health info techs. (917)

EMPLOYERS WITH THE MOST JOB POSTINGS, JAN-APR 2012

KAISER PERMANENTE	7,779
SUTTER HEALTH	5,330
CATHOLIC HC WEST	3,983
SHARP HEALTHCARE	1,845
KINDRED HC	1,486
PROVIDENCE HEALTH	1,167
COMPHEALTH	1,144
DAVITA	1,048
AUREUS MED GROUP	870
AMERICAN MOBILE HC	781

DATA NOTES AND SOURCES

Data and information included in the Sector Profile were compiled from the following public and proprietary sources: American Public Health Association; The Affordable Care Act's Public Health Workforce Provisions: Opportunities and Challenges, June 2011; Alliance for Health Reform, Health Care Workforce: Future Supply vs Demand, April 2011; Bureau of Labor Statistics; Centers of Excellence; CA Employment Development Department; Economic Modeling Specialists, Inc.; InfoGroup, Inc.; The Conference Board - Help Wanted Online.