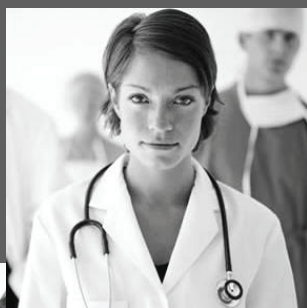


# Key Findings, 2008

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## Allied Healthcare Occupations



## in the Inland Empire

Centers of Excellence  
Economic and Workforce Development  
California Community Colleges

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The Centers of Excellence, in partnership with business and industry, deliver regional workforce research customized for community college decision making and resource development.

For additional information, access the complete environmental scan, *Allied Health Occupations* for the Inland Empire Region, available online at:

[www.coecc.net](http://www.coecc.net)



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### Inside:

Research Objectives

Job Outlook

Industry Employers

Workforce Challenges

Education and Training

## Research Objectives

The Center of Excellence analyzed more than 60 healthcare occupations based on numbers of new and replacement jobs. Of the occupations examined, twelve met the following selection criteria warranting further investigation and consideration:

- Curriculum and employment requirements must be relevant for community college instruction.
- Occupation must have a projected growth of 50 or more jobs per year (300 or more over six years) to substantiate offering a program.
- The occupation must pay a living wage for the region.

The twelve occupations that met these criteria are (in alphabetical order):

Dental assistants	Medical records and health information technicians
Dental hygienists	Pharmacy technicians
Emergency medical technicians and paramedics	Psychiatric technician
Licensed vocational nurses	Radiologic technologists and technicians
Massage therapists	Registered nurses
Medical assistants	Respiratory therapists

## Job Outlook

Combined, the twelve profiled occupations are projected to add close to 22,000 jobs over the next five years in the Inland Empire.

Occupation	2007	2012	Change	% Change	New & Rep. Jobs	2007 Median Annual Earnings
Registered nurses	20,919	24,606	3,687	18%	8,458	\$70,441
Medical assistants	8,240	10,129	1,889	23%	4,281	\$24,888
Dental assistants	3,698	4,680	982	27%	2,117	\$27,507
Licensed practical and licensed vocational nurses	5,637	6,379	742	13%	1,774	\$43,381
Pharmacy technicians	2,496	3,024	528	21%	960	\$31,201
Dental hygienists	1,396	1,762	366	26%	670	\$70,847
Emergency medical technicians and paramedics	1,728	2,026	298	17%	595	\$24,888
Massage therapists	1,607	1,841	234	15%	543	\$26,593
Respiratory therapists	1,177	1,358	181	15%	493	\$52,739
Radiologic technologists and technicians	1,480	1,655	175	12%	451	\$54,201
Medical records and health information technicians	1,203	1,388	185	15%	413	\$32,115
Psychiatric technicians	2,079	2,241	162	8%	327	\$44,619

### Allied Health Job Outlook

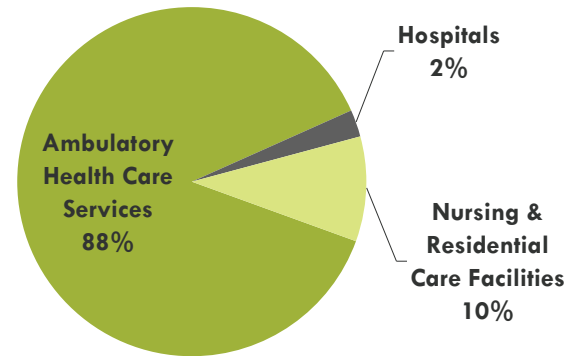
- Registered nurses account for the largest projected gain during the 2007-2012 period, with estimated growth of close to 3,700 new jobs and 4,800 replacement positions.
- Medical assistants is the second-largest growth occupation of the twelve profiled, with projected growth of almost 1,900 new jobs or 23 percent.
- Dental assistants has the fastest projected growth rate over these years, 27 percent, or equal to more than 980 new jobs, with 1,135 replacement jobs.

## Industry Employers

The Allied Health study identified approximately 7,150 allied health related businesses within the Inland Empire. As expected, most employer locations are clustered in the larger cities of San Bernardino and Riverside counties.

- As shown in the chart to the right, the majority of employers are in Ambulatory Health Care Services (6,284 firms or 88 percent).
- Close to 700 employers in the region are in Nursing and Residential Care Facilities, while Hospitals account for 170 employers in the region.

Allied Health Employers by Type



## Workforce Challenges

Based on employment projections, there are approximately 3,713 new and replacement job openings on average per year for the twelve occupations covered in this study. In the table below, Inland Empire program completions in these areas contributed only 2,885 students or new workers into the workforce, leading to the following conclusions:

- Community colleges are training and educating only 55 percent of the industry needs.
- ROP programs are satisfying an additional 23 percent.
- Community colleges must address the remaining 22 percent projected workforce gap within the regional allied healthcare industry.

Occupation*	Number of Program Completions		Annual Average Job Openings	Gap
	Community Colleges	ROP		
Dental assistants	19	102	353	(232)
Dental hygienists	14	0	112	(98)
Emergency medical technicians and paramedics	623	75	99	599
Healthcare support workers, all other	0	0	134	(134)
Healthcare technologists and technicians, all other	0	0	63	(63)
Licensed vocational nurse	180	28	296	(88)
Massage therapists	0	0	91	(91)
Medical assistants	321	414	714	21
Medical records and health information technician	0	0	69	(69)
Pharmacy technician	30	227	160	97
Psychiatric technician	56	0	55	1
Radiologic technologists and technicians	29	0	75	(46)
Registered nurses	666	0	1,410	(744)
Respiratory therapists	101	0	82	19
<b>Total</b>	<b>2,039</b>	<b>846</b>	<b>3,713</b>	<b>(828)</b>
		<b>2,885</b>		

\* Footnotes for this table can be found on page 12 of the complete environmental scan *Allied Health Occupations* for the Inland Empire, available on the COE website at: [www.coecc.net](http://www.coecc.net).

## Education and Training

The graphic below details the regional program offerings associated with the twelve occupations profiled.

<p><b>Dental Assistants</b></p> <p>Baldy View ROP Chaffey College Colton-Redlands-Yucaipa ROP Riverside County ROP</p>	<p><b>Dental Hygienists</b></p> <p>Riverside CCD</p>	<p><b>Emergency Medical Technicians/Paramedics</b></p> <p>Baldy View ROP College of the Desert Copper Mountain College Crafton Hills College</p> <p>Mt. San Jacinto College Palo Verde College Riverside County ROP Riverside CCD</p>	
<p><b>Massage Therapists</b></p>	<p><b>Medical Assistants</b></p> <p>Baldy View ROP Barstow College Colton-Redlands-Yucaipa ROP Mt. San Jacinto College</p> <p>Riverside County ROP Riverside CCD San Bernardino Co. ROP</p>		<p><b>Medical Records and Health Information Technicians</b></p> <p>Colton-Redlands-Yucaipa ROP San Bernardino County ROP</p>
<p><b>Pharmacy Technicians</b></p> <p>Baldy View ROP Chaffey College Colton-Redlands-Yucaipa ROP Mt. San Jacinto College San Bernardino County ROP</p>	<p><b>Psychiatric Technician</b></p> <p>San Bernardino Valley College</p>	<p><b>Radiologic Technologists and Technicians</b></p> <p>Chaffey College Crafton Hills College</p>	
<p><b>Registered Nurses/LVNs</b></p> <p>Baldy View ROP Chaffey College College of the Desert Copper Mountain College Mt. San Jacinto College</p> <p>Palo Verde College Victor Valley College San Bernardino Valley College Riverside CCD</p>		<p><b>Respiratory Therapists</b></p> <p>Crafton Hills College Victor Valley College</p>	

## For More Information

For more information on this study, contact the following Center of Excellence (COE) at:

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