

HEALTHCARE REGIONAL PROGRAM ADVISORY MEETING

February 22 , 2023
11:00 AM – 1:00 PM

POWERED BY



HEALTHCARE REGIONAL PROGRAM ADVISORY

Jermaine Hampton

Sr. Director, Workforce Development and Special Projects
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Jose Pelayo

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The LA -19 is leading industry -education partnerships to collaboratively strengthen our region's talent development ecosystem

1. Data-driven research on the supply and demand for talent
2. Industry Councils and Regional Program Advisories
3. Developing work-based learning and employment opportunities

For more information, visit: www.CompetitiveWorkforce.LA



Dr. Narineh Makijan
Chair/Assistant Vice President
Los Angeles Regional Consortium

Andy Ortiz
Senior VP and Chief
Human Resources Officer
Cedars - Sinai

Dr. Jia Chen
Administrative Director
Parker Institute for Cancer
Immunotherapy Center
UCLA

Natalie Romero
Project Manager
Office of Community Affairs
Children's Hospital Los Angeles

Lisa Fisher

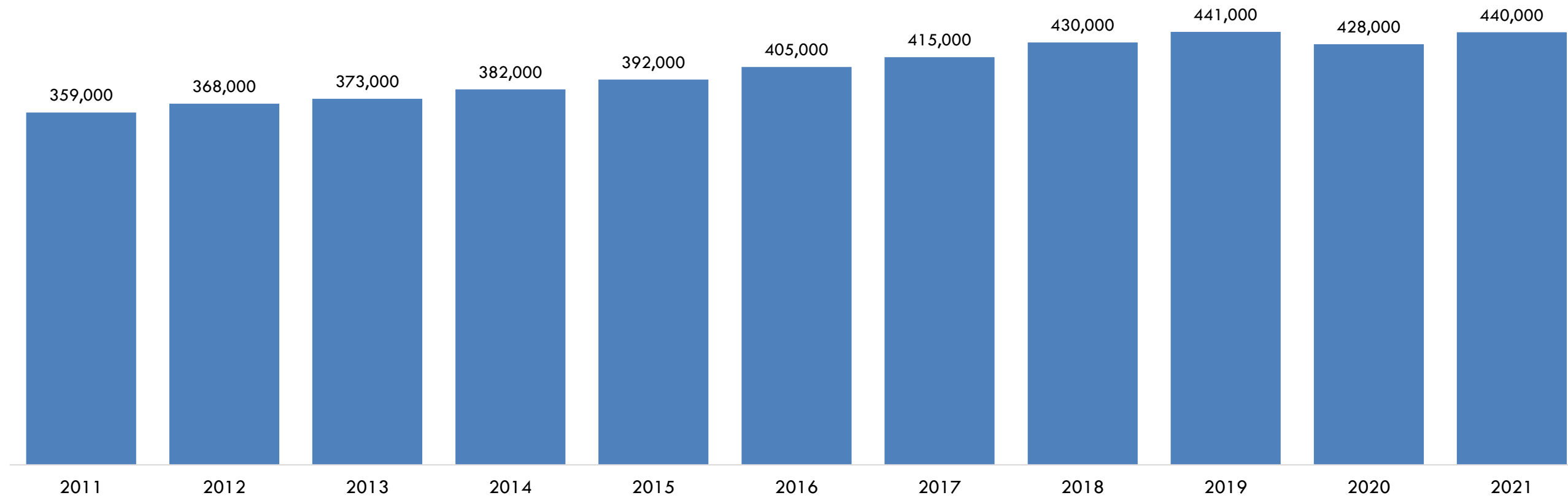
Senior Director of Member Service
Community Clinic Association of Los
Angeles County

Max Dunsker
Research Analyst,
Institute of Applied Economics
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For healthcare, industrial employment is measured using 3 main NAICS codes, though healthcare occupations are present in many other industries

- Nursing and Residential Care Facilities
- Hospitals
- Ambulatory Health Care Services

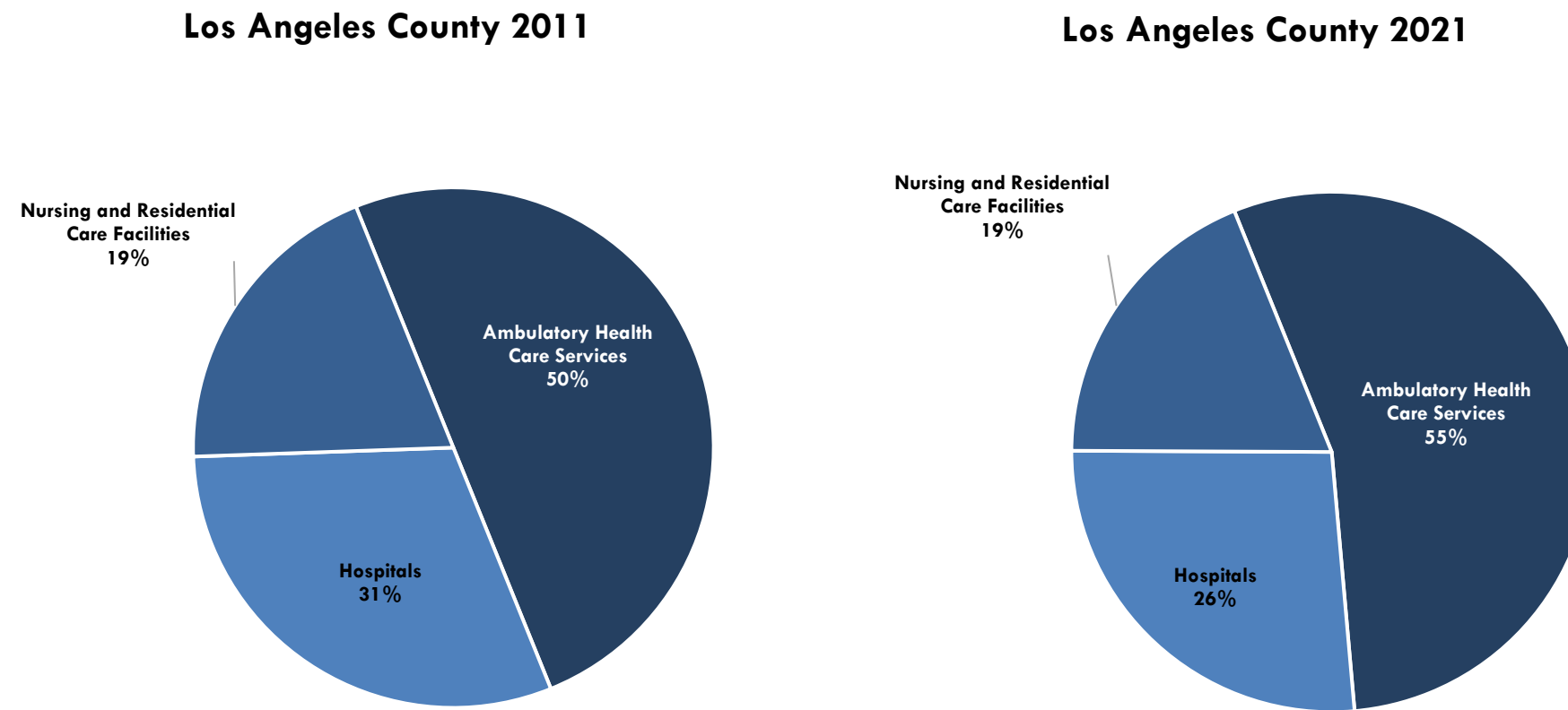
Healthcare Employment in Los Angeles County, 2011 - 2021



Source: CA EDD

Total Healthcare employment grew by 23 percent from 2011 to 2021, as did employment in each subsector, with Ambulatory Health Care Services responsible for more than 75 percent of the growth.

Change in Healthcare Subsector Employment in Los Angeles County, 2011 - 2021



Source: CA EDD

While Nursing and Residential Care Facilities grew at the same rate as the industry at-large, Hospitals grew at a slower rate, resulting in a smaller share of the industrial employment in 2021 versus 2011.

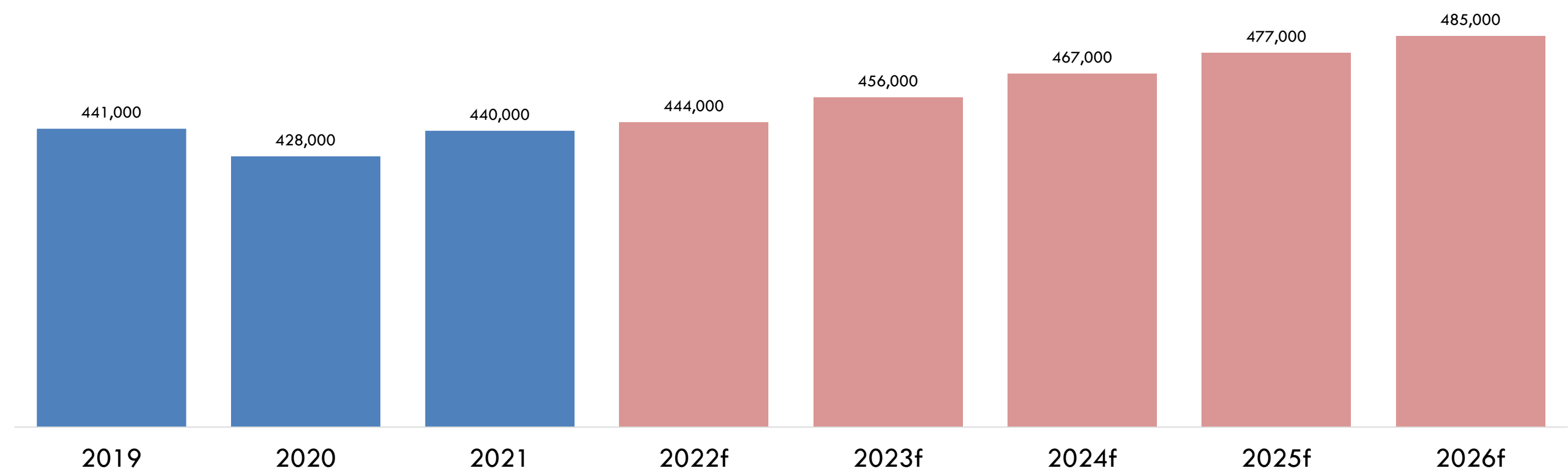


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Looking Forward

Forecasts predict that Healthcare employment in the county exceeded pre-pandemic levels in 2022, as the industry moves beyond the recovery from the COVID-19 pandemic and into a new economic paradigm.

**Forecasted Healthcare Employment
Los Angeles County, 2019 - 2026**



Source: EMSI Lightcast



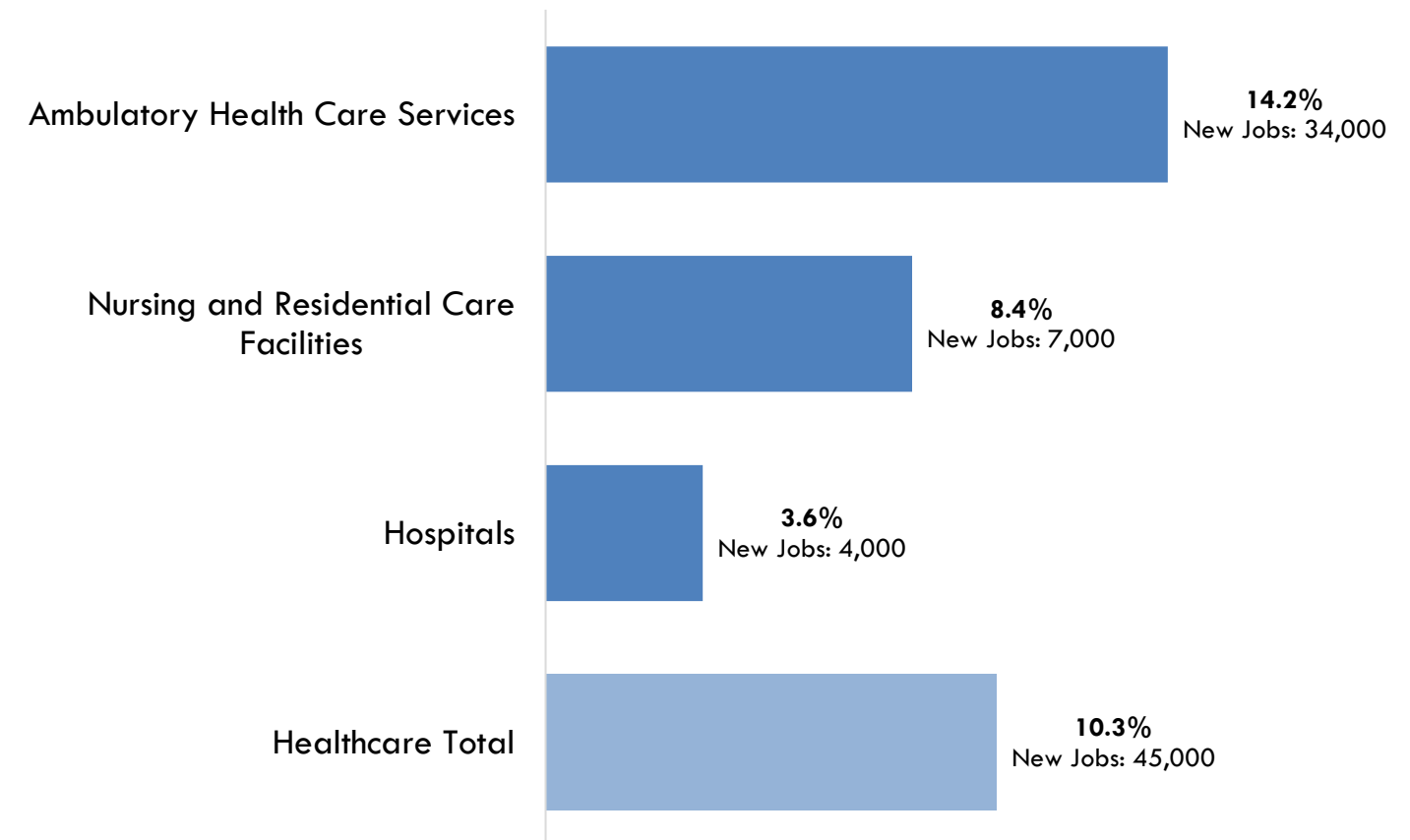
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Each Healthcare subsector is expected to add jobs between 2021 and 2026, with Ambulatory Health Care Services expected to represent about 75 percent of the increase.

Hospitals is the only subsector where the annual growth rate for the next five years is forecasted to be greater than the growth rate between 2011 and 2021.

Looking Forward

Forecasted Employment Growth by Healthcare Subsectors in
Los Angeles County, 2021 - 2026



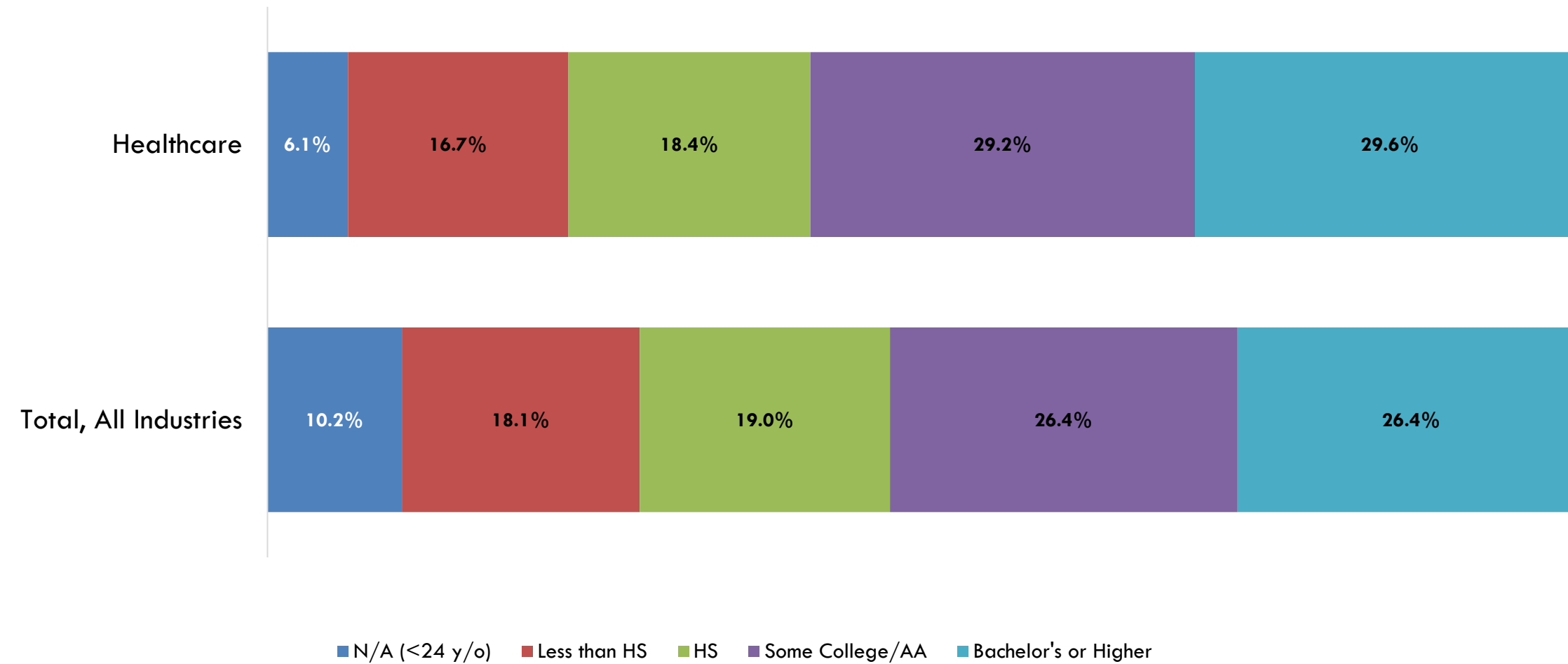
Source: EMSI Lightcast

Age Distribution of Healthcare Workers, 2021



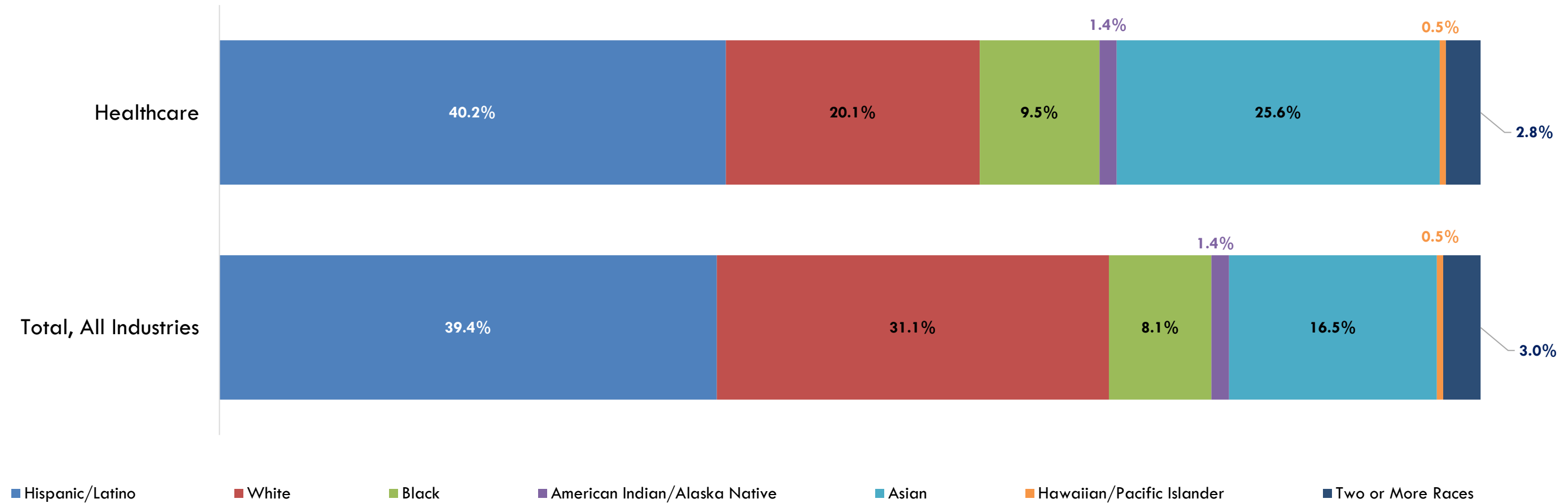
The distribution of workers by age in Healthcare is very similar to the Los Angeles County economy at-large. The most notable difference is the relatively small percentage of workers under 25 years old.

Educational Attainment Distribution of Healthcare Workers, 2021



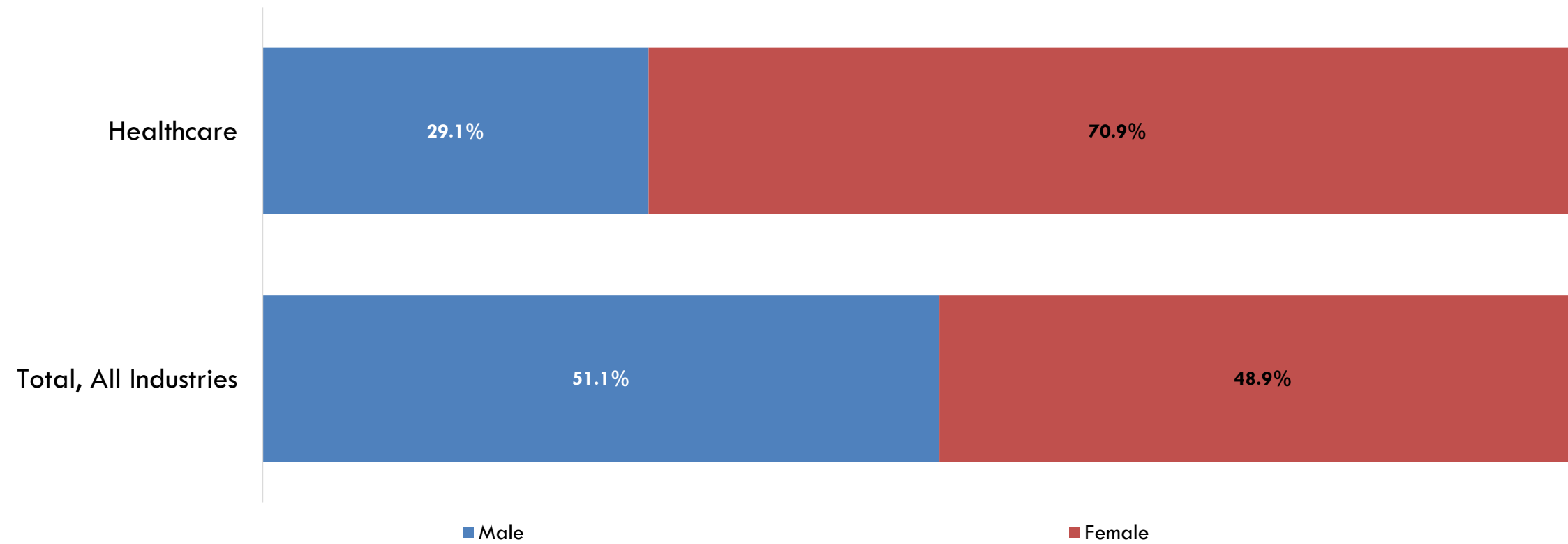
The distribution of educational attainment within the Healthcare industry is slightly more top-heavy than the LA County total, with 58.8 percent of workers having some college experience.

Racial/Ethnic Distribution of Healthcare Workers, 2021



The distribution of Healthcare workers by race/ethnicity largely tracks with worker demographics across the county, however there are 11 percent fewer white workers and 9 percent more Asian workers.

Gender Distribution of Healthcare Workers, 2021



The Healthcare industry employs a far greater share of female workers than most industries in the county; female workers make up 71 percent of Healthcare roles compared to 49 percent for the county overall.

Metric		Home Health and Personal Care Aides	Medical Secretaries and Administrative Assistants	Pharmacy Technicians	Pharmacy Aides
Sex	Male	28%	4%	26%	4%
	Female	72%	96%	74%	96%
Education	Less than HS	15%	0%	1%	7%
	High School	29%	9%	28%	20%
	Some College/Associates	43%	25%	55%	34%
	Bachelors	9%	61%	13%	14%
	Masters or Higher	5%	5%	3%	25%
Age	<25	9%	0%	2%	20%
	25-39	22%	40%	57%	63%
	40-54	22%	16%	28%	14%
	>54	47%	44%	13%	4%
Race	Hispanic	33%	19%	53%	24%
	White	29%	40%	19%	12%
	Asian	16%	13%	13%	57%
	Black	14%	13%	11%	5%

These occupations are overwhelmingly female, however there is more diversity in terms of the other demographics measured here. These roles only require a high school education or equivalent.

Metric		Nursing Assistants	Medical Assistants	Licensed Practical and Licensed Vocational Nurses	Medical Transcriptionists	Medical Records Specialists
Sex	Male	18%	10%	20%	19%	32%
	Female	82%	90%	80%	81%	68%
Education	Less than HS	8%	5%	1%	0%	3%
	High School	23%	23%	20%	2%	16%
	Some College/Associates	55%	52%	67%	32%	53%
	Bachelors	13%	17%	10%	28%	12%
	Masters or Higher	1%	3%	1%	37%	15%
Age	<25	10%	7%	4%	31%	4%
	25-39	32%	59%	48%	46%	23%
	40-54	29%	18%	29%	0%	32%
	>54	29%	15%	20%	24%	41%
Race	Hispanic	57%	65%	52%	16%	27%
	White	5%	10%	9%	42%	12%
	Asian	23%	11%	22%	38%	39%
	Black	14%	12%	14%	0%	18%

BLS reports that these roles require a postsecondary nondegree award. Aside from being overwhelmingly female, there is a mix in these roles educational attainment, age, and demographic distributions.

Metric		Radiologic Technologists and Technicians	Respiratory Therapists	Health Information Technologists and Medical Registrars	Registered Nurses
Sex	Male	61%	57%	43%	17%
	Female	39%	43%	57%	83%
Education	Less than HS	0%	0%	2%	0%
	High School	6%	9%	20%	1%
	Some College/Associates	58%	80%	21%	22%
	Bachelors	29%	8%	38%	57%
	Masters or Higher	7%	3%	19%	20%
Age	<25	0%	0%	4%	2%
	25-39	44%	40%	39%	39%
	40-54	27%	25%	39%	31%
	>54	29%	35%	18%	27%
Race	Hispanic	33%	28%	39%	20%
	White	18%	24%	20%	24%
	Asian	46%	37%	35%	43%
	Black	1%	11%	6%	8%

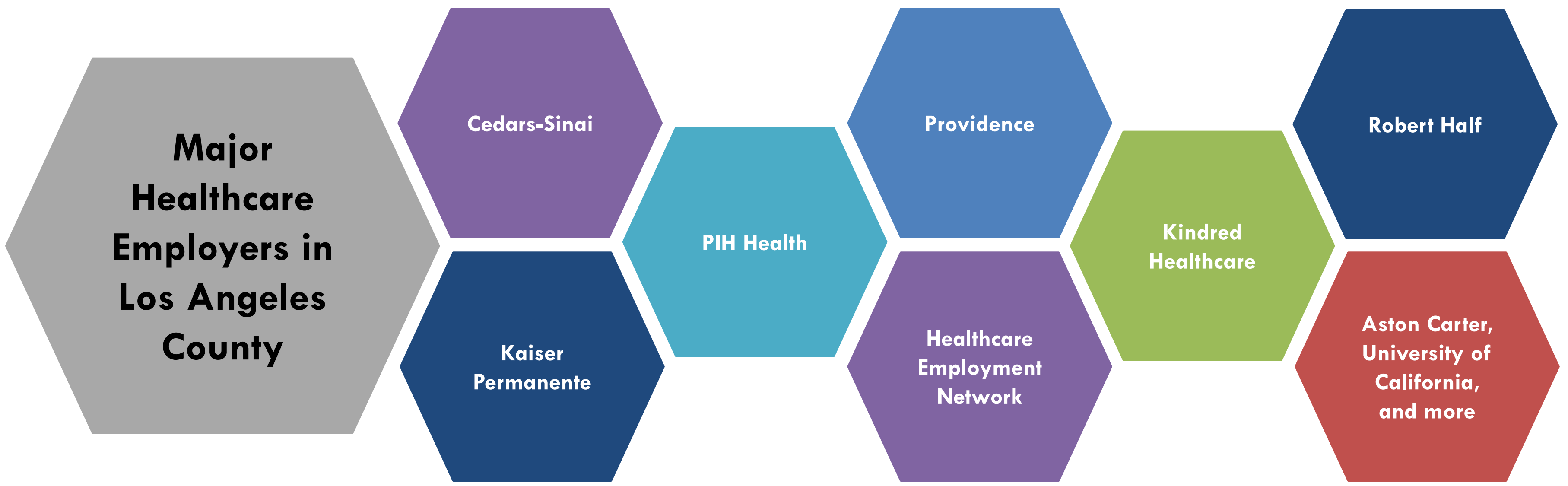
These target occupations are listed as requiring at least an Associates degree. In these roles, the gender breakdown is more even, while the educational attainment and age breakdowns are more top-heavy.



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Employer Job Postings

From hospital systems to human resources consulting agencies, healthcare workers are desired by a wide variety of employers; the businesses that most frequently hire for the target occupations shown below:



CONTACT INFORMATION

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LUKE MEYER

DIRECTOR

**Los Angeles Center of Excellence for
Labor Market Research**

hosted at MT. SAN ANTONIO COLLEGE



Five community college health program areas have historically prepared students for today's target careers in Healthcare:

- **Nursing**
- **Medical Assisting**
- **Respiratory Therapy**
- **Pharmacy Technology**
- **Radiologic Technology**



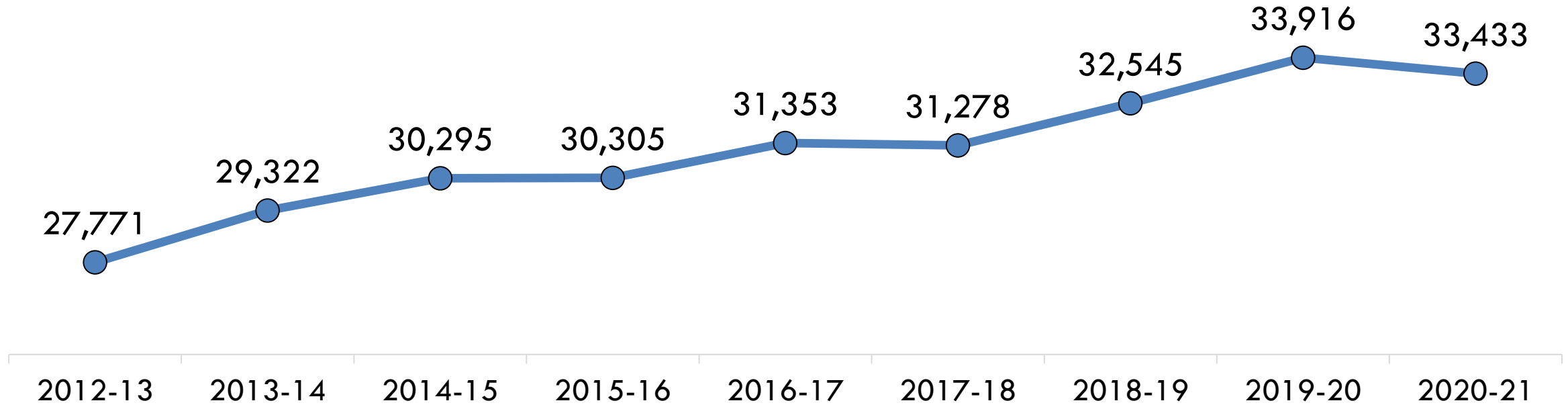
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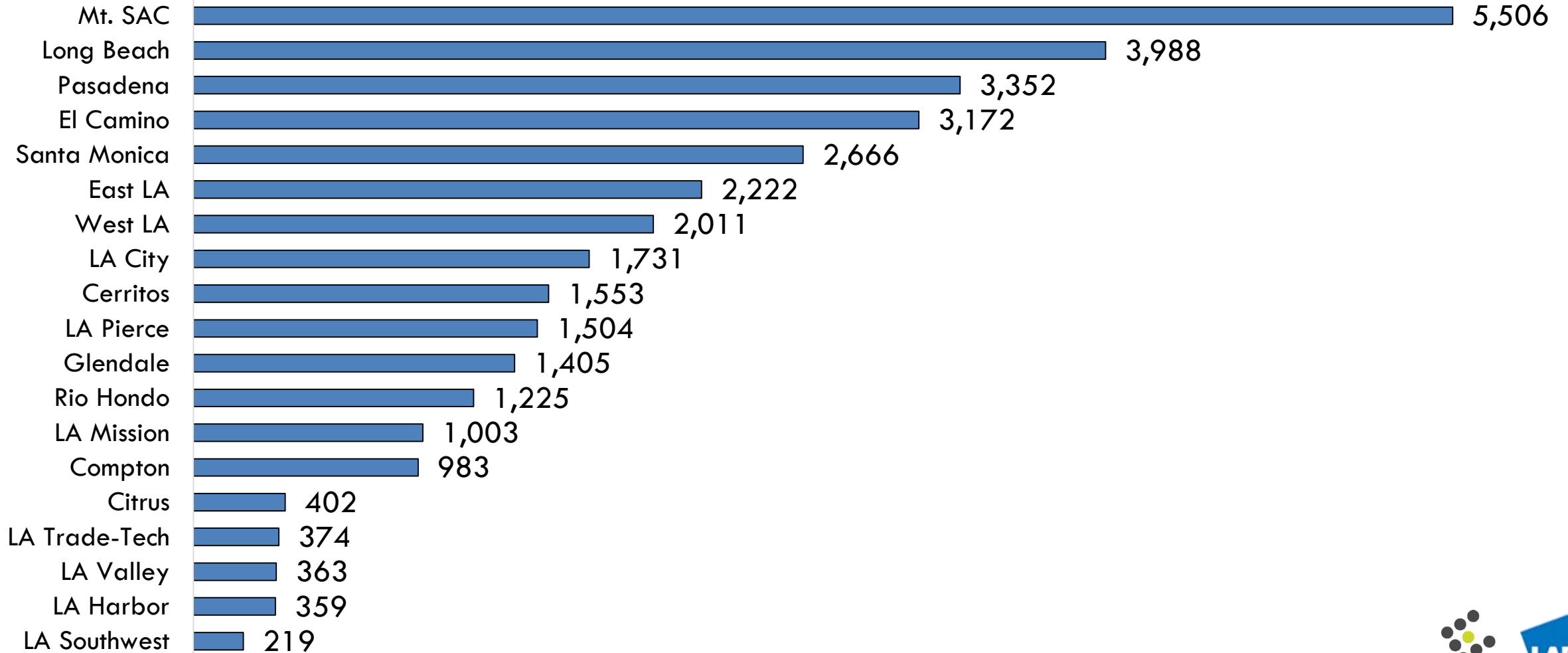
Health Student Enrollments

Since the 2012-13 academic year, student enrollments in health courses have steadily increased to keep up with labor market demand, peaking at nearly 34,000 students in the 2019-20 academic year.

LA Health Sector Student Enrollments, 2012-13 to 2020-21



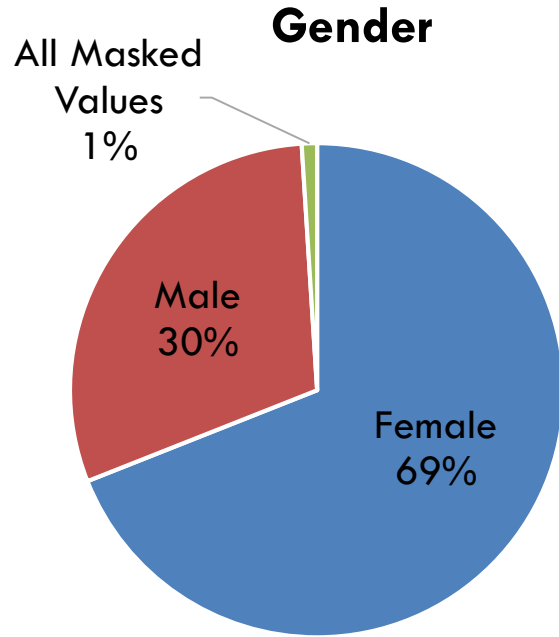
LA Health Student Enrollments by College, 2020-21



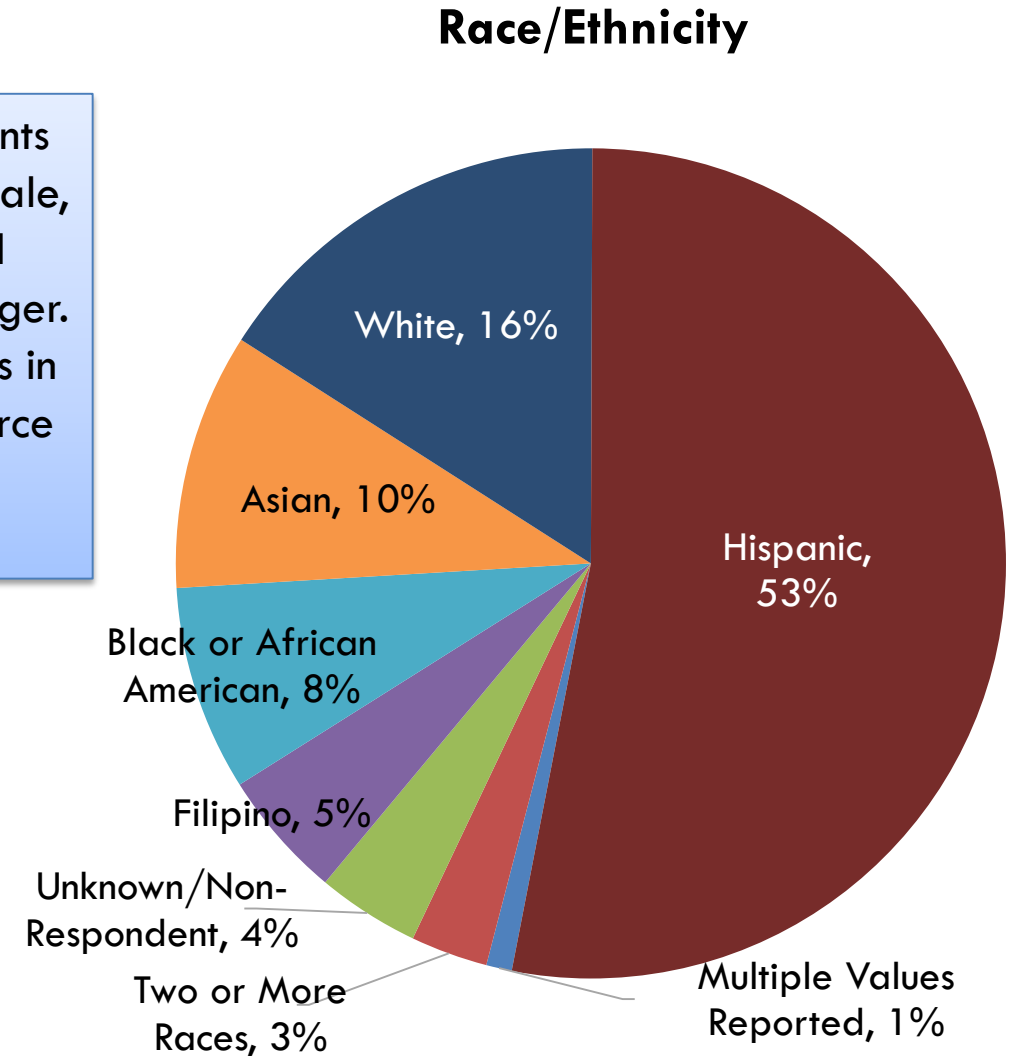
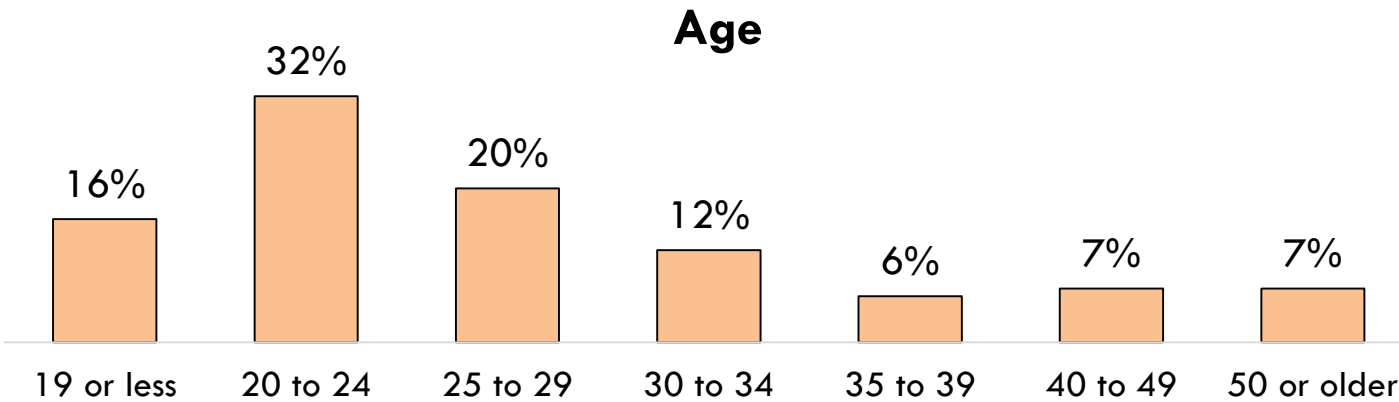
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Health Student Demographics



More than two-thirds of health students at the LA community colleges are female, over half identify as Hispanic, and nearly half are 24-years-old or younger. This diverse population of LA students in health pathways is burgeoning resource for regional employers seeking to diversify their workforce.





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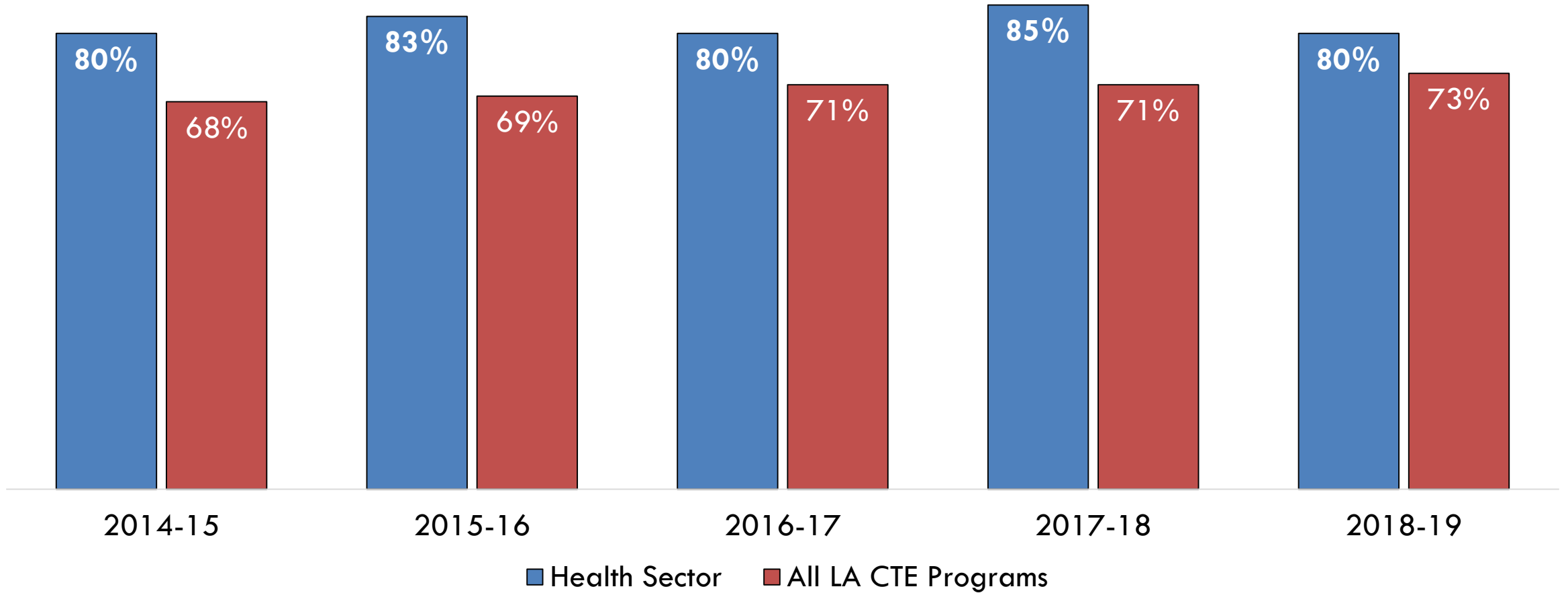
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Health Programs At-a-Glance

TOP6 - Program Title	Latest 3 Yr Avg	TOP6 - Program Title	Latest 3 Yr Avg
123010 - Registered Nursing	1,204	122300 - Health Information Technology	59
127000 - Kinesiology	555	122000 - Speech/Language Pathology and Audiology	54
126000 - Health Professions, Transfer Core Curriculum	513	123030 - Certified Nurse Assistant	50
123080 - Home Health Aide	209	120820 - Administrative Medical Assisting	40
123020 - Licensed Vocational Nursing	194	122310 - Health Information Coding	40
120800 - Medical Assisting	173	051420 - Medical Office Technology	38
121000 - Respiratory Care/Therapy	152	121500 - Electrocardiography	30
122500 - Radiologic Technology	130	122200 - Physical Therapist Assistant	30
120100 - Health Occupations, General	113	126100 - Community Health Care Worker	24
125100 - Paramedic	113	122800 - Athletic Training and Sports Medicine	20
124010 - Dental Assistant	97	120500 - Medical Laboratory Technology	19
124020 - Dental Hygienist	94	124030 - Dental Laboratory Technician	19
122100 - Pharmacy Technology	86	120810 - Clinical Medical Assisting	15
123000 - Nursing	84	121800 - Occupational Therapy Technology	13
129900 - Other Health Occupations	76	121400 - Orthopedic Assistant	10
123900 - Psychiatric Technician	67	120510 - Phlebotomy	2
125000 - Emergency Medical Services	61	TOTAL	4,383

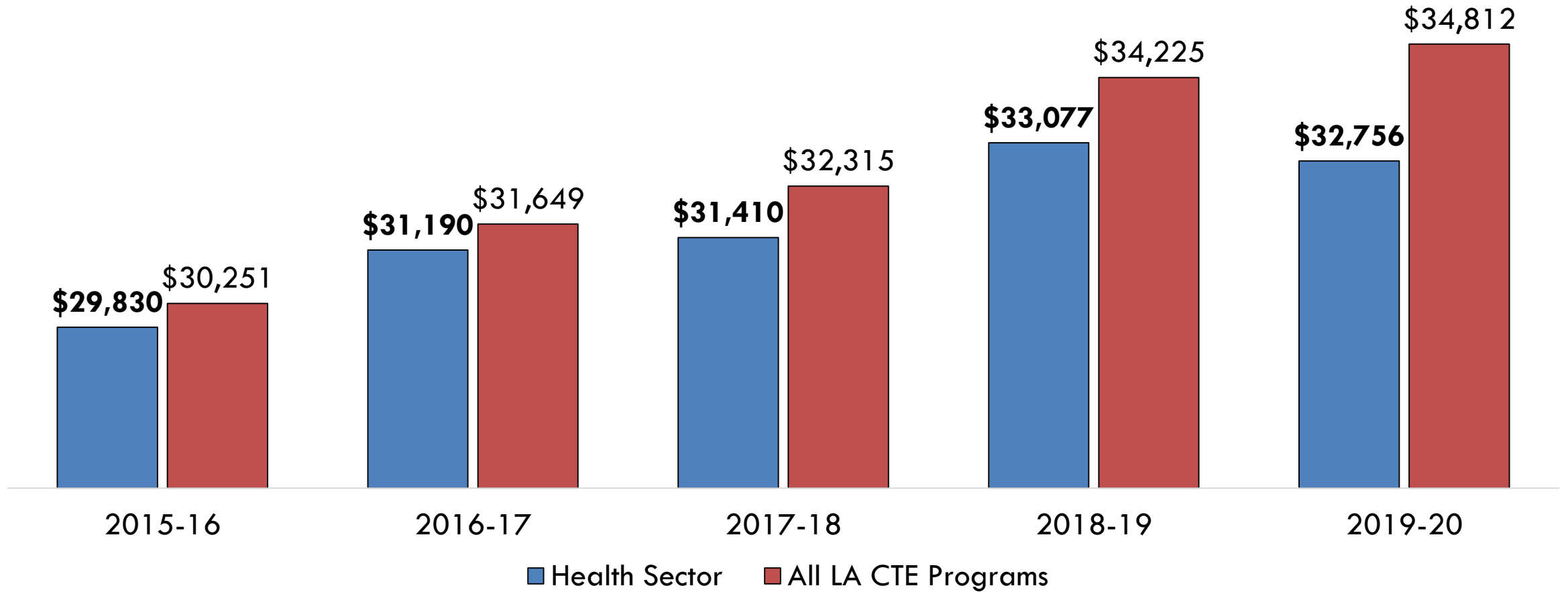


Students with a Job Closely Related to their Field of Study



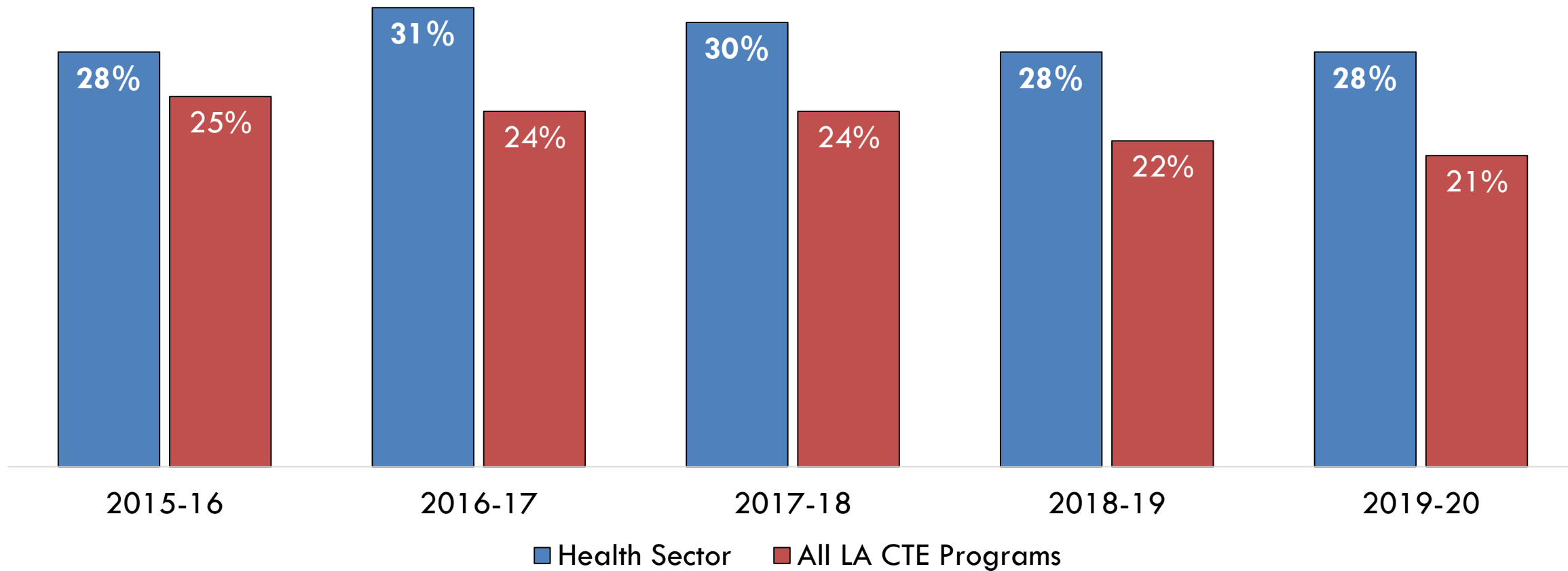


Median Annual Earnings for Exiting Students





Median Change in Annual Earnings for Exiting Students



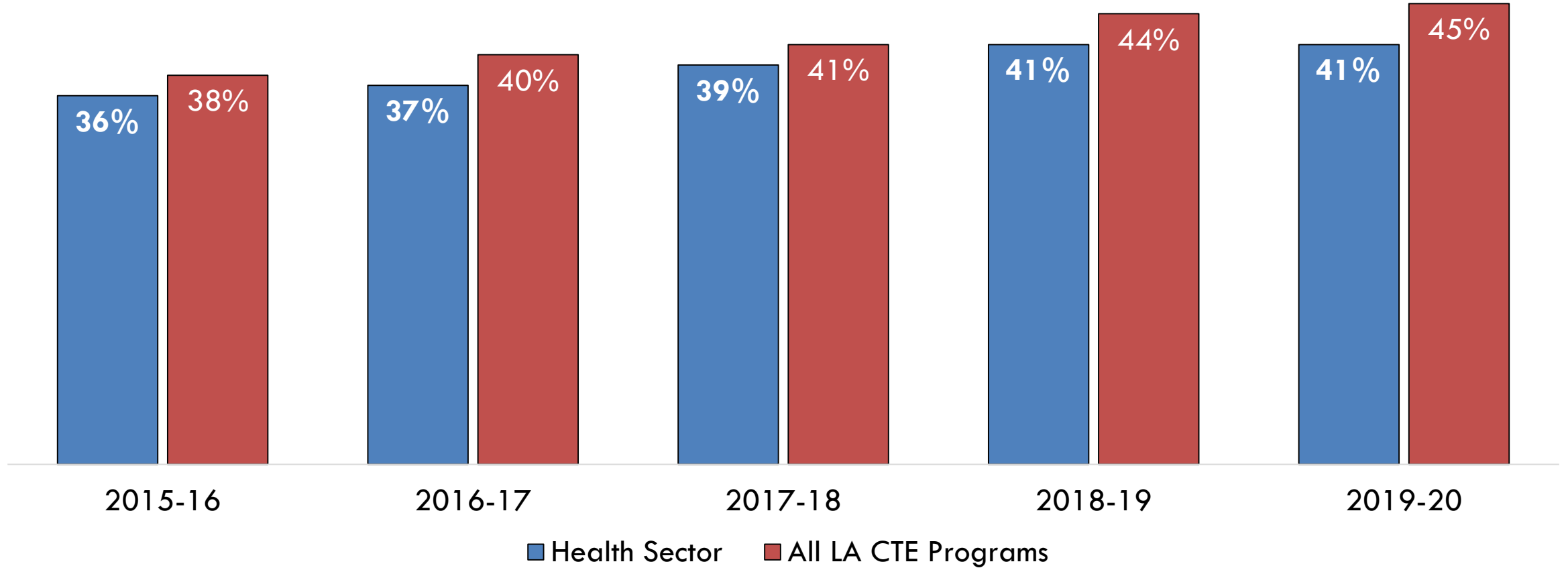


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Student Employment Outcomes

Students Who Attained the Living Wage (\$38,217/year)



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Target Health Occupations

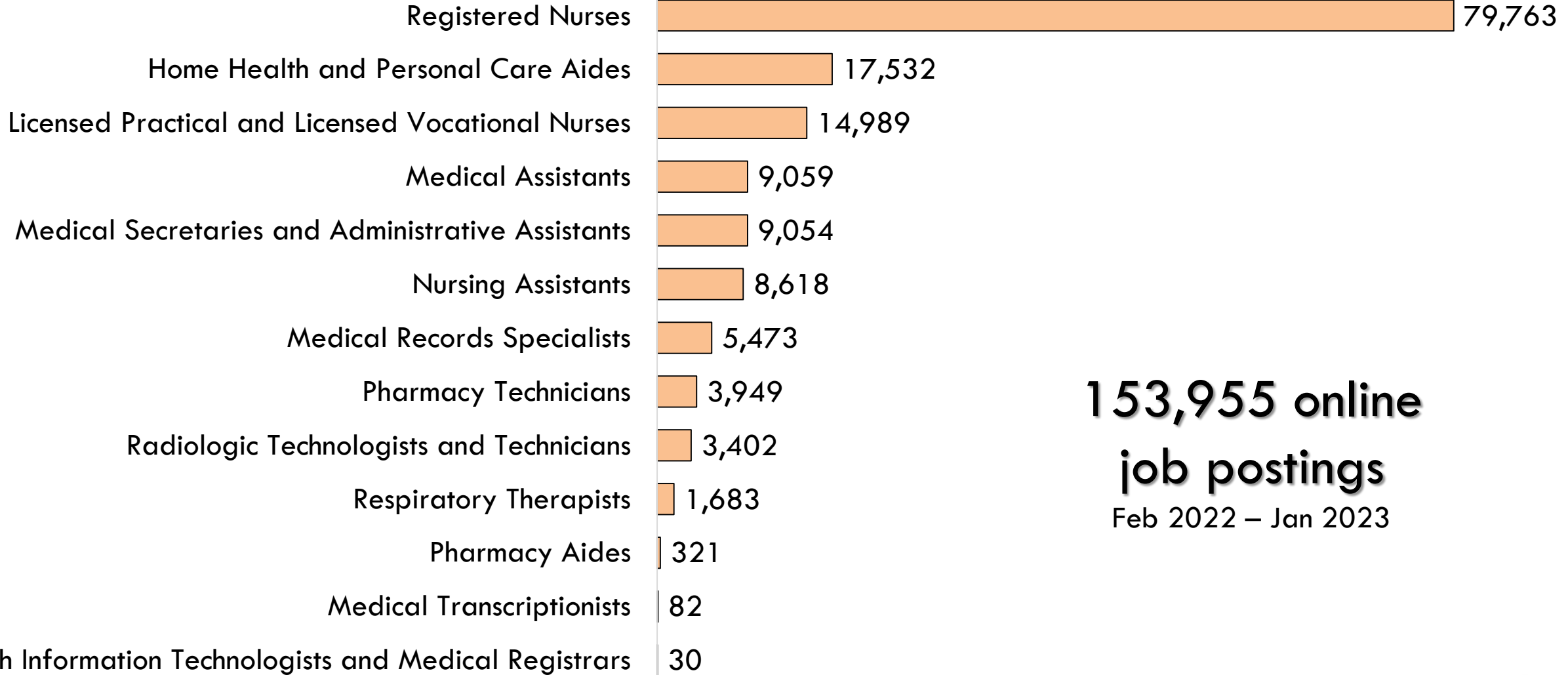
Source: Lightcast, datarun 2023.1

Occupation	2021 Jobs	2026 Jobs	5-Year % Change	Annual Job Openings	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)
Home Health and Personal Care Aides	301,188	371,596	23%	63,849	\$14.29	\$14.29	\$14.46
Registered Nurses	94,302	100,718	7%	6,790	\$47.30	\$58.06	\$63.58
Nursing Assistants	33,818	37,179	10%	5,937	\$15.37	\$17.72	\$20.49
Medical Assistants	23,553	26,128	11%	3,937	\$16.95	\$18.15	\$22.53
Medical Secretaries and Administrative Assistants	22,904	24,738	8%	3,085	\$17.84	\$22.38	\$28.09
Licensed Practical and Licensed Vocational Nurses	24,272	26,369	9%	2,455	\$27.83	\$29.09	\$35.83
Pharmacy Technicians	10,688	11,176	5%	1,079	\$17.81	\$22.40	\$28.15
Medical Transcriptionists	4,860	4,516	(7%)	791	\$17.55	\$17.55	\$21.54
Pharmacy Aides	2,973	2,921	(2%)	509	\$14.75	\$18.19	\$28.68
Medical Records Specialists	5,143	5,495	7%	446	\$18.50	\$23.52	\$32.42
Radiologic Technologists and Technicians	5,338	5,786	8%	387	\$29.61	\$39.04	\$48.96
Respiratory Therapists	4,717	5,124	9%	335	\$37.33	\$39.37	\$48.66
Health Information Technologists and Medical Registrars	1,051	1,200	14%	100	\$22.03	\$36.73	\$50.08
TOTAL	534,807	622,949	16%	89,702	-	-	-

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Employer Job Postings



**153,955 online
job postings**

Feb 2022 – Jan 2023

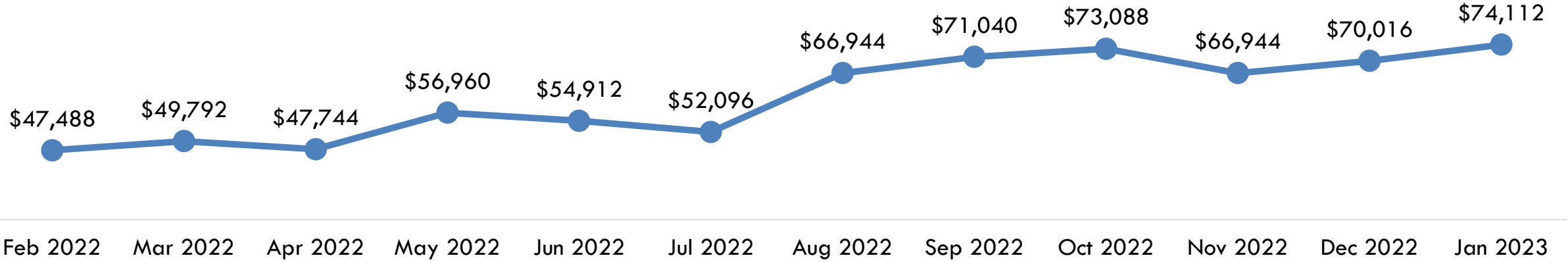
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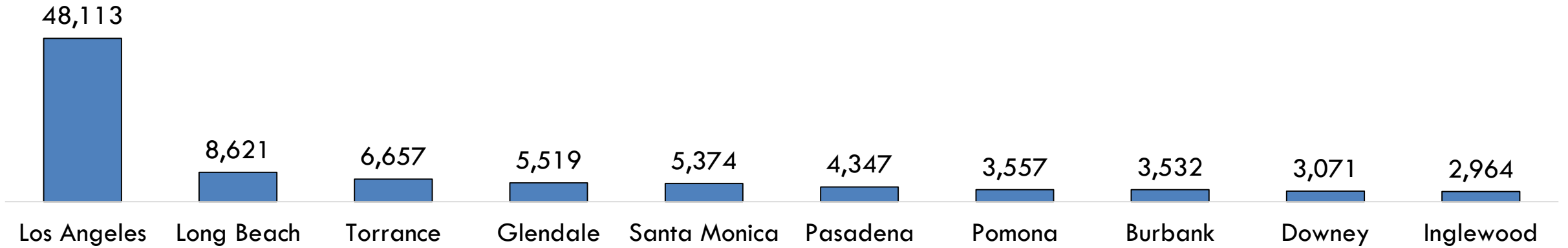
Employer Job Postings

Job Title	Job Ads	Employer	Job Ads
Registered Nurses	5,670	Cedars-Sinai	6,603
Licensed Vocational Nurses	4,827	PIH Health	5,937
Medical Assistants	3,846	CareInHomes	3,364
Caregivers	3,229	Providence	3,361
Pharmacy Technicians	2,367	Healthcare Employment Network	2,986
Certified Nursing Assistants	2,230	Kaiser Permanente	2,549
ICU Registered Nurses	2,077	Kindred Healthcare	2,077
ER Registered Nurses	2,037	MLK Jr Community Hospital	1,926
NICU Registered Nurses	1,957	ShiftMed	1,643
Telemetry Registered Nurses	1,942	University of California	1,583

Advertised Wage Trend Over Last 12 Months



Top Job Postings by City



Source: Lightcast Job Postings, datarun 2023.1



CONTACT INFORMATION

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ROUNDTABLE DISCUSSION

- Mute yourself throughout discussion
- Submit questions through the chat box
- 15-20 minutes of discussion per topic
- Discussion will be followed by Q&A

FEEDBACK POLL AND NEXT STEPS

THANK YOU!

WWW.COMPETITIVETWORKFORCE.LA

For more information contact:

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