



Physical Therapy Occupational Group

Inland Empire/ Desert Region (Riverside-San Bernardino-Ontario Metropolitan Statistical Area)

Summary

- Employment growth for the physical therapy occupational group is expected to increase by 26% through 2021. **Nearly 800 job openings** will be available over the five-year period in the Inland Empire/Desert Region.
- The **median wage** for both of the occupations in the physical therapy occupational group is **above the MIT Living Wage estimate of \$12.10 per hour** for a single adult living in the Inland Empire/Desert Region.
- Based on the average annual number of program completions for the selected community college program (**0 average annual community college awards, 46 average annual other awards, 46 total**), and the annual openings for physical therapy occupational group jobs in the local region (**158 annual job openings**), there appears to be an opportunity for program growth to meet the job openings demand.

Job Opportunities

In 2016, there were nearly 880 physical therapy occupational group jobs in the Inland Empire/Desert Region. Across the local region, employment related to the physical therapy occupational group is expected to increase 26% through 2021. Employers in the region will need to hire nearly 800 more workers over the next five years to fill new jobs and to backfill jobs that current workers are permanently leaving (includes retirements). Appendix A, Table 1 shows the projected job growth for each of the occupations in this group.

Exhibit 1: Five-year projections for physical therapy occupational group in the Inland Empire/ Desert Region

Region	2016 Jobs	5-Yr % Change (New Jobs)	5-Yr Openings (New + Replacement Jobs)	Annual Openings (New + Replacement Jobs)	% of workers age 55+
Inland Empire/Desert Region	878	26%	792	158	10%

Source: EMSI 2017.4

Over the last 12 months (December 2016 to November 2017), there were 149 advertisements (ads) for jobs in the physical therapy occupational group in the Inland Empire/Desert Region, with the vast majority looking for physical therapy assistants. In the full-year 2016 there were 211 job ads; 354 job ads in 2015; 144 job ads in 2014; and 173 job ads in 2013. Exhibit 2 shows the number of job ads posted during the last 12 months for each of the occupations in this occupational group.

Exhibit 2: Job ads for each of the physical therapy occupational group in the Inland Empire/Desert Region during the last 12 months, Dec 2016 – Nov 2017

Occupation	Job Ads
Physical Therapist Assistants	143
Physical Therapist Aides	6
TOTAL	149

Source: Burning Glass – Labor Insights

Earnings

The median wage and the annual average earnings for each of the occupations in the physical therapy occupational group is above the MIT Living Wage estimate of \$12.10 per hour, or \$25,172 annually for a single adult living in the Inland Empire/Desert Region. See Exhibit 3 for wage information by occupation for the local region.

Exhibit 3: Earnings for physical therapy occupational group in the Inland Empire/ Desert Region

Occupation	Entry to Experienced Hourly Earnings Range*	Median Wage*	Avg. Annual Earnings
Physical Therapist Assistants	\$15.12 to \$41.89	\$30.60	\$63,000
Physical Therapist Aides	\$10.54 to \$17.94	\$13.01	\$28,700

Source: EMSI 2017.4

*Entry Hourly is 10th percentile wage, experienced is 90th percentile wage.

Work Locations, Top Employers, Skills, and Education

According to job ads, the top worksite regional cities for jobs in this occupational group were Loma Linda, Yucca Valley, Palm Desert, and Riverside. The top employers were Loma Linda University Hospital & Health, Advanced Travel Therapy, Riverside Health Care, and St. Joseph Health System. Exhibit 4 lists the top specialized, soft, and software and programming skills that employers are seeking when looking for workers to fill these occupations.

Exhibit 4: Top skills for physical therapy occupational group in the Inland Empire/ Desert Region

Occupations	Specialized skills	Soft skills	Software and Programing Skills
Physical Therapist Assistants (n=103)	<ul style="list-style-type: none"> Rehabilitation Patient Care Life Support 	<ul style="list-style-type: none"> Communication Skills English Detail-Oriented 	<ul style="list-style-type: none"> Microsoft Operating Systems
Physical Therapist Aides (n=5)	<ul style="list-style-type: none"> Occupational Therapy Patient Treatment Scheduling 	<ul style="list-style-type: none"> Bilingual Problem Solving Communication Skills 	<ul style="list-style-type: none"> Word Processing

Source: Burning Glass – Labor Insights

Exhibit 4 displays the entry-level education level education typically required to enter each occupation according to the Bureau of Labor Statistics, educational attainment for incumbent workers with “some college, no degree” and an “associate degree” according to the U.S. Census, and the minimum advertised education requirement requested by employers in online job ads.

Exhibit 5: 2016 online job ads with minimum advertised education requirements for physical therapy occupational group in the Inland Empire/ Desert Region

Occupations	Typical Entry-Level Education Requirement	Educational Attainment (Percentage of incumbent workers with a Community College Award or Some Postsecondary Coursework)	Minimum Advertised Education Requirement from Job Ads		
			High school diploma or vocational training	Associate degree	Bachelor's degree or higher
Physical Therapist Assistants (n=40)	Associate degree	69%	-	100%	-
Physical Therapist Aides (n=4)	HS diploma or equivalent	69%	100%	-	-

Source: EMSI 2017.4, Burning Glass – Labor Insights

Industry

Exhibit 6 displays the industries that employ the most physical therapy occupations in the local region. Staffing patterns show the industries employ the most of a specific occupation.

Exhibit 6: Top Industries employing each film production workflow occupational group in the Inland Empire/Desert Region

Occupation	Top Industries Staffing Pattern (NAICS)	Top Industries Job Ads (NAICS)
Physical Therapist Assistants (n=143)	<ul style="list-style-type: none"> Offices of Other Health Practitioners (6213) General Medical and Surgical Hospitals (6221) 	<ul style="list-style-type: none"> Offices of Other Health Practitioners (6213) General Medical and Surgical Hospitals (6221)
Physical Therapist Aides (n=6)	<ul style="list-style-type: none"> Offices of Other Health Practitioners (6213) General Medical and Surgical Hospitals (6221) 	<ul style="list-style-type: none"> Offices of Other Health Practitioners (6213) General Medical and Surgical Hospitals (6221)

Source: EMSI 2017.4, Burning Glass – Labor Insights

Student Completions

Exhibit 6 shows the annual average regional community college awards (associate degrees and certificates) conferred during the three academic years between 2013 and 2016, as well as other awards granted outside the California Community Colleges from 2012-2015, with the relevant TOP code. Please note an award is not equivalent to a single person in search of a job opening since a student may earn more than one award, such as an associate degree in addition to a certificate.

Exhibit 6: Annual average community college student completions for physical therapy programs in the Inland Empire/ Desert Region

1222.00 – Physical Therapy	Annual CC Headcount (2015-16)	CC Annual Avg. Awards (2013-16)	Other Educational Institutions Annual Avg. Certificates or Other Credit Awards (2012-15)
Loma Linda University			
Associate Degree			45
La Sierra University			
Award 1 < 2 academic yrs			1
San Bernardino	46		
Total CC Headcount (2015-16)	46		
Total annual average community college awards		-	
Total annual average other awards			46

Source: LaunchBoard, IPEDS

1222.00 Physical therapy program outcomes in the Inland Empire/ Desert Region 2014-15

Academic Year:

- Median annual earnings is \$11,653 (California median = \$33,621).
- 10% of students are earning a living wage (71%).
- No median change in earnings data available in local region (93%).
- No number of students employed within six months data available in local region (86%).



Sources

O*Net Online

Labor Insight/Jobs (Burning Glass)

Economic Modeling Specialists International (EMSI)

CTE LaunchBoard

Statewide CTE Outcomes Survey

Employment Development Department Unemployment Insurance Dataset

Living Insight Center for Community Economic Development

California Community Colleges Chancellor's Office Management Information Systems (MIS)

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Appendix A: Occupation definitions, five-year projections, and earnings for physical therapy occupational group

Occupation Definitions (SOC code), Education and Training Requirement, Community College Education Attainment

Physical Therapist Assistants (31-2021)

Assist physical therapists in providing physical therapy treatments and procedures. May, in accordance with State laws, assist in the development of treatment plans, carry out routine functions, document the progress of treatment, and modify specific treatments in accordance with patient status and within the scope of treatment plans established by a physical therapist. Generally requires formal training.

Sample of reported job titles: Certified Physical Therapist Assistant (CPTA), Home Health Physical Therapist Assistant, Licensed Physical Therapist Assistant (LPTA), Outpatient Physical Therapist Assistant, Per Diem Physical Therapist Assistant (Per Diem PTA), Physical Therapist Assistant (PTA), Physical Therapist Assistant and Nurse Aide, Physical Therapy Assistant (PTA), Physical Therapy Technician (Physical Therapy Tech), Staff Physical Therapy Assistant

Entry-Level Educational Requirement: Associate degree

Training Requirement: None

Percentage of incumbent workers with a Community College Award or Some Postsecondary Coursework:
69%

Physical Therapist Aides (31-2022)

Under close supervision of a physical therapist or physical therapy assistant, perform only delegated, selected, or routine tasks in specific situations. These duties include preparing the patient and the treatment area.

Sample of reported job titles: Clinical Rehabilitation Aide, Physical Therapist Aide (PTA), Physical Therapist Technician (Physical Therapy Tech), Physical Therapy Aide (PTA), Physical Therapy Attendant, Physical Therapy Technician, Rehabilitation Aide, Rehabilitation Attendant, Restorative Aide (RA), Restorative Care Technician

Entry-Level Educational Requirement: High school diploma or equivalent

Training Requirement: Less than one month on-the-job training

Percentage of incumbent workers with a Community College Award or Some Postsecondary Coursework: 69%

Table 1. 2016 to 2021 job growth for the physical therapy occupational group in the Inland Empire/Desert Region

Occupation (SOC)	2016 Jobs	2021 Jobs	5-Yr Change	5-Yr % Change	5-Yr Openings (New + Replacement Jobs)	Annual Openings (New + Replacement Jobs)
Physical Therapist Aides (31-2022)	528	633	105	20%	440	88
Physical Therapist Assistants (31-2021)	350	469	119	34%	352	70
Total	878	1,102	224	26%	792	158

Source: EMSI 2017.4