

**Labor Market Analysis: 1201.00 – Health Occupations, General  
Patient Transporter (Orderly) – (Certificate)**  
Los Angeles Center of Excellence, August 2022

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**Summary**

<b>Program Endorsement:</b>	<b>Endorsed: All Criteria Met</b> <input type="checkbox"/>	<b>Endorsed: Some Criteria Met</b> <input checked="" type="checkbox"/>	<b>Not Endorsed</b> <input type="checkbox"/>
<b>Program Endorsement Criteria</b>			
<b>Supply Gap:</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> (see comments below)	
<b>Living Wage: (Entry-Level, 25<sup>th</sup>)</b>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
<b>Education:</b>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
<b>Emerging Occupation(s)</b>			
Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	

The Los Angeles Center of Excellence for Labor Market Research (LA COE) prepared this report to provide regional labor market supply and demand data related to one middle-skill occupation:

- **Orderlies (31-1132):** Transport patients to areas such as operating rooms or x-ray rooms using wheelchairs, stretchers, or moveable beds. May maintain stocks of supplies or clean and transport equipment.<sup>1</sup>

Middle-skill occupations typically require some postsecondary education, but less than a bachelor’s degree.<sup>2</sup> Although the occupation in this report typically does not require any postsecondary education, it is considered middle-skill because approximately one-third of workers in the field have completed some college or an associate degree. This report is intended to help determine whether there is demand in the local labor market that is not being met by the supply from community college programs that align with the relevant occupation.

Based on the available data, it is difficult to determine whether or not there is a supply gap for *orderlies* in the region. While the current Introduction to Patient Transporting program at East L.A. College is coded under Health Occupations, General (TOP 1201.00), it is the only regional program coded here focused on patient transporting, while other similarly-coded programs train for other various entry-level medical occupations. When there is not a dedicated TOP code for a specific occupation such as *orderlies*, it is challenging to accurately gauge relevant completions, which increases the margin of error in the supply side analysis (overestimating the supply, in this case). Nevertheless, due to nearly half of current workers in the field having completed some

<sup>1</sup> [Orderlies \(bls.gov\)](https://www.bls.gov)

<sup>2</sup> The COE classifies middle-skill jobs as the following:

- All occupations that require an educational requirement of some college, associate degree or apprenticeship;
- All occupations that require a bachelor’s degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- All occupations that require a high school diploma or equivalent or no formal education, but also require short- to long-term on-the-job training where multiple community colleges have existing programs.

college or an associate degree, **the COE endorses this proposed program**. Detailed reasons include:

**Demand:**

- **Supply Gap Criteria** – Over the next five years, **242 jobs are projected to be available annually** in the region due to new job growth and replacements, **which is less than the three-year average of 393 awards conferred** by educational institutions in the region.
- **Living Wage Criteria** – In Los Angeles County, the **typical entry-level hourly wage** for *orderlies* is **\$17.88**, which is **below the self-sufficiency standard** wage for one adult in the region (\$18.10 in Los Angeles County).<sup>3</sup>
- **Educational Criteria** – The Bureau of Labor Statistics (BLS) lists a **high school diploma or equivalent** as the **typical entry-level education** for *orderlies*.
  - However, national-level educational attainment data indicates that **47% of workers in the field have completed some college or an associate degree**.

**Supply:**

- Between 2018 and 2021, **14 community colleges** in the greater LA/OC region issued awards in Health Occupations, General – conferring an average of **362 awards**.
  - However, only one community college in the region has a program specifically dedicated to training *orderlies*: Introduction to Patient Transporting (East LA).
- Between 2017 and 2020, one non-community college institution in the greater LA/OC region conferred an average of **31 awards in relevant program(s)**.

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<sup>3</sup> Self-Sufficiency Standard wage data was pulled from The Self-Sufficiency Standard Tool for California. For more information, visit: <http://selfsufficiencystandard.org/california>.

## Occupational Demand

Exhibit 1 shows the five-year occupational demand projections for *orderlies*. In the greater Los Angeles/Orange County region, the number of jobs related to this occupation is projected to increase by 4% through 2026. There will be more than 200 job openings per year through 2026 due to job growth and replacements.

**Exhibit 1: Occupational demand in Los Angeles and Orange Counties<sup>4</sup>**

Geography	2021 Jobs	2026 Jobs	2021-2026 Change	2021-2026 % Change	Annual Openings
Los Angeles	1,466	1,520	54	4%	192
Orange	384	398	14	4%	50
<b>Total</b>	<b>1,849</b>	<b>1,918</b>	<b>69</b>	<b>4%</b>	<b>242</b>

## Wages

The labor market endorsement in this report considers the hourly wages for *orderlies* in Los Angeles County as they relate to the county's self-sufficiency standard wage. Orange County wages are included below in order to provide a complete analysis of the greater LA/OC region. Detailed wage information, by county, is included in Appendix A.

**Los Angeles County** — The typical entry-level hourly wage for *orderlies* is \$17.88, which is **below** the self-sufficiency standard wage for one adult (\$18.10 in Los Angeles County). Experienced workers can expect to earn approximately \$23.19, which is above the self-sufficiency standard wage estimate.

**Exhibit 2: Hourly Earnings for Occupations in LA County**

Occupation	Entry-Level Hourly Earnings (25 <sup>th</sup> Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 <sup>th</sup> Percentile)
Orderlies (31-1132)	\$17.88	\$18.39	\$23.19

**Orange County** — The typical entry-level hourly wage for *orderlies* is \$16.73, which is **below** the self-sufficiency standard wage for one adult (\$20.63 in Orange County). Experienced workers can expect to earn approximately \$21.68, which is above the self-sufficiency standard wage estimate.

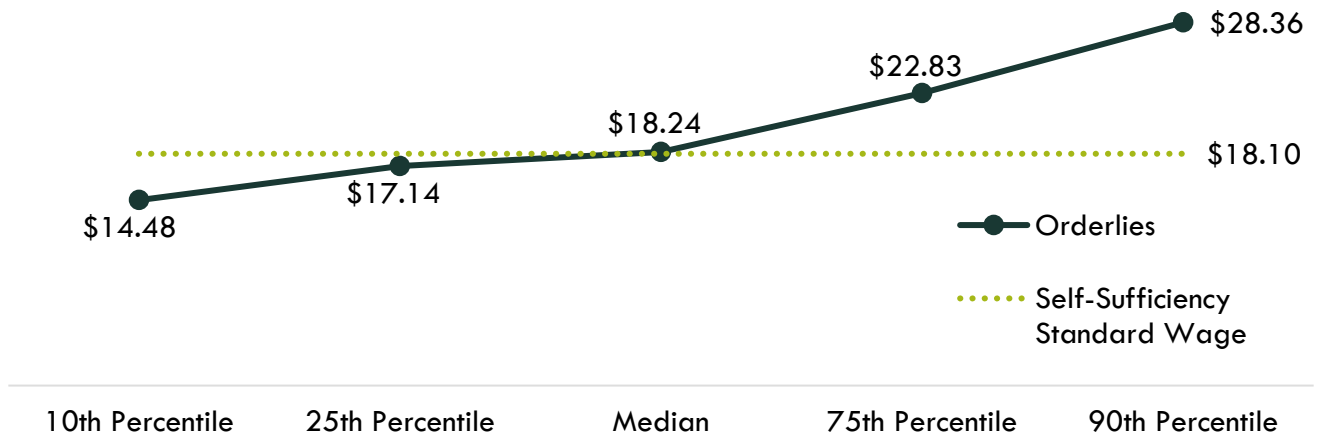
**Exhibit 3: Hourly Earnings for Occupations in Orange County**

Occupation	Entry-Level Hourly Earnings (25 <sup>th</sup> Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 <sup>th</sup> Percentile)
Orderlies (31-1132)	\$16.73	\$17.18	\$21.68

<sup>4</sup> Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

The entry-level hourly wage for *orderlies* is \$17.14; this is below the self-sufficiency standard wage for one single adult in Los Angeles County (\$18.10). However, the median hourly wage for *orderlies* is slightly above the county’s self-sufficiency standard wage estimate (\$18.24). Exhibit 4 shows the average earnings for *orderlies*, from entry-level to experienced workers.

**Exhibit 4: Average Hourly Earnings for Orderlies in LA/OC**



**Job Postings**

Over the past 12 months, there have been 602 online job postings for *orderlies* in the region. The highest number of job postings were for patient transporters, orderlies, imaging transporters, transportation aides, and senior patient escorts. The top skills were patient transportation and transfer, patient care, life support, acute care, and infection control. The top employers, by number of job postings, in the region were Cedars-Sinai, University of California, and Tenet Health System.

**Educational Attainment**

The Bureau of Labor Statistics (BLS) lists a high school diploma or equivalent as the typical entry-level education for *orderlies*. However, national-level educational attainment data indicates that 47% of workers in the field have completed some college or an associate degree.

## Educational Supply

**Community College Supply** — Exhibit 5 shows the annual and three-year average number of awards conferred by community colleges in Health Occupations, General (TOP 1201.00). The colleges with the most completions in the region are Saddleback, Pasadena, and LA Mission.

**NOTE:** Health Occupations, General (TOP 1201.00) programs train for several middle-skill health occupations. According to the Chancellor’s Office Curriculum Inventory (COCI), one college in the greater LA/OC region currently offers Introduction to Patient Transporting (East LA), and this program is coded under 1201.00 – Health Occupations, General.

**Exhibit 5: Regional community college awards (certificates and degrees), 2018-2021**

TOP	Program	College	2018-19 Awards	2019-20 Awards	2020-21 Awards	3-Year Average
1201.00	Health Occupations, General	Citrus	-	-	5	2
		East LA	10	26	19	18
		LA City	-	1	65	22
		LA Mission	35	10	29	25
		LA Southwest	-	-	2	1
		LA Trade-Tech	3	8	3	5
		Long Beach	7	4	19	10
		Mt San Antonio	-	1	6	2
		Pasadena	11	37	32	27
		West LA	1	1	5	2
		<b>LA Subtotal</b>	<b>67</b>	<b>88</b>	<b>185</b>	<b>113</b>
		Cypress	2	6	12	7
		Irvine Valley	-	-	1	0
		Orange Coast	4	2	1	2
		Saddleback	254	228	235	239
		<b>OC Subtotal</b>	<b>260</b>	<b>236</b>	<b>249</b>	<b>248</b>
		<b>Supply Total/Average</b>			<b>327</b>	<b>324</b>

**Non-Community College Supply** — For a comprehensive regional supply analysis, it is important to consider the supply from other institutions in the region that may provide training programs for *orderlies*. Exhibit 6 shows the annual and three-year average number of awards conferred in relevant programs. Due to different data collection periods, the most recent three-year period of available data is from 2017 to 2020. Between 2017 and 2020, one non-community college institution in the region conferred an average of 31 awards.

**Exhibit 6: Regional non-community college awards, 2017-2020**

<b>CIP</b>	<b>Program</b>	<b>Institution</b>	<b>2017-18 Awards</b>	<b>2018-19 Awards</b>	<b>2019-20 Awards</b>	<b>3-Year Average</b>
51.0000	Health Services/ Allied Health/ Health Sciences, General	Los Angeles Pacific University	31	31	31	31
<b>Supply Total/Average</b>			<b>31</b>	<b>31</b>	<b>31</b>	<b>31</b>

## Appendix A: Occupational demand and wage data by county

### Exhibit 7. Los Angeles County

Occupation (SOC)	2021 Jobs	2026 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings (25 <sup>th</sup> Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 <sup>th</sup> Percentile)
Orderlies (31-1132)	1,466	1,520	54	4%	192	\$17.88	\$18.39	\$23.19

### Exhibit 8. Orange County

Occupation (SOC)	2021 Jobs	2026 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings (25 <sup>th</sup> Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 <sup>th</sup> Percentile)
Orderlies (31-1132)	384	398	14	4%	50	\$16.73	\$17.18	\$21.68

### Exhibit 9. Los Angeles and Orange Counties

Occupation (SOC)	2021 Jobs	2026 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Typical Entry-Level Education
Orderlies (31-1132)	1,849	1,918	69	4%	242	HS diploma or equivalent

#### Appendix B: Sources

- O\*NET Online
- Labor Insight (Burning Glass Technologies)
- Lightcast (formerly Emsi)
- Economic Modeling Specialists, International (Emsi)
- Bureau of Labor Statistics (BLS)
- California Employment Development Department, Labor Market Information Division, OES
- California Community Colleges Chancellor's Office Management Information Systems (MIS)
- Self-Sufficiency Standard at the Center for Women's Welfare, University of Washington
- Chancellor's Office Curriculum Inventory (COCI 2.0)

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