

# Recreational Vehicle Service Technicians Labor Market Analysis: San Diego County

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January 2018

## Summary

The following list summarizes findings from the labor market analysis below for *Recreational Vehicle Service Technicians*:

- Between 2016 and 2021, *Recreational Vehicle Service Technicians* are projected to remain the same in the number of jobs in San Diego County.
- Employers in San Diego County will need to hire 20 workers annually to fill new jobs and to backfill jobs due to attrition such as retirement or turnover.
- Between 2010 and 2017, there was an average of six online job postings per year for *Recreational Vehicle Service Technicians* in San Diego County.
- *Recreational Vehicle Service Technicians* earn median hourly earnings of \$21.98, more than the self-sufficiency wage (\$13.09 per hour) for a single adult in San Diego County.
- According to the California Community Colleges Chancellor's Office Management Information System (MIS) Data Mart, no colleges supply the region with any awards for this occupation.
- Comparing the labor market demand against labor supply, there is a supply gap for this occupation in San Diego County, with 20 annual openings and zero awards. Comparatively, there are 171 annual openings in California and zero awards.
- Between January 1, 2015 and December 31, 2017, the top two employers in San Diego County for this occupation were La Mesa RV Center, Sunrise RV, Health Incorporated and South Coast RV.
- The typical on-the-job training for this profession is long-term. The typical entry-level education is a high school diploma or equivalent.

## Introduction

This report provides labor market information in San Diego County for the following occupational code in the Standard Occupational Classification (SOC)<sup>1</sup> system:

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<sup>1</sup> The Standard Occupational Classification (SOC) system is used by federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating or disseminating data. [bls.gov/soc](http://bls.gov/soc).

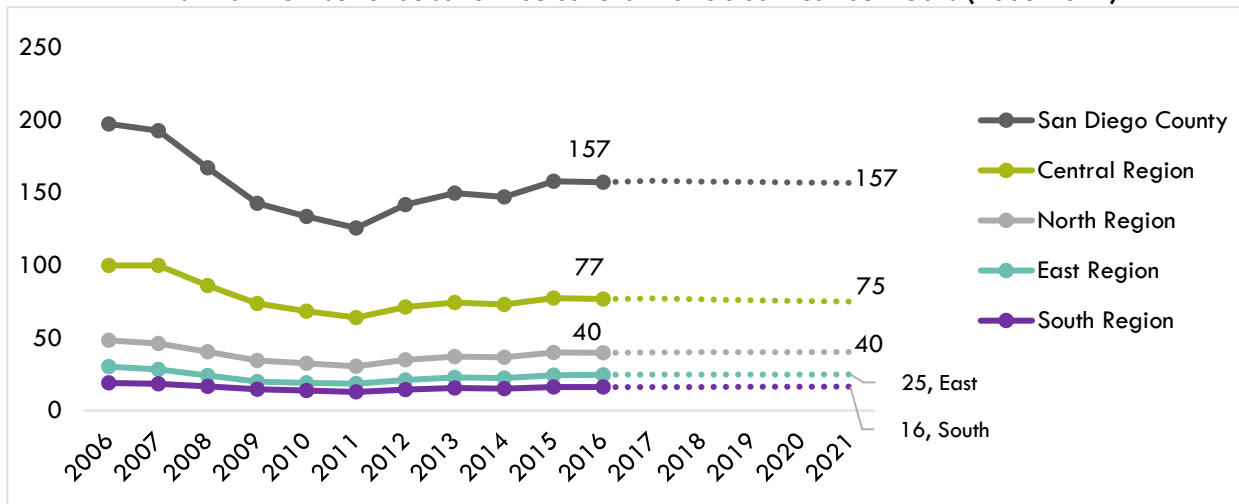
**Recreational Vehicle Service Technicians (SOC 49-3092):** Diagnose, inspect, adjust, repair or overhaul recreational vehicles including travel trailers. May specialize in maintaining gas, electrical, hydraulic, plumbing or chassis/towing systems as well as repairing generators, appliances and interior components. Includes workers who perform customized van conversions. Excludes "Automotive Service Technicians and Mechanics" (49-3023) and "Bus and Truck Mechanics and Diesel Engine Specialists" (49-3031) who also work on recreation vehicles. Sample reported job titles include:

- RV Service Technician (Recreational Vehicle Service Technician)
- RVDA Master Certified RV Technician (Recreational Vehicle Dealer Association Master Certified Recreational Vehicle Technician)
- Mobile Service RV Technician (Mobile Service Recreational Vehicle Technician)
- Master Certified RV Technician (Master Certified Recreational Vehicle Technician)
- Service Technician
- RV Technician (Recreational Vehicle Technician)
- RV Repair Technician (Recreational Vehicle Repair Technician)
- RV Parts and Service Director (Recreational Vehicle Parts and Service Director)
- RV Body Mechanic (Recreational Vehicle Body Mechanic)
- Hitch Technician

### Projected Occupational Demand

Between 2016 and 2021, *Recreational Vehicle Service Technicians* are projected to remain the same in the number of jobs in San Diego County (Exhibit 1a and Exhibit 1b).<sup>2</sup>

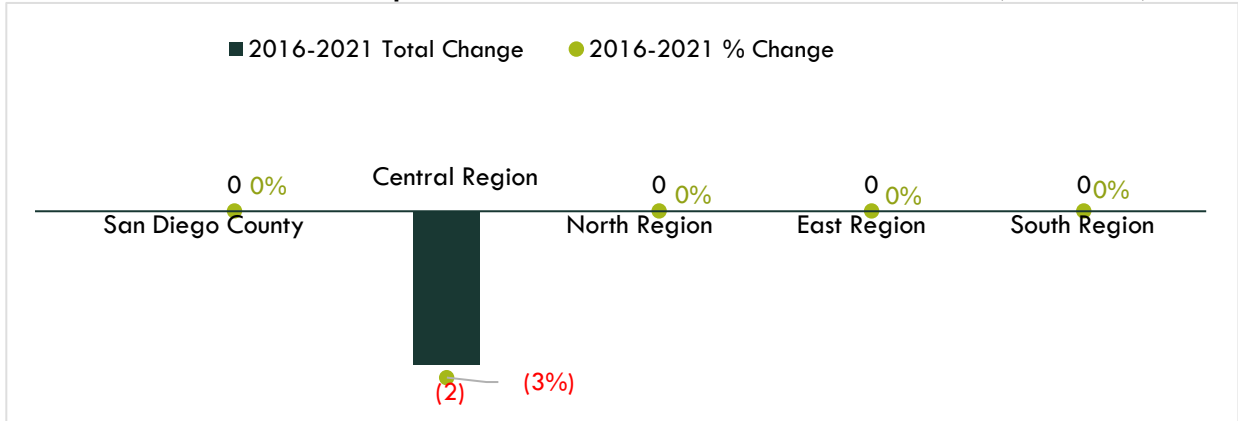
**Exhibit 1a: Number of Jobs for Recreational Vehicle Service Technicians (2006-2021)<sup>3</sup>**



<sup>2</sup> South, East, Central and North Regions' ZIP codes in this report are defined by the local Workforce Development Board, the San Diego Workforce Partnership.

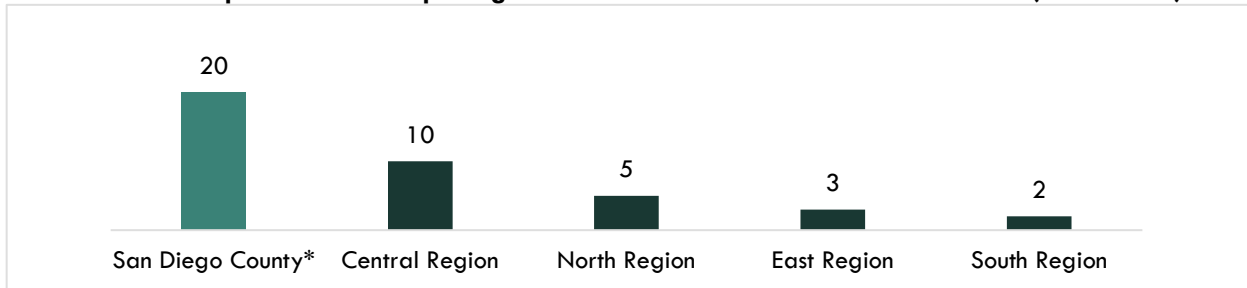
<sup>3</sup> Economic Modeling Specialists, Int'l. (EMS). San Diego County (6073). 2017.03 Class of Worker. QCEW + Non-QCEW+ Self-Employed. 2006-2021.

**Exhibit 1b: Five-Year Projections for Recreational Vehicle Service Technicians (2016-2021)<sup>4</sup>**



Employers in San Diego County will need to hire 20 workers annually to fill new jobs and backfill jobs due to attrition such as retirement or turnover (Exhibit 2). The most demand will be in the Central Region.

**Exhibit 2: Projected Annual Openings for Recreational Vehicle Service Technicians (2016-2021)<sup>5</sup>**



\*Total annual openings for the subregions in San Diego County may not add up exactly due to rounding.

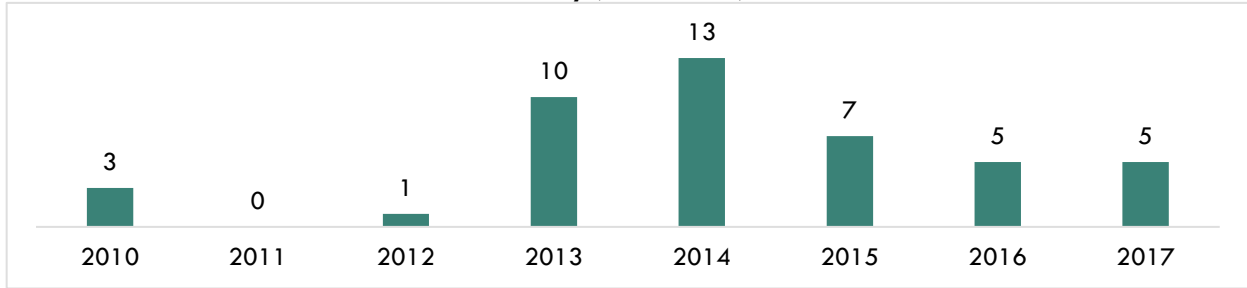
### Online Job Postings

Between 2010 and 2017, there was an average of six online job postings per year for *Recreational Vehicle Service Technicians* in San Diego County (Exhibit 3).

<sup>4</sup> EMSI. San Diego County (6073). 2017.04 Class of Worker. QCEW + Non-QCEW + Self-Employed. 2016-2021.

<sup>5</sup> EMSI. San Diego County (6073). 2017.04 Class of Worker. QCEW + Non-QCEW + Self-Employed. 2016-2021.

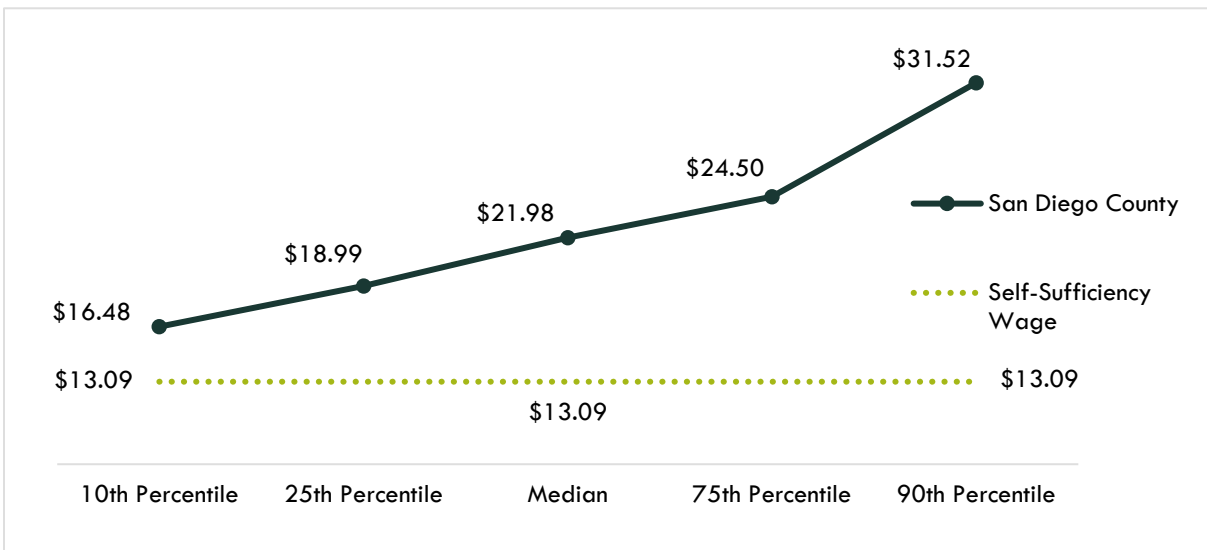
**Exhibit 3: Number of Online Job Postings for Recreational Vehicle Service Technicians in San Diego County (2010-2017)<sup>6</sup>**



## Earnings

Recreational Vehicle Service Technicians earn median hourly earnings of **\$21.98**, more than the self-sufficiency wage (\$13.09 per hour)<sup>7</sup> for a single adult in San Diego County (Exhibit 4).

**Exhibit 4: Hourly Earnings for Recreational Vehicle Service Technicians in San Diego County<sup>8</sup>**



## Educational Supply

Educational supply for an occupation can be estimated by analyzing the number of related program completers/graduates/awards in San Diego County. To determine what programs are available, Exhibit 5 lists the Taxonomy of Programs (TOP) code(s) related to the SOC code analyzed.

<sup>6</sup> Labor Insight Jobs. Burning Glass Technologies. San Diego, CA. Full years 2010-2017.

<sup>7</sup> The self-sufficiency wage in San Diego for one adult is \$13.09 ([insightccd.org/tools-metrics/self-sufficiency-standard-tool-for-california](https://insightccd.org/tools-metrics/self-sufficiency-standard-tool-for-california)).

<sup>8</sup> EMSI. San Diego County (6073). 2017.04 Class of Worker. QCEW + Non-QCEW + Self-Employed. 2016-2021.

### Exhibit 5: Related TOP Codes in San Diego County

#### SOC 49-3092: Recreational Vehicle Service Technicians

TOP 94850: Recreational Vehicle Service

According to the California Community Colleges Chancellor's Office Management Information System (MIS) Data Mart, no colleges supply the region or the state with awards for this occupation (Exhibit 6). 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 to 2015 with the relevant TOP code.

**Please note:** An award is not equivalent to a single person in search of a job opening because a student may earn more than one award such as an associate degree in addition to a certificate.

#### Exhibit 6: Number of Awards (Certificates and Degrees) Conferred by Postsecondary Institutions by Occupation (Program Year 2012-13 through PY2015-16 Average)

| TOP06  | TOP06 Title                  | 3-Yr Annual Average Supply (PY13-14 to PY15-16) | 3-Yr Annual Average CC Awards (PY13-14 to PY15-16) | Other Educational Institutions 3-Yr Annual Average Awards (PY12-13 to PY14-15) |
|--------|------------------------------|---|--|--|
| 094850 | Recreational Vehicle Service | 0   | 0  | 0  |

\*Total number of awards may not add up exactly due to rounding.

### Demand vs. Supply

Comparing the labor demand (annual openings) with labor supply<sup>9</sup> from the region's community colleges, there is a supply gap for this occupation in San Diego County, with 20 annual openings and zero awards. Comparatively, there are 171 annual openings in California and zero completions.<sup>10</sup>

#### Exhibit 7: Labor Demand (Annual Openings) Compared to Labor Supply (Average Annual Awards)

| Community Colleges and Other Postsecondary Educational Institutions | Demand (Annual Openings) | Supply (Total Annual Average Supply) | Supply Gap or Oversupply |
|---|--------------------------|--------------------------------------|--------------------------|
| San Diego County  | 20                       | 0                                    | 20                       |
| California  | 171                      | 0                                    | 171                      |

<sup>9</sup> Labor supply can be found from two different sources: EMSI or the California Community Colleges Chancellor's Office MIS Data Mart. EMSI uses CIP codes while MIS uses TOP codes. Different coding systems result in differences in the supply numbers.

<sup>10</sup> EMSI. San Diego County (6073). 2017.04 Class of Worker. QCEW + Non-QCEW + Self-Employed. 2016-2021.

**Please note:** This is a basic analysis of supply and demand of labor for these occupations. This data should be used to discuss the potential gaps or oversupply of workers for these occupations; however, it should not be the only basis for determining whether or not a program should be developed. Additionally, the data does not include workers who are currently in the labor force who could fill these positions or workers who are not captured by publicly available data.

## Student Outcomes

Because there are no programs in the region that train workers for Recreational Vehicle Service Technicians student outcome data is not available in the CTE LaunchBoard.<sup>11</sup>

## Top Employers and Work Locations

Between January 1, 2015 and December 31, 2017, the top four employers in San Diego County for this occupation were *La Mesa RV Center, Sunrise RV, Health Incorporated and South Coast RV* (Exhibit 9).

### Exhibit 9: Top Employers in San Diego County for Recreational Vehicle Service Technicians

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#### Top Employers

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- La Mesa RV Center
  - Sunrise RV
  - Health Incorporated
  - South Coast RV
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## Skills, Education and Certifications

Exhibit 10 indicates the educational attainment for the occupation found currently in the national labor force. The typical on-the-job training for this occupation is *long-term on-the-job training*. The typical entry-level education is a *high school diploma or equivalent*.<sup>12</sup>

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<sup>11</sup> [calpassplus.org/LaunchBoard/SWP.aspx](http://calpassplus.org/LaunchBoard/SWP.aspx).

<sup>12</sup> EMSI. San Diego County (6073). 2017.04 Class of Worker. QCEW + Non-QCEW + Self-Employed. 2016-2021.

**Exhibit 10: National Educational Attainment of Recreational Vehicle Service Technicians**

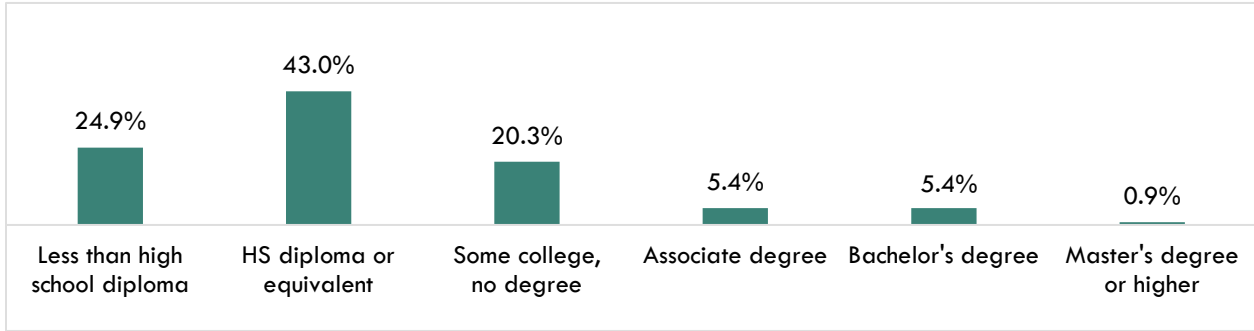


Exhibit 11 lists the top specialized, soft and software skills that appeared in online job postings for between January 1, 2015 and December 31, 2017.

**Exhibit 11: Top Skills for Recreational Vehicle Service Technicians in San Diego County<sup>13</sup>**

| Specialized Skills  | Soft Skills   | Software Skills  |
|---|---|--|
| <ul style="list-style-type: none"> <li>• Customer Service</li> <li>• Repair</li> <li>• Commercial Driving</li> <li>• Record Keeping</li> <li>• Mechanical Design</li> </ul> | <ul style="list-style-type: none"> <li>• Detail-oriented</li> <li>• Organizational Skills</li> <li>• Communication Skills</li> <li>• Energetic</li> <li>• Multitasking</li> </ul> | <ul style="list-style-type: none"> <li>• None specified</li> </ul> |

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<sup>13</sup> Labor Insight Jobs. Burning Glass Technologies. San Diego, CA. Full years 2015-2017.