

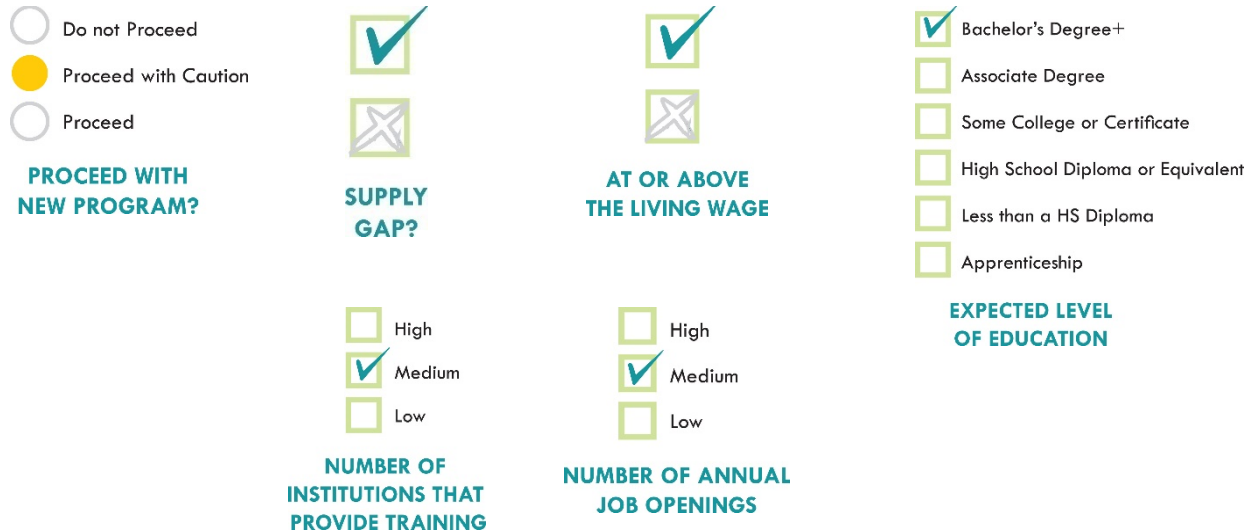
# Music Directors and Composers

## Labor Market Analysis: San Diego County

May 2019

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### Summary



This report attempted to provide labor market information on *Music Composers and Arrangers*, but due to insufficient data in the labor market, *Music Directors and Composers* was used. According to available labor market information, there is a small demand for *Music Directors and Composers* in San Diego County. *Music Directors and Composers Occupations* have a labor market demand of 60 annual job openings, while average demand for an occupation in San Diego County is 277 annual job openings. Four educational institutions in San Diego County supply 32 awards for this occupation, suggesting that there is a supply gap. However, this supply number does not include people currently in the labor force looking for work as *Music Directors and Composers*. This occupation's median wages are higher than the Self-Sufficiency Standard, suggesting that students who successfully complete a program and obtain employment in a related field may earn a living wage.

## Introduction

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

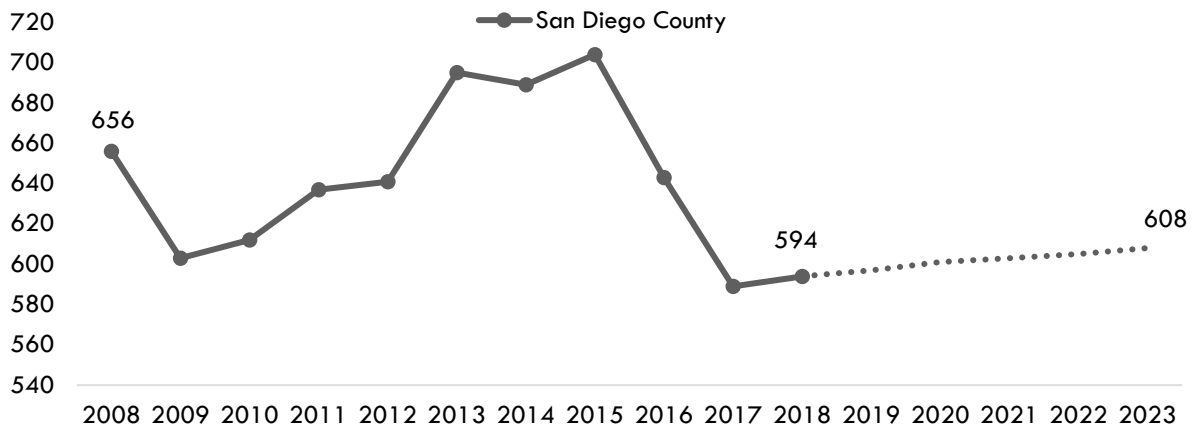
**Music Directors and Composers (27-2041):** Conduct, direct, plan, and lead instrumental or vocal performances by musical groups, such as orchestras, bands, choirs, and glee clubs. Includes arrangers, composers, choral directors, and orchestrators. For this report, *Music Directors and Composers* include:

- **Music Directors (SOC 27-2041.01):** Direct and conduct instrumental or vocal performances by musical groups, such as orchestras or choirs.
- **Music Composers and Arrangers (SOC 27-2041.04):** Write and transcribe musical scores.

## Projected Occupational Demand

Between 2018 and 2023, *Music Directors and Composers* are projected to increase by 14 jobs or two percent (Exhibit 1). Employers in San Diego County will need to hire 60 workers annually to fill new jobs and backfill jobs due to attrition caused by turnover and retirement, for example.

**Exhibit 1: Number of Jobs for Music Directors and Composers (2008-2023)<sup>2</sup>**



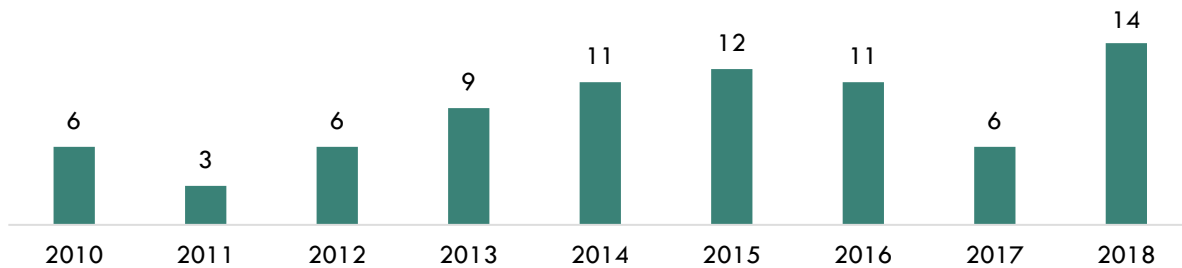
<sup>1</sup> The Standard Occupational Classification (SOC) system is used by federal statistical agencies to classify workers into occupational categories for the purpose of collecting, calculating or disseminating data. [bls.gov/soc](https://www.bls.gov/soc).

<sup>2</sup> Emsi 2019.02; QCEW, Non-QCEW, Self-Employed.

## Online Job Postings

Between 2010 and 2018, there was an average of **nine** online job postings per year for *Music Directors and Composers* in San Diego County (Exhibit 2).

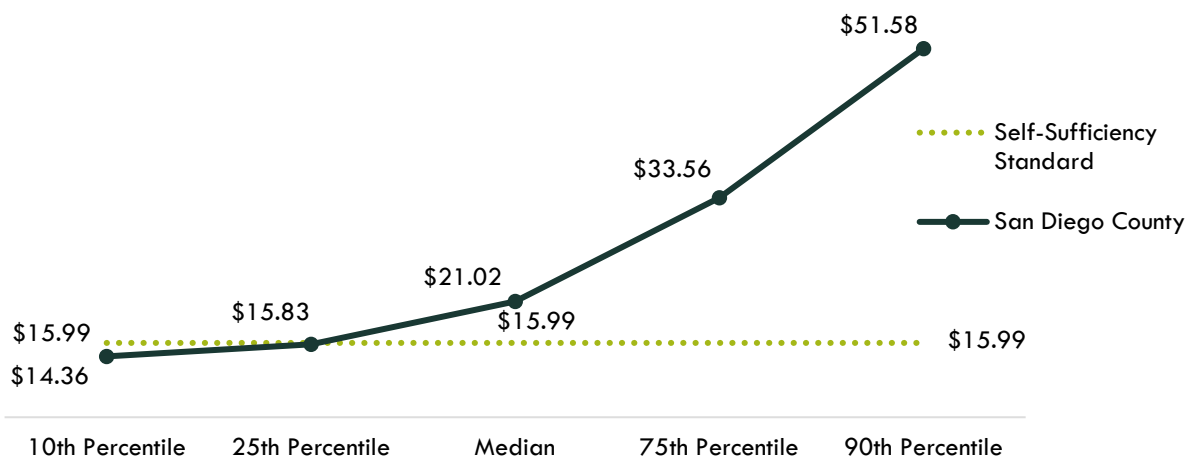
**Exhibit 2: Number of Online Job Postings for *Music Directors and Composers* in San Diego County (2010-2018)<sup>3</sup>**



## Earnings

*Music Directors and Composers* receive median hourly earnings of **\$21.02**; this is more than the Self-Sufficiency Standard for a single adult in San Diego County, which is **\$15.99** per hour (Exhibit 3).<sup>4</sup>

**Exhibit 3: Hourly Earnings<sup>5</sup> for *Music Directors and Composers* in San Diego County<sup>6</sup>**



<sup>3</sup> Burning Glass Technologies, "Labor Insight Real-Time Labor Market Information Tool." 2010-2018.

<sup>4</sup> "Self-Sufficiency Standard," Insight: Center for Community Economic Development, last updated 2018. [insightccd.org/2018-self-sufficiency-standard](https://insightccd.org/2018-self-sufficiency-standard).

<sup>5</sup> 10th and 25th percentiles could be considered entry-level wages, and 75th and 90th percentiles could be considered experienced wages for individuals who may have been in the occupation longer, received more training than others, etc.

<sup>6</sup> Emsi 2019.02; QCEW, Non-QCEW, Self-Employed.

## Educational Supply

Educational supply for an occupation can be estimated by analyzing the number of awards in related Taxonomy of Programs (TOP) or Classification of Instructional Programs (CIP) codes.<sup>7</sup> There is **one** TOP code and **two** CIP codes related to *Music Directors and Composers* (Exhibit 4).

**Exhibit 4: Related TOP and CIP Codes for *Music Directors and Composers***

<i>Music Directors and Composers</i>
TOP 100500: Commercial Music
CIP 50.0913: Music Technology
CIP 50.1003: Music Management

According to TOP data, **four** community colleges supply the region with awards for this occupation: *MiraCosta College, San Diego City College, San Diego Miramar, and Southwestern College*. According to CIP data, there are no non-community colleges supplying the region with awards (Exhibit 5).

**Exhibit 5: Number of Awards (Certificates and Degrees) Conferred by Postsecondary Institutions (Program Year 2013-14 through PY2016-17 Average)**

TOP6 or CIP	TOP6 or CIP Title	3-Yr Annual Average CC Awards (PY14-15 to PY16-17)	Other Educational Institutions 3-Yr Annual Average Awards (PY13-14 to PY15-16)	3-Yr Total Average Supply (PY13-14 to PY16-17)
100500	Commercial Music	<b>32</b>	<b>0</b>	<b>32</b>
	<ul style="list-style-type: none"> <li>MiraCosta</li> </ul>	20	0	
	<ul style="list-style-type: none"> <li>San Diego City</li> </ul>	8	0	
	<ul style="list-style-type: none"> <li>San Diego Miramar</li> </ul>	1	0	
	<ul style="list-style-type: none"> <li>Southwestern</li> </ul>	3	0	
			<b>Total</b>	<b>32</b>

<sup>7</sup> TOP data comes from the California Community Colleges Chancellor's Office MIS Data Mart (datamart.cccco.edu) and CIP data comes from the Integrated Postsecondary Education Data System (nces.ed.gov/ipeds/use-the-data).

## Demand vs. Supply

Comparing labor demand (annual openings) with labor supply<sup>8</sup> suggests that there is a **supply gap** for this occupation in San Diego County, with **60** annual openings and **32** awards. Comparatively, there are **775** annual openings in California and **1,632** awards<sup>9</sup> (Exhibit 6).

**Exhibit 6: Labor Demand (Annual Openings) Compared with Labor Supply (Average Annual Awards)**

Community Colleges and Other Postsecondary Educational Institutions	Demand (Annual Openings)	Supply (Total Annual Average Supply)	Supply Gap or <b>OverSupply</b>
San Diego	60	32	<b>28</b>
California	775	1,632	<b>857</b>

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

## Student Outcomes and Regional Comparisons

Based on the information available in the CTE LaunchBoard, students who took courses in the related TOP codes exhibited the following outcomes (Exhibit 7).

**Exhibit 7: Strong Workforce Program Metrics for TOP 100500: Commercial Music San Diego-Imperial Region vs. California (PY2015-16)**

Metric	San Diego-Imperial	California
Number of course enrollments <sup>10</sup>	761	13,237
Completed 12+ CTE units in one year <sup>11</sup>	29	848
Completed 48+ CTE contact hours in one year <sup>12</sup>	0	N/A
Number of students who got a degree or certificate <sup>13</sup>	26	356

<sup>8</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>9</sup> "Supply and Demand," Centers of Excellence Student Outcomes, [coecc.net/Supply-and-Demand.aspx](http://coecc.net/Supply-and-Demand.aspx).

<sup>10</sup> The number of enrollments in courses assigned to the TOP code in the selected year.

<sup>11</sup> The number of students who completed 12 or more credit CTE units.

<sup>12</sup> The number of students who completed 48 or more noncredit CTE instructional contact hours.

<sup>13</sup> The number of unduplicated students who earned a locally-issued certificate, Chancellor's Office approved certificate, associate degree, and/or California Community Colleges bachelor's degree in the selected TOP code.

Metric	San Diego-Imperial	California
Number of students who transferred <sup>14</sup>	28	396
Employed in the second fiscal quarter after exit <sup>15</sup>	62%	64%
Employed in the fourth fiscal quarter after exit <sup>16</sup>	60%	63%
Job closely related to field of study <sup>17</sup>	N/A	N/A
Median earnings in the second fiscal quarter after exit <sup>18</sup>	\$4,937	\$4,540
Median change in earnings <sup>19</sup>	60%	71%
Attained a living wage <sup>20</sup>	29%	23%

## Top Employers and Work Locations

Between January 1, 2016 and December 31, 2018, the top five employers in San Diego County for this occupation were [San Diego Children’s Choir](#), [Grossmont Union High School District](#), [Abbywho](#), [Sawyer Contracting](#), and the [Academy of Our Lady of Peace](#) (Exhibit 8).

### Exhibit 8: Top Employers in San Diego County for *Music Directors and Composers*<sup>21</sup>

Top Employers	
<ul style="list-style-type: none"> <li>• San Diego Children’s Choir</li> <li>• Grossmont Union High School District</li> <li>• Abbywho, Inc.</li> <li>• Sawyer Contracting LLC</li> <li>• Academy of Our Lady of Peace</li> </ul>	<ul style="list-style-type: none"> <li>• Children’s Creative And Performing Arts Academy</li> <li>• Fallbrook Union High School District</li> <li>• JCC Association</li> <li>• Magnolia Science Academy</li> <li>• Mater Dei Catholic High School</li> </ul>

<sup>14</sup> Students who took non-introductory courses or completed a California Community Colleges Chancellor’s Office award in the selected TOP code in selected year who subsequently enrolled for the first time in a four-year institution the following year.

<sup>15</sup> Among all exiters with a valid SSN, the percentage who were employed two quarters after exiting California Community Colleges.

<sup>16</sup> Among exiting students with a valid SSN, the percentage who were employed four quarters after exiting California Community Colleges.

<sup>17</sup> Among students who responded to the CTEOS, the percentage reporting employment in the same or similar field as their program of study.

<sup>18</sup> Among exiting students, the median second-quarter earnings one year after the year in which they exited California Community Colleges.

<sup>19</sup> Among exiting students with a valid SSN, the percentage change in earnings one year before and one year after exiting California Community Colleges.

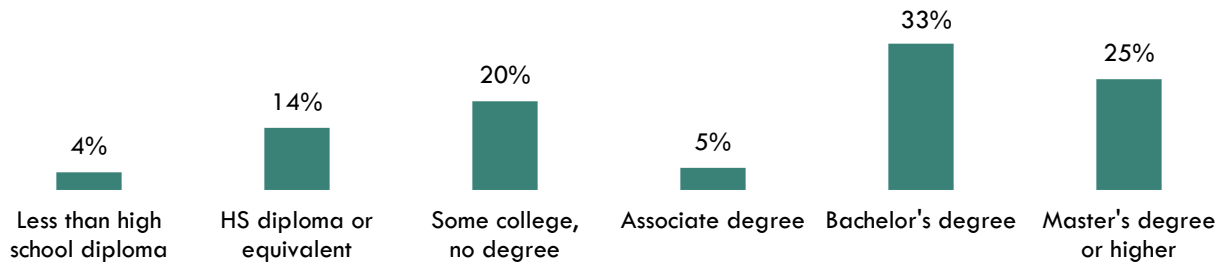
<sup>20</sup> Among completers and skills builders who exited, the proportion of students who attained a living wage.

<sup>21</sup> Burning Glass Technologies, “Labor Insight Real-Time Labor Market Information Tool.” 2016-2018.

## Skills, Education, and Certifications

Exhibit 9 indicates the educational attainment for the occupation found currently in the national labor force. There is no typical on-the-job training for this occupation. The typical entry-level education is a bachelor's degree.<sup>22</sup>

**Exhibit 9: National Educational Attainment of Music Directors and Composers<sup>23</sup>**



\*May not add to 100% due to rounding

Exhibit 10 lists the top specialized, soft, and software skills that appeared in online job postings between January 1, 2016 and December 31, 2018.

**Exhibit 10: Top Skills for Music Directors and Composers in San Diego County<sup>24</sup>**

Specialized Skills	Soft Skills	Software Skills
<ul style="list-style-type: none"> <li>• Music</li> <li>• Piano</li> <li>• Teaching</li> <li>• Singing</li> <li>• Scheduling</li> </ul>	<ul style="list-style-type: none"> <li>• Planning</li> <li>• Teamwork / Collaboration</li> <li>• Organizational Skills</li> <li>• Communication Skills</li> <li>• English</li> </ul>	<ul style="list-style-type: none"> <li>• Microsoft Publisher</li> <li>• Final Cut Pro</li> </ul>

<sup>22</sup> Emsi 2019.02; QCEW, Non-QCEW, Self-Employed.

<sup>23</sup> "Educational Attainment for Workers 25 Years and Older by Detailed Occupation," Bureau of Labor Statistics, last modified October 18, 2018. [bls.gov/emp/tables/educational-attainment.htm](https://bls.gov/emp/tables/educational-attainment.htm).

<sup>24</sup> Burning Glass Technologies, "Labor Insight Real-Time Labor Market Information Tool." 2016-2018.

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### **Important Disclaimers**

All representations included in this report have been produced from primary research and/or secondary review of publicly and/or privately available data and/or research reports. This study examines the most recent data available at the time of the analysis; however, data sets are updated regularly and may not be consistent with previous reports. Efforts have been made to qualify and validate the accuracy of the data and the report findings; however, neither the Centers of Excellence for Labor Market Research (COE), COE host district, nor California Community Colleges Chancellor's Office are responsible for the applications or decisions made by individuals and/or organizations based on this study or its recommendations.