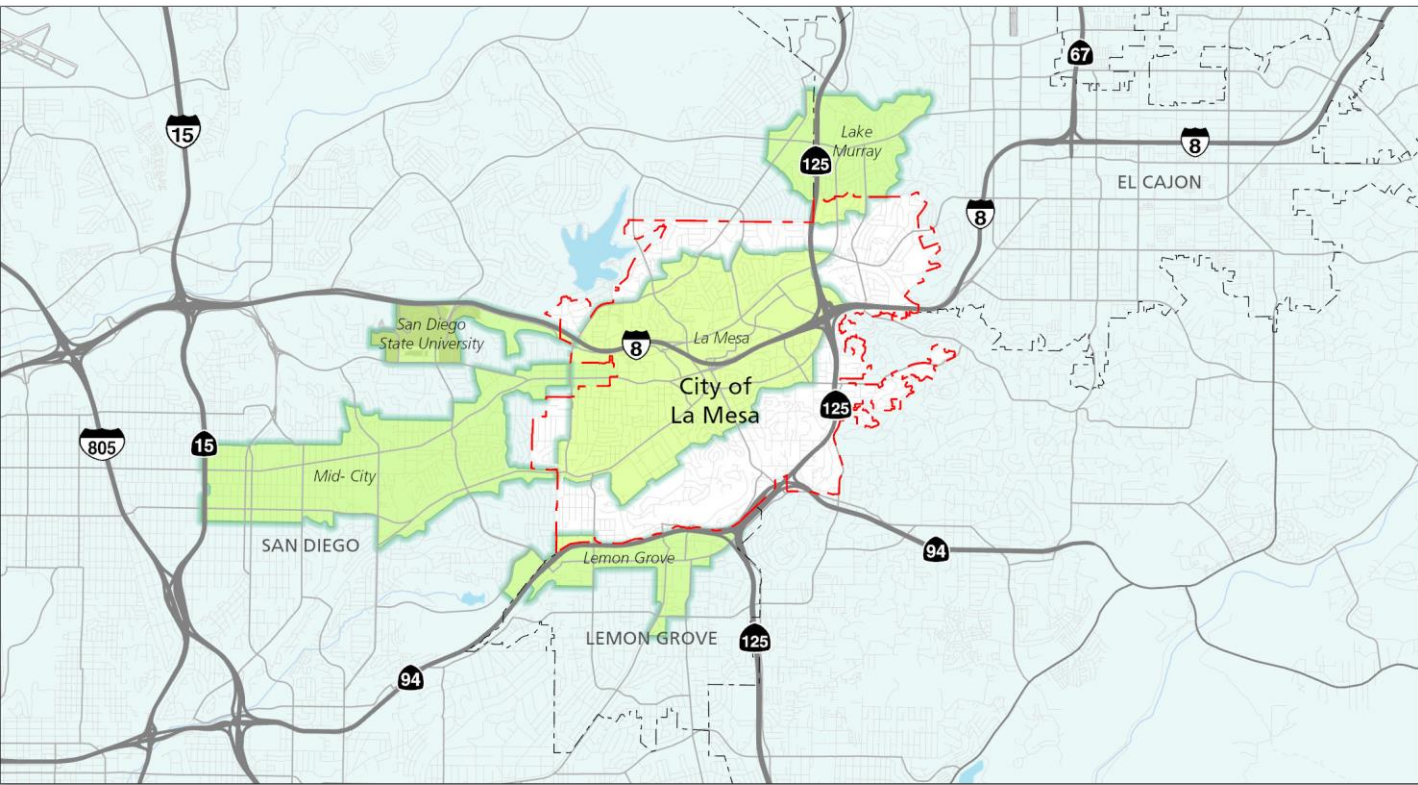


# Employment in the San Diego region

## *City of La Mesa*



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August 2019

### Fast facts

#### City of La Mesa

29,807	employees
2.0%	region's employees
9.0	land area (square miles)
3,297.2	employees per square mile

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## Background

The San Diego region is a growing and dynamic place to live and work. As the community, policy makers, and other stakeholders collaborate regarding how we create transportation options for our residents that are competitive and environmentally responsible, it is essential we utilize the data we have regarding where people live and work to invest in strategies that will best serve our communities.

In spring 2019, the Data, Analytics, and Modeling Department of SANDAG applied data analytics to multiple data sources to better understand where employment centers are in the region, where the employees in these areas commute from, and what their commutes look like. The result of this analysis were packets describing over 70 employment centers across the San Diego region.

As a next step in this series, this packet describes employment in the **City of La Mesa**, including maps showing where individuals who work in the City of La Mesa live and how far they have to travel to get to their places of employment, where residents of La Mesa travel to work, as well as a map that shows all of the travel to and from the City of La Mesa regardless if for work, recreation, or any other reason. SANDAG 2018 demographic and socioeconomic estimates for the population of La Mesa are included (Appendix B), as are the 5 packets for employment centers located all or partially in City of La Mesa (as noted by the red outlines on the cover and Appendix C). Because employment centers can cross jurisdictional boundaries and not all the employees in a jurisdiction are included in an employment center, it is important to note the number of employees in these 5 employment centers will not total the number of employees in a jurisdiction.

Because the data shared here are analyzed specifically for the purposes of these analyses, it is important to note that these results may differ from other sources. Additional information regarding the data sources and important factors to consider when interpreting this information are provided at the end of this packet (Appendix A).

Highlight 1

Industries in this jurisdiction and the region overall

	City of La Mesa		Region	
	Number of jobs	Percentage/rank	Number of jobs	Percentage/rank
<b>Health care and social assistance</b>	<b>10,163</b>	<b>34% (1)</b>	199,700	13% (1)
<b>Retail trade</b>	<b>4,352</b>	<b>15% (2)</b>	156,612	10% (2)
Professional, scientific, technical	1,284	4% (8)	148,766	10% (3)
<b>Food services</b>	<b>3,044</b>	<b>10% (3)</b>	131,594	9% (4)
Manufacturing	236	1% (13)	109,234	7% (5)
Administrative, support, waste services	1,469	5% (6)	91,519	6% (6)
<b>Construction</b>	<b>2,174</b>	<b>7% (4)</b>	83,498	5% (7)
Local government education	1,340	5% (7)	80,300	5% (8)
<b>Other services</b>	<b>2,121</b>	<b>7% (5)</b>	69,124	5% (9)
Finance and insurance	890	3% (10)	47,848	3% (10)
Wholesale trade	120	<1% (18)	46,625	3% (11)
Arts, entertainment, recreation	211	1% (15)	45,639	3% (12)
Real estate, rental, leasing	1,103	4% (9)	38,582	3% (13)
Local government	312	1% (12)	37,429	2% (14)
Transportation and warehousing	136	1% (17)	36,183	2% (15)
Accommodation	226	1% (14)	33,094	2% (16)
Educational services	337	1% (11)	32,892	2% (17)
State government education	0	0% (22)	31,600	2% (18)
Information	77	<1% (19)	26,262	2% (19)
Department of Defense	0	0% (23)	22,500	1% (20)
Management of companies/enterprises	25	<1% (20)	21,500	1% (21)
Federal government	20	<1% (21)	11,454	1% (22)
Farm	0	0% (24)	9,000	1% (23)
Utilities	167	1% (16)	7,208	<1% (24)
State government	0	0% (25)	7,037	<1% (25)
Mining and logging	0	0% (26)	300	<1% (26)
<b>Total</b>	<b>29,807</b>		<b>1,525,500</b>	

Source: SANDAG Employment Estimates, 2016

Highlight 2






Other statistics about the education level and income of employees in this jurisdiction

<p><b>21%</b></p> <p>have Bachelor's degree or higher (24% region)</p>	<p><b>\$45,412</b></p> <p>mean employee salary (\$55,801 region)</p>	<p>these jobs represent</p> <p><b>2.0%</b></p> <p>of the region's jobs</p>	<p>these incomes represent</p> <p><b>1.3%</b></p> <p>of regional labor income</p>
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Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Highlight 3

What mode of transportation employees in this jurisdiction use to get to work during peak period

	Drive alone 	Transit 	Carpool 	Bike 	Walk 
City of La Mesa	79%	5%	14%	1%	1%
Region	80%	4%	13%	2%	1%

Source: SANDAG Activity Based Model, 2016

Highlight 4

How far employees drive on average to get to this jurisdiction during peak period and how long it takes them on average, by transportation mode

	City of La Mesa		Region	
	Mean number of miles	Mean length of time (Minutes)	Mean number of miles	Mean length of time (Minutes)
Vehicles	10.0	19.9	12.0	25.1
Transit	9.0	56.9	10.7	62.8
Bike	4.6	23.0	4.3	21.6
Walk	1.5	30.3	1.2	23.2

Note: Peak period includes 6:00 a.m. to 8:59 a.m. and 3:30 p.m. to 6:59 p.m.

Source: SANDAG Activity Based Model, 2016

Highlight 5

Where employees travel from to work in the City of La Mesa

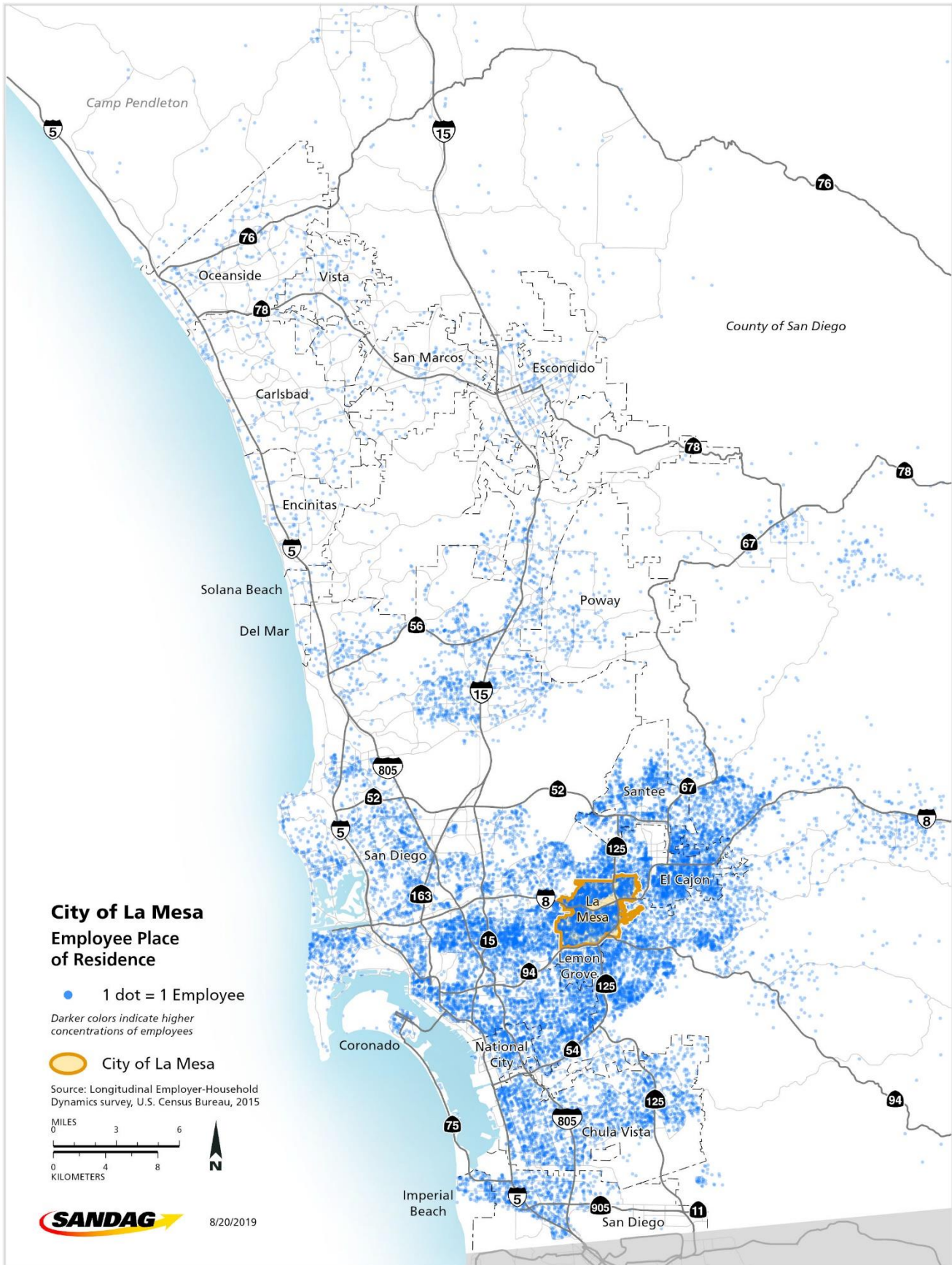
Jurisdiction	Number of workers who travel from jurisdiction to the City of La Mesa	Percent
San Diego	7,980	39%
Unincorporated	4,279	21%
La Mesa	2,050	10%
Chula Vista	1,795	9%
El Cajon	1,637	8%
Santee	900	4%
Lemon Grove	463	2%
National City	415	2%
Escondido	178	1%
Poway	166	1%
Oceanside	161	1%
Carlsbad	136	1%
Imperial Beach	132	1%
San Marcos	93	1%
Vista	90	<1%
Coronado	82	<1%
Encinitas	64	<1%
Solana Beach	23	<1%
Del Mar	8	<1%
<b>Total</b>	<b>20,652</b>	

Note: The total number of employees shown here is lower than presented elsewhere because employees who travel from outside the region or have an unknown origin location are excluded and only primary jobs are included.

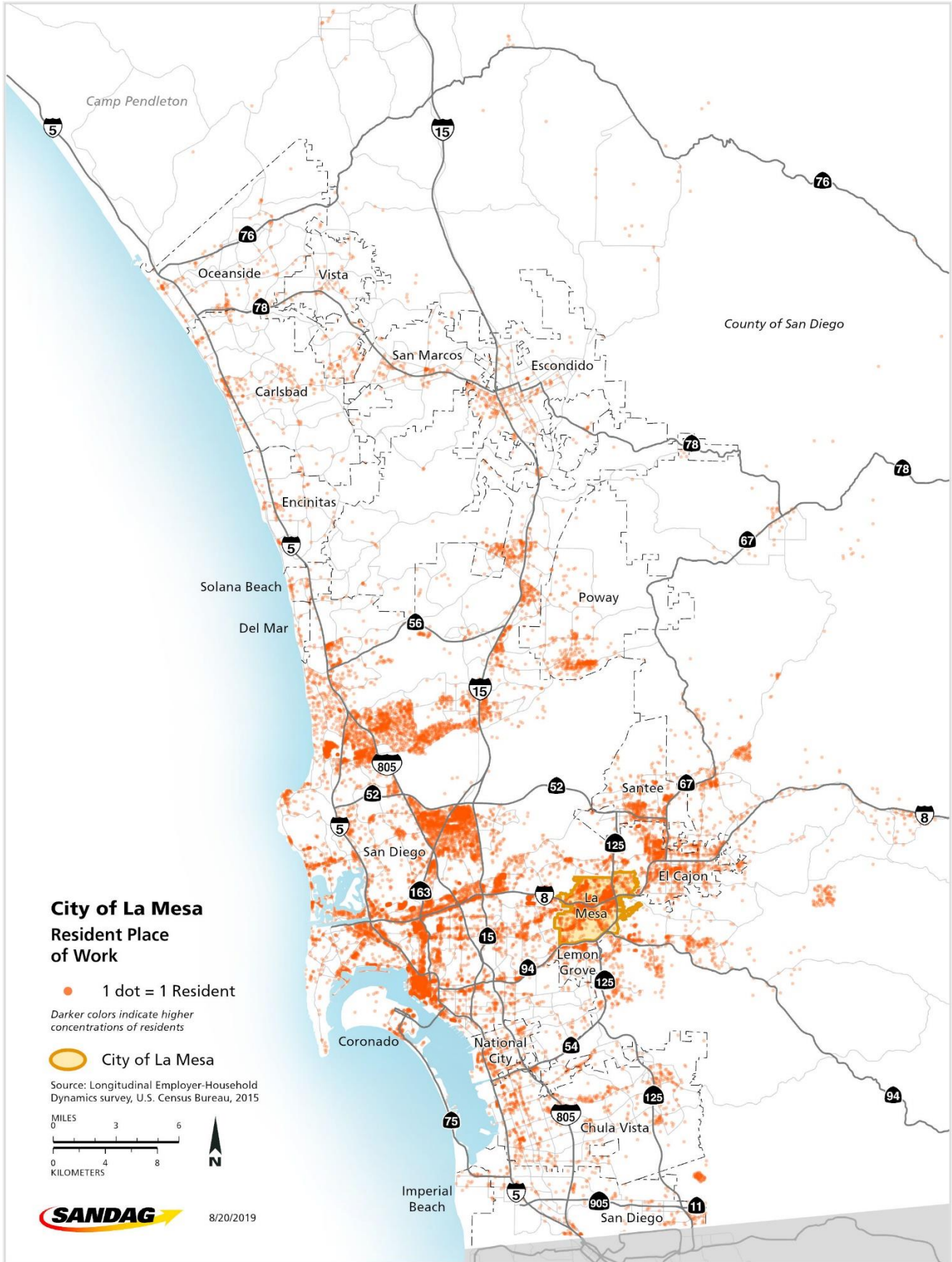
Source: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Map 1

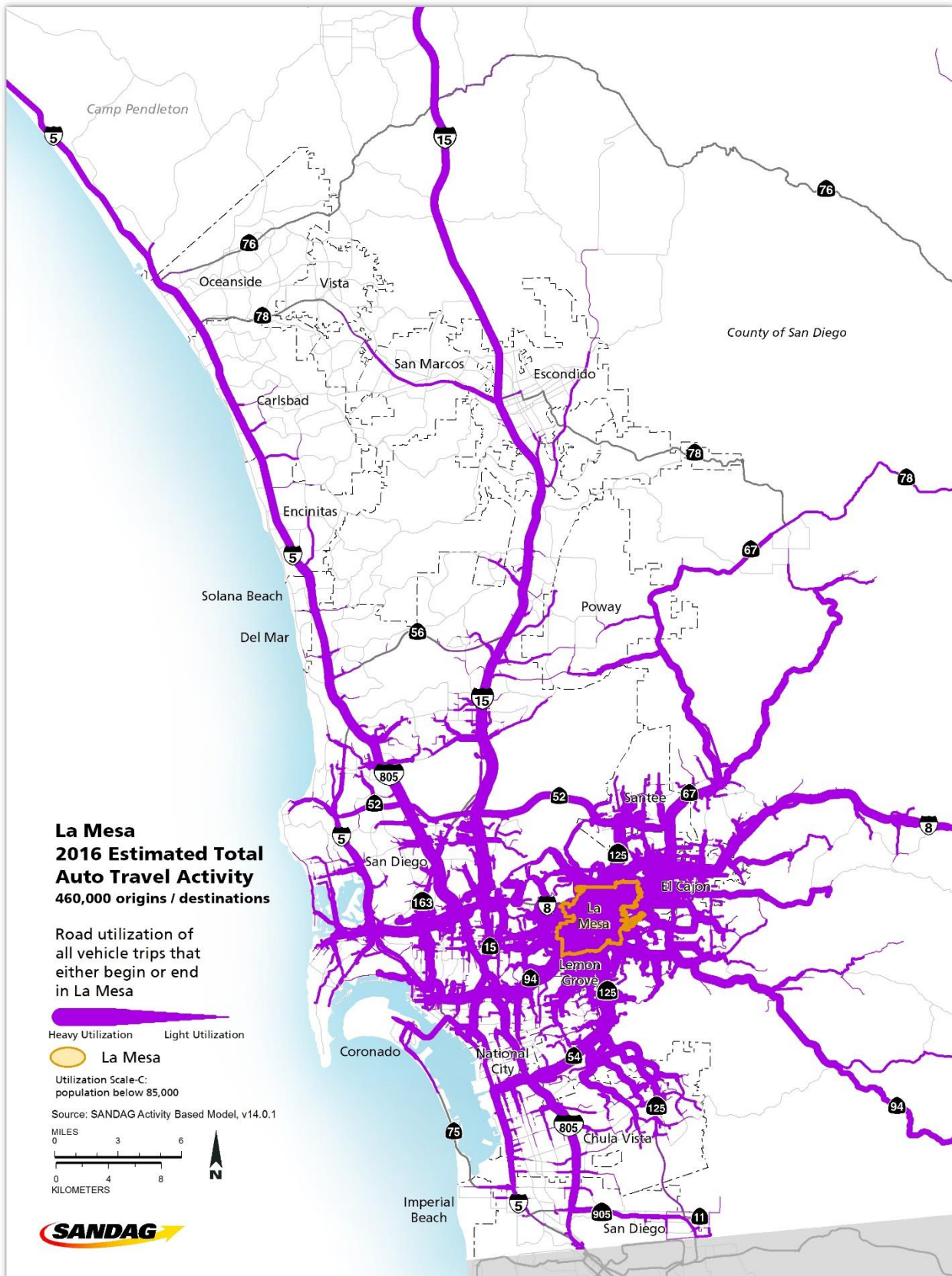
Where do employees in the City of La Mesa live?



Where do residents of La Mesa work?



All automobile trips that originate or end in the City of La Mesa for work, recreation, or any other reason



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# Appendix A: Jurisdiction employment methodology, data sources, and other things to consider

## Methodology

As a supplement to the employment center products and presentations, SANDAG has prepared this packet to showcase jurisdiction employment data. This packet was created using the same source data and methodology as the employment center products. Employment centers represent areas of employment concentration, whereas this packet refers to the jurisdictional employment in whole.

Additional technical information regarding this methodology is available by contacting the Data, Analytics, and Modeling Department at SANDAG.

## Data sources and other things to consider

### *Longitudinal Employer-Household Dynamics (LEHD) Origin-Destination Employment Statistics (LODES) 7.3 (2015)*

The Longitudinal Employer-Household Dynamics (LEHD) Origin-Destination Employment Statistics (LODES) data are a publicly available product of the U.S. Census Bureau. The LODES data are an extract of the LEHD infrastructure which is composed of administrative records, census, and survey data. The LODES data provide counts of unemployment insurance-covered wage and salary jobs, including private sector and state, local and some federal government jobs. Workplace location and residential location of an employee is measured at the census block-level (2010). The 2015 data that are used here reflect the latest available data (version 7.3) at the time of this analysis and included two primary tables: Original-Destinations (OD) (used in Highlight 5 and Maps 1 and 2), and Workplace Area Characteristics (WAC) (Highlight 2). It should be noted these data (1) contain wage and salary jobs (and exclude self-employed individuals); (2) do not include military and other security-related federal agencies, postal workers, some employees at nonprofits and religious institutions, and informal workers; (3) only includes an individual's primary job if an individual has more than one; and (4) education attainment includes only workers age 30 or older. Additional information is available at <https://lehd.ces.census.gov/data/>.

### *SANDAG Employment Estimates (2016)*

On a regular basis, SANDAG produces estimates of employment and individual earnings for the San Diego region. These estimates were used in Fast facts and Highlights 1, 2, and 5. These estimates utilize California Employment Development Department (EDD) data, the Quarterly Census of Employment and Wages (QCEW) data, and the LEHD LODES data from the U.S. Census Bureau among other sources. The employment estimates include wage and salary for private sector and government workers, as well as the self-employed. Uniformed military are not included; however, U.S. Department of Defense (DOD) civilian workers have been assigned to military bases. Tribal government jobs are included where data were available. Additional information regarding these estimates is available by contacting the Economic and Demographic Analysis Modeling team at SANDAG.

### *SANDAG Population and Housing Estimates (2016)*

Each year SANDAG produces estimates of population and housing for the San Diego region. These estimates utilize several data sources including the California Department of Finance, the U.S. Census Bureau, and a variety of other publicly available datasets. These small-area estimates contain information on the characteristics of the population (ethnicity, age, sex) and housing units (occupied, vacant, unoccupiable) in the region. The population living in military barracks, college dorms and other institutional facilities are included in the population and are counted in housing referred to as Group Quarters. The active military population and their dependents who live in households are included in the household population counts. The population and housing estimates are created in a process similar to the Regional Growth Forecast and contain similar information, however the Population and Housing Estimates reflect current conditions. These data are in Appendix B. Additional information regarding these estimates is available by contacting the Economic and Demographic Analysis Modeling team at SANDAG.

### *SANDAG Activity Based Transportation Model (2016)*

To plan and complete regional transportation projects, SANDAG creates and maintains a transportation model which uses a variety of regional transportation survey and socioeconomic and demographic data (e.g., count of trips from home to work, how people carpool, what bus routes are most frequented, and which highways are used and when). These data are then utilized in the Activity Based Model (ABM) to simulate individual and household transportation choices. These choices include how individuals travel around the region (the mode), why people travel around the region (the trip purpose), and when they travel (time of day). The ABM model is refined based on transportation data and expert feedback on methodology and data sources. For this analysis, SANDAG utilized release version 14.0.1 of ABM to estimate travel for the year 2016 (reference scenario #232). Data in both Highlight 3 and 4 are restricted only to transportation trips in the model in which (1) the trip begins at home and ends at work and does not have any intermediary stops (e.g., dropping a child at school); and (2) the trip's purpose is work and (3) the trip start time is during peak periods which are defined as 6:00 a.m. to 8:59 a.m. and 3:30 p.m. to 6:59 p.m. Transit travel time includes walk time to transit stop, initial wait time, in vehicle time, transfer wait time, and walk time to the destination. Map 3 includes all auto trips (work and non-work related) to and from the City of La Mesa. The margin of error might be larger for small jurisdictions with few work trips and all trips.

Additional information about the ABM is available here:

[sandag.org/index.asp?subclassid=120&fuseaction=home.subclasshome](http://sandag.org/index.asp?subclassid=120&fuseaction=home.subclasshome)

# Appendix B: Jurisdiction resident profile

## Demographic and Socioeconomic Estimates Jurisdiction La Mesa



Jan 1, 2018

<b>Total Population</b>	<b>61,261</b>
Household Population	60,604
Group Quarters Population	657
<b>Persons Per Household</b>	<b>2.37</b>

### Housing and Occupancy

	Total Housing Units	Households	Vacancy Rate
<b>Total Housing Units</b>	<b>25,711</b>	<b>25,569</b>	<b>0.6%</b>
Single Family - Detached	12,210	12,142	0.6%
Single Family - Attached	1,732	1,727	0.3%
Multi-Family	11,466	11,399	0.6%
Mobile Home and Other	303	301	0.7%

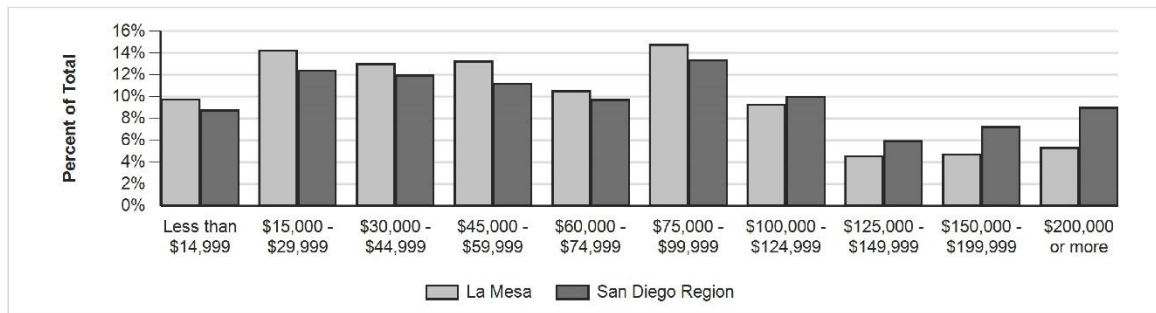
### Household Income

Households by Income Category (2010 \$, adjusted for inflation)

	Less than \$15,000	\$15,000-\$29,999	\$30,000-\$44,999	\$45,000-\$59,999	\$60,000-\$74,999	\$75,000-\$99,999	\$100,000-\$124,999	\$125,000-\$149,999	\$150,000-\$199,999	\$200,000 or more
% of Total	10%	14%	13%	13%	11%	15%	9%	5%	5%	5%

### Median Household Income

	2018
Adjusted for Inflation (2010 \$)	\$59,451
Not adjusted for inflation (current 2017\$)	\$67,039



### IMPORTANT ADVISORY:

Caution should be taken when using data for small population groups, particularly at small levels of geography. Minor adjustments were made (such as correcting the location of housing units that were erroneously allocated by the Census Bureau to roads and open space) to more accurately reflect the region's true population and housing distribution.

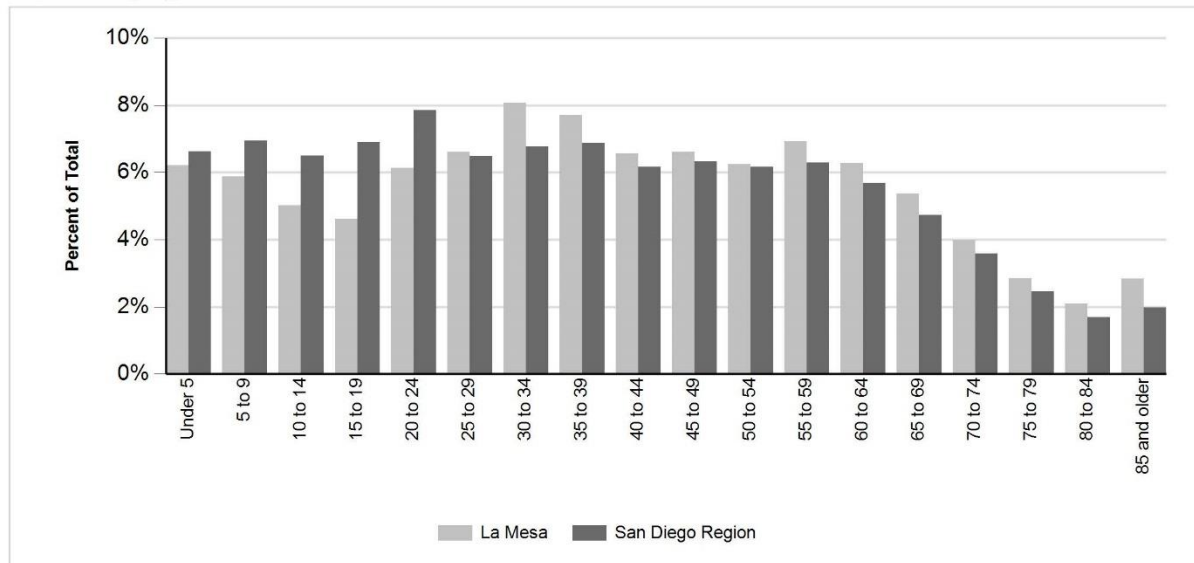
In addition, Census 2010 does not include information about structure type or household income. Those details and other demographic estimates shown here are developed from other sources, including the California Department of Finance E-5 estimates for cities and the County of San Diego; San Diego County Assessor Records, vital events records from the California Department of Health, and income data from the U.S. Census Bureau American Community Survey.

Caution should always be taken when using data for small population groups, particularly at small levels of geography.

## Population by Age and Sex

	Total	Male	Female	Percent Female
<b>Total Population</b>	<b>61,261</b>	<b>29,995</b>	<b>31,266</b>	<b>51%</b>
Under 5	3,808	1,971	1,837	48%
5 to 9	3,601	1,820	1,781	49%
10 to 14	3,072	1,557	1,515	49%
15 to 17	1,754	926	828	47%
18 and 19	1,078	552	526	49%
20 to 24	3,752	1,963	1,789	48%
25 to 29	4,048	2,033	2,015	50%
30 to 34	4,945	2,509	2,436	49%
35 to 39	4,723	2,421	2,302	49%
40 to 44	4,016	2,003	2,013	50%
45 to 49	4,046	2,051	1,995	49%
50 to 54	3,827	1,859	1,968	51%
55 to 59	4,242	2,048	2,194	52%
60 and 61	1,587	753	834	53%
62 to 64	2,259	1,070	1,189	53%
65 to 69	3,288	1,542	1,746	53%
70 to 74	2,443	1,100	1,343	55%
75 to 79	1,750	733	1,017	58%
80 to 84	1,280	511	769	60%
85 and older	1,742	573	1,169	67%
Under 18	12,235	6,274	5,961	49%
65 and older	10,503	4,459	6,044	58%
Median Age	39.8	38.4	41.5	N/A

## Population by Age



Source: SANDAG, Current Estimates  
 SANDAG  
[www.sandag.org](http://www.sandag.org)

May 25, 2019  
 La Mesa  
 Page 2 of 3

## Population by Race, Ethnicity and Age

	Non-Hispanic					
	Hispanic	White	Black	American Indian	Asian & Pacific Isl.	All Other
<b>Total Population</b>	<b>17,779</b>	<b>33,437</b>	<b>3,428</b>	<b>271</b>	<b>3,781</b>	<b>2,565</b>
Under 5	1,626	1,595	196	16	184	191
5 to 9	1,689	1,323	197	12	134	246
10 to 14	1,370	1,179	165	13	131	214
15 to 17	729	720	89	8	69	139
18 and 19	425	454	69	2	40	88
20 to 24	1,514	1,460	258	19	227	274
25 to 29	1,350	1,950	253	22	234	239
30 to 34	1,395	2,651	309	21	336	233
35 to 39	1,415	2,467	279	19	355	188
40 to 44	1,233	2,047	200	24	356	156
45 to 49	1,135	2,222	234	10	321	124
50 to 54	948	2,243	222	18	266	130
55 to 59	849	2,721	288	18	253	113
60 and 61	291	1,057	104	7	96	32
62 to 64	350	1,533	136	21	169	50
65 to 69	458	2,384	157	20	211	58
70 to 74	322	1,854	103	8	112	44
75 to 79	260	1,277	73	4	112	24
80 to 84	205	912	59	4	87	13
85 and older	215	1,388	37	5	88	9
Under 18	5,414	4,817	647	49	518	790
65 and older	1,460	7,815	429	41	610	148
Median Age	30.7	47.0	38.2	40.7	42.5	27.7

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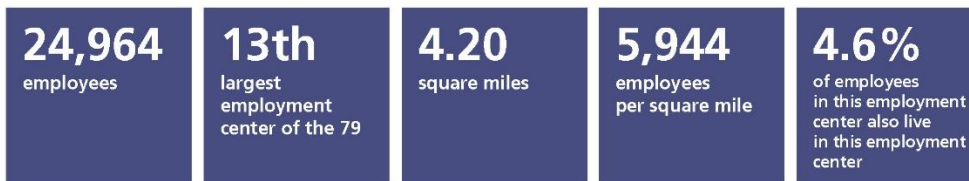
# Appendix C: Employment centers located within the City of La Mesa



## La Mesa employment center Tier 2 employment centers in the San Diego region<sup>1</sup>: An analysis of where people live and work

### Highlight 1

#### Characteristics of this employment center



Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

### Highlight 2

#### Industries in this employment center and the region overall

	La Mesa employment center		Region	
	Number of jobs	Percentage/ rank	Number of jobs	Percentage/ rank
<b>Health care and social assistance</b>	<b>8,621</b>	<b>35% (1)</b>	199,700	13% (1)
<b>Retail trade</b>	<b>4,092</b>	<b>16% (2)</b>	156,612	10% (2)
Professional, scientific, technical	1,106	4% (7)	148,766	10% (3)
<b>Food services</b>	<b>2,096</b>	<b>8% (4)</b>	131,594	9% (4)
Manufacturing	138	1% (16)	109,234	7% (5)
<b>Administrative, support, waste services</b>	<b>1,332</b>	<b>5% (5)</b>	91,519	6% (6)
<b>Construction</b>	<b>2,174</b>	<b>9% (3)</b>	83,498	5% (7)
Local government education	937	4% (8)	80,300	5% (8)
Other services	1,259	5% (6)	69,124	5% (9)
Finance and insurance	827	3% (10)	47,848	3% (10)
Wholesale trade	117	1% (17)	46,625	3% (11)
Arts, entertainment, recreation	208	1% (13)	45,639	3% (12)
Real estate, rental, leasing	916	4% (9)	38,582	3% (13)
Local government	312	1% (11)	37,429	2% (14)
Transportation and warehousing	89	<1% (18)	36,183	2% (15)
Accommodation	186	1% (14)	33,094	2% (16)
Educational services	271	1% (12)	32,892	2% (17)
State government education	0	0% (22)	31,600	2% (18)
Information	71	<1% (19)	26,262	2% (19)
Department of Defense	0	0% (23)	22,500	1% (20)
Management of companies/enterprises	25	<1% (20)	21,500	1% (21)
Federal government	20	<1% (21)	11,454	1% (22)
Farm	0	0% (24)	9,000	1% (23)
Utilities	167	1% (15)	7,208	<1% (24)
State government	0	0% (25)	7,037	<1% (25)
Mining and logging	0	0% (26)	300	<1% (26)
<b>Total</b>	<b>24,964</b>		<b>1,525,500</b>	

Source: SANDAG Employment Estimates, 2016

<sup>1</sup> This data summary was prepared by SANDAG and is part of an evolving analysis of where people live and work in the San Diego region. Tier 2 employment centers are those between 20,000 and 40,000 employees. For data notes, sources, and qualifications, please visit: [sandag.org/employmentcenters](http://sandag.org/employmentcenters). Suggested reference: SANDAG (2019, May). *Tier 2 employment centers in the San Diego region: La Mesa employment center*. San Diego, CA: Author.

Highlight 3

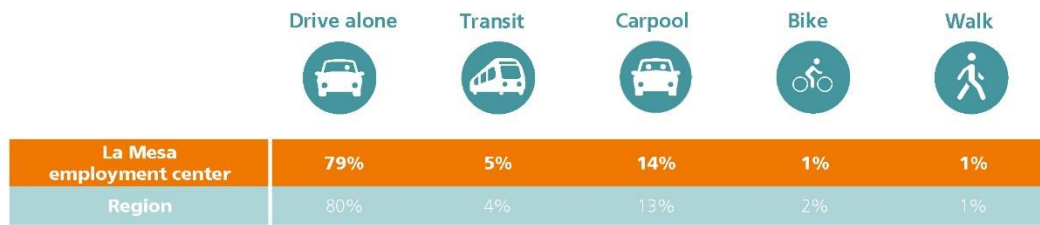
**Other statistics about the education level and income of employees in this employment center**



SOURCES: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Highlight 4

**What mode of transportation these employment center employees use to get to work during peak period?**



Source: SANDAG Activity Based Model, 2016

Highlight 5

**How far employees drive on average to get to this employment center during peak period and how long it takes them on average, by transportation mode**

	La Mesa employment center		Region	
	Mean number of miles	Mean length of time (Minutes)	Mean number of miles	Mean length of time (Minutes)
Vehicles	10.0	19.8	12.0	25.1
Transit	8.8	53.9	10.7	62.8
Bike	4.7	23.5	4.3	21.6
Walk	1.5	29.7	1.2	23.2

Note: Peak period includes 6:00 a.m. to 8:59 a.m. and 3:30 p.m. to 6:59 p.m.

Source: SANDAG Activity Based Model, 2016

Highlight 6

**What jurisdictions these employment center employees travel from**

Jurisdiction	Number of workers in the employment center	Percent
San Diego	7,046	39%
Unincorporated	3,804	21%
La Mesa	1,724	10%
Chula Vista	1,581	9%
El Cajon	1,405	8%
Santee	804	4%
Lemon Grove	397	2%
National City	380	2%
Escondido	162	1%
Poway	150	1%
Oceanside	138	1%
Carlsbad	125	1%
Imperial Beach	119	1%
San Marcos	86	1%
Vista	82	1%
Coronado	72	<1%
Encinitas	59	<1%
Solana Beach	20	<1%
Del Mar	5	<1%
<b>Total</b>	<b>18,159</b>	

Note: The total number of employees shown here is lower than presented elsewhere because employees who travel from outside the region or have an unknown origin location are excluded and only primary jobs are included.

Source: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015



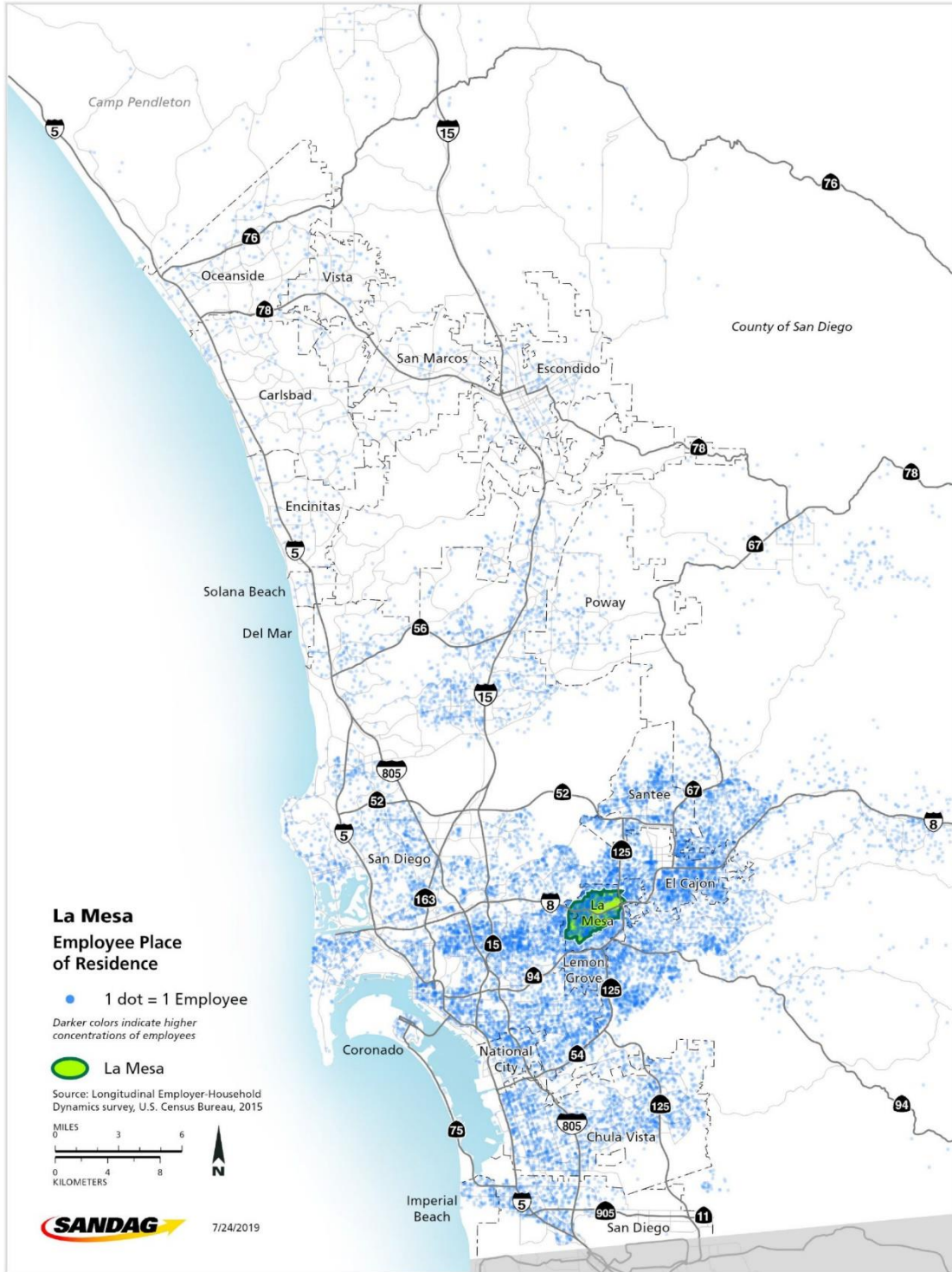
Map 1

**La Mesa employment center**



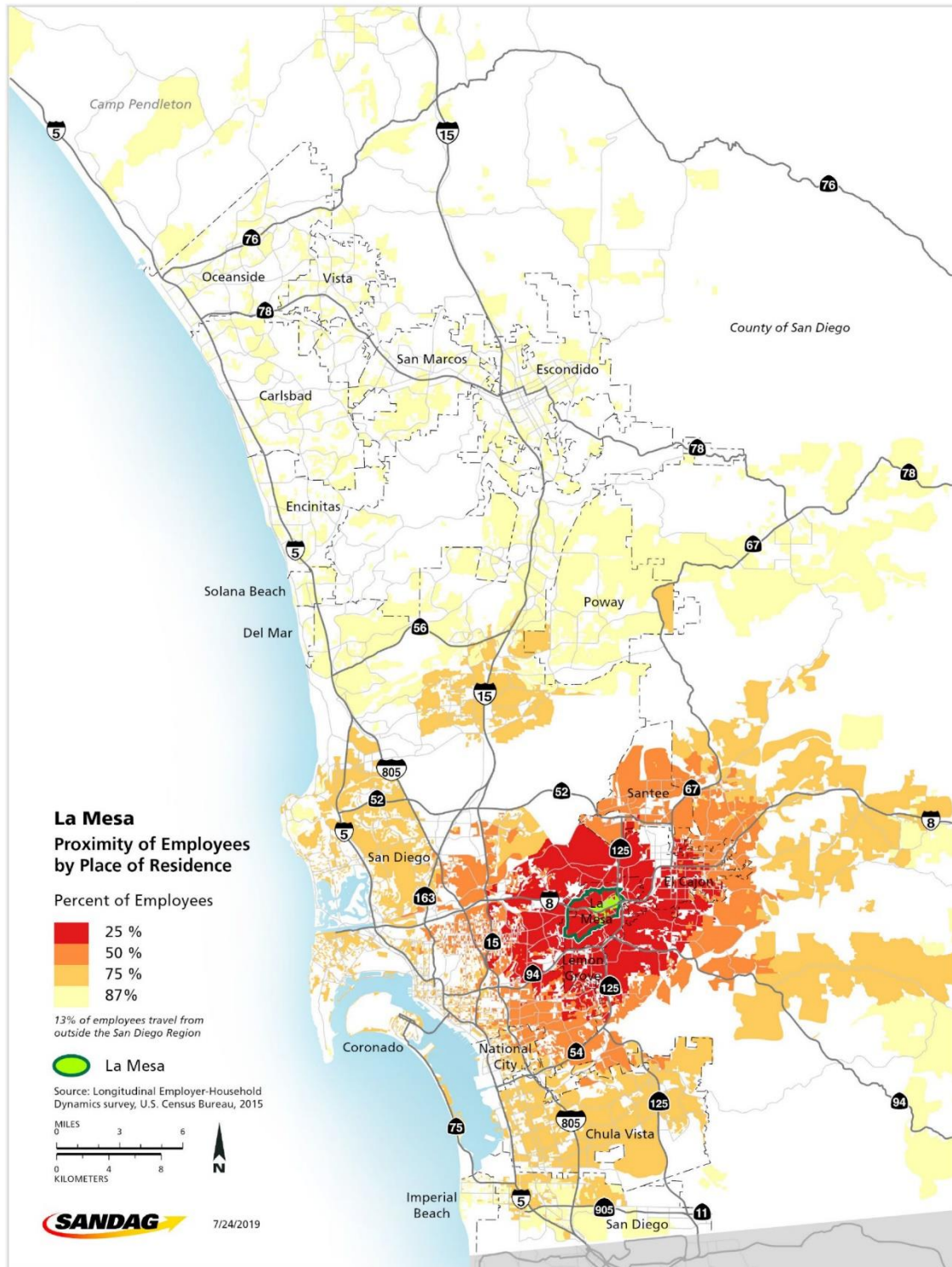
Map 2

Where do La Mesa employment center employees live?



Map 3

How far employees in the La Mesa employment center have to travel



# San Diego State University employment center Tier 4 employment centers in the San Diego region<sup>1</sup>: An analysis of where people live and work

Highlight 1

**Characteristics of this employment center**

<b>13,318</b> employees	<b>30th</b> largest employment center of the 79	<b>.6</b> square miles	<b>22,197</b> employees per square mile	<b>1.4 %</b> of employees in this employment center also live in this employment center
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Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Highlight 2

**Industries in this employment center and the region overall**

	San Diego State University employment center		Region	
	Number of jobs	Percentage/ rank	Number of jobs	Percentage/ rank
<b>Health care and social assistance</b>	<b>558</b>	<b>4% (5)</b>	199,700	13% (1)
Retail trade	57	<1% (8)	156,612	10% (2)
Professional, scientific, technical	185	1% (6)	148,766	10% (3)
<b>Food services</b>	<b>1,215</b>	<b>9% (4)</b>	131,594	9% (4)
Manufacturing	0	0% (12)	109,234	7% (5)
Administrative, support, waste services	37	<1% (9)	91,519	6% (6)
Construction	0	0% (13)	83,498	5% (7)
Local government education	0	0% (14)	80,300	5% (8)
<b>Other services</b>	<b>1,423</b>	<b>11% (3)</b>	69,124	5% (9)
Finance and insurance	17	<1% (11)	47,848	3% (10)
Wholesale trade	0	0% (15)	46,625	3% (11)
Arts, entertainment, recreation	17	<1% (10)	45,639	3% (12)
Real estate, rental, leasing	111	1% (7)	38,582	3% (13)
Local government	0	0% (16)	37,429	2% (14)
Transportation and warehousing	0	0% (17)	36,183	2% (15)
Accommodation	0	0% (18)	33,094	2% (16)
<b>Educational services</b>	<b>3,011</b>	<b>23% (2)</b>	32,892	2% (17)
<b>State government education</b>	<b>6,687</b>	<b>50% (1)</b>	31,600	2% (18)
Information	0	0% (19)	26,262	2% (19)
Department of Defense	0	0% (20)	22,500	1% (20)
Management of companies/enterprises	0	0% (21)	21,500	1% (21)
Federal government	0	0% (22)	11,454	1% (22)
Farm	0	0% (23)	9,000	1% (23)
Utilities	0	0% (24)	7,208	<1% (24)
State government	0	0% (25)	7,037	<1% (25)
Mining and logging	0	0% (26)	300	<1% (26)
<b>Total</b>	<b>13,318</b>		<b>1,525,500</b>	

Source: SANDAG Employment Estimates, 2016

<sup>1</sup> This data summary was prepared by SANDAG and is part of an evolving analysis of where people live and work in the San Diego region. Tier 4 employment centers are those between 2,000 and 14,999 employees. For data notes, sources, and qualifications, please visit: [sandag.org/employmentcenters](http://sandag.org/employmentcenters). Suggested reference: SANDAG (2019, May). *Tier 4 employment centers in the San Diego region: San Diego State University employment center*. San Diego, CA: Author.

Highlight 3

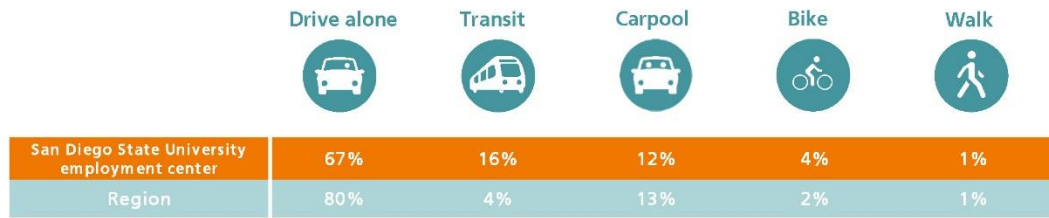
**Other statistics about the education level and income of employees in this employment center**



Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Highlight 4

**What mode of transportation these employment center employees use to get to work during peak period?**



Source: SANDAG Activity Based Model, 2016

Highlight 5

**How far employees drive on average to get to this employment center during peak period and how long it takes them on average, by transportation mode**

	San Diego State University employment center		Region	
	Mean number of miles	Mean length of time (Minutes)	Mean number of miles	Mean length of time (Minutes)
Vehicles	10.7	22.2	12.0	25.1
Transit	9.4	47.9	10.7	62.8
Bike	5.0	24.9	4.3	21.6
Walk	1.4	27.9	1.2	23.2

Note: Peak period includes 6:00 a.m. to 8:59 a.m. and 3:30 p.m. to 6:59 p.m.

Source: SANDAG Activity Based Model, 2016

Highlight 6

**What jurisdictions these employment center employees travel from**

Jurisdiction	Number of workers in the employment center	Percent
San Diego	4,694	59%
Unincorporated	968	12%
Chula Vista	562	7%
La Mesa	495	6%
El Cajon	348	4%
Santee	198	3%
National City	103	1%
Carlsbad	97	1%
Lemon Grove	95	1%
Poway	86	1%
Escondido	72	1%
Encinitas	62	1%
Coronado	48	1%
Oceanside	45	1%
Imperial Beach	32	<1%
San Marcos	29	<1%
Vista	29	<1%
Del Mar	24	<1%
Solana Beach	4	<1%
<b>Total</b>	<b>7,991</b>	

Note: The total number of employees shown here is lower than presented elsewhere because employees who travel from outside the region or have an unknown origin location are excluded and only primary jobs are included.

Source: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Map 1

**San Diego State University employment center**



## Mid-City employment center

### Tier 4 employment centers in the San Diego region<sup>1</sup>: An analysis of where people live and work

#### Highlight 1

##### Characteristics of this employment center

<b>12,014</b> employees	<b>32nd</b> largest employment center of the 79	<b>2.97</b> square miles	<b>4,045</b> employees per square mile	<b>8.7%</b> of employees in this employment center also live in this employment center
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Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

#### Highlight 2

##### Industries in this employment center and the region overall

	Mid-City employment center		Region	
	Number of jobs	Percentage/ rank	Number of jobs	Percentage/ rank
<b>Health care and social assistance</b>	<b>3,792</b>	<b>32% (1)</b>	199,700	13% (1)
<b>Retail trade</b>	<b>1,896</b>	<b>16% (2)</b>	156,612	10% (2)
Professional, scientific, technical	214	2% (9)	148,766	10% (3)
<b>Food services</b>	<b>1,771</b>	<b>15% (3)</b>	131,594	9% (4)
Manufacturing	147	1% (12)	109,234	7% (5)
Administrative, support, waste services	273	2% (7)	91,519	6% (6)
Construction	141	1% (13)	83,498	5% (7)
<b>Local government education</b>	<b>1,483</b>	<b>12% (4)</b>	80,300	5% (8)
<b>Other services</b>	<b>911</b>	<b>8% (5)</b>	69,124	5% (9)
Finance and insurance	483	4% (6)	47,848	3% (10)
Wholesale trade	101	1% (15)	46,625	3% (11)
Arts, entertainment, recreation	155	1% (11)	45,639	3% (12)
Real estate, rental, leasing	184	2% (10)	38,582	3% (13)
Local government	0	0% (18)	37,429	2% (14)
Transportation and warehousing	129	1% (14)	36,183	2% (15)
Accommodation	47	<1% (16)	33,094	2% (16)
Educational services	264	2% (8)	32,892	2% (17)
State government education	0	0% (19)	31,600	2% (18)
Information	23	<1% (17)	26,262	2% (19)
Department of Defense	0	0% (20)	22,500	1% (20)
Management of companies/enterprises	0	0% (21)	21,500	1% (21)
Federal government	0	0% (22)	11,454	1% (22)
Farm	0	0% (23)	9,000	1% (23)
Utilities	0	0% (24)	7,208	<1% (24)
State government	0	0% (25)	7,037	<1% (25)
Mining and logging	0	0% (26)	300	<1% (26)
<b>Total</b>	<b>12,014</b>		<b>1,525,500</b>	

Source: SANDAG Employment Estimates, 2016

<sup>1</sup> This data summary was prepared by SANDAG and is part of an evolving analysis of where people live and work in the San Diego region. Tier 4 employment centers are those between 2,000 and 14,999 employees. For data notes, sources, and qualifications, please visit: [sandag.org/employmentcenters](http://sandag.org/employmentcenters). Suggested reference: SANDAG (2019, May). *Tier 4 employment centers in the San Diego region: Mid-City employment center*. San Diego, CA: Author.

Highlight 3

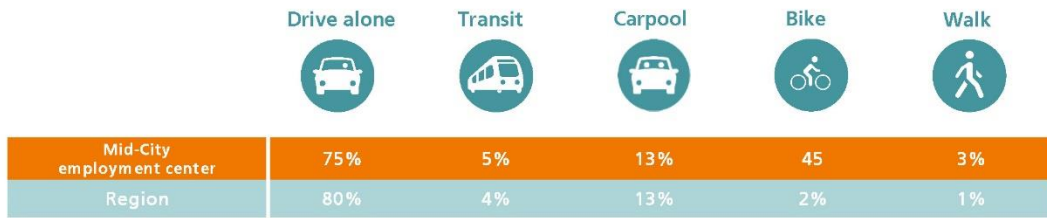
**Other statistics about the education level and income of employees in this employment center**



Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Highlight 4

**What mode of transportation these employment center employees use to get to work during peak period?**



Source: SANDAG Activity Based Model, 2016

Highlight 5

**How far employees drive on average to get to this employment center during peak period and how long it takes them on average, by transportation mode**

	Mid-City employment center		Region	
	Mean number of miles	Mean length of time (Minutes)	Mean number of miles	Mean length of time (Minutes)
Vehicles	9.9	21.6	12.0	25.1
Transit	7.5	53.2	10.7	62.8
Bike	4.2	20.9	4.3	21.6
Walk	1.0	20.7	1.2	23.2

Note: Peak period includes 6:00 a.m. to 8:59 a.m. and 3:30 p.m. to 6:59 p.m.

Source: SANDAG Activity Based Model, 2016

Highlight 6

**What jurisdictions these employment center employees travel from**

Jurisdiction	Number of workers in the employment center	Percent
San Diego	4,438	62%
Unincorporated	802	11%
Chula Vista	600	8%
El Cajon	285	4%
La Mesa	282	4%
National City	178	3%
Santee	134	2%
Lemon Grove	126	2%
Poway	66	1%
Escondido	58	1%
Imperial Beach	40	1%
Oceanside	38	1%
Carlsbad	32	<1%
San Marcos	29	<1%
Vista	27	<1%
Coronado	24	<1%
Encinitas	14	<1%
Solana Beach	6	<1%
Del Mar	1	<1%
<b>Total</b>	<b>7,180</b>	

Note: The total number of employees shown here is lower than presented elsewhere because employees who travel from outside the region or have an unknown origin location are excluded and only primary jobs are included.

Source: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015



Map 1  
Mid-City employment center



# Lemon Grove employment center

## Tier 4 employment centers in the San Diego region<sup>1</sup>: An analysis of where people live and work

### Highlight 1

#### Characteristics of this employment center

<b>7,395</b> employees	<b>48th</b> largest employment center of the 79	<b>.91</b> square miles	<b>8,126</b> employees per square mile	<b>1.7%</b> of employees in this employment center also live in this employment center
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Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

### Highlight 2

#### Industries in this employment center and the region overall

	Lemon Grove employment center		Region	
	Number of jobs	Percentage/ rank	Number of jobs	Percentage/ rank
<b>Health care and social assistance</b>	<b>1,057</b>	<b>14% (3)</b>	199,700	13% (1)
<b>Retail trade</b>	<b>2,766</b>	<b>37% (1)</b>	156,612	10% (2)
Professional, scientific, technical	91	1% (10)	148,766	10% (3)
<b>Food services</b>	<b>1,120</b>	<b>15% (2)</b>	131,594	9% (4)
Manufacturing	38	1% (16)	109,234	7% (5)
<b>Administrative, support, waste services</b>	<b>564</b>	<b>8% (5)</b>	91,519	6% (6)
<b>Construction</b>	<b>700</b>	<b>10% (4)</b>	83,498	5% (7)
Local government education	0	0% (18)	80,300	5% (8)
Other services	377	5% (6)	69,124	5% (9)
Finance and insurance	180	2% (7)	47,848	3% (10)
Wholesale trade	47	1% (15)	46,625	3% (11)
Arts, entertainment, recreation	95	1% (8)	45,639	3% (12)
Real estate, rental, leasing	26	<1% (17)	38,582	3% (13)
Local government	72	1% (11)	37,429	2% (14)
Transportation and warehousing	70	1% (12)	36,183	2% (15)
Accommodation	0	0% (19)	33,094	2% (16)
Educational services	49	1% (13)	32,892	2% (17)
State government education	0	0% (20)	31,600	2% (18)
Information	0	0% (21)	26,262	2% (19)
Department of Defense	0	0% (22)	22,500	1% (20)
Management of companies/enterprises	94	1% (9)	21,500	1% (21)
Federal government	0	0% (23)	11,454	1% (22)
Farm	0	0% (24)	9,000	1% (23)
Utilities	0	0% (25)	7,208	<1% (24)
State government	490	1% (14)	7,037	<1% (25)
Mining and logging	0	0% (26)	300	<1% (26)
<b>Total</b>	<b>7,395</b>		<b>1,525,500</b>	

Source: SANDAG Employment Estimates, 2016

<sup>1</sup> This data summary was prepared by SANDAG and is part of an evolving analysis of where people live and work in the San Diego region. Tier 4 employment centers are those between 2,000 and 14,999 employees. For data notes, sources, and qualifications, please visit: [sandag.org/employmentcenters](http://sandag.org/employmentcenters). Suggested reference: SANDAG (2019, May). *Tier 4 employment centers in the San Diego region: Lemon Grove employment center*. San Diego, CA: Author.

Highlight 3

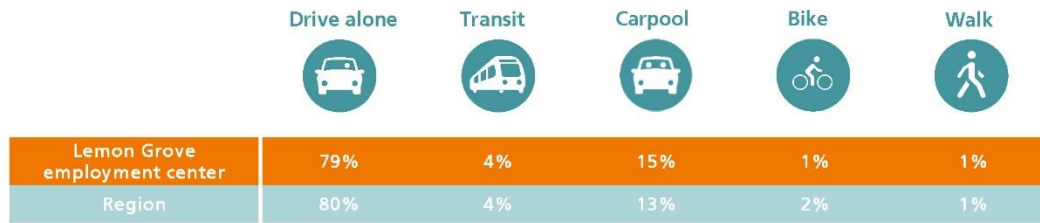
**Other statistics about the education level and income of employees in this employment center**



Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Highlight 4

**What mode of transportation these employment center employees use to get to work during peak period?**



Source: SANDAG Activity Based Model, 2016

Highlight 5

**How far employees drive on average to get to this employment center during peak period and how long it takes them on average, by transportation mode**

	Lemon Grove employment center		Region	
	Mean number of miles	Mean length of time (Minutes)	Mean number of miles	Mean length of time (Minutes)
Vehicles	9.7	18.4	12.0	25.1
Transit	7.5	55.6	10.7	62.8
Bike	4.4	21.9	4.3	21.6
Walk	1.0	20.9	1.2	23.2

Note: Peak period includes 6:00 a.m. to 8:59 a.m. and 3:30 p.m. to 6:59 p.m.

Source: SANDAG Activity Based Model, 2016

Highlight 6

**What jurisdictions these employment center employees travel from**

Jurisdiction	Number of workers in the employment center	Percent
San Diego	1,694	43%
Unincorporated	724	18%
Chula Vita	413	11%
Lemon Grove	267	7%
El Cajon	217	6%
La Mesa	177	5%
Santee	109	3%
National City	109	3%
Imperial Beach	71	2%
Escondido	35	1%
Oceanside	32	1%
San Marcos	24	1%
Poway	24	1%
Carlsbad	21	1%
Vista	13	<1%
Coronado	10	<1%
Encinitas	8	<1%
Del Mar	3	<1%
Solana Beach	0	0%
<b>Total</b>	<b>3,951</b>	

Note: The total number of employees shown here is lower than presented elsewhere because employees who travel from outside the region or have an unknown origin location are excluded and only primary jobs are included.

Source: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Map 1

**Lemon Grove employment center**



# Lake Murray employment center

## Tier 4 employment centers in the San Diego region<sup>1</sup>: An analysis of where people live and work

### Highlight 1

#### Characteristics of this employment center

<b>2,483</b> employees	<b>78th</b> largest employment center of the 79	<b>1.28</b> square miles	<b>1,940</b> employees per square mile	<b>2.7%</b> of employees in this employment center also live in this employment center
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Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

### Highlight 2

#### Industries in this employment center and the region overall

	Lake Murray employment center		Region	
	Number of jobs	Percentage/ rank	Number of jobs	Percentage/ rank
<b>Health care and social assistance</b>	<b>299</b>	<b>12% (3)</b>	199,700	13% (1)
<b>Retail trade</b>	<b>469</b>	<b>19% (2)</b>	156,612	10% (2)
<b>Professional, scientific, technical</b>	<b>150</b>	<b>6% (4)</b>	148,766	10% (3)
<b>Food services</b>	<b>760</b>	<b>31% (1)</b>	131,594	9% (4)
Manufacturing	124	5% (6)	109,234	7% (5)
Administrative, support, waste services	33	1% (12)	91,519	6% (6)
Construction	98	4% (9)	83,498	5% (7)
Local government education	59	2% (10)	80,300	5% (8)
Other services	110	4% (8)	69,124	5% (9)
<b>Finance and insurance</b>	<b>131</b>	<b>5% (5)</b>	47,848	3% (10)
Wholesale trade	5	<1% (16)	46,625	3% (11)
Arts, entertainment, recreation	58	2% (11)	45,639	3% (12)
Real estate, rental, leasing	119	5% (7)	38,582	3% (13)
Local government	0	0% (17)	37,429	2% (14)
Transportation and warehousing	32	1% (13)	36,183	2% (15)
Accommodation	0	0% (18)	33,094	2% (16)
Educational services	29	1% (14)	32,892	2% (17)
State government education	0	0% (19)	31,600	2% (18)
Information	7	<1% (15)	26,262	2% (19)
Department of Defense	0	0% (20)	22,500	1% (20)
Management of companies/enterprises	0	0% (21)	21,500	1% (21)
Federal government	0	0% (22)	11,454	1% (22)
Farm	0	0% (23)	9,000	1% (23)
Utilities	0	0% (24)	7,208	<1% (24)
State government	0	0% (25)	7,037	<1% (25)
Mining and logging	0	0% (26)	300	<1% (26)
<b>Total</b>	<b>2,483</b>		<b>1,525,500</b>	

Source: SANDAG Employment Estimates, 2016

<sup>1</sup> This data summary was prepared by SANDAG and is part of an evolving analysis of where people live and work in the San Diego region. Tier 4 employment centers are those between 2,000 and 14,999 employees. For data notes, sources, and qualifications, please visit: [sandag.org/employmentcenters](http://sandag.org/employmentcenters). Suggested reference: SANDAG (2019, May). *Tier 4 employment centers in the San Diego region: Lake Murray employment center*. San Diego, CA: Author.

Highlight 3

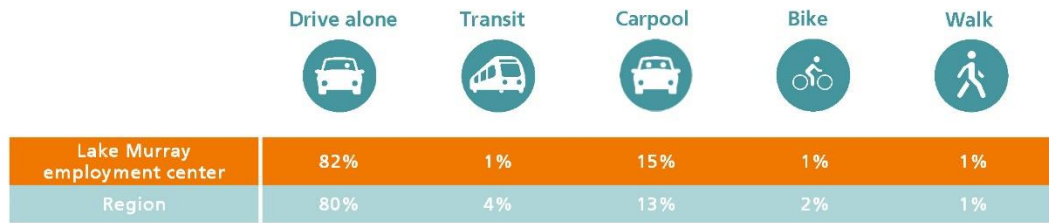
**Other statistics about the education level and income of employees in this employment center**



Sources: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Highlight 4

**What mode of transportation these employment center employees use to get to work during peak period?**



Source: SANDAG Activity Based Model, 2016

Highlight 5

**How far employees drive on average to get to this employment center during peak period and how long it takes them on average, by transportation mode**

	Lake Murray employment center		Region	
	Mean number of miles	Mean length of time (Minutes)	Mean number of miles	Mean length of time (Minutes)
Vehicles	10.7	20.0	12.0	25.1
Transit	9.2	64.0	10.7	62.8
Bike	5.3	26.3	4.3	21.6
Walk	1.6	32.4	1.2	23.2

Note: Peak period includes 6:00 a.m. to 8:59 a.m. and 3:30 p.m. to 6:59 p.m.

Source: SANDAG Activity Based Model, 2016

Highlight 6

**What jurisdictions these employment center employees travel from**

Jurisdiction	Number of workers in the employment center	Percent
San Diego	510	42%
Unincorporated	220	18%
El Cajon	166	14%
Chula Vista	87	7%
Santee	74	6%
La Mesa	67	6%
National City	21	2%
Lemon Grove	16	1%
Vista	12	1%
Oceanside	7	1%
Poway	7	1%
Escondido	7	1%
San Marcos	6	1%
Imperial Beach	6	1%
Coronado	3	<1%
Carlsbad	2	<1%
Encinitas	2	<1%
Del Mar	0	0%
Solana Beach	0	0%
<b>Total</b>	<b>1,213</b>	

Note: The total number of employees shown here is lower than presented elsewhere because employees who travel from outside the region or have an unknown origin location are excluded and only primary jobs are included.

Source: SANDAG Employment Estimates, 2016; LEHD LODES OD, 7.3, 2015

Map 1

Lake Murray employment center

