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The Greater Antelope Valley Economic Alliance (GAVEA) celebrates innovation in the Antelope Valley in this year’s Economic Roundtable Report.

From Agriculture to Aerospace, the Antelope Valley provides a playground for business owners and executives to pursue their dreams. Whether it’s commercial space flight, green energy, or telehealth medicine, the Antelope Valley is soon to be known as the “Innovation Valley.”

This year’s Economic Roundtable Report gives you a snapshot of the communities that make up the region and showcase the opportunities here that await you. Whether you’re a planner, site selector, headhunter, or business executive. The report also features some of the innovative businesses that call this region home. In addition, you’ll see that our quality of life and business-friendly cities make the Antelope Valley a highly desirable destination for a well educated, willing and able workforce. The Greater Antelope Valley is a unique area comprised of two counties, five cities and many unincorporated communities. GAVEA is the only organization to compile the demographic data, specific to our 23 zip codes, into one report with complete and reliable sources. There is no other place like this.

Support from GAVEA’s sponsors and investors ensure the Economic Roundtable Report is a valuable resource for you today and into the future. Without these key partnerships, a publication with this economic and demographic information would not exist. GAVEA is grateful to our investors and sponsors for their continued support of this work.

June Burcham

GAVEA Chairwoman

“Innovation is taking two things that already exist and putting them together in a new way.”
-Tom Freston

Greater Antelope Valley Economic Alliance Staff (L-R)
P.J. Del Gaudio, Kimberly Maevers, Saharra White
DOING BUSINESS ON
SOCAL'S LEADING EDGE
HAS DISTINCT ADVANTAGES

DARE TO COMPARE

Setting up shop along the Leading Edge simply costs less.
With over 3,000 square miles of open space, you'll find room to grow.
Homes are more affordable in the Greater Antelope Valley—50% lower than nearly all SoCal markets.

OVERALL ADVANTAGE
Cumulative comparative rankings of selected California Regions, June 2014

<table>
<thead>
<tr>
<th>STAT / AREA</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>CA</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Costs</td>
<td>Excellent</td>
<td>Poor</td>
<td>Worst</td>
<td>Poor</td>
<td>Poor</td>
<td>Good</td>
<td>Good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Room to Grow</td>
<td>Excellent</td>
<td>Poor</td>
<td>Worst</td>
<td>Poor</td>
<td>Poor</td>
<td>Average</td>
<td>V Good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Housing Costs</td>
<td>Excellent</td>
<td>Good</td>
<td>Poor</td>
<td>Worst</td>
<td>Poor</td>
<td>Poor</td>
<td>Good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cost of Living</td>
<td>V Good</td>
<td>Poor</td>
<td>Poor</td>
<td>Poor</td>
<td>Poor</td>
<td>Poor</td>
<td>Good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labor Costs</td>
<td>Excellent</td>
<td>Good</td>
<td>Poor</td>
<td>Worst</td>
<td>Poor</td>
<td>Poor</td>
<td>Average</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available Workers</td>
<td>Excellent</td>
<td>Good</td>
<td>Worst</td>
<td>Poor</td>
<td>Poor</td>
<td>Poor</td>
<td>Good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kosmont Survey*</td>
<td>2.5</td>
<td>3.7</td>
<td>3.7</td>
<td>3.0</td>
<td>2.0</td>
<td>1.9</td>
<td>2.75</td>
<td>3.0</td>
<td>3.0</td>
</tr>
</tbody>
</table>

* 2015 data not available at press time, The Kosmont-Rose Survey, conducted annually by the Rose Institute at Claremont McKenna College compares regulations, fees and taxation rates imposed by local jurisdictions on a five point scale.

FACILITY COSTS
Based on average annual cost per square foot according to LoopNet.com survey, June 2014

<table>
<thead>
<tr>
<th>STAT / AREA</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail $</td>
<td>16.92</td>
<td>30.10</td>
<td>44.66</td>
<td>27.22</td>
<td>24.07</td>
<td>20.73</td>
<td>17.47</td>
<td>20.21</td>
</tr>
<tr>
<td>Office $</td>
<td>15.29</td>
<td>24.96</td>
<td>49.23</td>
<td>29.47</td>
<td>21.75</td>
<td>22.20</td>
<td>16.16</td>
<td>21.07</td>
</tr>
<tr>
<td>Industrial $</td>
<td>8.19</td>
<td>10.37</td>
<td>18.85</td>
<td>12.35</td>
<td>10.73</td>
<td>10.30</td>
<td>7.49</td>
<td>8.57</td>
</tr>
</tbody>
</table>

ROOM TO GROW

<table>
<thead>
<tr>
<th>STAT / AREA</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>CA</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>People/ Sq. Mile</td>
<td>173.7</td>
<td>2,419</td>
<td>4,986</td>
<td>1,491</td>
<td>3,808</td>
<td>735</td>
<td>202.35</td>
<td>246</td>
<td>89.5</td>
</tr>
<tr>
<td>Available Land</td>
<td>Excellent</td>
<td>Very Ltd</td>
<td>Very Ltd</td>
<td>Limited</td>
<td>Limited</td>
<td>Varies</td>
<td>Excellent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available Bldgs</td>
<td>Good</td>
<td>Limited</td>
<td>Very Ltd</td>
<td>Limited</td>
<td>Limited</td>
<td>Varies</td>
<td>Good</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## HOUSING COSTS

U.S. Census, American Fact Finder 2008-2012, National Association of Realtors, June 2014

<table>
<thead>
<tr>
<th>STAT / AREA</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>CA</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Cost $</td>
<td>1,064</td>
<td>1,407</td>
<td>1,738</td>
<td>1,875</td>
<td>1,742</td>
<td>1,547</td>
<td>1,367</td>
<td>1,441</td>
<td>1,015</td>
</tr>
<tr>
<td>Med. Sales Price $</td>
<td>198,357</td>
<td>407,000</td>
<td>947,000</td>
<td>950,000</td>
<td>680,000</td>
<td>492,000</td>
<td>254,000</td>
<td>449,000</td>
<td>202,000</td>
</tr>
<tr>
<td>Home Ownership</td>
<td>61.38%</td>
<td>47.3%</td>
<td>36.9%</td>
<td>58.9%</td>
<td>59.3%</td>
<td>54.5%</td>
<td>65.25%</td>
<td>56%</td>
<td>65.5%</td>
</tr>
</tbody>
</table>

## COST OF LIVING

National Association of Realtors, June 2014, Accra Cost of Living Index, June 2014

<table>
<thead>
<tr>
<th>STAT / AREA</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>CA</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>[A] 1st Time Buyer</td>
<td>73.4%</td>
<td>54%</td>
<td>34%</td>
<td>38%</td>
<td>44%</td>
<td>52%</td>
<td>72%</td>
<td>56%</td>
<td>77%</td>
</tr>
<tr>
<td>[B] Traditional</td>
<td>62%</td>
<td>31%</td>
<td>14%</td>
<td>16%</td>
<td>19%</td>
<td>27%</td>
<td>52.5%</td>
<td>33%</td>
<td>59%</td>
</tr>
<tr>
<td>Cost of Living Index</td>
<td>92.7%</td>
<td>131.3%</td>
<td>168.3%</td>
<td>168.3%</td>
<td>131.3%</td>
<td>134.4%</td>
<td>113.7%</td>
<td>124.1%</td>
<td>100%</td>
</tr>
</tbody>
</table>

[A]&[B] Housing Affordability

## LABOR COSTS

Based on average weekly wages as reported by US Department of Labor and Median Annual Salary as reported by US Census, American Community Survey

<table>
<thead>
<tr>
<th>STAT / AREA</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>CA</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weekly Wage $</td>
<td>974</td>
<td>1,185</td>
<td>1,549</td>
<td>1,783</td>
<td>1,022</td>
<td>1,022</td>
<td>755</td>
<td>1,186</td>
<td>922</td>
</tr>
<tr>
<td>Median Salary $</td>
<td>30,887</td>
<td>34,937</td>
<td>48,030</td>
<td>48,627</td>
<td>38,771</td>
<td>36,130</td>
<td>31,926</td>
<td>35,112</td>
<td>33,216</td>
</tr>
<tr>
<td>Mgmt. Business $</td>
<td>56,920</td>
<td>57,833</td>
<td>73,529</td>
<td>84,492</td>
<td>67,582</td>
<td>60,516</td>
<td>55,864</td>
<td>62,609</td>
<td>53,388</td>
</tr>
<tr>
<td>Service Sector $</td>
<td>17,702</td>
<td>17,767</td>
<td>21,799</td>
<td>20,505</td>
<td>18,511</td>
<td>19,178</td>
<td>18,994</td>
<td>18,748</td>
<td>21,834</td>
</tr>
<tr>
<td>Nat. Resources $</td>
<td>27,207</td>
<td>28,042</td>
<td>32,281</td>
<td>38,401</td>
<td>33,613</td>
<td>34,804</td>
<td>34,721</td>
<td>30,553</td>
<td>17,464</td>
</tr>
<tr>
<td>Production $</td>
<td>24,203</td>
<td>23,800</td>
<td>27,355</td>
<td>31,720</td>
<td>26,903</td>
<td>28,619</td>
<td>31,695</td>
<td>26,913</td>
<td>29,680</td>
</tr>
<tr>
<td>Union Members</td>
<td>7.6%</td>
<td>7.6%</td>
<td>8.4%</td>
<td>6.5%</td>
<td>7.6%</td>
<td>8.2%</td>
<td>14.0%</td>
<td>8.9%</td>
<td>6.7%</td>
</tr>
</tbody>
</table>

## AVAILABLE WORKERS


<table>
<thead>
<tr>
<th>STAT / AREA</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>CA</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available Workers</td>
<td>11.7%</td>
<td>9.9%</td>
<td>5.2%</td>
<td>5.6%</td>
<td>6.2%</td>
<td>7.5%</td>
<td>10.2%</td>
<td>8.1%</td>
<td>7.3%</td>
</tr>
<tr>
<td>Work Out of Town</td>
<td>77.48%</td>
<td>60.3%</td>
<td>23.5%</td>
<td>64.5%</td>
<td>74.1%</td>
<td>47.0%</td>
<td>69.85%</td>
<td>59.2%</td>
<td>42.8%</td>
</tr>
<tr>
<td>Commute 60+ Min.</td>
<td>22.78%</td>
<td>11.6%</td>
<td>10.7%</td>
<td>6.3%</td>
<td>8.0%</td>
<td>5.6%</td>
<td>15.8%</td>
<td>9.9%</td>
<td>8.1%</td>
</tr>
</tbody>
</table>
THANKS TO OUR REGIONAL INVESTORS FOR THEIR GENEROUS SUPPORT!

Air Force Flight Test Center
Antelope Valley Air Quality Management District
Antelope Valley College
Antelope Valley East Kern Water Agency
Antelope Valley Hospital
Antelope Valley Press
Antelope Valley Transit Authority
Antelope Valley Union High School District
Atkinson and Associates
BHE Renewables
City of California City
City of Lancaster
City of Tehachapi
Coldwell Banker Commercial Valley Realty
Four Star Printing
Kaiser Permanente
Kern County
Lockheed Martin
Los Angeles County EDC
Los Angeles County 5th Dist. Supervisor
Michael Antonovich
Los Angeles County Workforce Development Board
Northrop Grumman
Palmdale Regional Medical Center
Palmdale Water District
Rio Tinto Minerals
Rosamond Community Services District
Southern California Edison
The Gas Company
VINS Insurance Associates
Waste Management
Wells Fargo Bank
Western Pacific Roofing

SPECIAL THANKS

GAVEA would like to offer our special thanks to Julian Corpeno, AVC student studying math. Julian volunteered his time to help us collect the important demographic data and analysis for this Report. Julian plans to earn a PhD in math and become a college professor.

Our Spring semester intern comes to us from SOAR High School here on the AVC Campus! Alexus Lawson will graduate this spring with not only her high school diploma but her AA in Business Administration as well. She plans to continue pursuing her education in Business Administration at one of CA’s top Universities. Alexus has been an asset to the GAVEA team as our Round Table Report support assistant.

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Antelope Valley: The Unfolding of Silicon Sky

by Christopher Thornberg, Beacon Economist

All regional economies go through periods of ups and downs—but it would be fair to say that over the past few decades the Greater Antelope Valley area has faced a higher proportion of downs. The region was hit hard by the substantial decline in defense spending and sharp contraction in the aerospace industry that occurred in the early 1990s. It then suffered disproportionally from the real estate bust during the more recent ‘Great Recession’.

The good news is that the Antelope Valley is on an upswing and clearly recovering from the recession. Home prices have risen on the rise, increasing at a 9% clip through 2015. Unemployment is falling, and taxable sales in the area are growing at a healthy 5% pace. Population growth is holding steady at a little less than 1%. And the economic outlook is solid. Overall job growth in the region is above 2%. While new construction remains subdued locally, growing unaffordability in the core areas of Los Angeles will undoubtedly create a new surge in demand over the next few years.

But more exciting is the new growth that is occurring in the Antelope Valley’s traditional industry—aerospace. This isn’t your father’s aerospace industry, back when gutsy test pilots and bigger jet engines defined the industry. Today, it is all about material sciences and advanced computer technology. Consider some of the major recent news in the area. In Mojave, Paul Allen is building one of the biggest planes ever for launching satellites into space. Northrup Grumman won the contract to build the next U.S. stealth bomber in Palmdale. NASA, the Air Force, and the Navy are also in the midst of redesigning major weapons systems and all have significant facilities in the area.

All of these efforts require massive R&D activity and extensive high tech supply chains – bringing in a new wave of suppliers and subcontractors. These will be high tech firms with highly skilled employees and represent an opportunity for the area to become a high tech hub. But in the Antelope Valley, the hub will be about the very large rather than the very small as is the case in that famous valley in the northern part of the state.

The key is to make it as easy as possible for these companies and workers to enter the area. This means good planning for site selection purposes, continuing to invest in infrastructure and roads that connect the region to other areas, and investing in information flows via fiber optic lines. Regional development groups should concentrate on creating strategies to bring in early stage financing. Many entrepreneurs will undoubtedly see the potential for new businesses and technologies emerging from the new wave of aerospace activity.

But it also means making sure that the Antelope Valley is a place where tech workers want to live. Improving local school districts, expanding entertainment and retail options, and making space for high-end housing are all often-unappreciated aspects of economic development. And there is no shortage of natural assets in the high desert—it only takes vision to leverage them.

It is truly an exciting time for the Antelope Valley region, and we at Beacon Economics are thrilled to be part of the changing scene, working with the team at GAVEA, as the future of Silicon Sky continues to unfold.

Christopher Thornberg, PhD is an economist and Founding Partner of Beacon Economics LLC. He is also Director of the Center for Economic Forecasting and Development at the UC Riverside School of Business Administration and an Adjunct Professor at the School.

AREA PROFILE

**REGIONAL POPULATION** 539,174

<table>
<thead>
<tr>
<th>Annual Growth</th>
<th>REGIONAL TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021 Projected</td>
<td>576,223</td>
</tr>
<tr>
<td>2016 Estimate</td>
<td>539,174</td>
</tr>
<tr>
<td>2010 Census</td>
<td>496,024</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Population by Origin</th>
<th>REGIONAL TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Hispanic or Latino</td>
<td>299,407</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>239,767</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Population by Race</th>
<th>REGIONAL TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>287,802</td>
</tr>
<tr>
<td>Black/African American</td>
<td>77,532</td>
</tr>
<tr>
<td>American Indian/Alaskan Native</td>
<td>5,395</td>
</tr>
<tr>
<td>Asian</td>
<td>20,089</td>
</tr>
<tr>
<td>Native Hawaiian or Pacific Islander</td>
<td>1,303</td>
</tr>
<tr>
<td>Other</td>
<td>116,851</td>
</tr>
<tr>
<td>Two or more Races</td>
<td>29,817</td>
</tr>
<tr>
<td>Median Age</td>
<td>37</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Regional Housing</th>
<th>REGIONAL TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Household Income</td>
<td>$66,591</td>
</tr>
<tr>
<td>Per Capita Income</td>
<td>$21,006</td>
</tr>
<tr>
<td>Housing Units</td>
<td>163,956</td>
</tr>
<tr>
<td>Persons per Household</td>
<td>2.85</td>
</tr>
<tr>
<td>Owner Occupied</td>
<td>66.2%</td>
</tr>
<tr>
<td>Average Length of Residence (yrs)*</td>
<td>14.60%</td>
</tr>
</tbody>
</table>

**Economy**

Cost of Doing Business Low to Moderate (Property Taxes not Included)

*2015 numbers not available at press time.

<table>
<thead>
<tr>
<th>Education</th>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS Graduate/GED</td>
<td>89,043</td>
<td>26.8%</td>
</tr>
<tr>
<td>Some College/Assoc. Deg</td>
<td>121,468</td>
<td>36.6%</td>
</tr>
<tr>
<td>Bachelor’s Degree &amp; +</td>
<td>54,401</td>
<td>16.4%</td>
</tr>
<tr>
<td>*Pop Age 25+</td>
<td>331,894</td>
<td></td>
</tr>
</tbody>
</table>

Source: The Nielsen Company

**Ethnicity (Language?)**

<table>
<thead>
<tr>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primarily Speak English</td>
<td>354,242</td>
</tr>
<tr>
<td>Primarily Speak Spanish</td>
<td>123,078</td>
</tr>
<tr>
<td>Speak Other Language</td>
<td>22,084</td>
</tr>
<tr>
<td>*Pop. Age 5+</td>
<td>499,417</td>
</tr>
</tbody>
</table>

**Age Specific**

<table>
<thead>
<tr>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-17</td>
<td>145,571</td>
</tr>
<tr>
<td>18-54</td>
<td>271,829</td>
</tr>
<tr>
<td>55-64</td>
<td>63,611</td>
</tr>
<tr>
<td>Over 65</td>
<td>58,163</td>
</tr>
<tr>
<td>539,174</td>
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</table>

Median Age 37

**Speak Other Language** 22,084 4.4%

**Primarily Speak Spanish** 123,078 24.6%

**Primarily Speak English** 354,242 70.9%

**Ethnicity (Language?)**

<table>
<thead>
<tr>
<th>Total</th>
<th>%</th>
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<tr>
<td>Primarily Speak English</td>
<td>354,242</td>
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<tr>
<td>Primarily Speak Spanish</td>
<td>123,078</td>
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<td>*Pop. Age 5+</td>
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**Age Specific**

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<td>271,829</td>
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<td>55-64</td>
<td>63,611</td>
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<tr>
<td>Over 65</td>
<td>58,163</td>
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</table>

Median Age 37

**Speak Other Language** 22,084 4.4%

**Primarily Speak Spanish** 123,078 24.6%

**Primarily Speak English** 354,242 70.9%
**ESTIMATED POPULATION BY ZIP CODE**

<table>
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<tr>
<th>ZIP</th>
<th>CITY</th>
<th>'10 CENSUS</th>
<th>2014</th>
<th>'16 EST</th>
<th>ZIP</th>
<th>CITY</th>
<th>'10 CENSUS</th>
<th>2014</th>
<th>'16 EST</th>
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<th>CITY</th>
<th>'10 CENSUS</th>
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<td>14,694</td>
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<td>Rosamond</td>
<td>19,409</td>
<td>19,582</td>
<td>20,139</td>
<td>93544</td>
<td>Liano</td>
<td>1,265</td>
<td>1,503</td>
<td>1,553</td>
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<td>93516</td>
<td>Boron</td>
<td>2,045</td>
<td>2,376</td>
<td>2,434</td>
<td>93561</td>
<td>Tehachapi</td>
<td>31,537</td>
<td>35,979</td>
<td>36,883</td>
<td>93550</td>
<td>Palmdale</td>
<td>49,076</td>
<td>55,240</td>
<td>58,104</td>
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<td>93519</td>
<td>Cantil</td>
<td>79</td>
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<td>3,007</td>
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<td>93551</td>
<td>Palmdale</td>
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<td>3,056</td>
<td>3,024</td>
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<td>39,783</td>
<td>41,796</td>
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<td>71,705</td>
<td>76,107</td>
<td>78,838</td>
<td>93553</td>
<td>Pearblossom</td>
<td>1,482</td>
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<td>93527</td>
<td>Inyokern</td>
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<td>2,429</td>
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<td>93536</td>
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<td>70,876</td>
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<td>79,049</td>
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<td>Valyermo</td>
<td>673</td>
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<td>93591</td>
<td>Palmdale</td>
<td>6,608</td>
<td>7,421</td>
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**Sources:** 2010 Census & The Nielsen Company

**ECONOMIC ROUNDTABLE REPORT | 9**
## LOS ANGELES COUNTY

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<thead>
<tr>
<th>Employment Industry by Sector</th>
<th>'14 TP</th>
<th>'14 AAE</th>
<th>'13 TP</th>
<th>'13 TE</th>
<th>'12 TP</th>
<th>'12 TE</th>
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<tr>
<td>Agriculture, Forestry, Fishing and Hunting</td>
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<td>Arts, Entertainment &amp; Recreation</td>
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<tr>
<td>Professional, Scientific &amp; Technical Srvcs</td>
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<tr>
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*2015 data not available at press time

### KERN COUNTY

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<tr>
<th>Employment Industry by Sector</th>
<th>'14 TP</th>
<th>'14 AAE</th>
<th>'13 TP</th>
<th>'13 TE</th>
<th>'12 TP</th>
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<td>$3,113,603,990</td>
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*2015 data not available at press time

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**Source:** EDD

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More info on each area... pg#
Northrop Grumman’s Global Hawk – NATO’s First Alliance Ground Surveillance Aircraft

In a major step, LA County Supervisor Michael D. Antonovich joined world representatives in Palmdale on June 4, 2015 to attend the unveiling of Northrop Grumman’s Global Hawk, NATO’s first Alliance Ground Surveillance (AGS) aircraft. The unmanned, wide-area surveillance aircraft is part of a broader system that will further expand NATO’s joint intelligence, surveillance and reconnaissance (ISR) capability during a full range of NATO’s missions such as the protection of ground troops and civilian populations, crisis management, and humanitarian assistance in natural disasters.

The AGS aircraft completed its first test flight on December 19, 2015, taking off from U.S. Air Force Plant 42 in Palmdale and arriving at Edwards Air Force Base. The test flight marked the start of six months of ground and airborne testing at Edwards AFB before the aircraft is sent to its new home in Sigonella, Italy. Northrop will transition the first NATO AGS aircraft to Sigonella in 2016, with initial operational capability expected in 2017.

LA County Air Show – The 2015 LA County Air Show was held March 21–22, 2015 at Fox Airfield and welcomed the U.S. Air Force Thunderbirds Jet Demonstration team, along with demonstrations by the U.S. Marine Corps AV-8B Harrier Jump Jet, the U.S. Navy F/A-18 Super Hornet, world-class aerobatics, parachute demonstrations, wing walking, pyrotechnics, interactive displays, and entertainment. The Air Show also featured a 25,000 square foot STEM Expo, a dynamic and interactive science, technology, engineering and mathematics enrichment exhibit filled with aircraft, space artifacts, robots and much more.

Unincorporated Antelope Valley (Los Angeles County)

More than 65 percent of Los Angeles County – 2,653.5 square miles – is unincorporated. For the over one million people living in those areas, the Board of Supervisors serves as its “city council” and the Supervisor representing the area is the “mayor.” County departments provide municipal services such as law enforcement, firefighting, road maintenance, parks, zoning, building permits, and animal care and control to these areas. The Antelope Valley includes the most unincorporated territory of any region in the County.

Los Angeles County, with nearly 100,000 employees, is the largest employer in the five-county region. In Fiscal Year 2015-16, the County budgeted 33,408 positions in law and justice, 31,887 in health-related services, and 22,767 in social services. The spectrum of job listings – from clerk to truck driver, sanitary to psychiatrist, scientist to scuba diver, attorney to helicopter pilot – encompasses nearly every trade and profession, and illustrates the complexity of County government.

Unincorporated communities in the Antelope Valley include: Acton, Antelope Acres, Crystal Lake, Del Sur, Elizabeth Lake, Fairmont, Gorman, Green Valley, Hi Vista, Juniper Hills, Lake Hughes, Lake Los Angeles, Leona Valley, Littlerock, Llano, Neenach, Oso, Pearblossom, Quartz Hill, Roosevelt, Sun Village, Three Points, Valyermo, White Fence Farms, and Wrightwood.

The unincorporated Antelope Valley is home to over 600 businesses with the most being located in Acton and Quartz Hill.
As the economy strengthens, hotels and manufacturers continue to open and thrive in Lancaster. As the Antelope Valley’s identity as a tourist attraction grows, several hotel companies have opened locations in Lancaster in recent years. Notably, a Marriott TownePlace Suites extended-stay hotel opened in 2014 and its representatives have since played a very active role in ‘Destination Lancaster,’ helping to guide local tourism efforts. In 2015, the 88-room Best Western PLUS-Desert Poppy Inn opened at Avenue I and 20th Street West, providing another option for visitors to spend the night in Lancaster and another strong contributor to Lancaster’s tourism efforts. As established hoteliers continue to move to Lancaster, even more tourism-related developments are expected from Destination Lancaster and its passionate Board Members.

**COMMUNITY TRENDS**

**City-Assisted Dealership Expansions:** The City helped create the expansion of Lancaster Honda and began the expansion process with Hunter Dodge Chrysler Jeep Ram/Hunter Fiat, as the firm has consistently been the top Dodge truck dealer in LA County.

**It’s All Happening on The BLVD:** Downtown Lancaster continues to attract new businesses and investment; during 2015, seven new businesses opened on The BLVD, including a churrasco-style Brazilian restaurant, a modern tea room and Double D Cupcakes, an award-winning cupcake shop.

**Stakeholders Get in the Game:** Business owners in The BLVD Commercial District have stepped up to manage it as members of the District’s Board. The synergism of collective stakeholder leadership will bring even more prosperity to one of Lancaster’s core commercial centers.

**Healthy Heart of the AV:** The Lancaster City Council’s vision of a region united by a central health community is materializing in the Lancaster “Medical Main Street,” a partnership with Antelope Valley Hospital to provide healthcare in an active lifestyle-oriented environment.

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**Elected Officials**

- Mayor: R. Rex Parris
- Vice Mayor: Marvin Crist
- Councilmembers: Raj Malhi, Ken Mann, Angela Underwood-Jacobs

**Community Contacts**

- Mark Bozigian: City Manager
- Vern Lawson: Economic Development Director

---

“[BYD] could eventually be one of the largest employers in the region... I’m excited they chose Lancaster.”

-- Kevin McCarthy, United States House of Representatives Majority Leader
Palmdale recognized as the Most Business Friendly City in Los Angeles County with a population greater than 65,000, by the Los Angeles County Economic Development Corporation. "Why are all these companies choosing to do business in Palmdale? We believe that it’s a combination of the big things and the little things that together make Palmdale LA County’s most business friendly city." 2015 Most Business Friendly Application. “This year’s Most Business Friendly Cities, Palmdale and El Segundo, understand that communities and families thrive when good jobs are created, and because many businesses can choose to locate those jobs anywhere, job creation depends on business-friendly practices,” said Bill Allen, Chief Executive Officer of LAEDC.


The "Miracle on 47th Street" continues to grow with a brand new Starbucks and GNC Live Well store. Yoshinoya scheduled to open in 2016.

Two new microbreweries, Transplants Brewing Company and LuckyLuke Brewing opened their doors in Palmdale to the craft beer connoisseurs.

Antelope Valley Mall added Menchies, BlazePizza, Rue21, Carter’s, OshKosh B’gosh, and Windsor Fashion to their tenant mix.

Bang Printing a Minnesota based Printing Company specializing in book printing and binding has chosen to relocate and expand to Palmdale bringing over 150 jobs.

Units contractor Supply a wholesale distributor of construction, industrial supplies and building materials originating in San Diego opens their 3rd location in Palmdale.

Element Hotel by Starwood Hotels and Resorts and Home2SuitesbyHilton will join the City’s hospitality list – both hotels are under construction.

The California High Speed Rail project is moving forward and steps closer to converging in Palmdale.

The Palmdale to Burbank Project Section proposes to connect the Antelope Valley to the San Fernando Valley by traveling from the Palmdale Transportation Center to the Burbank Airport Station.

Thomas Partners Properties (TPP) announced a first of its kind Wellness Village real estate development called TheOasis in LA County. Locating adjacent to the Palmdale Regional Medical Center, the Oasis is a 420,000 square foot development project across more than 17.5 acres that includes multiple districts to promote health and wellness to provide the entire continuum of care in addition to hospitality, retail and dining opportunities for Los Angeles County residents. The over $200 million project will create thousands of new good paying jobs for the area and provide variety of proposed public amenities and public infrastructure improvements. Groundbreaking is expected in June of 2016.

Carmax submitted plans for a new auto showroom and a regional refurbishing center that will create more than 200 jobs.

Antelope Valley College announced that it will open a newer and larger Palmdale campus on Palmdale Blvd., expected to open in 2017.
COUNTY TRENDS

Influx of high tech businesses and research entities who are capitalizing on the unique location of East Kern County and the Mojave Air and Space Port’s technological strengths.

2015 MILESTONES

$306,600 EAST KERN RENEWbiz GRANTS

RENEWBiz (Renewable Energy Neighborhood Enhancement Wind Business Zone) is a program that takes a portion of property tax money from incorporated areas of Eastern Kern County to provide grants for improvements. In 2015, RENEWbiz grants totaled $306,600 for businesses in Boron, Mojave, Rosamond, and Old Town Tehachapi.

The grant amount for each community was:

Boron: $73,883.00
Mojave: $81,246.12
Rosamond: $78,762.08
Old Town Tehachapi: $72,709.10

SPACE PORT BOARD NAMES NEW CEO

Long-time general manager Stu Witt retired in December and Karina Drees became the new CEO of the Mojave Air & Space Port. Ms. Drees was previously the deputy general manager. Prior to coming to Mojave Drees worked for several years in business development and strategy for technology companies and has experience in finance as well as operations.

HOME OF THE WORLD’S LARGEST SOLAR PLANT

Solar Star is in Kern County is the largest solar project in the world. It continues Berkshire Hathaway’s promise to developing renewable energy resources. The facility is producing 586 megawatts of solar-generated power and is financed by Berkshire Hathaway’s subsidiary BHE Renewables. The project began producing power for California in June 2015. Approximately 255,000 homes will be supplied with power from the 1.7 million SunPower solar panels the solar project consist of. Southern California Edison (SCE) will be purchasing the electricity from BHE Renewables.

TEHACHAPI ROBOTICS TEAM GOES HOLLYWOOD

In September the robotics team at Tehachapi High School (THS) was featured on a national telecast of “Think It Up,” hosted by actress Jessica Biel. THS Robotics Team was filmed doing a variety of tasks including: programming, using 3D modeling and printing, teaching coding to elementary school aged children and much more. The show aired ABC, CBS, NBC and Fox.
Constituent of the Year Award... ...goes to the People of California City who mark it's 50th anniversary of incorporation as a city within East Kern. California City is today one of the cities that forms the backbone of Kern County, and especially the Eastern Kern desert. Home to thousands of employees of Edwards Air Force Base and other surrounding industries, and known as a mecca for Off-Highway Vehicle enthusiasts, California City is an important part of our larger Kern community.

Happy 50th birthday California City - it is an honor to represent all of you who call "Cal City" home!

Zack Scrivner, 2nd District Supervisor
Kern County Board of Supervisors

CALIFORNIA CITY

GROWTH UPDATE

The City of California City continues to partner both externally with the East Kern Economic Alliance through the efforts of the Kern Economic Development Corporation, the Greater Antelope Valley Economic Alliance, and internally through the revitalized efforts of the California City Economic Development Corporation and Chamber of Commerce to highlight the business friendly environment and ease of creating new development within our community. The creation of a Staff Development Review process with city staff and the new project applicant allows the ability to discuss in detail all aspects that would be encountered in a development and provides the opportunity to find solutions to problems before they occur. This proactive concept creates a seamless transition between the city and a new business owner relocating into our community. California City is working hand in hand with Kern County, California Department of Transportation, and Edwards AFB to secure funding for a connecting roadway to the Edwards interchange that would link California City with Edwards AFB. This effort that has recently gathered Congressional support to improve this transportation corridor to enhance safety and create a new Hwy 58 business loop thru the City. This link coupled with the recent approval by the State of our larger Kern community.

MILESTONES

- City 50th anniversary culminates a year-long celebration on December 10th with the opening of community Time Capsule that encapsulated 30 years historical look back at its incorporation
- "Bob Parker Scout Lodge dedicated November 7th culminating 5 years and 3,000 volunteer hours of construction of this 2,200 square foot facility that will serve the youth in the community
- California City teams with the County and East Kern Region to secure $500K Economic Opportunity Grant from the Department of Defense Office of Economic Development
- Community Development Block Grant $150K for the abatement of blighted properties within the Lakeview Mobile Home Park that help sets the focus for community wide cleanup
- California City Municipal Airport begins its 3 year replacement of its main taxiway through a first phase grant from the Federal Aviation Administration expanding the width for improved safety
- National Parks and Recreation Association selects California City to highlight in a nationwide fundraiser for Central Park Lake securing funds for a new aeration system for the 19 acre site
- City completes the codification of its Municipal Code that creates a user friendly environment for both increased access and transparency into the rules governing the community.
- $58K Central Park rehabilitation on its 75' x 100' ft. pool completed just in time for summer and providing another 15 to 20 years of useful life for those hot summer months.
- City secures 140 acre dedicated site for future Off Highway Vehicle camping and ridership to complement its ever popular Borax Bill Station

ECONOMIC ROUNDTABLE REPORT | 15

Source: Nielsen Inc.
COMMUNITY TRENDS

Tehachapi is a wonderfully unique place, not just environmentally but economically. Without any large private sector employers in the City, we often leverage our outstanding quality of life to increase wealth and opportunity in our community. With our beautiful environment, our central California location, great schools, elevating healthcare and an entrepreneurial spirit, Tehachapi’s lifestyle is attracting new investments from individuals, families and businesses every day.

One perfect example is World Wind and Solar (WWS). Established in a Tehachapi by a young family wanting to raise their children in a wholesome environment, WWS has reached new heights in 2015 when they were named Most Outstanding Business in the State by California State University Bakersfield and the University of Merced Small Business Development Center. With the announcement by the Bureau of Labor Statistics that Wind Turbine Techs are the fastest growing occupation in the country, 2016 should be another great year.

During 2015, Tehachapi’s economy also continued to climb with new home building numbers more than doubling those of 2014. Many of those new homes are being filled by employees from growing companies in the City and in greater region who choose to call Tehachapi home because of our elevated lifestyle. Others are being purchased by affluent retirees looking to relocate to a safe and energetic community.

In addition to new residents, the number of visitors helping to boost the City’s economy is increasing every year. In 2014, the City experienced $104 million in visitor spending--a 20 percent increase over 2012 at hotels, restaurants, wineries, and other visitor supported businesses. The 2015 numbers are expected to be just as impressive.

Our central location in the region and our excellent quality of life also have a majority of the employees of the leading edge companies to our east, like Scaled Composites and The Spaceship Company, calling Tehachapi home. Employees there and at other major mining, aerospace, and alternative energy companies are making their investment in Tehachapi by sending their children to school, purchasing homes, enjoying our incredible local restaurants, and shopping in our beautifully revitalized downtown. The City’s lifestyle driven economy will only improve in the coming year.

Our economy is growing and more consumers are shopping locally. Our Retail Leakage (the amount residents spend outside our community or online) has been reduced by 24% over the recent years and new businesses that appreciate our lifestyle are continuing to show interest in locating or expanding in Tehachapi. We have strong relationships with the local business associations and support the work of our Chamber of Commerce, Economic Development Council and Tourism Commission. That support is mutual in that they also assist us in uncovering the needs of local business owners. -- Greg Garrett, City Manager

ELECTED OFFICIALS

Mayor ......................... Susan Wiggins
Mayor ProTem............... Kim Nixon
Councilmembers .......... Phil Smith, Ed Grimes, Dennis Wahlstrom

COMMUNITY CONTACTS

Greg Garrett City Manager 661-822-2200 Ext. 105
Michelle Vance Economic Dev. Coord. 661-822-2200 Ext. 121

In 2015, the number of housing permits issued increased by 166%
Capital project spending was $8 million in 2015
There are an additional $7.5 million in capital projects already in the queue for 2016-17 with secured funding.
Tehachapi City Council approved new police dispatch services within the City of Tehachapi.
The City of Tehachapi is in the top 1/3 in the state for water conservation.
In the last five years the City of Tehachapi sales tax has increased by 46%.
Tehachapi GranFondo cycling event enjoyed a 40% increase in participation.
Construction of a new over 200,000 sq. ft. Super Walmart

Expansion of the Ridgecrest Regional Hospital in both services and facilities

Expansion of Cerro Coso Community College in both programs and services

Lot availability within the City’s 46 acre Business Park with several lots for commercial and retail uses

New shopping center developments in process

New commercial rate apartment project in the works

“This is a wonderful place to be, I want to thank the leadership here. It’s heartening to see so many great scientists and engineers working on something so important and so many, very successful programs.”

-- Secretary of Defense Ash Carter during a tour of China Lake NAWS on February 2, 2016

Naval Air Weapons Station
China Lake

2015 Quick Facts

- 2 Ranges
- 1.1 Million Acres of Land
- $3 billion Infrastructure
- 2,132 buildings
- 329 miles paved roads
- 12% of CA’s total airspace (restricted and controlled)
- 4,471 Full-Time Civilian staff
- 694 Military personnel
- 1,850 Onsite Contractors

PAYROLL ESTIMATES:

- **Civilian**
  - $346,000,000
- **Military**
  - $30,000,000
- **Local Contracts**
  - $300,000,000

40,000 Visitors annually

ECONOMIC ROUNDTABLE REPORT | 17
MOJAVE
Educating future scientists in Mojave schools —
[A] Mojave Elementary school teacher Lisa Butters works with labcoated first and secondgraders in their weekly science and technology class. Students work in groups to learn scientific principles, write reports, and discuss what they have learned with Butters and their fellow classmates. STEM (Science, Technology, Engineering and Math) programs are offered at all grade levels from kindergarten through high school in Mojave Unified School District classrooms.

[B] Mojave Chamber of Commerce future quarters — Artist, Alex Kosich’s rendition of the information center to be built in downtown Mojave for the Mojave Chamber of Commerce. Land for the center, which will house the chamber’s railroad caboose and a future office, was donated by Golden Queen Mining.

- K Street beautification will continue with street lights, benches, trash receptacles and repaving of intersections. RENEWBIZ funds from renewable energy tax revenues and federal Community Development Block Grant (CDBG) money will fund the $500,000 project.
- $1.2M downtown sidewalks project will continue
- New Transit Center to begin construction in 2016
- Golden Queen Mine will open with 100 new jobs
- Mojave Visitors Center pocket park to be constructed

Mojave Chamber of Commerce
www.visitmojave.com
info@visitmojave.com
661-824-2481
President: Doug Clipperton

ROSAMOND
Rosamond, CA is a census-designated place (CDP) in Kern County, California, USA, near the Los Angeles county line. 20 miles north of Palmdale, 13 miles south of Mojave and rests at an elevation of 2342 feet. Rosamond is the western gateway to Edwards Air Force base. According to the Census Bureau, the CDP has a total of 52.3 square miles.

Two unique assets of Rosamond are the Rosamond Skypark airport, featuring a 3,600’ paved runway and Willow Springs Raceway, host to a variety of motor racing events year-round.

Representative Organizations
www.RosamondChamber.com
www.RosamondCSD.com
Rosamond Municipal Advisory Council

Rosamond Community Services District
Established in 1966, the RCSD does more than just provide healthy, clean water to its community. RCSD also provides sewer, street lighting, graffiti abatement & parks and recreation services. RCSD has also assured its community’s future through water storage, with over 18 months worth of water stored & ready for use. As partner in the Willow Springs Water Bank RCSD is also helping our State, and the communities in it, build their own stores. Yesterday, today and tomorrow, RCSD is a partner in the health and growth of the community of Rosamond.

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<thead>
<tr>
<th>2016 POPULATION ESTIMATE</th>
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<tr>
<td>2010 Census Population</td>
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<td>21,237</td>
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<td>35.88%</td>
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<td>White Alone</td>
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<td>59.10%</td>
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<td>American Indian and Alaska Native</td>
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<td>3.61%</td>
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<tr>
<td>AVERAGE HOUSEHOLD INCOME</td>
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<td>$70,888</td>
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Housing - 2015
2015 Median Housing
$149,214
Annual % of Change
-6.6%
Housing Units
7,675
Person per Household
2.97
Homeowners
68.03%

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<td>57.38%</td>
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<td>14.64%</td>
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<td>2016 Project</td>
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<td>2015 Median Housing</td>
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<td>Annual % of Change</td>
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<tr>
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<tr>
<td>Housing Units</td>
</tr>
<tr>
<td>1,597</td>
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<tr>
<td>Person per Household</td>
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<tr>
<td>2.67</td>
</tr>
<tr>
<td>Homeowners</td>
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<tr>
<td>53.76%</td>
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</table>

Source: Nielsen Inc.
REGIONAL EMPLOYMENT BY INDUSTRY
Largest Employers

COMPANY .......................... Approx. # of Employees 2015

AEROSPACE / AVIATION
Edwards Air Force Base ............................................ 11,990
Navel Weapons Air Station - China Lake .......................... 6,520
Northrop Grumman .................................................. 4,020
Lockheed Martin ................................................... 3,000
NASA Armstrong Flight Research Center .................. 1,218
Boeing ........................................................................ n/a
Scaled Composites .................................................. 596
The Spaceship Company ............................................. 330
Stratolaunch .......................................................... 250
PPG Aerospace ........................................................ 180
Virgin Galactic ......................................................... 93

GOVERNMENT / CORRECTIONS
County of Los Angeles ................................................. 3,912
CA State Prison (LA County) ........................................ 1,476
CA Correctional Institute (Tehachapi) ......................... 1,462
California City State Prison ................................ ........ 683
City of Lancaster .......................................................... 350
City of Palmdale ......................................................... 186
City of California City ................................................ 155
County of Kern (AV Region only) ................................. 100

EDUCATION / LEARNING
AV Union High School District .................................. 2,500
Lancaster School District ........................................... 2,200
Palmdale School District ............................................. 2,001
Antelope Valley College .............................................. 1,500
Westside School District ............................................. 1,273
Tehachapi Unified School District ............................... 518
Mojave Unified School District ** ................................. 480
Southern Kern School District ................................... 436
Sierra Sands School District ........................................ 400

HEALTHCARE / HEALING
Antelope Valley Hospital Medical Ctr ............................ 2,600
Palm Desert Regional Medical Center ...................... 1,100
Kaiser Permanente .................................................. 1,030
Ridgecrest Regional Hospital ........................................ 721
High Desert Health Systems* ...................................... 585
High Desert Medical Group .......................................... 358
Tehachapi Health District* ........................................... 260

MANUFACTURING / MINING
Rio Tinto Minerals ....................................................... 1,200
Lance Campers ........................................................ 465
Sun Select Produce ................................................... 310
Kinkisharyo International, L.L.C ................................. 258
Incotec ........................................................................ 250
Deluxe Checks .......................................................... 240
Sygma ...................................................................... 240
Morton Manufacturing ................................................ 220
US Pole ...................................................................... 180
Delta Scientific .......................................................... 175
BYD .......................................................................... 250
Golden Queen Mining, Co. .......................................... 150
BAE ........................................................................ 145
Progress Rail ............................................................. 140
Lehigh Southwest Cement, Co. ..................................... 120
Cal Portland Cement .................................................. 120
Granite Construction .................................................. n/a
Golden Queen Mining ................................................ 150

ENERGY / RENEWABLES / WASTE
Southern California Edison ........................................ 244
Waste Management ................................................... 135
GE Wind ................................................................. 134
World Wind & Solar ................................................... 134
TerraGen .................................................................. 90

RETAILING
Wal-Mart (5) .......................................................... 1,922
Antelope Valley Mall (All Stores) ............................... 1,975
Albertson's (All Stores) ............................................... 682
Rite Aid Distribution Center ........................................ 583
Home Depot (4) ......................................................... 550
Michael's Distribution Center ...................................... 550
Vallarta (All Stores) ..................................................... 435
Lowe's (All Stores) .................................................... 350
Target (3) .................................................................. 345
Costco ..................................................................... 325
Sam's Club ............................................................... 190
Kohl's ..................................................................... 150

* includes contract personnel
^ includes interns
~ includes part-time
** includes substitutes on payroll

RETAIL SALES

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<tr>
<th>CALENDAR YEAR</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>% Growth '14/15</th>
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<tbody>
<tr>
<td>Lancaster</td>
<td>$ 1,308,968,000</td>
<td>$ 1,468,176,100</td>
<td>$ 1,558,359,000</td>
<td>$ 1,603,048,500</td>
<td>$ 1,621,577,900</td>
<td>$ 1,648,958,000</td>
<td>1.69%</td>
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<tr>
<td>Palmdale</td>
<td>$ 1,291,750,500</td>
<td>$ 1,356,565,000</td>
<td>$ 1,421,475,800</td>
<td>$ 1,437,113,700</td>
<td>$ 1,508,768,200</td>
<td>avail in May '16</td>
<td>n/a</td>
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<tr>
<td>Ridgecrest</td>
<td>$ 275,380,800</td>
<td>$ 226,702,687</td>
<td>$ 245,000,000</td>
<td>$ 254,000,000</td>
<td>$ 260,000,000</td>
<td>$ 346,000,000</td>
<td>33.07%</td>
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<tr>
<td>Tehachapi</td>
<td>$ 135,484,000</td>
<td>$ 211,009,000</td>
<td>$ 235,531,000</td>
<td>$ 250,853,000</td>
<td>$ 282,729,000</td>
<td>avail in Apr '16</td>
<td>n/a</td>
</tr>
<tr>
<td>California City</td>
<td>$ 3,711,067</td>
<td>$ 3,920,733</td>
<td>$ 4,317,533</td>
<td>$ 2,779,107</td>
<td>$ 4,792,533</td>
<td>$ 3,528,293 *</td>
<td>incomplete for FY</td>
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% of increase/Decrease N/A 8.33% 6.07% 2.40% 3.67%
### COST OF DOING BUSINESS & INTERNATIONAL TRADE

#### 5 REASONS WHY LOS ANGELES COUNTY IS THE PLACE FOR INTERNATIONAL BUSINESS

1. A huge consumer market with 10 million people buying goods and services
2. The No. 1 Customs District in the U.S. with more than $416 billion per year in two-way trade value
3. The world’s leading trade and logistics infrastructure with the two largest sea ports in America (Los Angeles and Long Beach), the Alameda Corridor rail system and the U.S.’s third most active international cargo airport, LAX
4. Networks of business executives from every country, who cultivate ties and understand the culture, so it is easy to do business here, and over 4500 foreign-owned establishments based here
5. 100 consulates located in L.A. County

*Source: LAEDC*

#### FOREIGN TRADE ZONE

Federally-designated Foreign Trade Zones are U.S. Customs and Border Protection-approved locations where companies can engage in special procedures to help encourage U.S. activity by delaying or reducing duty payments on foreign merchandise. There are two types of Foreign Trade Zones: general-purpose zones (which are usually located at ports or industrial parks) and subzones (which are approved for a specific company or use).

#### Benefits:

- **Duty Deferral:** Users may avoid paying duties on imported merchandise. Duty on machinery is deferred until it is put into production; there is no duty paid on re-exports or scrap.
- **Inverted Tariffs/Duty Reduction:** Users may lower duty rates on goods produced in the zone.
- **Weekly Entries:** Customs and Border Protection allows the user to file weekly.
- **No Time Constraints:** Merchandise may remain in the FTZ indefinitely, whether or not it is subject to duty.
- **Customs Compliance:** Customs & Border Protection requirements and federal criminal sanctions are deterrents against theft.
- Close proximity to the ports of Los Angeles and Long Beach.
- Outstanding transportation facilities including rail and highway connections.
- A large, skilled and educated workforce.
- Affordable land and building costs, often 50% lower than other SoCal locations.
- A one-stop, fast-track process for development.
- A cooperative local government that understands the needs of multi-national businesses.


### Legend

1. Cost Rating
2. Charges Gross Receipts Tax
3. Indicates rate of Utility Users Tax, if applicable.
4. Business tax rate % of $10 million
5. Property Tax
6. Sales Tax

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</tr>
<tr>
<td>Lancaster</td>
<td>$$</td>
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<td>0%</td>
<td>0.002%</td>
<td>1.21%</td>
<td>8.75%</td>
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<td>Palmdale</td>
<td>$$$</td>
<td>Yes</td>
<td>0%</td>
<td>.003% to .028%</td>
<td>1.37%</td>
<td>8.75%</td>
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<td>Los Angeles Basin</td>
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<tr>
<td>Whittier</td>
<td>$$$</td>
<td>Yes</td>
<td>5%</td>
<td>.011% to .020%</td>
<td>1.17%</td>
<td>8.75%</td>
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<tr>
<td>Long Beach</td>
<td>$$$</td>
<td>No</td>
<td>5%</td>
<td>.012% to .284%</td>
<td>1.12%</td>
<td>8.75%</td>
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<td>Lons Angeles</td>
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<td>Yes</td>
<td>9% to 12.5%</td>
<td>.101% to .507%</td>
<td>1.25%</td>
<td>8.75%</td>
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<tr>
<td>Redlands</td>
<td>$$$$</td>
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<td>0%</td>
<td>.025% to .300%</td>
<td>1.31%</td>
<td>7.75%</td>
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<td>Fontana</td>
<td>$$$$</td>
<td>Yes</td>
<td>5%</td>
<td>.025% to .350%</td>
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<td>8%</td>
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<td>San Bernardino</td>
<td>$$$$</td>
<td>Yes</td>
<td>7.75%</td>
<td>.025% to .075%</td>
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<td>Riverside</td>
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<td>Indio</td>
<td>$$$$</td>
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<td>3% to 6%</td>
<td>.016%</td>
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<td>Las Vegas</td>
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<td>5%</td>
<td>.001% to .076%</td>
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<td>7.72%</td>
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</tbody>
</table>
SMALL BUSINESS
Support

BUSINESS RETENTION & EXPANSION RESOURCES

SMALL BUSINESS DEVELOPMENT CENTER (SBDC)
Serving the greater Antelope Valley
Our region is served by two extraordinary SDBC teams. The SBDC Northern Los Angeles County - Antelope Valley services are available in the SBDC office at the University of Antelope Valley (UAV), as well as at the GAVEA office on the Antelope Valley College campus, plus two satellite locations in Palmdale. Kern County business owners are served through the CSU Bakersfield SBDC team at various locations.

Both teams offer monthly webinars as well as services below:

Consulting - SBDC counselors can offer individual advice and guidance concerning the formation, management, financing and operation of your business. Counseling is provided at no charge to qualified businesses (the business must have less than 500 employees). Individuals who are considering starting a business are also eligible for counseling. SBDC counselors have significant experience in the private sector, and many have extensive management and financial consulting backgrounds.

Training - Gain the knowledge needed to make your business excel by attending our training classes offered in specialized subjects and management basics for new business ventures. Areas of training include: accounting/budgeting, tax planning, cash flow management, business planning, management, marketing, computers in small business, technology, including e-commerce, customer relations, human relations, international trade, legal issues, patents, trademarks, and procurement/purchasing.

Los Angeles County
661.362.5900 www.cocsbdc.org
Kern County
661.654.2856 www.csusb.edu/sbdc

SMALL BUSINESS ADMINISTRATION
The U.S. Small Business Administration (SBA) is dedicated to helping small businesses in the Antelope Valley start, grow and succeed. Throughout the Nation, SBA funds a strong network of counselors and technical assistance partners, including: Small Business Development Centers, Women’s Business Centers and SCORE mentors, who provide one on one business counseling and low to no cost training. The SBA’s capital access program is a critical agency focus with three main programs: the 7(a) program for most small business needs, the 504 program for real estate and fixed asset financing and the Microloan program for small loans. LINC, SBA’s online tool, leverages technology to help connect small business owners with lenders through a simple online process. SBA is the champion for small business in the federal marketplace – with the help of our programs, matchmaking events and online training, we help small businesses obtain billions of dollars in federal contracts.

You can find the nearest SBA technical assistance partner by downloading our online resource guide, on our website at www.sba.gov/ca/la (in Spanish at https://es.sba.gov/) or by contacting the Los Angeles District Office at (818) 552-3201 or e-mail: lado@sba.gov

US TREASURY
Offers a number of initiatives to help small businesses grow.

State Small Business Credit Initiative (SSBCI)
SSBCI supports state programs that, in turn, use the funds to support private sector loans and investments to small businesses and small manufacturers that are creditworthy but are not able to access the capital they need to expand and create jobs.

Small Business Lending Fund (SBLF)
The Small Business Lending Fund (SBLF) provides capital to qualified community banks and community development loan funds (CDLFs) to encourage and promote economic growth and create new jobs.
www.treasury.gov

EMPLOYMENT TRAINING PANEL (ETP)
A business and labor supported state initiative that assists employers in strengthening their competitive edge by providing funds to offset the costs of job skills training.
http://www.ftp.ca.gov

DEPARTMENT OF CONSUMER AND BUSINESS AFFAIRS (DCBA)
DCBA has programs to assist existing small businesses and can also provide advice to individuals starting small businesses.
(800) 593-8222 www.dcba.lacounty.gov

LA COUNTY COMMUNITY DEVELOPMENT COMMISSION (LACDC)
Supports local economies through programs such as neighborhood revitalization, business incubators, economic incentives, and commercial lending. Programs include: County Business Loan Program, County Business Expansion Loan Program, County Technology Loan Program, County Utility Loan Program.
(626) 586-1795 www.lacdc.org/for-businesses

iHUB
The California Governor’s Office of Business and Economic Development (GO-Biz) has officially launched the California Innovation Hub for Defense, Energy and Aerospace (iDEA Hub), which is based in Ridgecrest, CA and includes the counties of Kern, Los Angeles, Orange, San Diego, and Ventura. The California iDEA Hub provides unique access to a robust ecosystem addressing many of our Nation’s most critical science and technology needs and provides significant partnerships from the China Lake Naval Air Warfare Center, Edwards Air Force Base, the AERO Institute and NASA Armstrong Flight Research Center, which has a combined expertise of over 7,000 scientists, engineers, logisticians, prime government contractors, acquisition professionals and military operators.
www.idealihub.org

GO-Biz
GO-Biz offers a range of services to business owners including: attraction, retention and expansion services, site selection, permit streamlining, clearing of regulatory hurdles, small business assistance, international trade development, assistance with state government, and much more.
www.business.ca.gov
ECONOMIC ROUNDTABLE REPORT | 23

WORKFORCE DEVELOPMENT

WORKFORCE DEVELOPMENT - North Los Angeles and South East Kern Counties.

LA County Office of Education – Our company works to get unemployed and underemployed people back to work! Clients are offered job coaching, training, resume preparation, interview and presentation skills, as well as referrals to further train to develop their skills.

2015 MILESTONES:
• We assisted in placing over 58 participants into full time and part time jobs in 2014-2015 FY and another 283 full time and part time jobs in the 1st half of 2015-2016 FY;
• Our FaceBook page posts jobs on a daily basis to assist participants in finding current job leads, as well as recruitment and job fairs;
• We have an average of 1 job recruitment per week that moves participants into jobs faster than the normal way of applying and waiting for jobs.
• We have partnered with AVTA and LA County 211 to provide transportation shuttle service for clients for their job search, providing approximate 3,615 shuttle rides for job searches, interviews and related activities.
• We facilitate short-term trainings to prepare unemployed people for jobs. In 2015, truck driving and CNC short term trainings were provided, with many participants obtaining employment after graduation. We are currently developing trainings for Security, Hospitality and GED.
• We are the lead agency involved in an annual Job Fair.

We partner with employers to provide qualified employee referrals, free innovative solutions to job-seeker and employer barriers by providing training, local recruitments, transportation and more.  www.lacoegain.org/

Source: David Manguramas Career Development Program Supervisor

MOJAVE AMERICA’S JOB CENTER - Mojave is one of the twelve locations in the Kern, Inyo and Mono counties that an America’s Job Center office offers services in collaboration with several agencies. In Mojave the Department of Human Services, Employers’ Training Resource, Community Connection for Childcare, College Community Services and Fosters Assessment assist employers with connecting to qualified job candidates for their open positions.

Employers can utilize the staff and facilities for job recruitments, testing, orientations, pre-screening of job applicants, On-the-Job training opportunities and tax incentives. Staff also assist the under employed or unemployed people to get back to work. We offer training programs for job seekers that need new skills to change careers or upgrade their skills in order to find employment, which includes access to resource rooms with computers, internet, copy and fax machines, and staff assistance.

Job Search classes and workshops are also offered to assist with preparing resumes, interview techniques and referrals to employment opportunities. In 2015, the Mojave AJCC office alone held 7 large employer recruitments for the area that resulted in over 150 hires.

Mojave America’s Job Center
2300 Highway 58 Mojave, CA 93501
(661) 824-7800

No Fee Services include:
• Recruiting and Screening of Applicants
• Skills Assessments
• Support for Job Fairs and Open Houses
• Referrals to Training Providers for Occupational Skills Training
• No Fee Internet-Based Automated System to Place Job Openings
• Access to Job Leads • Computers, Telephones, Copiers, & Fax Machines
• Job Seeking Workshops
• Resume Creation
• Veterans Services
• Youth Services
• Job Clubs

For more information contact America’s Job Center of California in Lancaster at 661/726-4128 or visit us at 1420 West Avenue I, in Lancaster or go to www.av.worksource.ca.gov

Regional Chambers of Commerce

Acton Chamber of Commerce
Telephone: (661) 269-5785  www.aadcoc.org

Antelope Valley African American Chamber of Commerce
Telephone: (661) 272-5807  www.avaaacc.org

AV Hispanic Chamber of Commerce
Telephone: (661) 538-0607  www.avhcc.org

Boron Chamber of Commerce
Telephone: (760) 762-5810

California City Chamber of Commerce
Telephone: (760) 373-8676  www.californiacity.com

Greater Tehachapi EDC
Telephone: (661) 748-3327  www.tehachapiedc.com

Indian Wells Valley EDC/China Lake Alliance
Telephone: (760) 378-2142  www.chinlakealliance.org

Lake Los Angeles Chamber of Commerce
Telephone: (661) 264-2786

Lancaster Chamber of Commerce
Telephone: (661) 948-4518  www.lancasterchamber.org

Littlerock Chamber of Commerce
Telephone: (661) 949-6990

Mojave Chamber of Commerce
Telephone: (661) 824-2481  www.visitmojave.com

Palmdale Chamber of Commerce
Telephone: (661) 273-3232  www.palmdalechamber.org

Pearblossom Chamber of Commerce
Telephone: (661) 305-6519

Quartz Hill Chamber of Commerce
Telephone: (661) 722-4811  www.quartzhillchamber.com

Ridgecrest Chamber of Commerce
Telephone: (760) 375-8331  www.ridgecrestchamber.com

Rosamond Chamber of Commerce
Telephone: (661) 256-3246  www.rosamondchamber.com

Sun Village Chamber of Commerce
Telephone: (661) 400-1026

Tehachapi Chamber of Commerce
Telephone: (661) 822-4180  www.tehachapi.com

JOB SEEKERS/CAREER CHANGER

South Valley WorkSource Center, Palmdale, California
The South Valley WorkSource Center, provides a host of services to both employers and employees.

Services for businesses include:
• No-cost job postings both locally and via the internet using our searchable on-line job bank
• No-cost job fair registration
• Customized recruiting to help you fill positions quickly
• Skills assessments of potential candidates to ensure they meet your criteria
• On-the-job and pre-employment training
• Conference rooms and private offices for interviews, trainings, orientations, etc.
• Business Incentive Information
• Business Advisory Council membership
• Antelope Valley Enterprise Zone Vouchering

Services for the job seeker include:
• One-on-one career counseling
• Employment preparation workshops
• Special training programs
• Job and career fairs
• Computers, printers, copy machines, fax, phones, and scanner
• Job leads and referrals
• Supportive services

Please contact the South Valley WorkSource Center at 661/265-7421 for more information or visit us at 38510 Sierra Highway or www.cityofpalmdale.org/svwc

WorkSource California Antelope Valley One-Stop Career Center, Lancaster, California

America’s Job Center of California in Lancaster offers an array of services to both employers and job seekers. We are the Antelope Valley Workforce Development Consortium.

No Fee Services include:
• Recruiting and Screening of Applicants
• Skills Assessments
• Support for Job Fairs and Open Houses
• Referrals to Training Providers for Occupational Skills Training
• No Fee Internet-Based Automated System to Place Job Openings
• Access to Job Leads • Computers, Telephones, Copiers, & Fax Machines
• Job Seeking Workshops
• Resume Creation
• Veterans Services
• Youth Services
• Job Clubs

For more information contact the America’s Job Center of California in Lancaster at 661/726-4128 or visit us at 1420 West Avenue I, in Lancaster or go to www.av.worksource.ca.gov
CALIFORNIA CITY

Come join the excitement! California City continues to be the Mecca for off road enthusiast as they pursue family fun and adventure within our second community boundaries. This constant weekly flow during the annual riding season has boosted local business sales throughout by 20% with expected growth to continue as Borax Bill Park improvements to enhance safety and access continue each year!

Opportunities are limitless as the City is surrounded by new investments in Alternative Energy and Automotive Testing, with over $100 million being injected into the region! Honda North America, Hyundai, American Solar, Eight Minute Energy, and Bolthouse Solar all currently or soon will be under construction bringing jobs and growth to California City!

PALMDALE

Kinkisharyo International, from Osaka, Japan, delivered the first of its 235 rail cars as part of a $910.6 million dollar contract with LA Metro, which has created 250 new jobs to date.

Anywind Energy Inc. unveiled its first wind turbine installation at its headquarters on Sierra Highway in Palmdale. The AWP system overcomes the problems of the conventional propeller-type wind turbine in terms of wind speed and direction, cost effectiveness, maintenance, noise and EMF emission.

Summit Power purchased the Palmdale Energy Project (formerly the Palmdale Hybrid Power Plant) and are reconfiguring the plant to meet the demands for clean power. The plant will be a “peaker” facility to augment the State’s growing renewable energy portfolio, and provide reliable energy that our local businesses and residents can count on for years to come. The project will produce more than 340 high paying jobs during the construction phase, 23 permanent high paying jobs during its operation and pump millions of dollars into the local economy through property and sales taxes.

TEHACHAPI

A Look at Retail Opportunities - The recent California Retail Survey stated that Tehachapi is the 10th fastest growing retail market in the State of California. We have plenty of space and are ready for development. Take a quick look at our traffic count to determine where to locate your business and get an idea of the road traffic you can expect...22,328 Average Trips Per Day on Tucker Road alone!

Surrounded by Innovation - With the Nation’s largest windfarm, major solar projects and California’s only spaceport all just a few miles away, Tehachapi is home to many forward-thinking leaders.
**CALIFORNIA CITY**

**Airport Business Park**
California City Municipal Airport  
Total Acreage: 40 acres  
Zoning: Industrial & M1

**INYOKERN**

**Inyokern Airport Industrial District**  
Inyokern Blvd.  
Total Acreage: 40 acres  
Zoning: Light Industrial/Mixed

**LANCASTER**

**Antelope Valley Medical Main St**  
Ave J & 15th St W  
Total Acreage: 340 acres  
Zoning: Medical Office Professional

**Centerpoint Business Park**  
Ave J & Lowtree Ave  
Total Acreage: 9.5 acres  
Zoning: Office Professional

**Enterprise Business Park**  
Sierra Hwy & Ave L-4  
Total Acreage: 75 acres  
Zoning: Office/Light Industrial

**Fox Field Industrial Corridor**  
Ave H West of SR-14  
Total Acreage: 5,000 acres  
Zoning: Medium/Light Industrial

**Lancaster Business Park**  
Business Center Parkway & Ave K-8  
Total Acreage: 240 acres  
Zoning: Specific Plan

**North Valley Industrial Center**  
Ave H & Division St  
Total Acreage: 270 acres  
Zoning: Heavy Industrial

**Southern Amargosa Industrial**  
Ave L & M East of SR-14  
Total Acreage: 1,400 acres  
Zoning: Medium/Light Industrial

**The BLVD**  
Lancaster Blvd & 10th St W to Sierra Hwy  
Total Acreage: 9.5 acres  
Zoning: Commercial/Office Professional/Specific Plan

**MOJAVE**

**Mojave Airport**  
SR 58 & Flight Line  
Total Acreage: 3,300 acres  
Zoning: Industrial & Airport Uses

**Mojave Industrial Park**  
1334 Flightline Road 1500  
Zoning: Acres M1 / C2 / M2 / C1

**PALMDALE**

**Challenger Business Park**  
Palmtdale Blvd. & 5th St. W.  
Total Acreage: 10 acres  
Zoning: Commercial

**Fairway Business Park**  
Ave O & Division St  
Total Acreage: 115 acres  
Zoning: Business Park/Mixed

**Freeway Business Center**  
State Highway 14 & Ave N  
Total Acreage: 115 acres  
Zoning: Commercial

**Palmdale Industrial Park**  
Sierra Hwy & Ave. M  
Total Acreage: 400 acres  
Zoning: Industrial

**Palmdale Trade & Commerce Center**  
10th West & Rancho Vista Blvd.  
Total Acreage: 746 acres  
Zoning: Industrial & Commercial

**Park One Industrial Park**  
Rancho Vista Blvd. & 10th St. East  
Total Acreage: 10 acres  
Zoning: Industrial & Commercial

**SIERRA BUSINESS PARK**  
10th West & Ave M-4  
Total Acreage: 30 acres  
Zoning: Commercial

**Sierra Gateway Park**  
Ave O-8 & Sierra Hwy  
Total Acreage: 133 acres  
Zoning: Commercial

**Ridgecrest Business Park**  
China Lake Blvd. & Ward Ave  
Total Acreage: 63 acres  
Zoning: Professional/Light Industrial

**Ridgecrest Industrial Park**  
West Ridgecrest  
Total Acreage: 81 acres  
Zoning: Light Industrial/Mixed

**TEHACHAPI**

**Bailey Ave Industrial Park**  
Tehachapi Blvd. / Bailey Ave  
Total Acreage: 25 acres  
Zoning: M-1

**Capital Hills Business Park**  
Capital Hills Pkwy/Mills Road  
Total Acreage: 122 acres  
Zoning: M-2

**Goodrick Business Park**  
Dennison Rd Parkway/Goodrick Rd  
Total Acreage: 110 acres  
Zoning: Light Industrial/Mixed
The Spirit of Innovation

Innovation is alive and well along Southern California’s Leading Edge. In addition to its well-known expertise in aerospace, the region has shown the world new ways to create sustainable energy, developed cutting-edge manufacturing techniques and has turned a centuries-old agri-business around with groundbreaking new approaches. Come meet some of AV’s innovators.

INNOVATIONS IN AEROSPACE

Last October, Northrop Grumman won a coveted contract to develop and deploy a new generation of aircraft known as the long-range strike bomber. While few details have been revealed about the plane destined to replace the aging B-52, given Northrop’s experience, one can assume it will be stealthy, highly capable and keep Antelope Valley engineers and craftsmen busy for the next couple of decades building upwards of 100 of the leading edge aircraft.

At the other end of the spectrum, Monarch, Inc. of Ridgecrest is making big strides in creating small unmanned aircraft for agriculture, wind turbine and power line inspection, mapping and other applications. Using advanced 3D routers, printers and mills, the company fabricates durable and highly maneuverable drones. With extensive experience in navigating both FAA regulations and tough terrains, Monarch is setting new standards in the commercial use of unmanned aircraft.

The pioneers and mavericks found at the Mojave Air and Space Port continue to push the envelope, creating and testing radical ideas in flight. Home to Scaled Composites, The Spaceship Company and XCOR Aerospace, among others, these dreamers and doers are creating technology which will drive space and air travel to new heights and capabilities.

INNOVATIONS IN ENERGY

Blessed with abundant sunshine and consistent breezes, the Antelope Valley is a world-leader in the realm of renewable energy.

The Sierra SunTower, built by eSolar in Lancaster, is the first commercial-scale demonstration project of thermal solar power generation, where the sun’s energy is concentrated by mirrors to create steam, which in turn drives a turbine to generate electricity. Today it supplies Southern California Edison with enough clean, renewable energy to power some 4,000 homes.

BHE Renewables, a subsidiary of Warren Buffet’s Berkshire Hathaway Energy, operates the Solar Star projects which straddle the border between Los Angeles and Kern counties at the west end of the Antelope Valley. Together, these two photovoltaic solar farms are generating 579 megawatts of solar power for Southern California, enough energy to run a good-sized city of 250,000 people.

AnyWind Power, a subsidiary of Korea’s Pishon Energy headquartered in Palmdale, is developing modular wind turbines that scale from individual household use to large industrial applications. Using its patented technology, AnyWind’s designs are highly efficient, quiet and practical for a wide range of applications.

Meanwhile, KB Home is showing that new energy-efficient ideas aren’t reserved just for power companies. The innovative builder has introduced a DoubleZero home which saves both energy and water. In addition to being built with technologies which reduce power consumption to net zero, the home also recycles water for use in landscaping, reducing water use by upwards of 70%.

INNOVATIONS IN MANUFACTURING

Manufacturers are the backbone of the local economy. A number of companies are employing remarkable ideas and techniques to make gear that stand out from the crowd.
BYD Motors of China is the foremost manufacturer of all-electric transit buses. From two assembly plants in Lancaster, BYD is fabricating both emission-free vehicles and the long-range power cells which drive them all day long. Recently, the company won contracts to supply up to 800 buses to the state of Washington’s Department of Transportation.

Similarly, Japan’s Kinkisharyo is assembling light rail cars in Palmdale to meet the growing needs of LA Metro. The company is building 175 rail cars for the system’s Gold and Expo lines. Even more may be optioned to outfit the Crenshaw/LAX line.

Not all manufacturers in the Antelope Valley are as headline grabbing as BYD and Kinkisharyo. Some simply provide the parts and materials required to build the finished goods. Morton Manufacturing of Lancaster and Incotec of Mojave are two examples of such key suppliers.

Morton makes bolts – not your run of the mill construction fastener, but high strength, high precision bolts for use in aircraft turbines. With a customer list including Boeing, GE and others, Morton’s products are in great demand. A move to Lancaster doubled capacity.

Incotec formulates advanced coatings for aerospace applications. Customers include Boeing, Airbus and many other aircraft builders. Incotec creates coatings that prevent corrosion, add strength and help lubricate critical aircraft parts.

INNOVATIONS IN AGRICULTURE

One doesn’t usually think of agriculture as a high-tech industry, but in the case of Tehachapi’s SunSelect Produce it is definitely applicable. The company has developed innovative hydroponic techniques to grow high-value hothouse crops year-round. From water recycling to re-introduction of waste CO2 as fertilizer to natural air heating, cooling and re-circulation systems, SunSelect is committed to sustainable growing practices.

This innovative spirit is found throughout the region. You’ll find it in the creativity of school programs emphasizing science and technology, in the entrepreneurship thriving in our small businesses and in the can-do attitude of forward-thinking leaders in both the public and private sectors who are making us exemplars of innovative design, development and delivery.

All of which strengthen our claim to being Southern California’s Leading Edge.
SUNSELECT GROWS VEGETABLES WITH NEW & INNOVATIVE TECHNOLOGY

In a world that has their focus on eating healthy and making the most out of the smallest available areas, it is important to find the right source for all your vegetable needs. SunSelect is a 64 acre hydroponics greenhouse, which grows peppers and tomatoes. In 2015 the company expanded its 32 acre greenhouse located in Ridgecrest, California to 64 acres. SunSelect innovative methods such as green carbon capture for their produce to help make sure they are providing the best product for their consumers.

What is green carbon capture?
Green carbon capture is a process that involves the capturing of harmful CO2 gasses that is released into the atmosphere and utilizing them by delivering them directly into greenhouses where vegetables consume these CO2 gasses. Green carbon capture is an innovative way the company uses the most environmentally friendly method to help reduce the amount of CO2 that gets released and in the same time, help produce healthier and fresher vegetables.

What green carbon capture does for our world?
CO2 gasses greatly contributes to global warming and where the leading CO2 controlling methods involve burying these gasses under the sea, greenhouses eliminate the gasses and helps produce O2 which greatly reduces global warming and improves the quality life of people and reduces the carbon footprint that is left behind on our beautiful world.

SunSelect uses a natural pesticide
Insects like bees and butterflies are needed for the pollination of flowers which enables plants to produce vegetables. There are however a lot of insects that could harm vegetables. These harmful insects are controlled with a very natural method. SunSelect employed the help of predatory insects such as praying mantis to help control pests inside the greenhouses. This method of pest controlling is known as integrated pest management and is by far the healthiest way to keep vegetables safe without the use of chemicals that could harm people.

SunSelect vegetables are healthy and safe
The vegetables produced by SunSelect are a new innovation. A lot of research has to be done when new and innovative technology is used for the production of vegetables. SunSelect’s greenhouses are certified greenhouses which mean that the vegetables are grown according to strict standards. These standards ensure consumers that the food is safe, created under controlled hydroponic conditions and that sustainable indoor growing practices are conducted. Even the vegetable packaging and handling are conducted by trained personnel who handle the vegetables according to strict regulations and without the use of any harmful chemicals. The vegetable’s growth is monitored and controlled on a permanent basis and the greenhouse protects the vegetables from pollution, wildlife and contaminants so you can enjoy premium quality vegetables.

Story contributed by Saharra White, Greater Antelope Valley Economic Alliance Special Projects Coordinator

Los Angeles County Crop Report
Value of agricultural production: $229,686,710
Top five crops, by value:
Woody Ornamentals .......... $80,883,000
Root Vegetables .............. $52,331,000
Bedding Plants ............... $23,061,000
Alfalfa Hay ................. $13,212,000
Dairy & Livestock ............ $11,467,000

Kern County Crop Report
Value of agricultural commodities: $7,552,323,690
Top five commodities for 2014:
Grapes .................................. $1,718,183,000
Almonds ............................. $1,488,182,000
Milk ..................................... $915,124,000
Citrus ................................. $892,874,000
Cattle & Calves .............. $428,854,000
Which make up more than $5 Billion of the Total Value.
Statistics: 2014 kernag.com

U.S. Department of Agriculture Service Center
44811 N. Date Ave. Ste. B, Lancaster, CA 93534-3152
Phone: (661) 942-9549
Fax: (661) 942-5503

County Agricultural Commissioner
12300 Lower Azusa Rd., Arcadia, CA 91006
Phone: (626) 575-5451
Fax: (626) 350-3243
Website: cwm.co.la.ca.us

U.C. Cooperative Extension
County Farm Advisor
4800 E. Cesar E. Chavez Ave., Los Angeles, CA 90022
Phone: (323) 260-2267
Fax: (323) 260-5208
Website: celosangeles.ucdavis.edu
AEROSPACE

NASA ARMSTRONG FLIGHT RESEARCH CENTER

The Armstrong Flight Research Center is NASA’s primary center for atmospheric flight research and operations. NASA Armstrong is chartered to research and test advanced aeronautics, space and related technologies that are critical to carrying out the Agency’s missions of space exploration, space operations, scientific discovery, and aeronautical research and development.

Located at Edwards, California, in the western Mojave Desert, Armstrong is uniquely situated to take advantage of the excellent year-round flying weather, remote area and visibility to flight test some of the nation’s most unique aircraft and aeronautical systems, as well as conduct flight operations for a wide variety of airborne science missions.

This past year NASA’s Armstrong Flight Research Center at Edwards Air Force Base, California, helped advance the agency’s overall missions of aeronautics research, Earth and space science and aerospace technology. Established in 1946, Armstrong is NASA’s center of excellence for atmospheric flight research.

2015 Milestones:

- **In February**, researchers used a technique called Air-to-air Background-Oriented Schlieren (AirBOS) to photograph a supersonic T-38 against a tumbleweed-studded desert backdrop using special cameras mounted on the underside of a subsonic King Air twin-prop aircraft. Researchers continue to refine techniques for capturing images of shock waves generated by supersonic airplanes using schlieren photography.

- **In June**, the observatory (a Boeing 747SP jetliner modified to carry a 100-inch (2.5-meter) diameter telescope), was able to capture a special celestial event as Pluto passed directly between a distant star and the Earth on the morning of June 30, New Zealand time. This event, known as an “occultation,” caused a faint shadow of Pluto to move across the surface of Earth at more than 53,000 mph, creating a ripe opportunity for the SOFIA team to perform scientific analysis of the dwarf planet’s atmosphere.

- **In September**, five educators participating in the ambassador program boldly went where no ambassadors had gone before – into the stratosphere with Nichelle Nichols, actress, cultural icon, and science advocate. Playing Lt. Uhura on Star Trek, the first major African American female role on TV, Nichols used her role to touch the lives of many people, a responsibility she carried out with purpose by recruiting women and underserved candidates for NASA and science careers. Nichols continued this commitment as she flew on SOFIA, and promoted the program by hosting a live Twitter chat from onboard the plane.

- **Armstrong is the host center for the Unmanned Aircraft Systems Integration in the National Airspace System project**, one of the nation’s most important research efforts for improving safety and reducing technical barriers and operational challenges associated with flying unmanned aircraft in airspace shared by commercial and civil air traffic. The third phase of flight-testing was completed this year. Equipped with a prototype system of DAA sensors working in concert with airborne and ground-based computers, Armstrong’s Ikhana UAS made 11 flights involving more than 200 scripted encounters with approaching aircraft.

BOEING COMPANY - Greater Antelope Valley

Boeing is the world’s leading aerospace company and the largest manufacturer of commercial jetliners and military aircraft combined. Additionally, Boeing designs and manufactures rotorcraft, electronic and defense systems, missiles, satellites, launch vehicles and advanced information and communication systems. As a major service provider to NASA, Boeing is the prime contractor for the International Space Station. The company also provides numerous military and commercial airline support services. Boeing provides products and support services to customers in 150 countries and is one of the largest U.S. exporters in terms of sales. Headquartered in Chicago, Boeing employs more than 165,000 people across the United States and in 65 countries. Total company revenues for 2014 were a record $90.8 billion.

In the Antelope Valley, Boeing conducts ground and flight testing of both military and commercial products. In 2015, Boeing had been integral in testing visiting programs and airframes in the region. Included are the Italian Air Force’s KC-767 Tanker; the Boeing KC-767 2C the early variant of the Air Force’s next generation Tanker, KC-46 Pegasus; and the US Navy’s P-8A Poseidon ASW (anti-submarine warfare) aircraft. 2016 promises to be a busy year with the arrival of the KC-46 for flight test; initial testing of the 737 Max; latest model of the Dreamliner, 787-10; and the return of both the P-8 and Italian KC-767.

Through its Global Corporate Citizenship and the Employees Community Fund of Boeing California, the Company supports the Antelope Valley region with charitable program investments through nonprofit agencies such as: Community Partners for Associates in Learning and Leadership, Jewish Vocational Services, Special Olympics Southern California, The Catalyst Foundation, United Way of Greater Los Angeles, Antelope Valley Family YMCA, Lancaster Community Service Foundation, Learning for Life, Painted Turtle, Edwards AFB Civilian-Military Support Group, and the Mojave Environmental Education Consortium.

In 2016, The Boeing Company celebrates its centennial. The Company looks forward to another 100 years of connecting and protecting people globally through transportation, communication, and security products and services.

For additional information about The Boeing Company, please visit: www.boeing.com

ECONOMIC ROUNDTABLE REPORT | 29
LOCKHEED MARTIN

Lockheed Martin is a global security and aerospace company that employs approximately 126,000 people worldwide and more than 3,000 people locally. The Antelope Valley location is home to the iconic Skunk Works® known for solutions that push the state of the art in support of the nation’s most pressing needs. Working advanced development projects, the Skunk Works team is focused on rapid prototyping, design, development, manufacture, integration and sustainment of manned and unmanned aircraft systems. Employees are very active in the community with emphasis working to inspire students to pursue careers in the technology arena and in support of military and veterans causes.

Lockheed Martin is proud of its more than 100-year partnership with the good people of the state of California.

NAVAL AIR WEAPONS STATION – CHINA LAKE

NAWS China Lake installation is the Navy's largest single landholding, representing 85 percent of the Navy’s land for RDAT&E use and 38 percent of the Navy’s land holdings worldwide. In total, its two ranges and main site cover more than 1.1 million acres, an area larger than the state of Rhode Island.

The roughly $3 billion infrastructure of the installation is comprised of 2,132 buildings and facilities, 329 miles of paved roads and 1,801 miles of unpaved roads. The 19,600 square miles of restricted and controlled airspace at China Lake makes up 12 percent of California’s total airspace and provides an unprecedented venue for integrated testing and training of today’s war-fighter.

The workforce at China Lake is a mixture of military, civilians and contractors that are employed across multiple tenant commands. There are approximately 694 active duty military, 4,471 civilian employees and 1,850 contractors’ employees that work at the installation.

EDWARDS AIR FORCE BASE

The 412th Test Wing is the host wing for Edwards Air Force Base. Edwards AFB is 308,000-acres, or 481-square miles in area, in Kern, Los Angeles and San Bernardino counties. The Test Wing plans, conducts, analyzes and reports on all flight and ground testing of aircraft, weapon systems, software and components, as well as modeling and simulation for the Air Force. The Wing has three core flight test mission components: flying operations, maintenance and engineering. Edwards AFB is also the home of the Air Force Test Pilot School. The Wing also oversees the base’s day-to-day operations and provides support for more than 9,700 military, federal civilian and contract personnel. Major tenants include NASA Armstrong Flight Research Center, and Air Force Research Laboratory’s Aerospace Systems Directorate.

2015 Milestones:

Significant milestones for the 412 TW in FY15 included execution of successful test programs for major weapons systems including; the F-35, KC-46, F-22, C-17, B-1, B-2, B-52, KC-135, Global Hawk UAV, support for Foreign Military Service programs for the F-16 and F-15 Saudi Arabia, and preparation for future test missions facilitated by completion of the F-16 Consolidation, and F-22 Relocation contract.

QUICK FACTS

EDWARDS AIR FORCE BASE

AIR FORCE FLIGHT TEST CENTER:

<table>
<thead>
<tr>
<th>Military Personnel</th>
<th>1,927</th>
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<tr>
<td>(Active, Reserves/Nati. Guard, etc.)</td>
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<tr>
<td>Civilian Personnel</td>
<td>7,847</td>
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<td>Family Members</td>
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<td><strong>TOTAL PERSONNEL</strong></td>
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<table>
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<tr>
<th>Military Pay</th>
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<tr>
<td><strong>TOTAL PAYROLL</strong></td>
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Estimated indirect jobs created locally: 11,453
Average Annual Pay: $58,015
Total Payroll: $520,109,326
Contract Expenditures: $304,285,876
Estimated Total Value of Jobs Created: $664,445,795

COMBINED ECONOMIC IMPACT:

| **$1.49 Billion** |

*As reported in the 2014 Economic Impact Analysis*
CALIFORNIA CITY MUNICIPAL AIRPORT - California City Municipal Airport (L71), 6,045’x75’ main runway offers opportunity to aviation enthusiasts and businesses within 100 mile radius with ease of access via air, three major highways, a stand-alone air quality district for East Kern County and the 40-acre industrial park. Located within the Edwards 2508 Military Operating Area makes it a prime location for Flight Test Development.
http://www.airnav.com/airport/L71

FOX AIRFIELD - Located in the City of Lancaster, General William J. Fox Airfield facilitates:
• 58,000 general aviation takeoffs and landings each year.
• Publicly available to general aviation aircraft 24/7.
• Home to over 200 based aircraft, a restaurant, and several aviation related businesses. Additionally, the airport is home to the U.S. Department of Forestry's local air tanker base as well as an aviation museum.

The airport has an operating Air Traffic Control Tower, a single 7,201’ by 150’ runway equipped with runway end identifier lights (REIL s), pilot controlled medium-intensity runway lighting (MIRL s) and a precision approach path indicator (PAPI s), full- and self-service fueling services (JetA and 100LL ), and an Automated Surface Observing System (ASOS) reporting weather conditions 24-hours a day.

3rd Annual LA County Air Show Returns March 19-20, 2016 to Fox Airfield!

The United States Navy Blue Angels Demonstration Squadron will roar across the skies as the headlining act of the 2016 Los Angeles County Air Show which will return to Fox Airfield on March 19-20, 2016. Other performers will include the Texas Flying Legends and “Tora! Tora! Tora!” a tribute in remembrance of the 75th anniversary of Pearl Harbor. The Texas Flying Legends is making its debut performance in California at the 2016 Air Show and will perform choreographed routines of formations and simulated dog fighting while telling the story of the war in the Pacific. The performance aircraft includes the B-25J “Betty’s Dream,” A6M2 Zero, FG-1D Corsair, TBM-3E Avenger, P-40K “Aleutian Tiger,” and P-51D “South Dakota Kid II.”

For more updates and information, please visit www.lacountyairshow.com or follow the LA County Air Show on Facebook and Twitter (@LACountyAirShow).

Fox Airfield is one of five general aviation airports managed by LA County Department of Public Works. For more information visit: www.dpw.lacounty.gov/avi/airports/GeneralWMJFox.aspx

INYOKERN AIRPORT - Inyokern Airport is a public use airport serving the northeastern communities of Kern County, CA. The airport covers 1,640 acres at an elevation of 2,457 feet, with three asphalt paved runways that can accommodate almost any class of civilian, commercial or military aircraft.
• Unrivaled test sites under the largest contiguous block of unrestricted airspace in the nation (22,000 miles or 12% of California's total airspace).
• 350 Clear flying days a year
• Desert, mountain and maritime environments
• One million acres of California desert

Inyokern Airport provides a playground to intrepid aviators, film crews, military and high-tech testing operations, and supporting some of the greatest milestones in manned and unmanned flight.
www.InyoKernAirport.com

MOJAVE AIR & SPACE PORT - The World’s Premiere Flight Test Facility! The 3300 acre Mojave Air and Space Port has amassed more first flights and significant newsworthy flight activity than any other airport in the world over the past ten years. Currently home to more than 70 companies Mojave Air and Space Port and industrial park might very well be a future destination for your business.
• Upgraded infrastructure, 3,000 feet of runway and integrated a new commercial development taxiway system.
• Our upgraded rail infrastructure and switch engine moves product
• in/out of Mojave Air and Space Port with 34 daily rail car shipments through a license agreement with Union Pacific.
• Home to the National Test Pilot School (accredited in 2006), where more test pilots are educated than any other site in the world.

Flight research activities include endo- and exo-atmospheric craft supporting private sector and government funded projects. www.MojaveAirport.com

PALMDALE REGIONAL AIRPORT - The City of Palmdale assumed control of the airport December 2013, managing it via the Palmdale Airport Authority, and is currently developing a joint use agreement with the United States Air Force at Palmdale Plant 42.

Located just 60 miles from downtown Los Angeles, the airport will play a central role in Palmdale’s future transportation plans. Positioning itself to be an intermodal center unlike any other in the world, plans are underway to bring the airport, two high speed rail systems (California High Speed Rail CHSR and Xpress West from Las Vegas), two freeways, Metrolink rail, Amtrak, AVTA and Greyhound all together converging and connecting in Palmdale.

ROSAMOND SKYPARK AIRPORT - A privately-owned and operated residential skypark located in Southern California’s Antelope Valley (AKA “Aerospace Valley”). Our FAA designator is L00 (Lima-Zero-Zero), is open for public use, and features a paved 3,600-foot (1,100 m) runway.
http://www.skypark.org

TEHACHAPI MUNICIPAL AIRPORT - At an elevation of 4,001 feet, Tehachapi’s Municipal Airport is known as the corridor to Northern and Southern California! Located at the southern end of the Sierra Nevada Mountains, Tehachapi is an ideal spot to stop for some of the most affordable fuel in California, and as a place to locate your business. Next door to the renowned Mojave Air and Space Port, we’re aviation friendly with over 100 acres of developable land in a prime location for light industrial manufacturing.
CAL PORTLAND CEMENT - MOJAVE - CalPortland (CPC) is the oldest continually producing Portland cement company west of the Rocky Mountains. It was founded in 1891 with the opening of the Colton, California Plant. Today, Colton is one of three plants owned by CPC. The other two are at Mojave, California and Rillito, Arizona. From its early years, CPC has remained a leader in the industry through its commitment to quality unsurpassed, technical superiority, and customer service. From the largest producer of sand, gravel and quarry rock in the Pacific Northwest supplying the construction industry in Washington, and Oregon to as far away as British Columbia and Alaska. www.calportland.com

GOLDEN QUEEN MINING, HISTORY IN THE MAKING - MOJAVE - Golden Queen is developing the Soledad Mountain Project, a fully-permitted, open pit, heap leach gold and silver project located just outside the town of Mojave in Kern County. The Project will use conventional open pit mining methods and the cyanide heap leach and Merrill-Crowe processes to recover gold and silver from crushed, agglomerated ore.

With just shy of 100 employees in place and construction nearing completion, Golden Queen Mining Company is prepared for production of gold and silver in February 2016.

The milestone is a significant one as the historic mining project, shuttered for decades, is positioned to be a dynamic economic stimulus in the Antelope Valley for many years to come.

Development of the mine is a joint venture between Golden Queen Mining Company, Ltd., and Gauss LLC and came on the heels of the state issuing final permitting approval in 2012.

This historic mine, which first operated in the 1930’s, was resurrected when rising gold prices made the project feasible. The Company looks forward to a long tenure in Mojave and bringing economic vitality to the entire region. www.GoldenQueen.com

GRANITE CONSTRUCTION - LITTLEROCK, PALMDALE, ARVIN & INYOKERN - Since 1922 Granite has been producing aggregate materials used in local infrastructure; including notable projects such as the California Aqueduct, the first roads in Yosemite, and Edwards AFB’s runways. Granite’s crushed rock and hot mix asphalt products can be found everywhere in our local community from the roads and airfields we use for transportation to the foundations, water management and flood control systems which protect our quality of life. Highways, transit systems, railroads, airports, water distribution systems, energy supplies, and seaports built by Granite drive our economy and support our quality of life.

Granite is also a leader in sustainable construction, integrating recycled materials in the construction materials (such as recycled base or recycled asphalt product) into their products. Granite Construction is recognized as one of the largest diversified construction companies and is a full-service general contractor, construction management firm, and construction materials producer. www.graniteconstruction.com

RIO TINTO – BORON - Rio Tinto Minerals (RTM) operates California’s largest open pit mine in Boron, California. The mine contains one of the richest borate deposits on the planet and supplies over 30 percent of the world’s demand for refined borates. While boron is present everywhere in the environment, substantial deposits of borates are relatively rare. These minerals are essential to life and modern living. RTM roots stretch back to 1872 when company founders began mining borates in Nevada.

These pioneers discovered borates in Death Valley in 1881 and used teams of twenty mules and giant wagons to haul them 165 miles to the nearest railroad in Mojave, California.

Boron began as an underground mine in 1927 and was transformed into an open pit mine in 1957.

Borates are minerals that contain boron, the fifth element on the Periodic Table. Borates are basically salts and are essential to life – plants need borates to grow and they are part of a healthy diet. Borates can also be found in a wide variety of products including:
- Fiberglass, wood preservatives and ceramics used to make homes safer and more energy efficient
- Heat-resistant glass used in flat-screen televisions and laptop computers
- Textile fiberglass used in sporting equipment and wind energy systems
- Fertilizers that help farmers increase crop quality and yield

Boron Operations is recognized as one of the safest mining operations in the United States.

The global team is made up of around 1000 employees, with over 60% employed at our Boron Operations

The mine measures 2 miles (3.2 kilometers) long, 1.75 miles (2.8 kilometers) wide, and 755 feet (230 meters) deep

The operation mines about three million tons of ore per year to produce about one million tons of refined products

Processing plants produce borax pentahydrate, borax decahydrate, and boric acid from tincal and kernite ore feedstocks; fusing plants also produce anhydrous borate products

Products are shipped to customers in more than 100 countries via truck, rail, barge and ocean-going vessels

Each haul truck costs more than $1 million and can carry 240 tons of material

RTM is recognized as a world leader in borate supply and science. Most of the operational processes that set the standard for borate production were developed or first adopted at Boron Operations.

Boron Operations has been partnering with local communities for nearly 90 years and contributes more than $150 million to the local economy annually.

On December 15, 2015, the International Longshoremen Workers Union (ILWU) Local 30 represented employees, ratified a five year extension of the collective bargaining agreement. www.borax.com

SEARLES VALLEY MINERALS - TRONA - Searles Valley Minerals manages extensive operations in California’s Searles Valley. Power and production facilities cover more than 339 acres at the Argus, Trona and Westend plants in California. Searles Valley Minerals processes brine solutions from Searles Lake to produce boric acid, sodium carbonate, sodium sulfate, several specialty forms of borax, and salt. Unlike other mining techniques such as open pit mining, our three facilities in Searles Valley use a unique, ecologically friendly process that starts with solution mining. www.svminerals.com
THE CREATIVE ECONOMY
Motion Pictures, Film, Music

AV FILM OFFICE
2015 Permit count = 518 Production Days
Commercials: ............................... 103
Television: .................................... 54
Features: ..................................... 93
Photography: ................................. 32
Music Videos: ................................. 63
Miscellaneous *: .............................. 73
(* = student projects, industrial videos, director’s reel, etc.)

Production in California is on the rise thanks to the expanded California Film and Television Tax Credit. Of major importance, this tax credit incentive now provides a 5-percent “uplift” for productions filming outside the “TMZ” – The Thirty Mile Zone. That’s good news for Antelope Valley film locations that sit outside the zone.

Other good news... Los Angeles continues to dominate entertainment production in the US. Expected growth reflects the public’s demand for content and the many platforms available for distribution like tablets and smart phones offering quality viewing experiences.

All this is very good news and presents an opportunity to grow on-location filming in the Antelope Valley. The future looks bright for the “closest desert” to Hollywood.

2015 MILESTONES:
• Completed a successful lobby effort as a Member of the California Film and Television Production Alliance (comprised of MPAA, DGA, Industry Unions as well as other stakeholders) to ensure the passage of AB 1839 “The California Film and Television Job Retention and Promotion Act.”
• Completed first phase of the AV Film Office build-out to include production and casting office space.

AV Film Office will continue to stand as point agency for the entertainment industry overseeing every project is served in a film-friendly, film ready fashion. To provide the best customer service building North LA County’s reputation that will sustain through the coming years to maximize economic benefits.

www.avfilm.com
www.filmlma.com
www.film.ca.gov

KERN FILM OFFICE
In 2015 the Kern County Film Commission had a total of 193 permits. The permits included productions for Chevron, BMW, GMC, Johnny Walker, The Big Bang Theory, Jay Leno’s Garage, and Justified.

Photography ................................... 22
Feature Film .................................... 12
TV Show ...................................... 18
Commercial .................................... 64
Other ............................................. 36
Documentary ................................... 9
Music Video .................................... 15
Industrial/Corporate Video .................. 11
Student Film .................................... 6

RIDGECREST FILM COMMISSION
The Ridgecrest Area Convention and Visitor’s Bureau (RAC VB), along with the Ridgecrest Film Commission, provides marketing synergies with tourism promotion. By offering a diverse and wide range of natural beauty from spectacular geological formations to desert fauna, Ridgecrest provides some of the most breathtaking scenery that you’ll see in California. With hands-on support for production personnel, the RAC VB stands ready to make filming easy. www.racvb.com

“When filming comes to Ridgecrest, it engages business, crews, vendors, hotels, restaurants, tourism and locals. The economic impact for the region is huge, bringing millions of dollars in local spending, not to mention the incredible exposure of the area.” says Doug Lueck, Executive Director of the RAC VB.

FILM PERMITS ISSUED:
Feature Films (Incl: Fast and Furious 7): ........ 5
T.V. & Cable Series (Incl: ABC’s A.G.E.N.T.S of SHIELD): .................................. 4
Music Videos: .................................... 7
Still Photo Shoots (Incl: GQ & Truck Trend Magazines, Land Rover): .................................... 9
Car Commercials (Incl: BMW X1, Mercedes Benz, Acura): ............................................. 12
Other: ............................................. 11

California Film & Television Tax Credit Program
The California Film Commission is currently developing regulations, program guidelines and other procedures to administer the newly expanded film and TV tax credit program. For more information go to www.film.ca.gov/Incentives.htm

ELIGIBLE FOR 20% NON-TRANSFERABLE TAX CREDIT (plus 5% Uplift *)
• Feature Films: $1 million minimum budget; credit allocation applies only to the first $100 million in qualified expenditures.
• Movies-of-the-Week and Miniseries: $500,000 minimum budget
• New television Series for any distribution outlet; $1 million minimum budget per episode (at least 40 minutes per episode, scripted only)
• TV Pilots: $1 million minimum budget (at least 40 minutes)

ELIGIBLE FOR 25% TRANSFERABLE TAX CREDIT (maximum credit is 25%, uplifts do not apply)
• Independent Projects: $1 million minimum budget; credits apply only to the first $10 million of qualified expenditures. (Only independent projects may sell their tax credits.)
• Relocating TV Series, any episode length, that filmed its most recent season outside California; $1 million minimum budget. (Additional seasons are eligible for 20%.)

* 5% CREDIT UPLIFT
Non-Independent productions are eligible for an additional 5% in tax credits (“Uplifts”) if spending occurs in any of all of the 3 categories listed below.
• Filming outside the Los Angeles 30-mile zone + 5%
• Music Scoring and music track recording expenditures + 5%
• Visual Effects expenditures (minimum spend required) + 5%
ANTELOPE VALLEY TRANSIT AUTHORITY
100% Green in 2018
The Antelope Valley Transit Authority (AVTA) has set an ambitious goal to become the first fully electric bus fleet in the nation by the end of 2018. The AVTA Board of Directors voted unanimously to adopt this goal as part of an ongoing effort to position AVTA as public transit’s national leader in zero emission bus deployment.

“This is a huge undertaking but one the agency has been preparing for over the past two years,” stated Chairman Marvin Crist. “The Antelope Valley has earned a worldwide reputation for its commitment to sustainability through solar power and it’s only fitting that we should be the first region to have a fully electrified bus fleet.”

AVTA has been aggressively seeking grant funding for zero emission buses through the State of California’s Cap and Trade program, which is dedicated to reducing greenhouse gas emissions to 1990 levels by the year 2020. The board’s commitment to a fully electrified fleet places AVTA in a strategic position to gain additional grant funds as state officials are interested in evaluating the performance of a totally electric transit system.

In June, the agency was awarded $24.4 million by the Californian State Transportation Agency to help purchase 29 electric buses and install electric charging infrastructure for up to 85 vehicles. With the inclusion of matching funds, the agency intends to invest nearly $40 million to purchase 13 60-foot battery electric articulated buses and 16 battery electric commuter coaches. These zero emission buses would replace nearly half of AVTA’s diesel fleet.

Currently, AVTA is moving forward with plans to install wireless charging stations at Lancaster City Park and at the Palmdale Transportation Center, AVTA’s two main transfer locations.

“Not only are we “Leading the Way” with zero emission vehicles, but we are also on the cutting edge of wireless charging technology which will enable the bus’ batteries to last a full service day,” stated Executive Director Len Engel. “Our goal is aggressive but I believe our staff is up for the challenge and we have the board support we need to bring this vision to fruition.”

AVTA currently operates two electric buses and 73 diesel buses on 11 local routes and four commuter routes. The agency provides local, commuter, and dial-a-ride service to a population of more than 450,000 residents in the cities of Lancaster and Palmdale as well as the unincorporated portions of northern Los Angeles County. Its total service area covers 1,200 square miles and it is bounded by the Kern County line to the north, the San Bernardino County line to the east, the Angeles National Forest to the south, and Interstate 5 to the West.

AVTA ADOPTS A NEW LOOK!
AVTA buses will soon be showcasing an entirely new look! A bold paint scheme and creative graphic artwork have been combined to come up with an exciting redesign that showcases the valley’s unique elements. Poppies and aerospace will be featured against a darker more vibrant blue background to simulate the desert’s big skies. As many as 40 of the system’s 75 buses will be sporting the new look by the end of this year. AVTA’s new fleet of electric buses will feature the paint scheme along with six of the agency’s diesel commuter coaches which are slated for refurbishment this summer. The system’s two BYD electric buses, which now feature the POWER On vinyl graphic artwork, will be stripped and painted with the new look. AVTA’s Graphic Artist Nate Pitkin developed the paint scheme and artwork with input from the Board of Directors.

The 2015 milestones are as follows:
- AVTA was awarded $24.4 million to purchase 29 battery electric buses
- Conducted a comprehensive Fare Analysis and implemented new fare structure
- Rolled out the Senior Annual Pass Program to provide free annual passes to seniors
- Rolled out the Rider Relief Program to provide fare subsidies to low income residents

Employment
AVTA and Transdev work together to provide transit service to the community and together they employ over 220 people
- AVTA employs 37 people – administrative
- Transdev employs 190, primarily drivers and maintenance workers

Operating Budget FY16 $23.8 Million

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<th>Ridership</th>
<th>FY11</th>
<th>FY12</th>
<th>FY13</th>
<th>FY14</th>
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<td>Commuter</td>
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<td>Dial-A-Ride</td>
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<td>31,824</td>
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METROLINK

As Southern California’s premier regional rail system, we do everything in our power to provide high-quality, dependable, on-time service. This commitment to excellence is a promise our riders have the right to expect. Routes from the Antelope Valley are available 7-days a week. Check the schedule for details.

A. V. Line

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<th>Number of Trains</th>
<th>Average Daily Ridership</th>
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Daily Station Boardings

Average Weekday Ridership 2015

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<td>Glendale</td>
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Source: www.metrolinktrains.com/agency/page/title/facts

CALIFORNIA HIGH SPEED RAIL

By 2029, the system will run from San Francisco to the Los Angeles basin in under three hours at speeds capable of over 200 miles per hour. The system will eventually extend to Sacramento and San Diego, totaling 800 miles with up to 24 stations. Included in the project is a statewide rail modernization plan for existing infrastructure.

“It is part of our vision as an intermodal transportation hub unlike any place in the world, with two high speed rail systems, an airport, the High Desert corridor, Antelope Valley Freeway, Metrolink, Amtrak, and AVTA all converging in Palmdale.” Palmdale Mayor Jim Ledford, Jr.

Four major activities are underway now:
1. Construction of the backbone of the high-speed rail system in the Central Valley (Fresno station).
2. Planning and/or environmental clearance of the remainder of the Phase 1 System.
3. Planning for the Phase 2 System.
4. Implementation of a statewide rail modernization plan, investing billions of dollars in local and regional rail lines.

PROPOSED HIGH DESERT CORRIDOR

The High Desert Corridor (HDC) project is considering construction of a new multi-modal link between State Route (SR)-14 in Los Angeles County and SR-18 in San Bernardino County. This project would connect some of the fastest growing residential, commercial and industrial areas in Southern California, including the cities of Palmdale, Lancaster, Adelanto, Victorville and the Town of Apple Valley.

Goals of the project include:
- Address current and future regional growth
- Improve east-west mobility
- Enhance safety
- Improved connections between regional airports and efficient movement of goods

Source: www.metro.net/projects/high-desert-corridor
The residents of the greater Antelope Valley know what having water discipline feels like. Our water assets and infrastructure are in great condition as a result. Success in this endeavor is in large part due to the cooperative spirit from our regional water providers to find reasonable solutions that work.

WATER

SEEING THE RELIABILITY, RESILIENCE & DIVERSITY OF THE GREATER ANTELOPE VALLEY

As the High Desert region of the Southern California began to gain popularity in the 1930’s for its out-of-the-way small town feel from Hollywood, water became a focal point for prosperity and family livelihood. With the help of a burgeoning aerospace industry, our valley saw a rapid need to develop residential neighborhoods and local businesses to support the families settling throughout the region. The small community water purveyors within the “Aerospace Valley” quickly began to feel the need to provide more water at a faster rate to their residents.

Water has always been a scarce resource due to the arid environment of Southern California. The majority of the state’s precipitation falls on the slopes of the northern mountain ranges, yet most of the population and irrigated farmlands are located in the drier, southern half, of the state. The communities here rely on the winter snowpack and rain to refill California’s streams, rivers, and lakes. Then, the California Aqueduct is used to move billions of gallons of water to the south to ensure that our valley’s residents and businesses have enough water to thrive.

Our state is currently experiencing one of the worst droughts in recent history, yet the 2016 water year is off to a good start. While Californians’ attention is driven to the extreme conditions of flood and drought, given strong El Niño conditions in the Pacific Ocean, the water suppliers of the greater Antelope Valley are building further on a diversified water portfolio. A significant part of this portfolio is water supply from local groundwater wells.

Following 16 years of litigation in the courts, local cities, governing counties, the valley’s farmers and land owners, along with the region’s water agencies became a part of the solution to local groundwater pumping. The final settlement approved by the court will help to clarify the right to pump water from local wells. All of the valley’s groundwater is within a “closed basin”. The water that either falls here or runs off from the various mountain ranges, is absorbed into the ground or evaporates. Managing this vital resource by creating a level playing field, where all parties have an allocated amount of water to pump and use, is a step that will ensure long-term water reliability.

The ever-renewing sense of responsibility to community and to the delivery of high-quality drinking water is an important aspect in making the greater Antelope Valley prosper. Growing is important, but managing our resources within a balance of residential, commercial, and municipal need is imperative. This balance is found in the reliability, resilience, and diversity of the greater Antelope Valley.

AMONG THE MOST COMPETITIVE WATER RATES IN THE COUNTRY

- Antelope Valley bill based on estimated average of three (3) largest retailers. Source: Retailers & Water Rates Audit 2014 Ca State Auditor.
- Single & Multi-family residential, (4) people per household using 150 gallons/person/day.
- National data source: Circle of Blue’s 2015 Water Pricing Survey

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- Antelope Valley CA 46.14

AVERAGE MONTHLY WATER BILL - 2015 Based on 150 gallons per person per day

Discipline is the bridge between goals and accomplishment.

Jim Rohn
California Renewable Energy Update
Governor Brown signed the Clean Energy and Pollution Reduction Act of 2015, which establishes targets to increase the Renewables Portfolio Standard (RPS) to 50 percent by 2030 from the retail sales of renewable electricity.

The CPUC’s California Solar Initiative (CPUC ruling - R.04-03-017) moved the consumer renewable energy rebate program for existing homes from the Energy Commission to the utility companies under the direction of the CPUC. This incentive program also provides cash back for solar energy systems of less than one megawatt to existing and new commercial, industrial, government, nonprofit, and agricultural properties. The CSI has a budget of $2 billion over 10 years, and the goal is to reach 1,940 MW of installed solar capacity by 2016. The Energy Commission’s New Solar Homes Partnership, a $400 million program, offers incentives to encourage solar installations, with high levels of energy efficiency, in the residential new construction market for investor-owned electric utility service areas. The goal of the NSHP is to install 400 MW of capacity by 2016.

Learn more at www.energy.ca.gov/renewables/

BHE Renewables – Rosamond and west Lancaster
Situated in the heart of the renewable energy corridor in California’s Antelope Valley, the colocated 586-megawatt Solar Star projects are among the largest solar photovoltaic projects in the world. The projects span 3,200 acres in Kern and Los Angeles counties and are under long-term power purchase agreement with Southern California Edison.

The projects are owned by BHE Renewables, an industry leader in ownership of renewable energy generation. The Solar Star projects utilize approximately 1.7 million SunPower monocrystalline silicon modules that are mounted on single-axis tracking technology and generate electricity with no emissions or waste.

It is estimated that the Solar Star projects displace 570,000 tons of carbon dioxide annually and have the potential to power approximately 255,000 average California households. BHE Renewables is proud to be a member of the local communities near its projects and is constructing a 10,000 square-foot operations and maintenance building near Rosamond, California.

BHE Renewables is a subsidiary of Berkshire Hathaway Energy, a global energy provider. Since 2012, BHE Renewables has invested extensively in solar, wind, geothermal and hydro projects. As a long-term owner of assets, the company’s photovoltaic solar projects include the 550-megawatt Topaz Solar Farms in San Luis Obispo County, Calif.; the 586-megawatt Solar Star projects; and a 49 percent ownership interest in the 290-megawatt Agua Caliente project in Yuma County, Ariz.

To learn more, click on https://www.bherenewables.com/include/pdf/fact_sheet_solar_star.pdf

World Wind Solar (WWS)
When 2015 got underway, the renewable energy industry thought the sky was falling. Debating the Keystone XL oil sands pipeline was all the rage. California’s clean energy mandate was just 33 percent, and affordable home batteries were a glint in Elon Musk’s eye. Now, the Antelope Valley can breathe a sigh of relief, buoyed by victories in congress and California. Keystone is dead. California has a 50 percent clean energy mandate, and Tesla has “disrupted” the world of energy storage. Here a rundown of the big stories:

- California raised electricity rates.
- Obama rejects the Keystone pipeline.
- California maintains rooftop solar incentives.
- Tesla announces its incredible battery plan.
- Obama launches his Clean Power Plan.
- California adopts 50% clean energy mandates.
- Solar and wind tax credits are extended.
- The world’s leaders agreed on a climate agreement in Paris. (impacting the AV).

Milestones:
WWS provides service in more than 20 states to a diversified client portfolio of 25 companies, including some of the largest renewable asset owners in the Antelope Valley. WWS provides construction, operations and maintenance services to both wind and solar projects. The company employs a team of skilled personnel and anticipates ongoing growth as demand for renewable energy continues. In the last two years, we significantly expanded the number of employees to 92, adding to the Antelope Valley’s job growth and economy.

WWS is often recognized for its achievements in the industry and the community. Recent awards include the City of Tehachapi Kern Small Energy Business Award, Certificate of Recognition from Kern County Small Business Week, California State Senate 2014 Exceptional Energy Owned Small Business of Kern County, and U.S. House of Representatives 2014 Small Business Luncheon Certificate of Recognition for Energy Owned Business.

Trends in Renewables in the AV
We see a number of trends that will shape the renewable energy industry in the Antelope Valley in the upcoming year. They are:
- A significant increase in the number of commercial and utility scale solar projects.
- Older wind projects will be re-powered with newer, larger wind turbines.
- Municipalities will become the energy off taker of community renewable projects.
- Large corporations and large commercial users of electricity will use renewable sources such as wind and solar to offset their energy use.
- Battery storage will continue to evolve.

World Wind and Solar website: www.worldwindsolar.com
QUALITY OF LIFE
The people of SoCal’s Leading Edge work hard and play hard! Within a quick drive in any direction you can be in the mountains, at the beach, in Los Angeles, cruising the coastline, at a desert oasis or... This region isn’t the middle of nowhere, it’s at the center of everywhere. Closer to home, we have so much to do with a diverse list of options for indoor and outdoor fun.

Here’s a brief example and where to find out more.

**REGIONAL COMMUNITY EVENTS**

**CALIFORNIA CITY**
www.californiacityparksandrec.com
- Desert Tortoise Days (May)
- California City Renaissance Festival (Oct)
- Randsburg Western Days (Sep)

**GREATER TEHACHAPI**
www.tvrpd.org
- City of Tehachapi Hotdog Festival, Tehachapi Mountain Beer & Wine Fest (Jul)
- Cheers to Charity, Tehachapi Mountain Festival (Aug)
- Tehachapi GranFondo: www.tehachapigranfondo.com
A cycling event for over 700 participants. The inaugural event attracted visitors from over 120 different cities and generated more than $300,000 in economic activity (Sep)
- Tehachapi Apple Festival (Oct)

**LANCASTER**
www.destinationlancasterca.org/things-to-do
- Farmers Market; Every Thursday, Year-Round
- The BLVD
- Sierra Toyota: Scion Concert Series; Every Thursday, June-October
- Martin Luther King, Jr. Day of Service (Jan)
- Los Angeles County Airshow, Egg Hunt Eggstravaganza (Mar)
- California Poppy Festival (April)
- Lancaster Museum of Art & History (MOAH)
- Mother’s Day Tea & Exhibition (May)
- LPAC Foundation Gala and Grand Auction, Lancaster Jazz Festival, Thunder on the Lot (Jun)
- 4th of July Extravaganza (Jul)
- Antelope Valley Fair (Aug)

**LIBRARIES**
Kern County Libraries
www.KernCountyLibrary.org
Los Angeles County Libraries
www.CoLAPubLib.org
Palmdale City Library
www.CityofPalmdale.org/library

**MUSEUMS**
20 Mule Team Museum - Boron, CA 93516
Phone: (760) 762-5810
Antelope Valley Indian Museum @ Lancaster - www.avim.parks.ca.gov
Black Bird Air Park @ Edwards Air Force Base - afftcmuseum.org/visit/blackbird-airpark
Edwards Air Force Flight Test Museum - afftcmuseum.org
Historical Society of the Upper Mojave Desert, www.hsumd.org
Joe Davies Heritage Airpark @ Palmdale - www.cityofpalmdale.org/Airpark
Lancaster Museum/Art Gallery Maturango Museum MOAH - www.lancastermoah.org
Maturango Museum @ Ridgecrest - maturango.org
Mojave Transportation Museum - www.mojavemuseum.org/
Tehachapi Railroad Museum - www.tehachapidepot.com/
US Naval Museum of Armament & Technology www.chinalakemuseum.org
Western Hotel Museum - www.lancastermoah.org/about-western-hotel-museum.php

**MOVIE THEATERS**
Over 60 screens regionally
Cinemark 22 and IMAX
Cinemark Movies 12
Cinemark at Antelope Valley Mall
BLVD Cinema
Hitching Post Theaters
Ridgecrest Cinemas

**PERFORMING ARTS**
AV Symphony Orchestra & Master Chorale avsomc.avc.edu
Community Light Opera & Theater www.Ridgecrest-Arts.org
Lancaster Performing Arts www.LPAC.org
Palmdale Amphitheater www.cityofpalmdale.org/TheAmp
Palmdale Playhouse
**Unique Breweries & Wineries:** The Region has a growing reputation for great wine & craft beer. From Agua Dulce to Tehachapi, some 35 vineyards & craft breweries make the most of the area’s warm days & cool nights to produce award-winning beverages for responsible adults. Stopping at any one of these locations will certainly introduce you to their special blend of atmosphere and libations.

**ACTON / AGUA DULCE:**
- Agua Dulce Winery
  - www.aguadulcewinery.com
- Reyes Winery
  - www.reyeswinery.com

**GREATER TEHACHAPI:**
- Dorner Family Vineyard
  - www.dorrnerfamilyvineyard.com
- Honey Wagon Brewing
  - www.honeywagonbrewing.com
- Souza Family Vineyard
  - www.souzafamilyvineyard.com
- Triassic Vineyards
  - www.triassicvineyards.com
- Veritas Tapas & Wine Bar
  - www.veritatapasandwine.com

**LANCASTER:**
- Antelope Valley Winery
  - www.avwinery.com
- Bravey Brewing Co.
  - http://braveybrewing.com
- Kinetic Brewing Co.
  - http://www.kineticbrewing.com

**MOJAVE:**
- Indian Wells Valley Brewing Co.
  - www.mojavered.com

**PALMDALE:**
- Lucky Luke Brewing
  - www.luckylukerbrewing.com
- Transplants Brewing Co.
  - www.transplantsbrewing.com

**SPORTS VENUES / PARKS**
Best of the West® Softball Complex - Palmdale - featuring eight world-class, year-round softball fields that are home to youth & adult league play and softball tournaments.
- www.cityofpalmdale.org/BOTW
- Big 8 Softball Complex - Lancaster www. big8softball.com
- Cal City Motorcross Park - www.calcitympark.com

**SHOPTING**
- Antelope Valley Mall
  - www.AV-Mall.com
- THE BLVD
  - www.theblvlancaster.com
- Destination Lancaster
  - www.DestinationLancasterCA
- Main Street Tehachapi
  - www.maintreestehachapi.org
- Palmdale Restaurants & Shopping
  - www.cityofpalmdale.org/Visitors/Restaurants-and-Shopping

**Dry Town Water Park Palmdale**
- www.cityofpalmdale.org/Drytown

**CAMPING / HIKING / FISHING / BOATING / HUNTING**
- Angeles National Forest
  - www.fs.usda.gov/angeles
- CA State Parks - www.parks.ca.gov/
- CA Trail Users Coalition
  - www.trailusers.org
- Devils Punchbowl
  - parks.lacounty.gov/wps/portal/dpr/Parks/Devils_Punchbowl_Natural_Area
- El Mirage OHV Recreation Area
- High Desert Camping Info
totalescape.com/
- Jawbone Canyon OHV Park
  - www.jawbone.org
- LA County Trails Website
  - trails.lacounty.gov/
- Lake Isabella / Kernville
  - www.lakeisabella.net
- Littlerock Dam & Reservoir
  - www.destinationlancasterca.org/listings/?action=display&listingID=144
- OHV Riding - www.ohv.parks.ca.gov
- Pacific Crest Trail - www.pcta.org/
- Red Rock State Park
  - www.parks.ca.gov
- Robbers Roost
digital-desert.com/robbers-roost/
- Saddleback Butte State Park
  - www.parks.ca.gov/?page_id=618
- Trona Pinnacles
- Vasquez Rocks Natural Area
  - parks.lacounty.gov/wps/portal/dpr/Parks/Vasquez_Rocks_Natural_Area

**OTHER POINTS OF INTEREST**
- Antelope Valley California Poppy Reserve - Lancaster
  - www.destinationlancasterca.org/visitor/onlyinav/poppyreserve
- Aerospace Walk of Honor - Lancaster www.destinationlancasterca.org/visitor/onlyinav/walkofhonor
- Exotic Feline Conservation Center - Rosamond
  - www.cathouse-fcc.org/
- Indian Point Ostrich Ranch - Tehachapi
  - www.indianpointranch.com
- Musical Road - Lancaster
  - www.destinationlancasterca.org/visitor/onlyinav/musicalroad
- Windswept Ranch - Tehachapi
  - www.visittehachapi.com/play/586-windswept-ranch.html

**Willow Springs International Raceway**
A historic race track, the interesting elevation changes and high average speeds make it a favorite of many road racing drivers. Efforts by fans have resulted in the State of California declaring Willow Springs International Raceway as a California Point of Historical Interest in 1996.

www.willowspringsraceway.com

**DAYS TO ENJOY THIS GUIDE**
40 | GAVEA WWW.SoCalLeadingEdge.org
STEM EDUCATION

The Scope of STEM Education is Escalating in the Antelope Valley

Building upon the steady, incremental successes of the last decade, the momentum of STEM education in the Antelope Valley has expanded rapidly over the last year. Now, the effects are being felt more strongly not only regionally, but also nationally and internationally. Within the Antelope Valley Union High School District, students from the Palmdale High School Solar Falcons, with the mentorship of local industry partners and the University of Michigan Solar Car Team, as well as sponsorships from regional businesses and individuals, successfully built and raced their solar car at the Texas Motor Speedway in July of 2015 to a 7th place finish in their first year, also winning the coveted Michael Forre Award for best use of technology. The Knight High School Digital Design and Engineering Academy competed for the second year in the UAV (unmanned aerial vehicle) Challenge in Queensland, Australia, in September of 2015, again taking third place in the high school competition. The Air Force Research Lab and NASA Armstrong are collaborating with a group to bring a local “drone” competition to the greater AV region in June of 2016 to involve other teams in this initiative.

Edwards AFB (EAFB) continues its commitment to support STEM education in the local community. EAFB has been supporting the Helendale School District (HSD). Collaborating with EAFB, HSD created STEM electives and robotics program tailored for K-6th grade elementary students. For the 2016-2017 school year HSD is adding a dedicated STEM classroom. EAFB has been inspiring young student minds through career fairs, STEM presentations, and volunteer involvement. In coordination with Academy of Careers and Exploration (ACE) high school EAFB inspired students during the 2015 and 2016 career fair at HSD. Students interacted with the keynote speaker, electrical engineers, mechanical engineers, computer scientists, flight physiologist, pilots, and an F-22 flight simulator.

Other notable accomplishments in the AVUHSD include the SOAR High School InvenTEAM members participating in the White House Science Fair for their éris breathalyzer bracelet, over 20 students competing in career-technical student organization national competitions, and California School Boards Association Golden Bell Award 2015-16 recognition for both the Palmdale High School Health Careers Academy and Lancaster High School Eagle Robotics Team 299. There were numerous successes for AVUHSD robotics teams at regional, national and international competitions.

Academic year 2015-16 saw the debut of Knight Prep Academy in the AVUHSD, which allows students to utilize state-of-the-art technology and makerpaces. 2016-17 will also bring the opening of a new STEAM school in the Lancaster School District, the Fulton and Alsbury Academy of Arts and Engineering, which will also implement one-to-one student technology.

In other districts and schools within the region, Tehachapi High School Robotics Team was featured in the nationwide “Think It Up” telecast on September 11, Matt Anderson from Joe Walker Middle School was named the California Project Lead the Way Teacher of the Year, as well as Rosamond High School’s CTE program receiving CSBA’s Golden Bell Award in 2014-15. The Palmdale Aerospace Academy Team Gryffingear won as part of the world championship coalition in FIRST Robotics which hosted over 18,000 student competitors in St. Louis, MO in April of 2015.

Aneek Dagama, a teacher at Discovery School in the Lancaster School District, has been selected as a Northrop Grumman Teacher Fellow; she will participate in the upcoming National Science Teachers Association summer conference in Tennessee, a five-day workshop in Maryland, and a two-week externship at the Northrop Palmdale facility.

Antelope Valley College has also experienced unprecedented success in its STEM programs through efforts undertaken under a federally-funded project designed to increase participation in STEM degrees and careers, increasing from 120 engineering majors in 2011 to 445 in 2015, with over 1800 declared STEM majors overall. Five new STEM Associate of Science degrees have been developed, including: Physics; Earth Science; Biology; Mathematics; and Chemistry. AVC is also one of only 15 community colleges in California to be selected to pilot a baccalaureate degree program, which is focusing on Airframe Manufacturing Technology. Over $1 million has been invested to improve existing STEM lab facilities, and a re-design is planned of an existing facility to develop a new STEM center at AVC to house modern engineering labs and undergraduate research facilities, with an expected completion date of Fall 2016. AVC students worked with NASA scientists during the summer of 2015 on the Preliminary Research Aerodynamic Design to Land on Mars (PRANLD-M) project. The AVC-sponsored 4th Annual STEMposium in November of 2015 also attracted over 200 participants in academia, industry, and local government.

Regardless of the grade level or location of students in the greater Antelope Valley region, a wide variety of STEM education and activities are available for their benefit, allowing them to become prepared for college, career, and life in the 21st Century and beyond.

Submitted by:
Diane L. Walker, AVUHSD College & Career Readiness Coordinator dwalker@avhsd.org • 661-575-1025
Interim Chair, Antelope Valley East Kern STEM Network Steering Committee

ECONOMIC ROUNDTABLE REPORT | 41
PUBLIC / PRIVATE SCHOOLS

LANCASTER ELEMENTARY SCHOOL DISTRICT
The Lancaster School District will open its newest school, the Fulton & Albury Academy of Arts and Engineering, a 6th-8th grade school of choice, for the 2016-2017 school year. The new campus will host approximately 400 students. All students will take three years of engineering courses that include building robots, 3D modeling and printing, making wind turbines and hydrogen fuel cell cars, and launching rockets as well as three years of visual arts instruction including computer-based arts. For more information contact the principal, Dr. Andy Glatfelter, at glatfeltera@lancsd.org

MOJAVE UNIFIED SCHOOL DISTRICT
2015-2016 is the third year of the Renewable Energy and Conservation Academy. The Academy was featured in the Popular Science Magazine article titled Science Takes Off: What Happens When the Space Industry Collides With A Tiny Town? Authored by Sarah Scholes, the article states the obvious; how the benefit of engineering, robotics, science clubs and Makers in close proximity to a variety of Mojave SpacePort staff is feeding a student interest to maximize learning potential. As a charter school with almost 1,100 students, 40 teachers, 4 counselors, 4 administrators and 18 classified staff, we are entering into our fourth year of operation.

2015 Milestones:
- Robotics Team 5012 “Gryffingear” took home World Championship 2015 Robotics Competition
- Added 12th Grade, will have first graduating class.

WESTSIDE UNION SCHOOL DISTRICT
Westside Union School District serves nearly 9,000 students across 346 square miles in the areas of Lancaster, Leona Valley, Palmdale, and Quartz Hill. Our district prides itself on being “the district of choice” with more choice-based programs than any other district in the Antelope Valley. Westside Union School District features 12 schools, providing world-class education to students from kindergarten to 8th grade. Currently our district is furnishing all of its school sites with technology upgrades to enhance its educational programs by creating an interactive environment. Westside Union School District is preparing our future leaders by educating them early on about our aerospace valley through science, technology, engineering and mathematical electives primarily through the nation’s leading K-12 STEM program Project Lead the Way.

2015 Milestones:
- Anaverde Hills School: One of our California Distinguished Schools, construction of the administration building, library, computer lab and special education classrooms were completed.
- Cottonwood Elementary Modernization Plan Moves Ahead: In the next two years Cottonwood will be equipped with new state of the art classrooms.
- Project Lead the Way Gateway Teacher of the Year: Joe Walker teacher Matthew Anderson was recognized by the leading K-12 STEM education program Project Lead the Way, as its Gateway Teacher of the Year.
- Teacher Promoted as Civil Air Patrol Chief of Staff: Colonel Traci Scott an Air Force veteran and mathematic teacher was promoted as the new chief of staff for the entire Civil Air Patrol (CAP) state program. Colonel Scott started the CAP cadet program at Joe Walker in 2011.

PUBLIC SCHOOLS

- Acton-Agua Dulce Unified School District
  (K-12) www.aadusd.k12.ca.us
- Antelope Valley High School District
  www.avdistrict.org
- Eastside Union School District (K-8)
  www.eastsidek12.ca.us
- Gorman School District (K-8)
  www.gorman.k12.ca.us
- Hughes-Elizabeth Lake Union School District (K-8)
  www.helusd.k12.k12.ca.us
- Keppel Union School District (K-8)
  www.keppel.k12.ca.us
- Lancaster Elementary School District (K-8)
  www.lancsd.org
- Palmdale School District (K-8)
  www.palmalesd.org
- Westside Union Elementary School District (K-8)
  www.westside.k12.ca.us
- Wilsona School District (K-8)
  www.wilsonasd.net
- Kern County Schools/Mojave Unified School District (K-12)
  www.mojave.k12.ca.us
- Muroc Joint Unified School District (K-12)
  www.muroc.k12.ca.us
- Southern Kern Unified (K-Adult)
  www.ukusd.k12.ca.us

PRIVATE SCHOOLS

- Antelope Valley Adventist School
  www.lancasteradventist.com
- Antelope Valley Christian School
  www.avcs.edu
- Bethel Christian School
  www.bethelchristian.net
- Carden School of Tehachapi
  www.cardenschooltehachapi.org
- Desert Christian School
  www.desertchristian.com
- Desert Vineyard Christian School
  www.growwithvcs.org
- Grace Lutheran School
  www.gracelancaster.org
- Heritage Oak School
  www.heritageoaksschool.info
- High Desert Adventist Christian School
  www.ridgecrestacademy.com
- Immanuel Christian School
  www.isk12.org
- Lancaster Baptist School
  www.lancasterbaptistschool.org
- Paraclete High School
  www.paracletehs.org

PUBLIC / PRIVATE SCHOOLS

THE PALMDALE AEROSPACE ACADEMY
The Palmdale Aerospace Academy prepares its graduates for college and careers in the 21st century, aligned with workforce needs in the local area and beyond. The educational program emphasizes science, technology, engineering and mathematics (STEM) skills and views academics through the lens of aerospace. Challenging projects, hands-on activities and collaborative learning engage student interest to maximize learning potential. As a charter school with almost 1,100 students, 40 teachers, 4 counselors, 4 administrators and 18 classified staff, we are entering into our fourth year of operation.

2015 Milestones:
- Robotics Team 5012 “Gryffingear” took home World Championship 2015 Robotics Competition
- Added 12th Grade, will have first graduating class.

WESTSIDE UNION SCHOOL DISTRICT
Westside Union School District serves nearly 9,000 students across 346 square miles in the areas of Lancaster, Leona Valley, Palmdale, and Quartz Hill. Our district prides itself on being “the district of choice” with more choice-based programs than any other district in the Antelope Valley. Westside Union School District features 12 schools, providing world-class education to students from kindergarten to 8th grade. Currently our district is furnishing all of its school sites with technology upgrades to enhance its educational programs by creating an interactive environment. Westside Union School District is preparing our future leaders by educating them early on about our aerospace valley through science, technology, engineering and mathematical electives primarily through the nation’s leading K-12 STEM program Project Lead the Way.

2015 Milestones:
- Anaverde Hills School: One of our California Distinguished Schools, construction of the administration building, library, computer lab and special education classrooms were completed.
- Cottonwood Elementary Modernization Plan Moves Ahead: In the next two years Cottonwood will be equipped with new state of the art classrooms.
- Project Lead the Way Gateway Teacher of the Year: Joe Walker teacher Matthew Anderson was recognized by the leading K-12 STEM education program Project Lead the Way, as its Gateway Teacher of the Year.
- Teacher Promoted as Civil Air Patrol Chief of Staff: Colonel Traci Scott an Air Force veteran and mathematic teacher was promoted as the new chief of staff for the entire Civil Air Patrol (CAP) state program. Colonel Scott started the CAP cadet program at Joe Walker in 2011.

PUBLIC SCHOOLS

- Acton-Agua Dulce Unified School District (K-12)
  www.aadusd.k12.ca.us
- Antelope Valley High School District
  www.avdistrict.org
- Eastside Union School District (K-8)
  www.eastsidek12.ca.us
- Gorman School District (K-8)
  www.gorman.k12.ca.us
- Hughes-Elizabeth Lake Union School District (K-8)
  www.helusd.k12.k12.ca.us
- Keppel Union School District (K-8)
  www.keppel.k12.ca.us
- Lancaster Elementary School District (K-8)
  www.lancsd.org
- Palmdale School District (K-8)
  www.palmalesd.org
- Westside Union Elementary School District (K-8)
  www.westside.k12.ca.us
- Wilsona School District (K-8)
  www.wilsonasd.net
- Kern County Schools/Mojave Unified School District (K-12)
  www.mojave.k12.ca.us
- Muroc Joint Unified School District (K-12)
  www.muroc.k12.ca.us
- Southern Kern Unified (K-Adult)
  www.skusd.k12.ca.us

PRIVATE SCHOOLS

- Antelope Valley Adventist School
  www.lancasteradventist.com
- Antelope Valley Christian School
  www.avcs.edu
- Bethel Christian School
  www.bethelchristian.net
- Carden School of Tehachapi
  www.cardenschooltehachapi.org
- Desert Christian School
  www.desertchristian.com
- Desert Vineyard Christian School
  www.growwithvcs.org
- Grace Lutheran School
  www.gracelancaster.org
- Heritage Oak School
  www.heritageoaksschool.info
- High Desert Adventist Christian School
  www.ridgecrestacademy.com
- Immanuel Christian School
  www.isk12.org
- Lancaster Baptist School
  www.lancasterbaptistschool.org
- Paraclete High School
  www.paracletehs.org

CHARTER SCHOOLS

- AV Learning Academy
  http://avllearning.org/
- AV Youthbuild Charter
  www.youthbuildcharter.org
- Desert Sands Charter High School
  www.deschs.org
- iLEAD Lancaster Charter School
  www.ileadlancaster.org
- Learn4Life Concept Charter School
  www.learn4life.org
- Life Source Charter School
  www.lifesourcecharterschool.org
- The Guidance Charter School
  www.thegecs.org
- The Palmdale Aerospace Academy
  www.tapa.org
- Valley Oaks Charter School
  www.valleyoakscharterschool.org

42 | GAVEA WWW.SoCalLeadingEdge.org
COMMUNITY COLLEGE / UNIVERSITIES

ANTEOLE VALLEY COLLEGE
3041 W. Ave K, Lancaster, 93536
661-722-6300 • www.avc.edu
1529 E. Palmdale Blvd, Palmdale, 93550
661-722-6400 • www.avc.edu/palmdale

District Size: ...... 1,945 Square Miles
Number of Buildings: .......... 35
Budget: 2014/2015 Unrestricted & Restricted Funds:............ $72 Million

STUDENT / PROGRAMS ’14/’15
Student Enrollment: .......... 18,769
Associate Degree Programs: .......... 92
Certificate Program: ............... 59

In 2015, AVC awarded a record-setting 2,283 degrees and certificates. The Lancaster campus is home to SOAR High School, which serves approximately 400 ninth through twelfth grade students who concurrently take high school classes and college-level classes. In 2016, AVC will begin offering bachelor’s program in Airframe Manufacturing Technology, specifically designed for the needs of local aerospace industry employees.

Antelope Valley College had an unprecedented headcount of 18,854 students enrolled for the 2014-2015 academic year. The most popular declared majors were: Administration of Justice, Business Administration, Registered Nursing, Social & Behavioral Science. The college awarded 1,475 associate degrees and 727 certificates—a 19% increase over 2013-2014. AVC led the state in Student Success and Support Program (SSSP) services for 2014-2015. Students completed 10,882 orientations, 7,010 assessments and 6,014 abbreviated student education plans for the year. Additionally, counseling created comprehensive education plans with 61% of AVC students (10,603), compared to a state average of only 20.7%.

In 2015, AVC expanded its commitment to serving the STEM education needs of the greater Antelope Valley. In January, the Chancellor’s office announced AVC as one of 15 pilot bachelor’s degree programs in the state. In March, LA County Supervisor Michael Antonovich presented the on campus preschool and a grant for $200,000 to support cutting-edge preschool curriculum in STEM subjects, augmenting materials and program facilities.

California State University Bakersfield/Antelope Valley Campus
43909 30TH St W. Lancaster, CA 93536
661-952-5000 • www.csusb.edu/AV

Located at Antelope Valley College and offers accredited Bachelor Degree completion programs for those who have completed general education work at a community college. Bachelor Degrees include Business Administration, Child, Adolescent & Family Studies, Criminal Justice, English, Liberal Studies (IB EST), Nursing (RN to BSN on-line only) and Sociology (Human Services). Master’s Degrees are also available in Business Administration (MBA), Educational Administration (MA), Special Education. Educational Curriculum & Instruction and Administration (MSA) are completely online and through Extended University. Also offered are teaching credential programs in Elementary Education, Single Subject and Special Education.

California State University Long Beach
45356 Division St, Lancaster, 93536
661-723-6429 • www.csulb.edu

The 20,000 square-foot University Center includes state-of-the-art classrooms, well-equipped labs and complete administrative facilities. The University Center, is a satellite campus of the CSULB College of Engineering.

California State University Long Beach - AV Engineering Program:
The Antelope Valley Engineering Program is a full time, highly structured, two and a half year program for transfer students seeking a Bachelor of Science degree in either Mechanical or Electrical Engineering. The program is located at the Lancaster University Center satellite Campus.

Brandman University
Chapman University System
Antelope Valley Campus
39115 Trade Center Dr, Suite 203
Palmdale, 93550
661-224-2923 • www.devry.edu

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Cerro Coso Community College
3000 College Heights Blvd, Ridgecrest, 93555
760-384-6100 • www.cerocoso.edu

Cerro Coso Community College is a comprehensive, multi-campus public institution of higher education fully accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC). The main campus is located in Ridgecrest, California, and classes are also offered at Edwards Air Force Base, California City, Mojave, Tehachapi, Lake Isabella, Bishop, Mammoth Lakes, and Online which together form the largest geographical service area of any community college in California.

Devry University
39115 Trade Center Dr. Suite 100
Palmdale, 93550
661-224-2923 • www.devry.edu

Accredited by The Higher Learning Commission of the North Central Association of Colleges and Schools, www.ncahlc.org, DeVry University provides high-quality, career-oriented education relevant for today’s workplace.

Embry Riddle Aeronautical University
886-46-3728 • www.erau.edu

Centers of teaching are located in Palmdale, Edwards Air Force base, China Lake Naval Base and Victorville.

High Desert Medical College
701 W. Ave K, Lancaster, 93534
(661) 940-5300
www.highdesertmedicalcollege.org

High Desert Medical College offers programs with job placement assistance for employment in local doctor’s offices, hospitals and home care. The job placement rate is more than 70% for all programs.

In 2015 High Desert Medical College:
• Doubled size of campus to 25,000 square feet including a new dental lab
• New programs include Pharmacy Technician and Dental Assisting
• Growth is at 51% year over year in enrollments
• Work with more than 150 local businesses as extern sites for Medical Assisting, Ultrasound Technician and Vocational Nursing programs

High Desert Medical College has a main campus in Lancaster with a branch campus in Bakersfield.

San Joaquin Valley College
42135. 10th St W, Lancaster, 93534
661-974-8282 www.lancaster.sjcvc.edu

At SJVC in Antelope Valley our instructors bring industry experience to the classroom and give you the hands-on training you need to graduate confident and job-ready.

University of Phoenix
1202 West Ave J, Lancaster, 93534
661-940-6851 • www.phoenix.edu

The University of Phoenix Lancaster Learning Center offers several degree programs as well as online programs for students pursuing their Associates, Bachelors, Masters or Doctoral Degrees.

University of Antelope Valley
44055 Sierra Hwy Lancaster, 93534
661-726-1911 • www.uav.edu

The mission of the University of Antelope Valley is to provide quality undergraduate, graduate, certificate and continuing education to our local and global community.

West Coast Baptist College
4020 E. Lancaster Blvd., Lancaster, 93535
661-946-2274 • www.wcbb.edu

West Coast Baptist College opened its doors in September of 1995. This private seminary college offers Bachelor and Master Degree programs.

ECONOMIC ROUNDTABLE REPORT | 43
**HOUSING MARKET**

**Antelope Valley Home Sales 2015 vs 2014**  
Contributed by Harvey Holloway, Broker, Coldwell Banker Commercial Valley Realty

<table>
<thead>
<tr>
<th>AREA</th>
<th># of Units Sold</th>
<th>Avg. Price Per Sq Ft</th>
<th>Avg. Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2014</td>
<td>2015</td>
<td>% Change</td>
</tr>
<tr>
<td>Cal City, Mojave</td>
<td>334</td>
<td>352</td>
<td>5</td>
</tr>
<tr>
<td>Ridgecrest</td>
<td>486</td>
<td>550</td>
<td>13</td>
</tr>
<tr>
<td>Rosamond Area</td>
<td>276</td>
<td>334</td>
<td>21</td>
</tr>
<tr>
<td>Tehachapi Area</td>
<td>594</td>
<td>727</td>
<td>22</td>
</tr>
<tr>
<td>Antelope Acres</td>
<td>80</td>
<td>74</td>
<td>-8</td>
</tr>
<tr>
<td>Lake Los Angeles</td>
<td>188</td>
<td>208</td>
<td>11</td>
</tr>
<tr>
<td>East Lancaster</td>
<td>833</td>
<td>945</td>
<td>13</td>
</tr>
<tr>
<td>West Lancaster</td>
<td>1,276</td>
<td>1,381</td>
<td>8</td>
</tr>
<tr>
<td>West Palmdale</td>
<td>799</td>
<td>929</td>
<td>16</td>
</tr>
<tr>
<td>East Palmdale</td>
<td>1,265</td>
<td>1,325</td>
<td>5</td>
</tr>
<tr>
<td>Littlerock</td>
<td>170</td>
<td>198</td>
<td>16</td>
</tr>
<tr>
<td>Leona Valley</td>
<td>54</td>
<td>61</td>
<td>13</td>
</tr>
<tr>
<td><strong>ALL AREAS</strong></td>
<td><strong>6,355</strong></td>
<td><strong>7,084</strong></td>
<td><strong>11%</strong></td>
</tr>
</tbody>
</table>

The number of homes sold in 2015 was up 729 units, an 11% year over year increase! The average selling price in each of our submarkets showed year over year increases resulting in an average, region wide increase of 11%! This year’s increase marks the third consecutive year of double digit, region wide increases since 2007! New home construction is taking off again in the Rosamond and Tehachapi submarkets with 38 new home sales in Rosamond at an average price of $256,882 and 17 new home sales in Tehachapi at an average price of $259,265 are included in the results above!

**DARE TO COMPARE**

The Antelope Valley continues to offer residents some of the most affordable housing in the state of California. Far from the typical perception of affordable housing, the Antelope Valley offers a large variety of spacious homes in an assortment of settings including gated communities and country club sites as well as equestrian estates and low density developments with lot sizes ranging from 1/2 to 2 1/2 acres. All this at some of the most affordable prices in Southern California!

**Our housing market is not just about price, it is about value!**
**Lancaster / Palmdale New Home Sales 2015 vs 2014**

<table>
<thead>
<tr>
<th>AREA</th>
<th># of Units Sold</th>
<th>Avg. Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>East Lancaster</td>
<td>77</td>
<td>$284,403</td>
</tr>
<tr>
<td>West Lancaster</td>
<td>61</td>
<td>$296,592</td>
</tr>
<tr>
<td>West Palmdale</td>
<td>35</td>
<td>$322,000</td>
</tr>
<tr>
<td>East Palmdale</td>
<td>52</td>
<td>$318,600</td>
</tr>
<tr>
<td>TOTAL</td>
<td>134</td>
<td>$293,405</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AREA</th>
<th>Avg. Sale Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lancaster</td>
<td>$284,403</td>
</tr>
<tr>
<td>Palmdale</td>
<td>$318,600</td>
</tr>
<tr>
<td>Valencia</td>
<td>$322,000</td>
</tr>
</tbody>
</table>

**Average Sales Price Comparison**

<table>
<thead>
<tr>
<th>AREA</th>
<th>Average Price Per Square Foot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lancaster</td>
<td>$150</td>
</tr>
<tr>
<td>Palmdale</td>
<td>$300</td>
</tr>
<tr>
<td>Valencia</td>
<td>$150</td>
</tr>
</tbody>
</table>

**Estimated Population**

Source: The Nielsen Company

<table>
<thead>
<tr>
<th>AREA</th>
<th>'15 Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoenix</td>
<td>1,521,103</td>
</tr>
<tr>
<td>Portland</td>
<td>613,479</td>
</tr>
<tr>
<td>Las Vegas</td>
<td>595,195</td>
</tr>
<tr>
<td>Antelope Valley</td>
<td>530,179</td>
</tr>
<tr>
<td>Tucson</td>
<td>524,264</td>
</tr>
<tr>
<td>Atlanta</td>
<td>455,895</td>
</tr>
<tr>
<td>Miami</td>
<td>425,944</td>
</tr>
<tr>
<td>St. Louis</td>
<td>317,322</td>
</tr>
</tbody>
</table>

**Housing Data**

Source: The Nielsen Company ** Zillow.com

<table>
<thead>
<tr>
<th>AREA</th>
<th>Avg. Household Income *</th>
<th>New/Resale House/Condo Median Prices **</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>$74,165</td>
<td>$213,885</td>
</tr>
<tr>
<td>California</td>
<td>$84,669</td>
<td>$421,075</td>
</tr>
<tr>
<td>Santa Clarita</td>
<td>$101,871</td>
<td>$453,000</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>$72,807</td>
<td>$581,200</td>
</tr>
<tr>
<td>Long Beach</td>
<td>$72,005</td>
<td>$486,075</td>
</tr>
<tr>
<td>Ridgecrest</td>
<td>$73,610</td>
<td>$162,300</td>
</tr>
<tr>
<td>Bakersfield</td>
<td>$71,856</td>
<td>$213,200</td>
</tr>
<tr>
<td>Palmdale</td>
<td>$67,166</td>
<td>$255,250</td>
</tr>
<tr>
<td>Lancaster</td>
<td>$62,559</td>
<td>$209,000</td>
</tr>
<tr>
<td>Rosamond</td>
<td>$70,963</td>
<td>$180,900</td>
</tr>
<tr>
<td>California City</td>
<td>$62,029</td>
<td>$103,400</td>
</tr>
<tr>
<td>Tehachapi</td>
<td>$56,077</td>
<td>$248,900</td>
</tr>
<tr>
<td>Phoenix, AZ</td>
<td>$62,804</td>
<td>$201,950</td>
</tr>
<tr>
<td>Tucson, AZ</td>
<td>$49,814</td>
<td>$159,000</td>
</tr>
<tr>
<td>Las Vegas, NV</td>
<td>$63,238</td>
<td>$196,675</td>
</tr>
<tr>
<td>Reno, NV</td>
<td>$60,429</td>
<td>$287,250</td>
</tr>
<tr>
<td>San Diego</td>
<td>n/a</td>
<td>$528,700</td>
</tr>
<tr>
<td>San Francisco</td>
<td>n/a</td>
<td>$1,118,600</td>
</tr>
<tr>
<td>Irvine, CA</td>
<td>n/a</td>
<td>$769,600</td>
</tr>
</tbody>
</table>

**Change**

<table>
<thead>
<tr>
<th>AREA</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>+8.01%</td>
</tr>
<tr>
<td>California</td>
<td>+6.3%</td>
</tr>
<tr>
<td>Santa Clarita</td>
<td>+4.7%</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>+7.8%</td>
</tr>
<tr>
<td>Long Beach</td>
<td>+5.6%</td>
</tr>
<tr>
<td>Ridgecrest</td>
<td>+3.9%</td>
</tr>
<tr>
<td>Bakersfield</td>
<td>+4.7%</td>
</tr>
<tr>
<td>Palmdale</td>
<td>+8.1%</td>
</tr>
<tr>
<td>Lancaster</td>
<td>+5.9%</td>
</tr>
<tr>
<td>Rosamond</td>
<td>+8.9%</td>
</tr>
<tr>
<td>California City</td>
<td>+18.2%</td>
</tr>
<tr>
<td>Tehachapi</td>
<td>+6.3%</td>
</tr>
<tr>
<td>Phoenix, AZ</td>
<td>+9.1%</td>
</tr>
<tr>
<td>Tucson, AZ</td>
<td>+1.6%</td>
</tr>
<tr>
<td>Las Vegas, NV</td>
<td>+9.5%</td>
</tr>
<tr>
<td>Reno, NV</td>
<td>+16.1%</td>
</tr>
<tr>
<td>San Diego</td>
<td>+6.6%</td>
</tr>
<tr>
<td>San Francisco</td>
<td>+13.6%</td>
</tr>
<tr>
<td>Irvine, CA</td>
<td>+3.2%</td>
</tr>
</tbody>
</table>
Hospitals and Health Care

ANTELOPE VALLEY HOSPITAL
Antelope Valley Hospital (AVH) is the only full-service acute care hospital in the Antelope Valley. Its comprehensive array of services include trauma, labor and delivery, neonatal intensive care, pediatrics, and mental health. It is the area’s only accredited Chest Pain Center, Advanced Primary Stroke Center and nationally recognized Comprehensive Community Cancer Center. AVH has 2,800 employees as well as 450 physicians and 550 volunteers.

The 420-bed, nonprofit, district hospital has been serving the community for more than 60 years. AVH treats more than 200,000 patients per year, including 113,000 in the emergency department alone – making it one of the busiest in California.

In 2015 Antelope Valley Hospital:
- Celebrated its 60th anniversary
- Was nationally recognized as a Comprehensive Community Cancer Center
- Became a Baby-Friendly Birth Facility
- Attained Chest Pain Center Certification
- Accredited as a Post-Graduate Year 1 Pharmacy Residency facility
- Cared for more than 200,000 patients
- Logged 113,000 patient visits to the emergency department
- Treated 800 cases of stroke
- Delivered 5,400 babies

https://www.avhospital.org/

CITY OF HOPE
City of Hope will begin offering expanded service via telehealth. The AVON Foundation awarded City of Hope a $75,000 grant to fund a telehealth occupational therapy breast surgery program at our Antelope Valley practice site. The program is scheduled to begin in early 2016.

Launching of City of Hope’s new brand campaign entitled “The Miracle of Science with Soul”. “The Miracle of Science with Soul” is City of Hope’s ambitious new marketing and communications platform. This slogan refers to the lives that City of Hope saves by uniting science and research with compassionate care.
http://www.cityofhope.org/location/antelope-valley

HIGH DESERT REGIONAL HEALTH CENTER
High Desert Regional Health Center, operated by the LA County Department of Health Services Ambulatory Care Network provides coordinated outpatient services, including adult and pediatric primary care, urgent care, specialty care, and outpatient surgery. A wide range of diagnostic and treatment services, including radiology, laboratory pharmacy, respiratory therapy, electro diagnostic testing, physical therapy, occupational therapy and speech therapy, are offered under one roof. The Health Center’s urgent care clinic provides walk-in access seven days a week from 8:00 a.m. to midnight.

In the first year of operation (Fiscal Year 2014-15), High Desert Regional Health Center provided a total of 85,682 patient visits, including 19,966 urgent care visits. The DHS ACN also operates the Antelope Valley Health Center, the South Valley Health Center, the Lake Los Angeles Community Clinic and the Littlerock Community Clinic. In FY 2014-15, these community-based health centers provided a total of 57,154 patient visits.

The facility also houses special programs including an HIV/AIDS Clinic, Pediatric Medical HUB Clinic, disease management programs for diabetes and asthma, and a pediatric dental clinic. The Health Center is located in Lancaster, dhs.lacounty.gov/wps/portal/dhs/highdesert.

HOME INSTEAD SENIOR CARE
A Major milestone for us was the growth and increased presence of the AV Senior Resource Alliance (AV SRA). The purpose of the AV SRA is to provide important information, services and resources necessary to help seniors and their family members in the Antelope Valley.

In 2014 and 2015, Antelope Valley Partners for Health tried to provide some limited services to lower income seniors. In late 2014, seeing a major deficit in senior resources for the Antelope Valley, Home Instate Care started the Antelope Valley Senior Resource Alliance, a group of skilled professionals committed to proving services specifically to seniors. In 2015 AC SRA solidified and added a number of members to its roster.
http://www.homeinstead.com

HIGH DESERT MEDICAL GROUP
High Desert Medical Group (HDMG), is an affiliate of Heritage Provider Network serving the communities of Palmdale, Lancaster, Quartz Hill, Pearblossom, Acton, Rosamond, Lake Los Angeles, Pinon Hills, California City, Tehachapi, Mojave.

To learn more visit www.hdmg.net

CITY OF HOPE

HIGH DESERT REGIONAL

FUTURE TEHACHAPI HOSPITAL
KAISER PERMANENTE
Kaiser Permanente—one of America’s leading health care providers and not-for-profit health plans—has been helping people get and stay healthy in the Antelope Valley since 1968. With more than 130 physicians and 900 employees, Kaiser Permanente provides high quality care to more than 118,000 patients at six convenient locations in Lancaster and Palmdale.

In 2015, Kaiser Permanente celebrated the one year anniversary of the Antelope Valley Medical Offices—which has 25 specialty care departments, as well as diagnostic imaging, pharmacy, and laboratory—and opened a new outpatient procedure suite. This modern, eco-friendly building is designed to be home to up to 66 clinicians.

Primary care services—pediatrics, internal medicine, and family medicine—are available in Lancaster and Palmdale. Each location houses diagnostic imaging, pharmacy, and laboratory with extended hours to accommodate patients’ busy schedules.

The Palmdale Medical Offices also offer preventive services to both patients and community members through its health education center. The center features classes in weight management, prenatal care, and diabetes management; a literature and video room; a health store; three family education rooms; and four conference rooms.

www.kp.org/antelopevalley

PALMDALE REGIONAL MEDICAL CENTER
Palmdale Regional Medical Center continues its journey to be the leading healthcare provider north of Los Angeles, by expanding service line capabilities to meet the needs of the Antelope Valley and achieving quality standards rivaling those of leading academic institutions. During 2015, PRMC was nationally recognized for being one of the quality and patient safety leaders in Southern California by organizations such as Leapfrog and the Women’s Choice Award.

In addition, the hospital began construction work for the buildout of three new operating suites and a 27 bed Acute Rehabilitation Unit. In addition, The Antelope Valley Cancer Center, located on the hospital campus, began development of a state of the art radiation oncology vault. This along with PRMC’s recent alignment with Keck Medicine of USC will establish PRMC as a premier cancer facility in the Antelope Valley.

www.palmdaleregional.com/

RIDGECREST REGIONAL HOSPITAL
Ridgecrest Regional Hospital serves the community of the Southern Sierra Region and is continually seeking areas to expand to better serve this area.

Ridgecrest Regional Hospital was the first Critical Access Hospital in the Nation to receive the quality based certification of ISO 9001 from DNV Healthcare and shows how committed we are to patient safety and total quality.

To learn more go to www.rhh.org/

TEHACHAPI VALLEY HEALTHCARE DISTRICT
Tehachapi Valley Healthcare District, operates a hospital in Tehachapi and rural health clinics in Mojave, Tehachapi, and California City.

Construction is underway on a new hospital to replace the current facility which does not meet state earthquake standards. The new hospital is expected to open later this year. www.tvhd.org

MENTAL HEALTH AMERICA ANTELOPE VALLEY ENRICHMENT SERVICES
Mental Health America (MHA) is the oldest mental health advocacy organization in the country. The Los Angeles chapter was established in 1924 and is the largest private non-profit provider of adult mental health and veterans services in the Antelope Valley. Services include mental health care, housing assistance, job training and placement, homeless outreach, substance abuse recovery, social and living skills training and money management.

MHA’s Military Resource Centers, located in Lancaster and Palmdale, provide a confidential, caring environment for veterans, returning military personnel and their families. The focus is on housing stability of homeless and at-risk veterans and their families through short-term rental assistance, employment placement, benefits linkage and planning to maintain sustainable lives.

With a mission to ensure that all people with mental illness assume their full and rightful place in the community, MHA’s message is clear: mental health matters to the health and well-being of everyone. http://www.mhala-aves.org/

SIERRA MEDICAL GROUP

www.sierramedicalgroup.com

OTHER SERVICES FOUND IN THE REGION

Long-Term Care providers
Home Care & Hospice
Adult Day Health Care Centers
Dialysis Centers
Chiropractors

Dentists
Oral & Maxillofacial Surgeons
Orthodontists
Ambulance / Transport agencies
A BREATH OF FRESH AIR

ANTELOPE VALLEY AIR QUALITY MANAGEMENT DISTRICT

“The Antelope Valley ... it’s a Breath of Fresh Air” is more than just the Antelope Valley Air Quality Management District’s motto ... it’s one of the top reasons why residents and businesses looking for a business-friendly community with some of the cleanest air anywhere in Southern California choose to call the Valley their home.

The AVAQMD is committed to protecting the air breathed by almost half a million residents living within its boundaries while supporting strong and sustainable economic growth. This is accomplished through a comprehensive and common-sense program of planning, regulation, compliance assistance, enforcement, monitoring, and public education.

Based on its cleaner air quality, the AVAQMD is able to offer businesses located within its boundaries more operational flexibility and significantly lower fees than the South Coast AQMD and many other California air districts. Moreover, the AVAQMD’s historical positive working relationship with regulated industry and the community insures the formation of clean air partnerships which further benefit the Antelope Valley’s environment.

To learn more about the Antelope Valley’s air quality, or to register for EnviroFlash, the AVAQMD’s automated air quality notification system, visit www.avaqmd.ca.gov

KERN COUNTY AIR POLLUTION CONTROL DISTRICT

The Board of Directors serves as the governing body of the Eastern Kern Air Pollution Control District, a special district in east Kern County. The Board consists of five members; three city councilmembers and two county supervisors. Board meetings are open to the public. Board of Directors Ed Grimes, Chair (Councilman, Tehachapi) Rick Warren, Vice Chair (Councilman, California City) Peggy Breeden (Mayor, Ridgecrest) Mick Gleason (KC 1st District Supervisor) Zack Scrivner (KC 2nd District Supervisor) Board of Directors usually meet once every two months starting in January at various locations. Air Pollution Control Officer Glen E. Stephens, P.E.

Eastern Kern Air Pollution Control District, 2700 M Street, Suite 302, Bakersfield, CA 93301 Phone: (661) 862-5250 www.kernair.org
**WATER PROVIDERS:**

- Antelope Valley-East Kern Water Baxter Mutual Water Co.
- California Water Service Co.
- El Dorado Mutual Water Co.
- Golden Valley Municipal Water District
- Indian Wells Valley Water District
- Kern County Water Agency
- Littlerock Creek Irrigation District
- Los Angeles County Waterworks District 37
- Los Angeles County Waterworks District 40
- Palm Ranch Irrigation District
- Palmdale Water District
- Piute Mutual Water Co.
- Quartz Hill Water District
- Rosamond Community Services District
- Shadow Acres Mutual Water Co.
- Sundale Mutual Water Co.
- Tierra Bonita Mutual Water Co.
- Tehachapi-Cummings Valley Water District
- Westside Park Mutual Water Co.
- White Fence Farms Mutual Water Co.

**USEFUL LINKS FOR MORE INFORMATION ON WATER:**

- www.acwa.com
- www.avswca.org
- www.avek.org
- www.avwaterplan.org
- www.iwwd.com
- www.kcwa.com
- www.kernirwmp.com
- www.palmdalewater.org
- www.tccwd.com
- www.wakc.com
- www.water.ca.gov/irwm

**WATER FACT**

One acre-foot of water is 326,000 gallons. This is enough to supply two families with water for one year.

**UTILITIES**

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<td>(800) 655-4555</td>
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<td>(888) 438-2427</td>
<td>charter.com</td>
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<td>(866) 928-9135</td>
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<td>(888) 338-4801-5000</td>
<td>directv.com</td>
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<td>GlobalNet</td>
<td>(800) 809-6665</td>
<td>surfglobal.net</td>
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<td>MediaCom</td>
<td>(800) 479-2082</td>
<td>mediacomcable.com</td>
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<td>Time Warner Cable</td>
<td>(877) 757-3469</td>
<td>timewarnercable.com</td>
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<td>verizon.com</td>
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Become an ally for enterprise on

SoCal’s Leading Edge

It’s hard going it alone. Too many businesses still struggle to succeed. But there is no reason
your business can’t find trusted allies to help out.

As a member of the Greater Antelope Valley Economic Alliance, you’ll have access to
industry experts, sage advice from experienced colleagues and referrals to key business
resources throughout the region.

The Alliance is the only region-wide promoter of business growth and prosperity for our
dynamic high-tech triangle which reaches from Acton to Ridgecrest, Boron to Tehachapi.

For the better part of two decades, the Alliance has been a major force in helping
businesspeople to create, maintain and expand their companies and the good-paying local
jobs that they provide.

Through outreach, education and collaboration, we’re making the world well aware of all
our 3,000 square miles of opportunity has to offer.

We also produce the area’s single best resource for economic data, the annual Economic
Roundtable Report as well as periodic Labor Base Analyses and other proprietary and
collaborative research.

These invaluable tools provide both existing area companies as well as potential relocating
businesses with timely, accurate and insightful information you’ll find nowhere else.

We invite you to become a part of this important voice for Southern California’s Leading
Edge. You will gain new insights and intelligence only the Alliance can deliver.

An investment of as little as $210/month can assure your organization has a significant say
in how the future of our economic prosperity plays out.

If you’d rather not go it alone, if finding allies in enterprise is important to you, join us in
our quest to create a more vibrant and healthy regional economy.

Join the Alliance today.
Investor Benefits:

- Participation in critical decisions that positively impact the economic future of our region.
- Priority access to the Alliance’s economic reports and publications.
- Economic updates and insights from key experts at quarterly meetings. Each member organization is entitled to four free tickets to each quarterly event.
- Real-time data and information through our website and email newsletters.
- Inclusion and acknowledgement in Alliance publications and marketing materials.
- Discounted rates on B2B sponsorship opportunities offered through Alliance events and publications.
- Participation in all Alliance special events and other exclusive investor-only opportunities.

If your organization is unable to join our Alliance at this time, consider offering your tax-deductible contribution in any amount to our affiliated Antelope Valley Economic Research and Education Foundation. This 501(c)(3) organization is dedicated to furthering the research and education necessary to expand jobs and opportunities within our region.

For more information or to obtain an investor’s packet, please contact:

661-722-2201
www.SoCalLeadingEdge.org
info@SoCalLeadingEdge.org

Investor Organizations:

- Air Force Flight Test Center
- Antelope Valley Air Quality Management District
- Antelope Valley College
- Antelope Valley-East Kern Water Agency
- Antelope Valley Press
- Antelope Valley Transit Authority
- Antelope Valley Union High School District
- Atkinson and Associates
- BHE Renewables
- City of California City
- City of Lancaster
- City of Tehachapi
- Coldwell Banker Commercial Valley Realty
- Four Star Printing
- Kaiser Permanente
- Kern County
- Lockheed Martin
- Los Angeles County
- Los Angeles County EDC
- Los Angeles County Workforce Development Board
- Northrop Grumman
- Palmdale Regional Medical Center
- Palmdale School District
- Palmdale Water District
- Rio Tinto Minerals
- Rosamond Community Services District
- Southern California Edison
- The Gas Company
- VINSAS Insurance Associates
- Waste Management
- Wells Fargo Bank
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Special Thanks to Our Non-Profit Allies