Sustainability is, in many facets, a transformational word. It is transformative first in that the understanding of what it means to be “sustainable” has changed over several decades. Originally defined as the productive harmony between humans and nature that was necessary to guarantee the flourishing of mankind, sustainability has since taken on far more meaning. The economy, health, nature, built environment, energy, community, social equity and transportation now make up the components that ensure the endurance of prosperity.

Our community is a national leader in this area and Green Chips’ efforts have contributed significantly to that leadership through our mission to be the leading voice of sustainability in Southern Nevada. By promoting innovative partnerships among businesses, government and non-profits, Green Chips works to focus the region’s resources on the issues and challenges facing our community. Through this process, and programs such as Convene for Green, Green Chips amplifies and supplements local efforts that are dedicated to improving the quality of life and longevity of the region.

In this effort, Green Chips has three major goals: strengthening inclusive connections to continually improve our community, establishing action plans to meet high-level goals and metrics through collaborative cross-sector partnerships and leveraging the efficiency and synergy of shared economic and human capital. With a scope as broad as sustainability, the formation of an inclusive community network is imperative to address the diverse needs of the Las Vegas metropolitan area and its neighbors.

This network is committed to raising public awareness and identifying funding resources in support of educational outreach programs and site-based sustainability projects. The establishment of collaborative partnerships seeks to find synergy between the diverse organizations already engaging the community in the endeavor to promote sustainability, be it economic, environmental or social. Government entities, corporations and charities are just a few examples of the many resources available to Southern Nevada that will become more efficient and reach more residents by joining together. Finally, Green Chips assists its partner agencies in aggregating federal, state, local and foundation financial resources to bolster existing social services, environmental projects and economic development.

The purpose of this report is to provide the context surrounding the eight major pillars that support a sustainable community. In addition, it serves to highlight the positive strides made in this on-going effort throughout Southern Nevada, while also pinpointing the areas where additional attention, and progress, is needed. Coming full circle, sustainability is also transformative in that it demands continual progress. While the meaning of the word may have evolved over time, so too must our community to achieve its true potential.

Lauren Boitel, Executive Director
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southern Nevada Fact Sheet</td>
<td>4</td>
</tr>
<tr>
<td>Economy</td>
<td>6</td>
</tr>
<tr>
<td>Health</td>
<td>8</td>
</tr>
<tr>
<td>Built Environment</td>
<td>12</td>
</tr>
<tr>
<td>Energy</td>
<td>14</td>
</tr>
<tr>
<td>Community</td>
<td>16</td>
</tr>
<tr>
<td>Social Equity</td>
<td>18</td>
</tr>
<tr>
<td>Transportation</td>
<td>20</td>
</tr>
<tr>
<td>Conclusions</td>
<td>22</td>
</tr>
<tr>
<td>Sources</td>
<td>23</td>
</tr>
</tbody>
</table>

Applied Analysis was retained by Green Chips to summarize and analyze a series of indicators related to sustainability in Southern Nevada. Our research was conducted using data provided by third party sources, both quantitative and qualitative in nature. This summary report was assembled by Applied Analysis using that data. While we have no reason to doubt the accuracy of the data reported herein or utilized in the formation of our findings, the information collected was not subjected to any auditing or review procedures by Applied Analysis; and therefore, we make no representations or assurances as to its completeness. Our findings and estimates are as of the last day of our fieldwork (February 18, 2016). We have no responsibility to update this report for the events and circumstances that may occur after this date. Copyright ©2016 - All Rights Reserved.
Southern Nevada remains in a state of healing as the echoes of the recession fade. The population base continues to grow, and the region is now home to a record 2.1 million residents. While the unemployment rate still sits at 6.2 percent, it is down 7.9 percentage points since the high of 14.1 percent reached in 2010. In the past year, the region added 18,200 jobs, with major gains reported by the education and health services (+5,700 jobs), leisure and hospitality (+3,700 jobs), government (+3,100 jobs) and professional and business services (+2,900 jobs) sectors. Notably, the hard-hit construction industry added 5,400 positions in the past year as homebuilding continues to increase and a number of major projects are actively underway.

Much of the region’s success is dependent on the tourism industry, which has rebounded in recent years. In 2015, visitor volumes reached a record 42.3 million visitors, while the number of passengers passing through McCarran International Airport increased 5.8 percent year-over-year to 45.4 million. There are currently more than $13.9 billion worth of projects proposed, planned or actively under construction throughout the urban Las Vegas valley, with roughly $9.9 billion sourced to tourism investments. Notable tourism projects include

<table>
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<tr>
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<tr>
<td>UNEMPLOYMENT RATE</td>
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<tr>
<td>DECEMBER 2015 LAS VEGAS MSA</td>
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<td>SOURCE: Nevada Department of Employment, Training and Rehabilitation.</td>
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<tr>
<th>PERSONAL INCOME PER CAPITA</th>
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<tr>
<th>AVG. WEEKLY WAGES (PRIVATE SECTOR)</th>
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<td></td>
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<td>SOURCE: Nevada Department of Employment, Training and Rehabilitation.</td>
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<tr>
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<tr>
<td>2015 CLARK COUNTY</td>
<td></td>
</tr>
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<td>SOURCE: Clark County Comprehensive Planning.</td>
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<th>ELECTRIC METER HOOKUPS</th>
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<tr>
<td>DECEMBER 2015 SOUTHERN NEVADA</td>
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<tr>
<td>SOURCE: NV Energy.</td>
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<tr>
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<tr>
<td>Q3 2015 CLARK COUNTY</td>
<td></td>
</tr>
<tr>
<td>SOURCE: Nevada Department of Employment, Training and Rehabilitation.</td>
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Despite a recovering tourism sector, the lessons of the recession were hard learned, and steps have since been taken to promote a more diversified economic structure to help alleviate and mitigate the impact of future downturns. The recent announcement that electric automaker Faraday Future would build its $1 billion manufacturing plant in North Las Vegas marked a major milestone for the region’s economic development strategy. This commitment and the company’s belief in Southern Nevada’s workforce is one testament to the region’s renewed commitment to economic development as corporations, policy makers, citizens and charities have united in the effort to promote a more educated workforce capable of drawing new employers to the region. Southern Nevada is well on its way towards recovery, and positive signs, both economic and otherwise, are pervasive throughout the region. With rising incomes, employment, spending and real estate prices comes prosperity, and with prosperity, comes the opportunity to focus on investing in a sustainable community.
Sustainability goes far beyond just the environment. Providing the jobs, wages and housing needed to support a growing population is crucial to sustaining a healthy and resilient society. Though Southern Nevada was hit harder than the rest of the nation during the recent economic crisis, the region’s economy is showing strong signs of recovery. The population continues to be one of the fastest growing in the nation and now stands at a historical high of 2.1 million residents. Per-capita income has recovered beyond its previous 2007 peak, increasing 5.5 percent annually in the latest period to $39,533. Nevada finished 2015 with a 5.2-percent growth rate in private average weekly wages, double that of the national average of 2.4 percent. In Southern Nevada, average weekly wages improved by 4.0 percent, ranking fourth among the nation’s thirty largest metro areas. Unemployment continues to fall as the economy improves, though it is still far from the pre-recession low of around four percent.

Another positive trend is the continuing diversification of Southern Nevada’s economy. The Hachmann Index is a widely accepted measure of diversification in an economy. The index assumes the national economy reflects broad diversity, while measuring the aggregate variance in diversification of a subject economy. A score of 100 reflects a diversified economy comparable to the nation, while a score of 0 reflects a narrow economy. Historically, Southern Nevada has been heavily reliant on the hospitality industry for employment and growth. However, through the efforts of the Governor’s Office of Economic Development, the economy has become more diversified as new industries have provided a wider range of employment opportunities in Southern Nevada.

FARADAY FUTURE OPENING PLANT IN NORTH LAS VEGAS

The recent announcement that electric automaker Faraday Future would build its $1 billion manufacturing plant in North Las Vegas marked a major milestone for the region’s economic development strategy. The company will receive roughly $215.9 million in tax incentives to build its 3-million-square-foot facility at Apex Industrial Park. Site work has already begun, with completion expected in 2017. The facility will provide jobs outside the hospitality industry, which currently constitutes 31 percent of Southern Nevada’s economy. The move has been the most high-profile achievement in the region’s recent efforts to diversify the economy and create a more sustainable business environment. By 2023, Faraday Future plans on employing a staff of 4,500 people, half of which will be Nevadans. The company also promised direct contributions of $1 million a year for six years starting in the 2018-2019 school year to help fund K-12 education in the state. The Faraday Future facility offers a promising economic outlook for the Apex region, North Las Vegas and the community overall.
A community cannot be considered sustainable without efforts and programs to ensure the long lives of its citizens. Health relates to the quantity and quality of medical services available to the residents of Southern Nevada. This entails the assurance that there are enough medical professionals and services to provide for the needs of the population. It also links, in many ways, to the affordability of health care and the ability for anyone of any income to receive the medical attention they need to maintain good health.

With the passage of the Affordable Care Act (ACA), Southern Nevada’s health care landscape has changed significantly. The percentage of the population that is uninsured has fallen dramatically from a high of 23 percent in 2012 to 16 percent in 2014 (latest available data). In addition, the number of Medicaid eligible recipients in Nevada has skyrocketed, reaching roughly 608,800 at the end of 2015. This represents an increase of 142 percent since the ACA was signed into law in March of 2010.

Mortality rates in Nevada have stayed relatively stable as of the most recent data, with slight improvements in the number of HIV and diabetes-related deaths. In addition, Nevada reports lower heart disease and diabetes death rates per 100,000 population than the nation. However, at 19.4 per 100,000 population, the suicide rate is 49.2 percent higher than the United States average, which signals a need for increased mental health programs.

Though Nevada is still in need of medical professionals, efforts such as the creation of the UNLV Medical School and the expansion of Roseman University of Health Sciences, offer promising opportunities in health care and a new area of growth for the community.

MGM RESORTS INTERNATIONAL: A LEADER IN HEALTH CARE

Through the Direct Care Health Plan and wellness programs, MGM Resorts International works hard to promote the health and prosperity of its employees. The Direct Care Health Plan is a patient-centered medical model in which MGM Resorts contracts directly with primary care physicians who work closely with employees to monitor their health and make their care a top priority. The plan aims to promote prevention and early detection by encouraging a strong patient-physician relationship as well as healthy lifestyle choices. The Direct Care Health Plan has been positively received, with the Institute for HealthCare Consumerism naming it one of the most innovative and effective employee benefit plans. Also, enrollment has been increasing steadily since the plan debuted in 2012. At that time, roughly 5,000 MGM Resorts employees and their dependents participated in the Direct Care Health Plan. In 2013, enrollment nearly doubled and additional primary care physicians were added. An estimated 23,000 MGM Resorts employees and dependents were enrolled in 2015.

MGM Resorts also has a number of wellness programs aimed at promoting healthy lifestyles. Through the program called Jim’s Plate, a group of MGM Resorts’ Executive Chefs, Celebrity Chefs and employees created healthy meal recipes, which are provided for free to employees at each property daily. The recipes are also available for download, so anyone can prepare them at home. In addition, MGM Resorts is partnered with Life Time Fitness, allowing employees to meet with a Life Time Coach to learn how to achieve their health and fitness goals. The coaches offer exercise and nutrition programs, stress management techniques and strategies to create healthy habits.
DOCTORS RATE PER 100,000 POPULATION
Source: United States Census Bureau.

2014

0% 5% 10% 15% 20% 25%
'09 '10 '11 '12 '13 '14

DEATH RATES PER 100,000 POPULATION - NEVADA AND UNITED STATES
Source: Center for Disease Control.

2013

HEART DISEASE
NEVADA 194.8
U.S. 198.3

SUICIDE
NEVADA 19.4
U.S. 13.0

DIABETES
NEVADA 15.2
U.S. 23.9

HIV
NEVADA 2.5
U.S. 2.2

MEDICAID ELIGIBLE RECIPIENTS - NEVADA
Source: Nevada Division of Welfare and Supportive Services.
NATURE

Nature accounts for the environmental resources that provide the basic necessities for urban development. One of the most important aspects of this component of sustainability is access to a clean and reliable water supply, along with ensuring that this water will be available as the city grows. However, nature extends beyond just water to also include the landscape and environment surrounding the city. Red Rock Canyon National Conservation Area, Mount Charleston and other parks and recreation areas throughout the region are an important resource for the happiness and well-being of Southern Nevada’s citizens, and it is important to ensure these natural wonders are preserved and protected. The City of Henderson has shown a commitment to the preservation of open space as well as being a bike friendly community, with over 120 miles of trails for its citizens. As of 2013, the City of Las Vegas offered approximately 104 miles of trails and an additional 11 miles of equestrian trails. These types of commitments give the citizens of Clark County numerous opportunities to explore nature. Living in a desert environment, water is perhaps one of the most important resources. With the conservation efforts of the Southern Nevada Water Authority, Las Vegas residents have been lowering water use on a per capita basis since 2006. The total amount of treated water delivered to residents has also trended downward, indicating real declines in water usage. Though Lake Mead’s water level is near its all-time low, the decline of the reservoir has slowed in recent years, and with a large snow pack, it looks to regain some of the height it has lost over the past few years.

REPUBLIC SERVICES DEDICATED TO RECYCLING

Roughly 2.3 percent of waste in Nevada is recycled. Although the share is down 2.4 percentage points from the peak of 4.7 percent reported in 2007, it has been trending upward for the past two years. In Southern Nevada, Republic Services has been making an effort to increase recycling in the region and recently announced the opening of its Southern Nevada Recycling Center in North Las Vegas. The new 110,000-square-foot facility is the largest residential recycling center in the United States and is capable of processing two million pounds of recyclable material per day, effectively doubling the recycling capacity of Southern Nevada.

The state of the art recycling center features five optical sorters equipped with 2D and 3D technologies capable of making material separation decisions in milliseconds. Dedicated to the future of sustainability, Republic Services has also built a Learning Center within the facility that includes sustainability oriented educational displays and community videos, along with a live video stream of the recycling operations. Visitors can also watch the recycling process from an observation deck. Partially powered by solar panels and constructed with recycled or remanufactured steel, the Southern Nevada Recycling Center was designed with sustainability in mind.
WASTE DISPOSAL AND RECYCLING - NEVADA
Source: Environmental Protection Agency.

AVERAGE DAILY WATER PRODUCTION PER CAPITA (IN GALLONS) - CLARK COUNTY
Source: Las Vegas Valley Water District.

ANNUAL TREATED WATER DELIVERED (IN ACRE FEET) - CLARK COUNTY
Source: Las Vegas Valley Water District.

LAKE MEAD ELEVATION LEVEL (IN FEET)
Source: United States Bureau of Reclamation.
While the environment has a significant impact on a city, that city conversely has an impact on the environment. Minimizing that impact is of the utmost importance for developing into the future. This includes initiatives to preserve air quality to promote healthy and clean living for residents and minimizing the region’s global footprint by reducing contributions to air pollution and climate change. Also important is ensuring that waste is both minimized and disposed of in the most earth-friendly fashion.

In 2013 (latest available data), nearly 37 million metric tons of carbon dioxide were released into the air in Nevada. In the past ten years carbon dioxide emissions declined 15.0 percent from 43.4 million metric tons in 2003. Notably, transportation and electricity, which account for a combined 81.0 percent of carbon dioxide emissions, also reported declines in the past ten years, falling 32.9 percent and 2.0 percent, respectively. In terms of air quality, Southern Nevada has shown improvements in carbon monoxide, sulfur dioxide and ozone over the past few years. To help alleviate the release of toxic gas into the environment, Nevada has made significant strides in expanding its stock of Leadership in Energy and Environmental Design (LEED) certified buildings. Facilities that receive LEED certification are resource efficient, use less water and energy and reduce greenhouse gas emissions. There are now a total of 185 properties with high standards of conservation, up from just two in 2006 and 67 in 2010. In 2015, Nevada ranked sixth in the nation for the amount of LEED-certified square footage per capita.

LEVI STRAUSS SUSTAINABILITY ACHIEVEMENT

Levi Strauss & Co.’s Levi Sky Harbor Distribution Center in Henderson recently attained LEED Platinum Certification for Existing Buildings from the United States Green Building Council (USGBC). At roughly 620,000 square feet, the facility is the largest of its kind worldwide to achieve this certification, which is the highest offered by the USGBC. The employees were heavily involved in minimizing the environmental impact of the facility, identifying opportunities to conserve resources, save water and reduce overall waste. In addition, their recycling efforts have resulted in a 90-percent reduction in waste sent to the local landfill. The initiative goes far beyond the environment, as the company encourages its employees to live healthy lifestyles as well. Cafeterias feature menus with healthy food items and vending machines are stocked with nourishing snacks to provide beneficial options to employees. Levi Strauss has been working to build a greener facility since 2010, demonstrating the company’s commitment to Southern Nevada’s sustainability.
CO₂ EMISSIONS – NEVADA
Source: Environmental Protection Agency.

2003

- **TOTAL EMISSIONS**: 43.4 M METRIC TONS
  - 5% RESIDENTIAL
  - 5% INDUSTRIAL
  - 35% TRANSPORTATION
  - 52% ELECTRIC
  - 3% COMMERCIAL

2013

- **TOTAL EMISSIONS**: 36.9 M METRIC TONS
  - 7% RESIDENTIAL
  - 7% INDUSTRIAL
  - 40% TRANSPORTATION
  - 41% ELECTRIC
  - 5% COMMERCIAL

LEED-CERTIFIED BUILDINGS - NEVADA

CO₂ EMISSIONS (IN MILLIONS OF METRIC TONS)
Source: Environmental Protection Agency.

2013

- **TOTAL EMISSIONS**: 43.4 M METRIC TONS
  - 5% RESIDENTIAL
  - 5% INDUSTRIAL
  - 35% TRANSPORTATION
  - 52% ELECTRIC
  - 3% COMMERCIAL

- **TOTAL EMISSIONS**: 36.9 M METRIC TONS
  - 7% RESIDENTIAL
  - 7% INDUSTRIAL
  - 40% TRANSPORTATION
  - 41% ELECTRIC
  - 5% COMMERCIAL
**ENERGY**

Energy pertains to the sources of power within a community. Ensuring Southern Nevada receives its energy in a sustainable and efficient form is imperative to the continued growth of the area. Clark County has shown considerable progress in reducing the carbon footprint of the region through improvements in the efficiency and sources of its power. A strong push for solar energy has resulted in dramatic increases in renewable energy consumption. In 2013 (latest available data), 11.5 percent of Nevada’s energy consumption was sourced to renewable energy, which was the 14th highest share in the nation. This represents a gain of 6.0 percentage points from the low of 5.5 percent reported in 2005. As a result, Nevada is one of the most efficient states in the country in terms of per capita energy consumption.

Similar to water consumption, Nevada’s total energy consumption per capita has fallen considerably since the 1990s, declining 28.8 percent from 330 billion BTU in 1990 to 235 billion BTU in 2013 (latest available data). The improving efficiency in energy consumption can be attributed to numerous factors, such as more fuel efficient vehicles and sources of solar energy, a trend that bodes well for the Silver State.

Gasoline consumption in Southern Nevada has been trending upward in recent years, reaching 791.8 million gallons for the 12 months ending November 2015. Consumption remains 2.6 percent below the peak of 812.8 gallons reported in 2007. However, it is up 3.9 percent from a year ago, a trend largely attributed to declines in gasoline prices.

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**CITY OF LAS VEGAS TRANSITIONING TO 100 PERCENT RENEWABLE ENERGY**

The City of Las Vegas plans to be powered by 100 percent renewable energy within the next year, a first for a city of its size. Through an expanded partnership with NV Energy, the City of Las Vegas will undertake a mix of energy-efficiency programs, a large-scale solar project and a purchasing agreement to reach its goal. As part of the deal, the city will receive a portion of its energy from a 100 megawatt solar project being built near Boulder City by SunPower. The switch is set to occur in January 2017, pending the Public Utilities Commission’s approval.

The latest announcement by the City of Las Vegas demonstrates the jurisdiction’s continued focus on sustainability. Las Vegas has saved more than $20 million in the last five years through energy efficiency programs and other conservation efforts, including the construction of a green-friendly City Hall, which opened in 2012. New efforts are expected to save the jurisdiction an additional $250,000 a year going forward. It is because of this focus on sustainability that the City of Las Vegas recently received a 4-Star Certification through STAR Communities. Las Vegas is the first city in Nevada and the 43rd in the nation to receive this certification.
TOTAL ENERGY CONSUMPTION PER CAPITA (IN BILLION BTU) - NEVADA
Source: United States Energy Information Administration.

GASOLINE SOLD (IN GALLONS) - CLARK COUNTY
(Trailing 12-Month Totals)
Source: UNLV Center for Business and Economic Research.

RENEWABLE ENERGY CONSUMPTION AS A PERCENT OF TOTAL - NEVADA
Source: United States Energy Information Administration.

TOTAL ENERGY CONSUMPTION PER CAPITA (IN BILLION BTU)
2013
184 to 235
235 to 280
280 to 307
307 to 333
333 to 402
402 to 488
> 488

SOUTHERN NEVADA STATE OF SUSTAINABILITY REPORT 2016 15
COMMUNITY

Community relates to the education, arts, entertainment and cultural diversity of Southern Nevada. Much of this goes beyond what can be measured by facts and figures; however, it represents an important part of supporting a thriving population.

A major component of community relates to safety and security. While many facets tie into those categories, crime is an immediate factor. In Clark County, property and violent crime remain flat with no particular trend in either direction in recent years.

As it relates to the educational health of the community, Clark County high school graduation rates have increased since 2011, rising from 59.3 percent to 72.1 percent in 2015. In addition, enrollment at the University of Nevada, Las Vegas (UNLV) has been on the rise since 2011, totaling 28,600 students in 2015. There is still improvement to be made in education, as Nevada falls in the bottom quartile of states in terms of both the number of students graduating high school and the percentage of the population with a college degree. The impending opening of the UNLV Medical School and Roseman University’s Summerlin campus demonstrate a commitment to alleviating this problem and bring more college degrees to the area.

Ensuring access to affordable housing is also an important factor in maintaining a healthy community. Las Vegas ranks 16th among the nation’s 30 largest MSAs in the National Association of Home Builders/Wells Fargo Housing Opportunity Index, which measures the share of affordable homes based on the median income of the region.

VEGAS PBS: READY TO LEARN LITERACY

Initially broadcasting as educational television in 1968, Vegas PBS has evolved with the diverse needs of Southern Nevada’s growing community. The organization now offers formal and informal education and services for all age groups, from early childhood to seniors. To best reach and serve the diverse and growing Southern Nevada population, Vegas PBS broadcasts over three television stations, with an average monthly audience of over 600,000 people. Online or mobile viewing averages over 200,000 monthly visitors.

In the 2014-2015 school year, Vegas PBS provided 1,090 early literacy and thematic workshops, reaching 81,407 unduplicated children, 2,202 educators and 59,825 parents. A total of 143,497 participants were reached by Ready to Learn (RTL) services in the last fiscal year. Most workshops are held in Clark County School District Title I schools that average more than 88 percent Free or Reduced Price Lunch enrollment.

Today, RTL is a leading provider of literacy intervention and children’s books locally, providing more than 69,000 new, curriculum-correlated books in English and Spanish last year, primarily to low-income families. Additional RTL services include: educational television programming, websites, mobile apps using PBS characters in interactive educational games, reading camps, community workshops and extensive take-home educational materials.
PERCENT BACHELOR’S DEGREE OR HIGHER (POPULATION 25+)
Source: United States Census Bureau.

2014
- 18.4% to 23.6%
- 23.6% to 25.8%
- 25.8% to 27.6%
- 27.6% to 30.3%
- 30.3% to 32.8%
- 32.8% to 37.1%
- > 37.1%
ENSURING SOCIAL EQUITY

Ensuring equal opportunity and the resources to help those in need is another integral piece to the sustainability puzzle. Parity and the commitment to social service within the community are invaluable assets to promoting a sustainable system. Las Vegas has historically been a metropolitan area of giving, and the numerous charities and organizations in Southern Nevada continue to demonstrate that commitment.

While the percentage of people in poverty in Southern Nevada is down 1.2 percentage points from the peak of 16.8 percent reached in 2011, it remains elevated at 15.6 percent. This is 5.1 percentage points more than the low of 10.5 percent reported in 2006 and slightly above the 2014 national average of 14.8 percent. As a result, social welfare and support programs are more important than ever.

Luckily, Clark County has numerous charities and initiatives to help alleviate these strains. Opportunity Village, Child Haven, Shade Tree, Three Square, Catholic Charities, Clark County Social Services and a variety other organizations help provide aid to those who need it most in the Southern Nevada community.

Shade Tree is dedicated to providing shelter to victims of domestic abuse and offered nearly 26,000 days of shelter to those in need in 2015. In addition, Catholic Charities serves over 17,000 meals to the hungry in Southern Nevada per month, while Three Square provides food aid to over 99,000 households.

Temporary Assistance for Needy Families (TANF) and Supplemental Nutrition Assistance Program (SNAP) participants rose considerably after the recession and are still heavily utilized, despite the recovering economy. At the end of 2015, there were roughly 27,600 TANF grant recipients, up 67.6 percent from the low of 16,400 reported in 2007. However, compared to a year ago, this number has dropped 16.9 percent. Meanwhile, SNAP participants reached a record 441,000 near the end of 2015. Children in poverty also remains an issue in Southern Nevada. At 23.7 percent, the region reports one of the highest child poverty rates in Nevada, and it is also greater than the national average of 23.0 percent. While there are numerous programs in place to help alleviate this strain, Southern Nevada has the opportunity to make more progress in this area and improve upon the lives of children.

CAESARS FOUNDATION COMMITTED TO COMMUNITY

Caesars Foundation and Caesars Entertainment employee volunteers are committed to giving back to the community through a number of programs. Through its partnership with AARP, Caesars works to fight senior hunger with the assistance of the Supplemental Nutrition Assistance Program and Meals on Wheels Association of America. In addition, through the Public Education Foundation’s Teacher EXCHANGE, Caesars aids school teachers in Southern Nevada by helping them save on expenses for school supplies. Businesses and individuals donate re-usable supplies that are given to teachers at no charge for use in the classroom. In 2014, Caesars Foundation’s community giving in Nevada totaled $2.8 million, with over 24,400 volunteer hours donated by Caesars Entertainment employees.
TANF GRANT RECIPIENTS - NEVADA
Source: Nevada Division of Welfare and Supportive Services.

PERCENT OF POPULATION IN POVERTY - CLARK COUNTY
Source: United States Census Bureau.

SNAP PARTICIPANTS - NEVADA
Source: Nevada Division of Welfare and Supportive Services.

PERCENT OF CHILDREN IN POVERTY - NEVADA
Source: Kids Count Data Center.

TRUSTEE DEEDS (FORECLOSURES) - CLARK COUNTY
Source: Clark County Recorder’s Office.

2013
- 9.8% to 13.2%
- 13.2% to 17.6%
- 17.6% to 20.7%
- 20.7% to 21.1%
- 21.1% to 23.7%
- 23.7% to 24.6%
- > 24.6%
TRANSPORTATION

Transportation encapsulates the numerous ways people travel in their daily lives. In Southern Nevada, the primary mode of transportation is by car. Busses provide an additional option for residents to get from one place to another. Meanwhile, the Strip Corridor offers a unique mode of transportation with the Las Vegas Monorail. No matter what form of travel residents choose, as a commuter city, transportation is a key facet of daily life in Southern Nevada. Ensuring minimal commute times is key not just from the standpoint of emissions but also from the standpoint of providing residents with efficient transportation options.

The importance of the automobile as the primary form of transportation in Southern Nevada is evident by the precipitous rise in average daily auto traffic, which reached a record 109,200 vehicles per day by the end of 2015. Population and visitor volume are a key driver of this statistic. In addition, the use of public transportation is becoming more common. For the 12 months ending November 2015 (latest available data), RTC bus ridership in the Las Vegas area reached a record 51.3 million passengers, up 8.9 percent from a year ago.

Of course, driving will continue to play a major role in people’s daily lives, and minimizing the impact of miles traveled will be key to containing pollution and promoting a clean and sustainable environment. One way to reduce this impact is through increased use of “green vehicles”, which includes hybrid, electric and flexible fuel vehicles. Since 2009, the share of these vehicles as a percent of total registrations has been on the rise, increasing from 2.5 percent to 6.4 percent. This signals greater demand for increased fuel efficiency and a more environmentally conscious population.

LAS VEGAS MONORAIL PROMOTES GREEN TRAVEL

The Las Vegas Monorail provides a cheap and environmentally friendly alternative to travel on the Las Vegas Strip. In 2015, Monorail ridership totaled 5.1 million passengers, which represents an increase of 11.7 percent compared to 2014. Revenue from gross ticket sales also increased in 2015, rising 11.3 percent from $19.8 million to $22.1 million. Major events provide the biggest mobility impact for the Las Vegas Monorail. Some of the biggest events include CES (165,000 rides), SEMA (160,000 rides), NAB (130,000 rides), Rock in Rio (over 100,000 rides), Marathon Weekend (over 100,000 rides) and New Year’s Eve (over 50,000 rides). Plans are currently underway to expand the Monorail to the Mandalay Bay, which will help an even greater number of tourists and locals get where they need to go on the Strip.

The Las Vegas Monorail reduces both traffic and emissions, making it a greener option for both locals and tourists to quickly traverse the Strip. In 2014, the Monorail aided in the removal of an estimated 2.06 million vehicle miles from Southern Nevada roads. This reduction equates to savings of 26.45 tons of carbon monoxide, volatile organic compounds and nitrogen oxide emissions.
RTC BUS RIDERSHIP - LAS VEGAS AREA
(Trailing 12-Month Totals)
Source: Regional Transportation Commission of Southern Nevada.

DAILY AUTO TRAFFIC ALL HIGHWAYS - LAS VEGAS AREA
(Trailing 12-Month Averages)
Source: Las Vegas Convention and Visitors Authority.

VEHICLE MILES TRAVELED - CLARK COUNTY
Source: Nevada Department of Transportation.

VEHICLE REGISTRATION TOTAL - CLARK COUNTY
Source: Nevada Department of Transportation.

GREEN VEHICLES AS A PERCENT OF TOTAL VEHICLE REGISTRATION - CLARK COUNTY
Source: Nevada Department of Transportation.

*Green Vehicles = Hybrid, Electric and Flexible Fuel Vehicles.
The state of sustainability will always be one of constant change. Over the past few years, Southern Nevada has made great strides in water conservation, an integral and scarce resource that will continue to play an important role in the development of our desert community. Nevada continues to add infrastructure with environmental efficiency and consciousness as the stock of LEED-certified buildings grows. Per-capita energy consumption is falling as technology improves and residents and businesses gravitate toward homes and buildings with a smaller carbon footprint. Meanwhile, the economy continues its long recovery, and the addition of new educational and economic opportunities is likely to diversify the workforce, aligning new workers with new industries that the community is attracting. The addition of Faraday Future as a regional employer, along with new technical schools in Southern Nevada can help further attract new businesses in growing industries.

The impact of environmental consciousness is evident in these indicators and apparent in the dedicated work and volunteerism pervasive throughout the region. With that spirit, we will continue to transform with sustainability at its core.
This report encapsulates numerous metrics and indicators across several sources, both public and proprietary. Many indicators are retrieved from public databases. Proprietary datasets represent data gathered and maintained by Applied Analysis. The following list represents the sources used to compile this report.

- Applied Analysis - Proprietary Data Sets
- Center for Disease Control
- City of Henderson
- City of Las Vegas
- Clark County Comprehensive Planning
- Clark County Recorder’s Office
- Environmental Protection Agency
- Kids Count Data Center
- Las Vegas Convention and Visitors Authority
- Las Vegas Metropolitan Police Department
- Las Vegas Valley Water District
- McCarran International Airport
- National Association of Home Builders/Wells Fargo
- Nevada Department of Employment, Training and Rehabilitation
- Nevada Department of Taxation
- Nevada Department of Transportation
- Nevada Division of Welfare and Supportive Services
- Nevada Gaming Control Board
- Nevada Report Card
- NV Energy
- Regional Transportation Commission of Southern Nevada
- SalesTraq – Proprietary Data Sets
- Third Party Media Sources
- United States Bureau of Economic Analysis
- United States Bureau of Reclamation
- United States Census Bureau
- United States Energy Information Administration
- United States Green Buildings Council
- UNLV Center of Business and Economic Research
- UNLV Facts and Stats
THIS REPORT IS MADE POSSIBLE, IN PART, BY THE GENEROUS SUPPORT OF:

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