Envisioning Nevada’s Future

NEVADA VISION STAKEHOLDER GROUP
Senate Concurrent Resolution No. 37
(File No. 102, Statutes of Nevada 2009)
September 2010
NEVADA VISION STAKEHOLDER GROUP

- MISSION – To help develop 20-year strategic plans for improving Nevada’s quality of life

- SUBJECTS – Economic diversification, education, energy, health, human services, public safety, and transportation

- MEMBERS --19 voting members and 4 alternates from business, education, health care, labor, law, and public administration

- CHAIR – Robert L. Lang, Ph.D., Brookings Mountain West and UNLV (non-voting)

- CONSULTANT – Moody’s Analytics, Inc.
THE RESULTS

- FOR THE FIRST TIME IN NEVADA’S HISTORY – A FRAMEWORK OF GOALS AND STRATEGIES FOR FUTURE GROWTH AND DEVELOPMENT

- “THE REPORT . . . GIVES NEVADA A FIRST-EVER SET OF COMPREHENSIVE BASELINE INDICATORS FROM WHICH WE CAN TRACK OUR PROGRESS ON IMPROVING THE QUALITY OF LIFE FOR EVERY RESIDENT.”

- “NEVADA CLEARLY HAS THE PEOPLE AND THE RESOLVE TO MEET TODAY’S CHALLENGES AND CREATE OPPORTUNITIES FOR FUTURE GENERATIONS.”

- Chairman Rob Lang, Brookings Mountain West and UNLV
FACING THE FUTURE

- NEVADA’S PRIMARY ECONOMIC DRIVERS WILL PROVIDE LESS SUPPORT THAN THEY HAVE IN THE PAST

- BUT OUR LONG-TERM GROWTH WILL STILL EXCEED THE NATIONAL AVERAGE AND OUR RELATIVE ADVANTAGES WILL CONTINUE TO ATTRACT NEW RESIDENTS

- EVEN DURING THE ECONOMIC BOOM, WE WERE NOT MEETING MANY NEVADAN’S NEEDS

- NOW IS THE TIME TO ADDRESS THE ISSUES DIRECTLY, ACT ON THEM, AND ACHIEVE MEANINGFUL PROGRESS
KEY THEMES

- WORKFORCE DEVELOPMENT – a skilled and flexible workforce that can thrive in the 21st century economy
- CONNECTEDNESS AND COORDINATION – public-private; among communities; and with other regions and the federal government
- UTILIZATION OF FEDERAL RESOURCES – more benefit from federally managed resources within Nevada; better use of available federal funds
- INFORMATION TECHNOLOGY SOLUTIONS – to allow all types of agencies to provide services more efficiently
FOCUS ON ECONOMY

• **GOAL No. 1** – Reduce volatility in Nevada’s economy

• **Why it matters** – In 2009, Nevada’s volatility index was twice the U.S. average and the highest in the nation

• **How to measure results**
  • Volatility index *(see next slide)*
Reduce Economic Volatility
Volatility index, U.S.=100, 3-yr MA

Source: Moody's Analytics
FOCUS ON ECONOMY

• **GOAL No. 2** – Attract high-growth industries to Nevada

• *Why it matters* – In 2009, Nevada’s percentage of employment in high-tech industries was half the U.S. average

• *How to measure results*
  • Venture capital funding
  • High-tech share of total employment (*see next slide*)
  • Clean energy jobs
  • Transportation/warehousing share of total employment
  • Industrial diversity index
Fertile Ground for Tech Expansion

High-tech employment, % of total

Sources: BLS, Moody's Analytics
FOCUS ON ECONOMY

• **Key Strategies:**

  • Expand public-private research capabilities and technology transfer

  • Attract growth industries, review the State’s incentive system, and improve the already-good regulatory environment
FOCUS ON ENERGY AND ENVIRONMENT

- **GOAL** – Become a national leader in resource conservation and renewable energy production.

- **Why it matters** – We lead the U.S. in solar potential and have large geothermal resources, but growth of alternative energy has been slow. We need to continue to conserve water resources and minimize waste.

- **How to measure results**
  - Public water withdrawals per capita
  - Market share of renewable energy generating capacity (*see next slide*)
  - Municipal solid waste recycling rate
Increase Alternative Energy Production

Geothermal and solar electricity production, % share of U.S.

Source: Energy Information Administration
FOCUS ON ENERGY AND THE ENVIRONMENT

- Key strategies:
  - Secure better access to federal land for renewable energy development
  - Promote new water conservation technology for application in Nevada and for export
FOCUS ON TRANSPORTATION

- **GOAL** – Enhance the energy-efficient movement of goods and people. Strengthen connections with the Intermountain West.

- **Why it matters** – Nevada’s transportation network, with its good roads and bridges, is a major strength. But we are falling behind in access and mobility measures.

- **How to measure results**
  - Roadway and bridge condition indices (*see next slide*)
  - Commuters using alternatives to driving
  - Interstate highway centerline miles per million residents
Maintain Nevada’s High-Quality Roads

Miles of road rated good or very good, %

Source: Bureau of Transportation Statistics
FOCUS ON TRANSPORTATION

- **Key strategies:**
  - Build Interstate 11 between Las Vegas and Phoenix and seek federal support to eventually extend the highway to Reno
  - Build high-speed rail between Las Vegas and southern California
FOCUS ON EDUCATION

- **GOAL #1** – Recognize that we have a drop-out crisis and dramatically increase graduation rates

- **Why it matters** – For the 2006-07 school year, the freshman graduation rate at public schools in Nevada was 52 percent, well below national average

- **How to measure results**
  - High school freshman graduation rates (see next slide)
  - GED participation and pass rates
  - Share of labor force with at least a high school diploma
Increase High-School Graduation Rates

Averaged freshman graduation rates, public secondary schools, %

Source: U.S. Department of Education
FOCUS ON EDUCATION

• **GOAL #2** – Raise the quality of elementary and secondary education

• *Why it matters* – Per the National Assessment of Educational Performance, our 4th and 8th graders perform well below the national average

• *How to measure results*
  • No Child Left Behind, Adequate Yearly Progress
  • NAEP 4th grade test scores (*see next slide*)
Bring Achievement Into Top Third of the States

NAEP fourth grade reading score

Source: U.S. Department of Education
FOCUS ON EDUCATION

- **GOAL #3** – Increase the value of education at Nevada’s universities and colleges

- **Why it matters** – Future job opportunities will be concentrated in careers that require education beyond high school. Nevada ranks low in the number of residents completing college.

- **How to measure results**
  - Statewide six-year college graduation rate *(see next slide)*
  - University R&D funding
Increase Graduation Rates

Six-year graduation rate of bachelor’s degree students

Sources: Dept. of Education, National Center for Higher Education Management Systems
FOCUS ON EDUCATION

• **GOAL #4** – Increase early-childhood education options

• **Why it matters** – In Nevada, about 25 percent of 3- and 4-year-olds are in school, compared with 50 percent nationally

• **How to measure results**
  • Share of 3- and 4-year-olds enrolled in school (*see next slide*)
More Children in Early Education Programs

3- to 4-yr-olds enrolled in school, %

Sources: Census Bureau: American Community Survey, Moody’s Analytics
FOCUS ON EDUCATION

• Key strategies:
  
  • Increase the share of adults with at least a high school diploma or equivalent
  
  • Allow public universities to retain a larger share of tuition and to differentiate tuition for different schools and programs
FOCUS ON HEALTH AND WELL-BEING

- **GOAL No. 1** – Provide all Nevadans with access to quality health care

- **Why it matters** – Nevada ranks low in measures of health care quality and ranks 49th among states on the share of children with health insurance

- **How to measure results**
  - Share of population under 65 with no health insurance *(see next slide)*
  - Number of physicians per 10,000 population
Lack of health insurance among the non-elderly

% of population under 65 with no form of health insurance

Source: Census Bureau
FOCUS ON HEALTH AND WELL-BEING

- **GOAL No. 2** – Increase efficiency to contain costs

- **Why it matters** – Prevention programs shift demand from high-cost treatments. Community-based and residential options can deliver efficiency gains.

- **How to measure results**
  - Immunization rate at 19-35 months of age (*see next slide*)
  - Ratio of outpatient visits to ER visits
  - Federal health revenue as a share of general revenue
Childhood Immunization

Children who are fully immunized at age 19-35 mo (%)

Source: U.S. Centers for Disease Control and Prevention
FOCUS ON HEALTH AND WELL-BEING

• **GOAL No. 3** – Build strong and healthy communities

• **Why it matters** – Reducing poverty, improving food security, and improving physical and mental health will help improve worker productivity and student performance and reduce pressure on government budgets

• **How to measure results**
  - Share of families classified as food insecure
  - Obesity rate (% with BMI > 30), adult smoking rate (see next slide)
Leading Health Indicators
% of Nevada adults with BMI > 30, and share who smoke tobacco

Sources: FDA, U.S. Centers for Disease Control and Prevention
FOCUS ON HEALTH AND WELL-BEING

Key strategies:

- Expand enrollment in Medicaid and CHIP programs to expand access to health care in the near term

- Promote investment in health care information technology to lower costs and improve efficiency
FOCUS ON PUBLIC SAFETY

- **GOAL** – Improve the level of public safety

- **Why it matters** – Nevada struggles with a higher-than-average crime rate, driven largely by property crime. Nevada’s juvenile crime rate is high. Traffic deaths occur at a noticeably higher-than-average rate.

- **How to measure results**
  - Property crime rate (*see next slide*)
  - Violent crime rate
  - Juvenile crime rate
  - Fatal traffic injuries per billion miles travelled
  - Illicit drug use rate
Promote Low Crime Environment

Property crimes per 100,000 population

Sources: Census Bureau, Federal Bureau of Investigation, Moody’s Analytics
FOCUS ON PUBLIC SAFETY

• **Key strategies:**
  
  • Establish a second National Fire Academy to serve the needs of the western U.S.
  
  • Promote agency collaboration to reduce substance abuse; include rehabilitation options
MEASURING PROGRESS

• For these efforts to be of lasting use, we must monitor progress toward the goals. Tracking will allow us to make mid-course corrections or adopt alternative strategies.

• Each goal includes associated performance measures with 5-, 10-, and 20-year benchmarks. There are 35 total measures.

• After 20 years, successful implementation of the strategies will significantly advance Nevada’s rankings among peer states.