

**Nevada Rural and Frontier Health  
Data Book  
2002 Edition**

**Nevada Office of Rural Health  
University of Nevada  
School of Medicine**

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# **Nevada Rural and Frontier Health Data Book – 2002 Edition**

**Prepared by:**

**John Packham, PhD  
Director, Nevada Rural Hospital Flexibility  
(FLEX/CAH) Program  
Health Policy Analyst, Nevada Office of Rural Health  
University of Nevada School of Medicine  
411 West Second Street / Room 110  
Reno, Nevada 89503-5308  
(775) 784-1235 / FAX: (775) 784-1137  
[jfp@unr.edu](mailto:jfp@unr.edu)**

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# **Nevada Rural and Frontier Health Data Book – 2002 Edition**

## **Introduction: Health and Health Care in Rural and Frontier Nevada**

*“Facts, data and statistics cannot create solutions – they must be turned into information on which arguments can be based and comparisons drawn to support options that are favorable for change.”*

Thomas Ricketts in *Rural Health in the United States* (1999)

### **OVERVIEW**

The *Nevada Rural and Frontier Data Book – 2002 Edition* contains a wide-range of information on population health and the health care delivery system in rural and frontier regions of Nevada. It includes important data for public policy makers, health care professionals and administrators, rural health care advocates, and, importantly, the residents of rural and frontier Nevada. The primary purpose of the data book is to provide the most current and accurate data for these audiences, as well as those interested in learning more about health and health care in Nevada.

The development of this data book is several years in the making. It's genesis lies in a desire by the Nevada Office of Rural Health to develop a single-volume compendium of information for program development, grant writing, rural health advocacy, and legislative testimony. Over the past several years, we have learned that a number of individuals and organizations share a similar interest in the development of such a volume. As such, with the encouragement and support of our colleagues in the rural health community in Nevada, we pursued and now present the first edition of the *Nevada Rural and Frontier Data Book*.

Utilizing a number of existing public and private data sources and data sets, as well as unpublished data collected by the Nevada Office of Rural Health, much of the data are presented at the county level and then aggregated to highlight important distinctions between rural and frontier versus urban Nevada. In some cases, the only available data is regional in nature, e.g., prevalence of behavioral risk factors to health in urban versus rural Nevada.

It should also be noted that, with the state's rapid population growth and changes in the health care delivery system, some of the data are quickly becoming dated and, thus, must be treated with caution. For example, the most recent data on the uninsured are estimates for the year 1999. Since that time, the state and nation have experienced a mild recession, which would presumably affect the number and percent of uninsured Nevadans. Nonetheless, all of the information presented in this volume is, to our best knowledge, the most current available.

*Nevada Rural and Frontier Data Book* is divided into five major sections containing the most current data on:

- The demographic, social, and economic characteristics of rural and frontier Nevada;
- Population health and health insurance coverage in rural and frontier Nevada;
- The health care workforce in rural and frontier Nevada;
- Health care resources in rural and frontier Nevada; and
- Economic aspects of health care in rural and frontier Nevada.

The data sources and notes for each table presented in the data book are contained the book's Appendix.

## **HEALTH AND HEALTH CARE IN RURAL AND FRONTIER NEVADA**

The data presented in the *Nevada Rural and Frontier Health Data Book* highlight important differences – and, where they exist, similarities – among rural, urban, and frontier areas of Nevada. Indeed, the premise of this data book is that characteristics distinguishing urban from rural and frontier areas have important impacts on population health and access to health care services. For example, the age distribution of a county has a significant influence on the health status and health care needs of a population. And, all things being equal, rural counties tend to have an older population than urban counties. An older population, in turn, is typically at a greater risk of serious illness and death than a younger population, and uses a disproportionately larger share of health care resources. In general, urban, rural and frontier areas possess important differences in demographics, economics, and social characteristics, which produce differences in health priorities, population health, health related behaviors, the delivery of health services, and access to health care (Eberhardt, et al., 2001; Ricketts, 1999).

The federal government uses two principal definitions of what is rural versus urban: the Office of Management and Budget's (OMB) "metropolitan-nonmetropolitan" classification scheme and the U.S. Census Bureau's "urban-rural" classification of populations (Ricketts, et al. 1998). The identification of areas as "urban" versus "rural" or "metropolitan" versus "non-metropolitan" is important, since the way in which a county is defined or designated determines an area's eligibility for state and federal health programs and, thus, the allocation of health care resources. The Census Bureau defines urban as comprising all territory, population, and housing units located in urbanized areas (UAs) and adjacent places with at least 2,500 or more inhabitants outside of UAs. Urban areas, in turn, are defined as a continuously built-up area with a population of 50,000 or more. All territories, populations, and housing units that the Census Bureau does not classify as urban are essentially classified as rural. Policymakers also utilize the OMB classification scheme. Metropolitan and non-metropolitan areas are defined at the county level by OMB. Basically, metropolitan areas consist of a core county with at least one city of 50,000 or more residents. A metropolitan area can also consist of a Census-Bureau defined area urbanized area or UA with a total population of 100,000 or more. The OMB also defines fringe counties that are economically tied to core counties (e.g., Nye County in Nevada) as metropolitan. The OMB defines those non-metropolitan counties lying outside the boundaries of metropolitan areas and have no cities of 50,000 or more residents as non-metropolitan areas (Ricketts, et al. 1998).

In practice, researchers and policy makers utilize some variation of these two systems to target programs, services, and projects to populations in Nevada and the United States. Most of the county-level data presented in this volume adheres to Census Bureau's classification scheme. Map 1 highlights the state's three urban counties (shaded in gray) and the fourteen rural and frontier counties (white or blank). According to the 2000 US Census, 1,767,708 Nevadans or 88.5% of the state's population reside in the state's three urban counties. Nearly 70% of the state's population resides in Clark County alone. In turn, 230,549 residents or 11.5% of Nevada's population reside in the state's rural and frontier counties. The rural and frontier population is spread over 95,763 square miles or 86.6% of the state's land mass. While the percentage of the state's population residing in rural areas is expected to decline over the next decade, the absolute number of rural and frontier residents is projected to increase by approximately 23,000 through the year 2012.

New research methods, as well as improvements in geographic information systems have made it possible to refine our identification and understanding of urban and rural America. One of the more important recent developments has been the distinction between "rural" and "frontier" regions. A definition of frontier has been developed by the Frontier Education Center with consensus from state health planners and rural health professionals throughout the country to establish criteria that would allow certain areas of the country to be qualified as more remote than rural.

The Frontier Education Center's definition utilizes a matrix tool that assesses an area's population density, and distance to tertiary health care services in terms of time and mileage. Point values for each of these criteria determine an area's designation as frontier. Frontier characteristics significantly effect the type of health care system that can be supported in isolated areas. The distinction between rural and frontier provides policy makers with a framework to consider how resource allocation decisions need to consider the factors that isolate communities from health services, and how these communities must address sustainability of the services their residents demand. Ultimately, consideration of how frontier communities operate differently than rural and urban communities will improve the ability of federal, state, and local agencies to allocate resources and programs in a way that meets the needs of these remote areas. When the frontier definition is applied in Nevada, most of Nevada's traditional "rural" counties actually qualify as frontier, and only Douglas County remains as rural area.

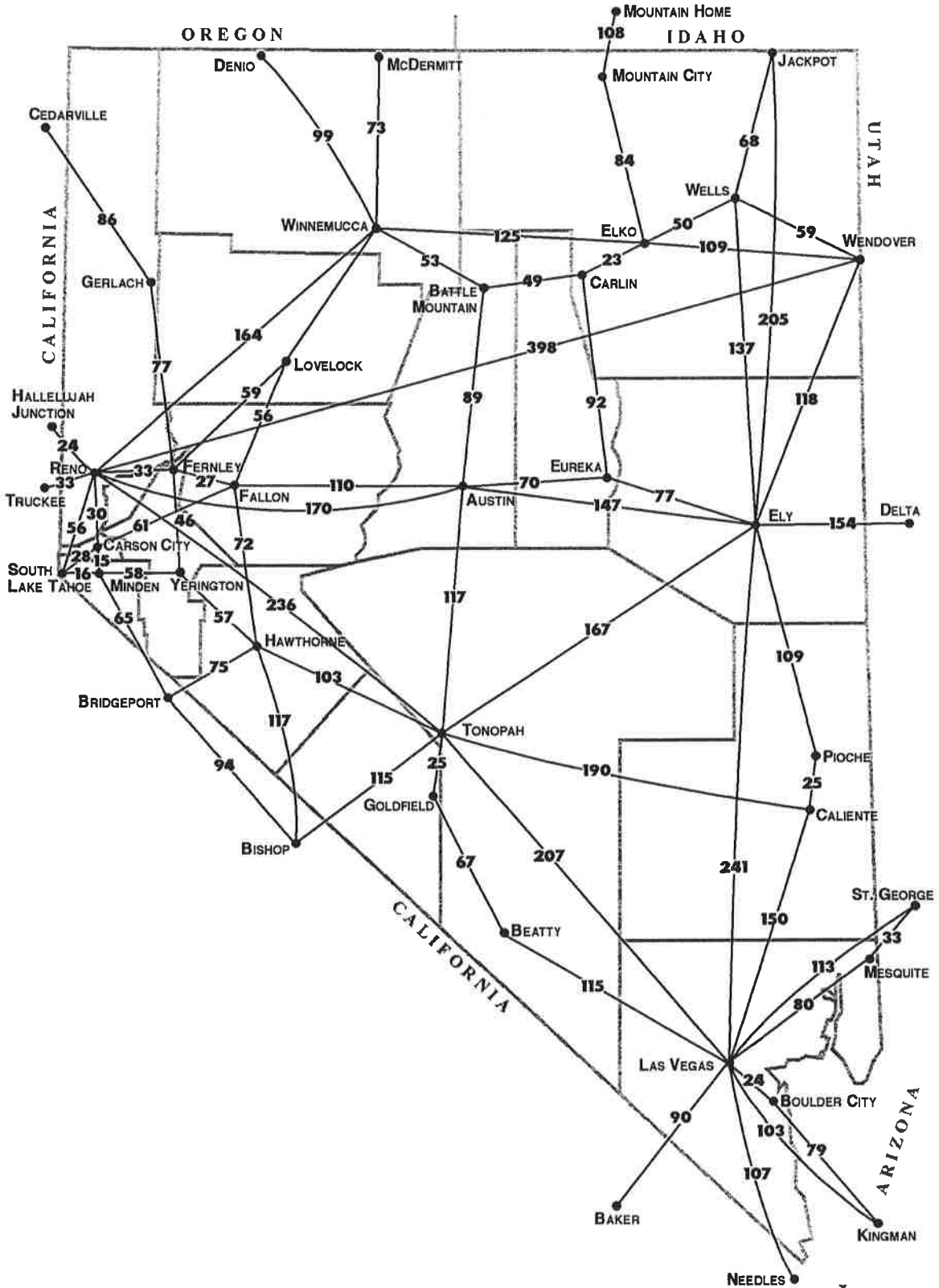
It is abundantly clear that most of Nevada's rural and frontier communities are located in sparsely populated counties that are considerable distances from the state's urban and tertiary care centers. Map 2 underscores the vast distances separating the state's rural communities from urban centers, as well as the considerable distances separating these communities from one another. The average distance between acute care hospitals in rural Nevada and the next level of care is 144 miles and the average distance to the nearest incorporated town is 52 miles. Consequently, the primary health care delivery issue for rural residents and communities in Nevada is how best to overcome the spatial isolation and enormous geographic distances that characterize most of rural and frontier Nevada.

Despite these obstacles, rural and frontier communities have developed a wide range of primary health care services and emergency medical care. Map 3 provides a current snapshot of the major health care services available to rural and frontier residents of Nevada (this map excludes the offices of individual physicians or other health providers). While most of the state's tertiary care centers and health resources are concentrated in the state's three urban counties, a large number of acute care hospital services, clinics and medical centers, and emergency medical services are scattered across each of the state's fourteen rural and frontier counties. These facilities and services – described in greater detail throughout this data book – provide most of the basic health care received by our state's rural and frontier populations.

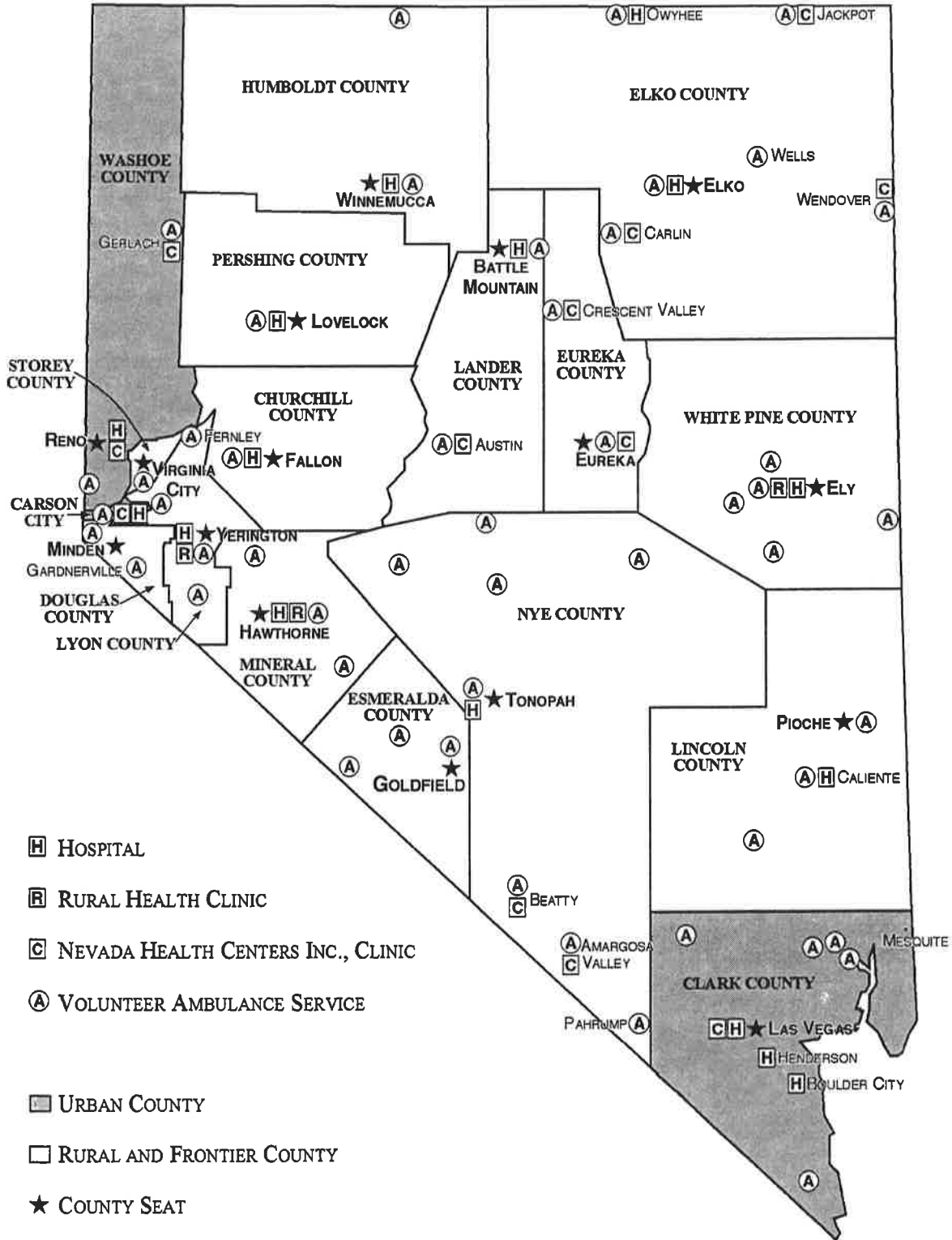
# Map 1: Nevada Counties, County Seats, and Towns



## Map 2: Nevada Mileage Diagram



### Map 3: Nevada's Rural and Frontier Hospitals, Community Health Centers, Rural Health Clinics, and Ambulance Services — 2002



## DATA BOOK SECTIONS AND CONTENTS

The first section of the *Nevada Rural and Frontier Data Book* contains the most current data on the demographic, social, and economic characteristics of rural and frontier Nevada, including data on:

- *Population and Population Density.* According to the US Census Bureau, Nevada's rural and frontier population is 230,549 or 11.5% of the state's population. By comparison, the state's urban population is nearly 1,767,708 or 88.5% of the total state population. The average population density of rural and frontier Nevada is 2.4 persons per square mile, with a range of 0.3 persons per square mile in Esmeralda County to 56.0 persons per square mile in Douglas County (See Tables 1.1 and 1.2).
- *Population Change and Projections.* From 1990 to 2000, the state's rural and frontier population grew by 65,761 or 39.8%. Ten rural and frontier counties experienced population growth, while four experienced a net loss in population. According to the Nevada State Demographer, through the year 2012, the state's rural and frontier population is expected to grow by about 23,000 or approximately 9.5%. Nine rural and frontier counties are projected to lose population, while five are expected to lose population during the next decade (See Tables 1.3 and 1.4).
- *Population Aging and Diversification.* By most measures, the population of rural and frontier Nevada is aging. From 1990 to 2000, the number of Nevadans aged 65 and over in rural and frontier Nevada grew by 10,624 or 60%. Nevada's rural and frontier population has not only grown and grown older over the past decade, it has also become more diverse. From 1990 to 2000, the number of Hispanic residents in rural and frontier regions increased by 12,614 or nearly 80% (See Tables 1.5 and 1.11).
- *Personal Income.* With the notable exception of Douglas County, per capita income and income growth in rural and frontier Nevada lags behind that of urban Nevada. For example, as a percent of US per capita income, per capita income in urban Nevada ranges from 97 to 118%, whereas levels in most of rural and frontier Nevada (Douglas County excluded) range from 57 to 87% (See Tables 1.12 through 1.17).
- *Poverty.* While the percent of individuals and families in poverty is lower in rural and frontier Nevada as compared to urban areas, the percent of families in poverty that are headed by a female with no husband present is greater in rural and frontier regions (24.9%) than urban areas (19.4%) (See Tables 1.18 and 1.19).

- *Educational Attainment.* The percent of county residents in rural and frontier regions of Nevada who have graduated from high school, hold a bachelor's degree or higher, or are enrolled in college or graduate school are generally lower than the state average (See Table 1.20).
- *Labor Market Conditions.* Due to the dependence of rural and frontier communities on agriculture and mining, unemployment rates are generally higher and more volatile in rural and frontier regions of Nevada than urban areas. For instance, during the first quarter of 2002, unemployment rates ranged from 4.5% in Eureka County to 9.1% in Lyon County, as compared to the overall state rate of 6.3% (See Tables 1.21 and 1.22).

The second section of the *Nevada Rural and Frontier Data Book* contains the most current data on population health and health insurance coverage in rural and frontier Nevada, including information on:

- *Health Insurance Coverage and the Uninsured.* The percent of rural and frontier populations who lack health insurance coverage and who are enrolled in public health insurance programs generally mirrors trends in urban areas of Nevada. In 1999, the estimated percent of uninsured Nevadans in rural and frontier areas ranges from 15.6% in Storey County to 19.7% in Humboldt County (See Tables 2.1 through 2.3).
- *Managed Care Penetration.* Managed care penetration is greater in urban as compared to rural and frontier Nevada. For instance, while approximately one-fifth of urban Nevadans are enrolled in a commercial HMO, a little over 5,000 rural and frontier residents are enrolled in a commercial HMO (See Table 2.4).
- *Population Health Status and Health Behaviors.* While many population health trends in rural and frontier Nevada reflect urban and statewide trends, there are a number of notable exceptions. For example, mortality rates for heart disease and cancer are lower in rural and frontier as compared to urban Nevada, while death rates for suicide and motor vehicle crashes are higher (See Tables 2.5 through 2.8).

The third section of the *Nevada Rural and Frontier Data Book* contains the most current data on the health care workforce in rural and frontier Nevada, including data on:

- *Health Professional Shortage Areas and Medically Underserved Areas.* The shortage of health professionals is endemic to rural and frontier regions of Nevada – indeed, most of the state's fourteen rural and frontier counties are federally designated health professional shortage areas and state-designated underserved areas (See Tables 3.1 and 3.2).

- *Geographic Distribution of Health Professionals.* There is considerable variation across rural and frontier Nevada in the distribution of physicians and other health care providers. In general, the per capita number of health professionals is lower in rural and frontier areas than urban areas of the state. For example, the number of primary care physicians ranges from 1 per 918 residents in Eureka County to 1 per 8,523 residents in Lyon County (Two counties – Esmeralda and Storey – have no primary care physicians) (See Tables 3.3 through 3.5, and 3.9).
- *Occupational Projections for Health Care Professionals.* The projected growth in demand for a wide range of health professionals in rural and frontier Nevada is comparatively modest as compared to urban Nevada. For example, rural and frontier employers will add an estimated 360 registered nurse positions as compared to 4,7000 in urban areas through the year 2008. Nonetheless, rural and frontier hospitals and clinics are at a competitive disadvantage to their urban counterparts for recruiting and retaining new health professions graduates and qualified personnel (See Tables 3.6 and 3.7, and 3.10 through 3.18).

The fourth section of the *Nevada Rural and Frontier Data Book* contains the most current data on health care resources in rural and frontier Nevada, including information on:

- *The Unique Geography of Health Care in Nevada.* The average distance between rural and frontier acute-care hospitals and urban centers or the next level of care is 144.3 miles (See Table 4.1).
- *Characteristics of Rural and Frontier Hospital Facilities.* The number of licensed hospital beds in Nevada’s rural and frontier hospitals ranges from 8 at the Incline Village Community Hospital to 75 at the Northeastern Nevada Regional Medical Center in Elko. In contrast, the number of licensed beds in urban areas of Nevada range from 67 at Boulder City Hospital to 688 at Sunrise Hospital and Medical Center (See Tables 4.2 through 4.7).
- *Rural and Frontier Clinics, Tribal Facilities, and Telemedicine Network.* For example, the state’s telemedicine network presently links 15 rural and frontier sites with clinical and teaching sites in Reno and Las Vegas (See Tables 4.8 through 4.10).

The fifth section of the *Nevada Rural and Frontier Data Book* contains the most current data on the economic aspects of health care in rural and frontier Nevada, including data on:

- *Impact of the Hospital Sector and Overall Health Sector on Employment in Rural and Frontier Nevada.* In 1999, the health sector in rural and frontier Nevada employed an estimated 3,667 individuals. An additional 1,006 jobs were created in local economies as a result of health sector economic activity for a total employment impact of 4,673 in rural and frontier areas of Nevada (See Tables 5.1 and 5.2).
- *Impact of the Hospital Sector and Overall Health Sector on Income in Rural and Frontier Nevada.* In 1999, the hospital sector in rural and frontier Nevada generated an estimated \$56,859,118 in personal income. An additional \$12,948,196 in income was generated in local economies as a result of hospital sector economic activity for a total income impact of \$69,807,314 in rural and frontier areas of Nevada in 1999 (See Tables 5.3 and 5.4).
- *Hospital Utilization Trends and Financial Performance.* During the fiscal year ending on June 30, 2001, rural and frontier hospitals made an average profit of \$282 per adjusted admission as compared to \$327 for all Nevada hospitals. During the same period, rural and frontier hospitals made an average profit of \$96 per adjusted inpatient day as compared to \$71 for all Nevada hospitals (See Tables 5.5 through 5.9).

The data sources and notes for each table presented in the data book are contained the book's Appendix.

## ACKNOWLEDGMENTS

I would like to thank the numerous individuals, organizations, and agencies who assisted me in the preparation of the data book. I would particularly like to thank Caroline Ford, Gerald Ackerman, Teryl Eisinger, Julie Redding, Michelle Johnson, and Sharon Torres in the Nevada Office of Rural Health who assisted me with data collection, editing, and chores related to the preparation of this report; Dr. Tom Harris at the University of Nevada Center for Economic Development; Jon Smith at Nevada Rural Hospital Partners (NRHP); Muhammed Quddus at the Nevada Department of Employment, Training and Rehabilitation (DETR); Julie Eardley who prepared the data book's map and cover design; and the numerous individuals in the Nevada Health Division and the Division of Health Care Financing and Policy (Nevada Medicaid) within the Nevada Department of Human Resources; and the Nevada State Demographer's Office. The responsibility for any errors of omission or commission are mine alone.

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In closing, since health and health care in rural and frontier Nevada are ever-changing, our ambition is to update and distribute this volume on an annual basis – we anticipate adding and updating information as we become aware of relevant data and data sources, and as our data collection efforts develop through the normal operations of the Nevada Office of Rural Health. If your organization or agency utilizes the data book, we would appreciate learning more about how you have used it and how future editions can be improved. As such, please send your comments and suggestions, as well as requests for additional copies to me at [jfp@unr.edu](mailto:jfp@unr.edu).

*Reno, Nevada*  
*July 1, 2002*

John Packham, PhD  
Nevada Office of Rural Health  
University of Nevada School of Medicine

# **Nevada Rural and Frontier Health Data Book – 2002 Edition**

## **Section 1: Demographic, Social, and Economic Profile of Rural and Frontier Nevada**

**Table 1.1: Nevada Population, Housing Units, and Geography – 2000**

COUNTY/REGION	POPULATION		HOUSING UNITS		GEOGRAPHY	
	Number	Percent of State	Number	Percent of State	Area in Square Miles	Percent of State
<b>RURAL COUNTY</b>						
• Douglas County	41,259	2.07%	19,006	2.30%	737.7	0.67%
<b>FRONTIER COUNTIES</b>						
• Churchill County	23,982	1.20%	9,732	1.18%	5,023.4	4.54%
• Elko County	45,291	2.27	18,456	2.23	17,202.9	15.56
• Esmeralda County	971	0.01	833	0.10	3,589.0	3.25
• Eureka County	1,651	0.01	1,025	0.12	4,180.0	3.78
• Humboldt County	16,106	0.81	6,954	0.84	9,657.9	8.74
• Lander County	5,794	0.29	2,780	0.34	5,519.5	4.99
• Lincoln County	4,165	0.21	2,178	0.26	10,636.8	9.62
• Lyon County	34,501	1.73	14,279	1.73	2,016.4	1.82
• Mineral County	5,071	0.25	2,866	0.35	3,813.0	3.45
• Nye County	32,485	1.63	15,934	1.93	18,158.7	16.42
• Pershing County	6,693	0.35	2,389	0.29	6,067.6	5.49
• Storey County	3,399	0.17	1,596	0.19	263.8	0.24
• White Pine County	9,181	0.46	4,439	0.54	8,896.6	8.05
<i>Rural and Frontier Subtotal</i>	<i>230,549</i>	<i>11.54%</i>	<i>102,467</i>	<i>12.38%</i>	<i>95,763.3</i>	<i>86.62%</i>
<b>URBAN COUNTIES</b>						
• Carson City	52,457	2.63%	21,283	2.57%	155.7	0.14%
• Clark County	1,375,765	68.85	559,799	67.65	8,090.7	7.32
• Washoe County	339,486	16.99	143,908	17.39	6,551.3	5.93
<i>Urban Subtotal</i>	<i>1,767,708</i>	<i>88.47%</i>	<i>724,990</i>	<i>87.62%</i>	<i>14,797.7</i>	<i>13.39%</i>
<b>NEVADA – TOTAL</b>	<b>1,998,257</b>	<b>100%</b>	<b>827,457</b>	<b>100%</b>	<b>110,560.7</b>	<b>100%</b>

**Table 1.2: Nevada Population and Housing Density – 2000**

COUNTY/REGION	POPULATION	HOUSING UNITS	AREA in SQUARE MILES	DENSITY	
				Population per Square Mile	Housing Units per Square Mile
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	23,982	9,732	5,023	4.8	1.9
• Douglas County	41,259	19,006	737	56.0	25.8
• Elko County	45,291	18,456	17,202	2.6	1.1
• Esmeralda County	971	833	3,589	0.3	0.2
• Eureka County	1,651	1,025	4,180	0.4	0.3
• Humboldt County	16,106	6,954	9,657	1.7	0.7
• Lander County	5,794	2,780	5,519	1.1	0.2
• Lincoln County	4,165	2,178	10,636	0.4	0.2
• Lyon County	34,501	14,279	2,016	17.1	7.1
• Mineral County	5,071	2,866	3,813	1.3	0.8
• Nye County	32,485	15,934	18,158	1.8	0.9
• Pershing County	6,693	2,389	6,067	1.1	0.4
• Storey County	3,399	1,596	263	12.9	6.1
• White Pine County	9,181	4,439	8,896	1.0	0.5
<i>Rural and Frontier Subtotal</i>	<i>230,549</i>	<i>102,467</i>	<i>95,763</i>	<i>2.4</i>	<i>1.1</i>
<b>URBAN COUNTIES</b>					
• Carson City	52,457	21,283	155	338.4	137.3
• Clark County	1,375,765	559,799	8,090	170.1	69.2
• Washoe County	339,486	143,908	6,551	51.8	22.0
<i>Urban Subtotal</i>	<i>1,767,708</i>	<i>724,990</i>	<i>14,797</i>	<i>119.5</i>	<i>49.0</i>
<b>NEVADA – TOTAL</b>	<b>1,998,257</b>	<b>827,457</b>	<b>110,560</b>	<b>18.1</b>	<b>7.5</b>

**Table 1.3: Population for Nevada by County – 1990 to 2000**

REGION/COUNTY	POPULATION		POPULATION CHANGE – 1990 to 2000	
	1990	2000	Number	Percent
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	17,938	23,982	6,044	33.7%
• Douglas County	27,637	41,259	13,622	49.3
• Elko County	33,530	45,291	11,761	35.1
• Esmeralda County	1,344	971	- 373	- 27.8
• Eureka County	1,547	1,651	104	6.7
• Humboldt County	12,844	16,106	3,262	25.4
• Lander County	6,266	5,794	- 472	- 7.5
• Lincoln County	3,775	4,165	390	10.3
• Lyon County	20,001	34,501	14,500	72.5
• Mineral County	6,745	5,071	- 1,404	- 21.7
• Nye County	17,781	32,485	14,704	82.7
• Pershing County	4,336	6,693	2,357	54.4
• Storey County	2,526	3,399	873	34.6
• White Pine County	9,264	9,181	- 83	- 0.9
<i>Rural and Frontier Subtotal</i>	<i>165,161</i>	<i>230,922</i>	<i>65,761</i>	<i>39.8%</i>
<b>URBAN COUNTIES</b>				
• Carson City	40,433	52,457	12,014	29.7%
• Clark County	741,459	1,375,765	634,306	85.5
• Washoe County	254,667	339,486	84,819	33.3
<i>Urban Subtotal</i>	<i>1,036,559</i>	<i>1,767,708</i>	<i>731,139</i>	<i>70.5%</i>
<b>TOTAL – NEVADA</b>	<b>1,201,833</b>	<b>1,998,257</b>	<b>796,424</b>	<b>66.3%</b>

**Table 1.4: Population Projections for Nevada  
by County – 2002 to 2012**

REGION/COUNTY	POPULATION			PROJECTED POPULATION CHANGE – 2002 to 2012	
	Estimated 2002	Projected 2007	Projected 2012	Number	Percent
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	25,405	25,962	27,112	1,707	6.72%
• Douglas County	43,407	44,669	46,092	2,685	6.19
• Elko County	47,334	48,228	49,064	1,730	3.66
• Esmeralda County	1,043	1,062	1,088	45	4.32
• Eureka County	1,564	1,702	1,786	222	14.19
• Humboldt County	16,448	16,782	16,711	263	1.60
• Lander County	5,762	5,570	5,488	– 274	– 4.76
• Lincoln County	3,852	3,873	4,072	220	5.71
• Lyon County	38,463	42,917	45,462	6,999	18.20
• Mineral County	4,507	3,811	3,643	– 864	– 19.17
• Nye County	35,780	41,481	45,818	10,038	28.06
• Pershing County	6,379	4,818	4,127	2,252	– 35.30
• Storey County	3,647	3,479	3,403	– 244	– 6.70
• White Pine County	8,560	7,550	6,942	– 1,618	– 18.90
<i>Rural and Frontier Subtotal</i>	<i>242,151</i>	<i>251,904</i>	<i>260,808</i>	<i>23,161</i>	<i>9.57%</i>
<b>URBAN COUNTIES</b>					
• Carson City	55,093	59,255	62,497	7,404	13.44%
• Clark County	1,559,033	1,845,895	1,986,911	427,878	27.45
• Washoe County	357,187	379,977	402,457	45,270	12.67
<i>Urban Subtotal</i>	<i>1,971,313</i>	<i>2,285,127</i>	<i>2,451,865</i>	<i>480,552</i>	<i>24.38%</i>
<b>TOTAL – NEVADA</b>	<b>2,213,464</b>	<b>2,537,031</b>	<b>2,712,675</b>	<b>503,173</b>	<b>22.73%</b>

**Table 1.5: Nevadans Aged 65 and Over by County – 1990 to 2000**

REGION/COUNTY	POPULATION		POPULATION CHANGE – 1990 to 2000	
	1990	2000	Number	Percent
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	2,297	2,865	568	24.73%
• Douglas County	3,352	6,257	2,905	86.67
• Elko County	2,042	2,676	634	31.05
• Esmeralda County	148	167	19	12.84
• Eureka County	128	205	77	60.16
• Humboldt County	934	1,213	279	29.87
• Lander County	371	403	32	8.63
• Lincoln County	599	673	74	12.35
• Lyon County	3,019	4,743	1,724	57.11
• Mineral County	846	1,005	159	18.79
• Nye County	2,179	5,984	3,805	174.62
• Pershing County	504	520	16	3.18
• Storey County	263	446	183	69.58
• White Pine County	1,090	1,239	149	13.67
<i>Rural and Frontier Subtotal</i>	<i>17,772</i>	<i>28,396</i>	<i>10,624</i>	<i>59.78%</i>
<b>URBAN COUNTIES</b>				
• Carson City	6,041	7,837	1,796	29.73%
• Clark County	77,678	146,899	69,221	89.11
• Washoe County	26,140	35,797	9,657	36.94
<i>Urban Subtotal</i>	<i>109,859</i>	<i>190,533</i>	<i>80,674</i>	<i>73.43%</i>
<b>TOTAL – NEVADA</b>	<b>127,631</b>	<b>218,929</b>	<b>91,298</b>	<b>71.53%</b>

**Table 1.6: Median Age of Nevadans by County – 1990 to 2000**

REGION/COUNTY	MEDIAN AGE – YEARS		CHANGE – 1990 to 2000	
	1990	2000	Number of Years	Percent
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	32.9	34.7	1.8	5.5%
• Douglas County	36.1	41.7	5.6	15.5
• Elko County	29.4	31.2	1.8	6.1
• Esmeralda County	35.9	45.1	9.2	25.6
• Eureka County	30.6	38.3	7.7	25.2
• Humboldt County	30.6	33.4	2.8	9.2
• Lander County	28.9	34.1	5.2	18.0
• Lincoln County	33.4	38.8	4.4	13.2
• Lyon County	36.4	38.2	1.8	5.0
• Mineral County	33.9	42.9	9.0	26.6
• Nye County	36.4	42.9	6.5	17.9
• Pershing County	31.5	34.4	2.9	9.2
• Storey County	37.6	44.5	6.9	18.4
• White Pine County	33.7	37.7	4.0	11.9
<b>URBAN COUNTIES</b>				
• Carson City	36.5	38.7	2.2	6.0%
• Clark County	33.0	34.4	1.4	4.2
• Washoe County	33.6	35.6	2.0	6.0
<b>TOTAL – NEVADA</b>	<b>33.3</b>	<b>35.0</b>	<b>1.7</b>	<b>5.1%</b>

**Table 1.7: Nevada Population by Selected Racial  
and Ethnic Categories by County – 2000**

COUNTY/REGION	SINGLE RACE OF NON HISPANIC ORIGIN				HISPANIC ORIGIN OF ANY RACE
	White	Black	Native American	Asian and Pacific Islander	
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	20,192	383	1146	703	2,076
• Douglas County	37,908	129	692	580	3,057
• Elko County	37,159	267	2400	358	8,935
• Esmeralda County	796	1	50	2	99
• Eureka County	1,474	7	26	14	158
• Humboldt County	13,401	82	647	103	3,040
• Lander County	4,891	12	231	22	1,073
• Lincoln County	3,811	74	73	15	221
• Lyon County	30,576	225	844	257	3,784
• Mineral County	3,747	242	779	46	428
• Nye County	29,117	383	636	358	2,713
• Pershing County	5,200	358	229	57	1,294
• Storey County	3,161	10	49	38	174
• White Pine County	7,928	380	302	94	1,008
<i>Rural and Frontier Subtotal</i>	<i>199,361</i>	<i>2,553</i>	<i>8,104</i>	<i>2,647</i>	<i>28,060</i>
<b>URBAN COUNTIES</b>					
• Carson City	44,744	946	1,259	1,006	7,466
• Clark County	984,796	124,855	10,895	79,959	302,143
• Washoe County	272,985	7,093	6,162	16,079	56,301
<i>Urban Subtotal</i>	<i>1,302,525</i>	<i>132,894</i>	<i>18,316</i>	<i>97,044</i>	<i>365,910</i>
<b>TOTAL – NEVADA</b>	<b>1,501,886</b>	<b>135,447</b>	<b>26,420</b>	<b>99,691</b>	<b>393,970</b>

**Table 1.8: Percent of Nevada Population by Selected Racial and Ethnic Categories by County – 2000**

COUNTY/REGION	PERCENT OF POPULATION SINGLE RACE OF NON HISPANIC ORIGIN				PERCENT OF POPULATION HISPANIC ORIGIN OF ANY RACE
	White	Black	Native American	Asian and Pacific Islander	
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	84.2%	1.6%	4.8%	2.9%	8.7%
• Douglas County	91.9	0.3	1.7	1.5	7.4
• Elko County	82.0	0.6	5.3	0.8	19.7
• Esmeralda County	82.0	0.1	5.1	0.2	10.2
• Eureka County	89.3	0.4	1.6	0.9	9.6
• Humboldt County	83.2	0.5	4.0	0.7	18.9
• Lander County	84.4	0.2	4.0	0.3	18.5
• Lincoln County	91.5	1.8	1.8	0.3	5.3
• Lyon County	88.6	0.7	2.4	0.7	11.0
• Mineral County	73.9	4.8	15.4	0.9	8.4
• Nye County	89.6	1.2	2.0	1.1	8.4
• Pershing County	77.7	5.3	3.4	0.8	19.3
• Storey County	93.0	0.3	1.4	1.1	5.1
• White Pine County	86.4	4.1	3.3	1.0	11.0
<i>Rural and Frontier Subtotal</i>	<i>86.5%</i>	<i>1.1%</i>	<i>3.5%</i>	<i>1.2%</i>	<i>12.2%</i>
<b>URBAN COUNTIES</b>					
• Carson City	85.3%	1.8%	2.4%	1.9%	14.2%
• Clark County	71.6	9.1	0.8	5.8	22.0
• Washoe County	80.4	2.1	1.8	4.8	16.6
<i>Urban Subtotal</i>	<i>73.7%</i>	<i>7.5%</i>	<i>1.5%</i>	<i>5.5%</i>	<i>20.7%</i>
<b>TOTAL – NEVADA</b>	<b>75.2%</b>	<b>6.8%</b>	<b>1.3%</b>	<b>4.9%</b>	<b>19.7%</b>

**Table 1.9: Hispanic Population Change in Nevada by County – 1990 to 2000**

REGION/COUNTY	HISPANIC POPULATION		HISPANIC POPULATION CHANGE – 1990 to 2000	
	1990	2000	Number	Percent
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	1,008	2,076	1,068	106.0%
• Douglas County	1,652	3,057	1,405	85.1
• Elko County	4,339	8,935	4,596	105.9
• Esmeralda County	125	99	- 26	- 20.8
• Eureka County	138	158	20	14.5
• Humboldt County	2,335	3,040	705	30.2
• Lander County	789	1,073	284	10.7
• Lincoln County	156	221	65	41.7
• Lyon County	1,511	3,784	2,273	150.4
• Mineral County	546	428	- 118	- 21.6
• Nye County	1,237	2,713	1,476	119.3
• Pershing County	662	1,294	632	95.5
• Storey County	96	174	78	81.3
• White Pine County	852	1,008	156	18.3
<i>Rural and Frontier Subtotal</i>	<i>15,446</i>	<i>28,060</i>	<i>12,614</i>	<i>79.7%</i>
<b>URBAN COUNTIES</b>				
• Carson City	3,110	7,466	4,356	140.1%
• Clark County	82,904	302,143	219,239	264.5
• Washoe County	22,959	56,301	33,342	145.2
<i>Urban Subtotal</i>	<i>108,973</i>	<i>365,910</i>	<i>256,937</i>	<i>235.8%</i>
<b>TOTAL – NEVADA</b>	<b>124,419</b>	<b>393,970</b>	<b>269,551</b>	<b>216.4%</b>

**Table 1.10: Population by Nativity and Place of Birth  
by County in Nevada – 2000**

REGION/COUNTY	NATIVE POPULATION			FOREIGN BORN POPULATION	
	Number Born in Nevada	Number Born in Another US State	Number Born Outside of the US	Number Who are Naturalized Citizens	Number Who are Not Naturalized Citizens
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	6,973	15,184	388	705	732
• Douglas County	6,525	32,005	370	1,173	1,186
• Elko County	13,070	27,245	340	1,538	3,098
• Esmeralda County	139	766	3	27	36
• Eureka County	499	1,010	14	30	98
• Humboldt County	5,268	9,078	91	738	931
• Lander County	1,904	3,315	21	237	317
• Lincoln County	1,246	2,747	27	47	98
• Lyon County	9,278	22,767	369	997	1,090
• Mineral County	1,928	3,005	14	73	51
• Nye County	6,493	24,037	326	741	888
• Pershing County	2,209	3,987	27	186	284
• Storey County	780	2,515	30	46	28
• White Pine County	3,884	4,924	104	149	120
<i>Rural and Frontier Subtotal</i>	<i>60,196</i>	<i>152,585</i>	<i>2,124</i>	<i>6,687</i>	<i>8,957</i>
<b>URBAN COUNTIES</b>					
• Carson City	12,486	34,366	400	1,655	3,550
• Clark County	262,593	845,020	20,401	90,437	157,314
• Washoe County	90,351	197,889	3,253	18,007	29,986
<i>Urban Subtotal</i>	<i>365,430</i>	<i>1,077,275</i>	<i>24,054</i>	<i>110,099</i>	<i>190,850</i>
<b>TOTAL – NEVADA</b>	<b>851,252</b>	<b>1,229,860</b>	<b>26,178</b>	<b>116,786</b>	<b>199,807</b>

**Table 1.11: Percent of Population by Nativity and Place of Birth by County in Nevada – 2000**

REGION/COUNTY	NATIVE POPULATION			FOREIGN BORN POPULATION	
	Percent Born in Nevada	Percent Born in Another US State	Percent Born Outside of the US	Percent Who are Naturalized Citizens	Percent Who are Not Naturalized Citizens
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	29.1%	63.3%	1.6%	2.9%	3.1%
• Douglas County	15.8	77.6	0.9	2.8	2.9
• Elko County	28.9	60.2	0.8	3.4	6.8
• Esmeralda County	14.3	78.9	0.3	2.8	3.7
• Eureka County	30.2	61.2	0.8	1.8	5.9
• Humboldt County	32.7	56.4	0.6	4.6	5.8
• Lander County	32.9	57.2	0.4	4.1	5.5
• Lincoln County	29.9	66.0	0.6	1.1	2.4
• Lyon County	26.9	66.0	1.1	2.9	3.2
• Mineral County	38.0	59.6	0.4	2.8	4.2
• Nye County	20.0	74.0	1.0	2.3	2.4
• Pershing County	33.0	59.6	0.4	2.8	4.2
• Storey County	22.9	74.0	0.9	1.4	0.8
• White Pine County	42.3	53.6	1.1	1.6	1.3
<i>Rural and Frontier Subtotal</i>	<i>26.1%</i>	<i>66.2%</i>	<i>0.9%</i>	<i>2.9%</i>	<i>3.9%</i>
<b>URBAN COUNTIES</b>					
• Carson City	23.8%	65.5%	0.8%	3.2%	6.8%
• Clark County	19.1	61.4	1.5	6.6	11.4
• Washoe County	26.6	58.3	1.0	5.3	8.8
<i>Urban Subtotal</i>	<i>20.7%</i>	<i>60.9%</i>	<i>1.4%</i>	<i>6.2%</i>	<i>10.8%</i>
<b>TOTAL – NEVADA</b>	<b>21.3%</b>	<b>61.5%</b>	<b>1.3%</b>	<b>5.8%</b>	<b>10.0%</b>

**Table 1.12: Personal Income by County  
in Nevada – 1997 to 2000**

REGION/COUNTY	PERSONAL INCOME (Thousands of Dollars)				RANK in STATE – 2000
	1997	1998	1999	2000	
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	485,981	527,840	542,544	567,304	8
• Douglas County	1,310,727	1,422,967	1,462,001	1,539,211	4
• Elko County	1,053,217	1,067,225	1,082,856	1,129,163	5
• Esmeralda County	18,744	19,132	20,403	21,199	17
• Eureka County	41,770	42,659	38,705	40,302	16
• Humboldt County	402,872	404,531	406,616	409,251	9
• Lander County	157,783	149,801	145,554	144,759	11
• Lincoln County	81,409	89,135	91,081	95,280	14
• Lyon County	599,650	663,080	707,072	779,652	6
• Mineral County	130,545	131,871	130,641	126,968	12
• Nye County	581,483	655,750	709,505	773,616	7
• Pershing County	111,957	114,881	109,260	111,938	13
• Storey County	75,226	80,236	84,805	86,831	15
• White Pine County	203,785	208,960	204,070	191,298	10
<i>Rural and Frontier Subtotal</i>	<i>5,255,149</i>	<i>5,578,068</i>	<i>5,735,113</i>	<i>6,016,772</i>	—
<b>URBAN COUNTIES</b>					
• Carson City	1,435,633	1,510,102	1,586,278	1,661,611	3
• Clark County	30,837,864	34,376,173	37,176,732	39,975,553	1
• Washoe County	9,729,416	10,552,346	11,195,305	11,910,883	2
<i>Urban Subtotal</i>	<i>42,002,913</i>	<i>46,438,621</i>	<i>49,958,315</i>	<i>53,548,047</i>	—
<b>TOTAL – NEVADA</b>	<b>47,258,062</b>	<b>52,016,689</b>	<b>55,693,428</b>	<b>59,564,819</b>	—

**Table 1.13: Annual Percentage Change in Personal Income  
by County in Nevada – 1997 to 2000**

REGION/COUNTY	ANNUAL CHANGE IN PERSONAL INCOME (Percent)			AVERAGE ANNUAL GROWTH RATE – 1969 to 2000
	1997-1998	1998-1999	1999-2000	
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	8.6%	2.8%	7.0%	11.3%
• Douglas County	8.6	2.7	5.3	12.3
• Elko County	1.3	1.5	4.3	10.0
• Esmeralda County	2.1	6.6	3.9	7.2
• Eureka County	2.1	-9.3	4.1	6.5
• Humboldt County	0.4	0.5	0.6	9.4
• Lander County	-5.1	-2.8	-0.5	8.9
• Lincoln County	9.5	2.2	4.6	8.3
• Lyon County	10.6	6.6	10.3	10.7
• Mineral County	1.0	-0.9	-2.8	5.2
• Nye County	12.8	8.2	9.0	11.3
• Pershing County	2.6	-4.9	2.5	7.4
• Storey County	6.7	5.7	2.4	11.5
• White Pine County	2.5	-2.3	-6.3	5.6
<i>Rural and Frontier Subtotal</i>	<i>6.2%</i>	<i>2.8%</i>	<i>4.9%</i>	<i>N/A</i>
<b>URBAN COUNTIES</b>				
• Carson City	5.2%	5.0%	4.7%	10.9%
• Clark County	11.5	8.1	7.5	12.0
• Washoe County	8.5	6.1	6.4	10.3
<i>Urban Subtotal</i>	<i>10.6%</i>	<i>7.6%</i>	<i>7.2%</i>	<i>N/A</i>
<b>TOTAL – NEVADA</b>	<b>10.1%</b>	<b>7.1%</b>	<b>7.0%</b>	<b>11.3%</b>
<b>TOTAL – UNITED STATES</b>	<b>7.1%</b>	<b>4.7%</b>	<b>7.0%</b>	<b>N/A</b>

**Table 1.14: Per Capita Personal Income by County  
in Nevada – 1997 to 2000**

REGION/COUNTY	PER CAPITA PERSONAL INCOME (Dollars)				RANK in STATE – 2000
	1997	1998	1999	2000	
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	\$20,966	\$22,458	\$22,740	\$23,615	16
• Douglas County	34,275	36,188	36,136	37,113	1
• Elko County	23,219	23,277	23,992	24,909	9
• Esmeralda County	17,885	18,414	20,841	21,810	15
• Eureka County	24,131	23,184	22,808	24,604	10
• Humboldt County	24,236	23,691	24,316	25,665	5
• Lander County	23,368	23,275	23,967	25,308	8
• Lincoln County	20,216	21,949	22,112	22,805	13
• Lyon County	19,976	21,006	21,297	22,318	14
• Mineral County	22,759	24,416	24,775	25,378	7
• Nye County	20,425	21,509	22,542	23,479	12
• Pershing County	19,631	17,459	16,423	16,810	17
• Storey County	23,413	24,204	25,001	25,629	6
• White Pine County	20,181	21,041	21,160	21,178	16
<b>URBAN COUNTIES</b>					
• Carson City	\$28,449	\$29,689	\$30,533	\$31,566	3
• Clark County	26,195	27,473	28,137	28,690	4
• Washoe County	30,769	32,502	33,636	34,879	2
<b>TOTAL – NEVADA</b>	\$26,789	\$28,069	\$28,786	\$29,506	N/A
<b>TOTAL – UNITED STATES</b>	\$26,893	\$27,843	\$29,469	\$30,271	N/A

**Table 1.15: Per Capita Income by County in Nevada as a Percent of US Per Capita Income – 1997 to 2000**

REGION/COUNTY	PER CAPITA PERSONAL INCOME as a PERCENT of US PER CAPITA INCOME			
	1997	1998	1999	2000
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	83%	84%	82%	80%
• Douglas County	135	135	130	126
• Elko County	91	87	86	85
• Esmeralda County	70	68	75	74
• Eureka County	95	86	82	83
• Humboldt County	95	88	87	87
• Lander County	92	87	86	86
• Lincoln County	80	82	79	77
• Lyon County	79	78	76	76
• Mineral County	90	91	89	86
• Nye County	80	80	81	80
• Pershing County	77	65	59	57
• Storey County	92	90	90	87
• White Pine County	79	78	76	72
<b>URBAN COUNTIES</b>				
• Carson City	112%	110%	110%	107%
• Clark County	103	102	101	97
• Washoe County	121	121	121	118
<b>TOTAL – NEVADA</b>	<b>105%</b>	<b>104%</b>	<b>103%</b>	<b>101%</b>

**Table 1.16: Household and Family Income  
by County in Nevada – 1999**

COUNTY	ESTIMATED MEDIAN HOUSEHOLD INCOME (Dollars)	ESTIMATED MEDIAN FAMILY INCOME (Dollars)
<b>RURAL AND FRONTIER COUNTIES</b>		
• Churchill County	\$40,808	\$46,624
• Douglas County	51,849	57,092
• Elko County	48,383	52,206
• Esmeralda County	33,203	40,917
• Eureka County	41,417	49,437
• Humboldt County	47,147	52,156
• Lander County	46,067	51,537
• Lincoln County	31,979	45,558
• Lyon County	40,699	44,887
• Mineral County	32,981	39,477
• Nye County	36,024	41,642
• Pershing County	40,670	46,268
• Storey County	45,490	57,095
• White Pine County	36,668	44,136
<b>URBAN COUNTIES</b>		
• Carson City	\$41,809	\$49,570
• Clark County	44,616	50,485
• Washoe County	45,815	54,283
<b>TOTAL - NEVADA</b>	<b>\$44,851</b>	<b>\$50,849</b>

**Table 1.17: Sources of Household Income  
by County in Nevada – 1999**

COUNTY	ESTIMATED PERCENT OF HOUSEHOLDS in 1999 WITH –				
	Earnings	Social Security Income	Supplemental Security Income	Public Assistance Income	Retirement Income
<b>RURAL AND FRONTIER COUNTIES</b>					
• Churchill County	81.0%	25.6%	4.2%	3.2%	24.1%
• Douglas County	79.1	27.5	2.5	1.9	22.7
• Elko County	90.1	16.3	2.0	1.8	9.8
• Esmeralda County	75.7	35.1	2.4	4.6	25.8
• Eureka County	81.9	28.4	5.0	2.4	13.1
• Humboldt County	89.4	18.6	3.2	1.6	11.6
• Lander County	88.9	16.3	2.4	1.4	13.9
• Lincoln County	67.9	39.6	3.5	5.0	26.0
• Lyon County	79.5	30.7	3.9	2.4	23.0
• Mineral County	71.9	35.3	4.7	4.3	27.6
• Nye County	68.6	40.4	4.2	3.5	27.9
• Pershing County	83.2	22.7	4.2	3.5	27.9
• Storey County	82.6	24.6	4.8	2.7	21.2
• White Pine County	77.4	32.0	4.8	2.7	21.2
<b>URBAN COUNTIES</b>					
• Carson City	78.2%	29.3%	2.9%	2.7%	21.3%
• Clark County	83.9	23.2	3.1	2.4	17.4
• Washoe County	85.0	21.9	2.8	2.1	15.0
<b>TOTAL – NEVADA</b>	<b>83.5%</b>	<b>23.6%</b>	<b>3.0%</b>	<b>2.3%</b>	<b>17.4%</b>

**Table 1.18: Poverty Status by County in Nevada – 1999**

COUNTY	ESTIMATED FAMILIES BELOW POVERTY LEVEL		ESTIMATED FAMILIES WITH FEMALE HOUSEHOLDER, NO HUSBAND PRESENT BELOW POVERTY LEVEL		ESTIMATED INDIVIDUALS BELOW POVERTY LEVEL	
	Number	Percent	Number	Percent	Number	Percent
<b>RURAL AND FRONTIER COUNTIES</b>						
• Churchill County	407	6.2%	245	33.6%	2,041	8.7%
• Douglas County	698	5.8	335	26.8	2,976	7.3
• Elko County	813	7.0	303	23.9	3,947	8.9
• Esmeralda County	19	7.5	4	20.0	146	15.3
• Eureka County	39	8.9	9	36.0	206	12.6
• Humboldt County	321	7.7	103	25.1	1,539	9.7
• Lander County	135	8.6	44	25.7	720	12.5
• Lincoln County	118	11.5	47	35.3	626	16.5
• Lyon County	683	7.3	266	25.6	3,513	10.7
• Mineral County	153	11.0	59	19.9	761	15.2
• Nye County	663	7.3	226	25.6	3,454	10.7
• Pershing County	142	10.2	59	33.9	599	11.4
• Storey County	25	2.5	6	9.1	195	5.8
• White Pine County	221	10.3	115	35.2	866	11.0
<i>Rural and Frontier Subtotal</i>	<i>4,437</i>	<i>7.2%</i>	<i>1,821</i>	<i>24.9%</i>	<i>21,589</i>	<i>9.4%</i>
<b>URBAN COUNTIES</b>						
• Carson City	925	6.9%	437	18.8%	4,923	10.0%
• Clark County	26,886	7.9	11,914	20.3	145,855	10.8
• Washoe County	5,629	6.7	2,426	18.9	33,318	10.0
<i>Urban Subtotal</i>	<i>33,440</i>	<i>7.7%</i>	<i>14,777</i>	<i>19.4%</i>	<i>184,096</i>	<i>10.4%</i>
<b>TOTAL – NEVADA</b>	<b>37,877</b>	<b>7.5%</b>	<b>16,598</b>	<b>20.5%</b>	<b>205,685</b>	<b>10.5%</b>

**Table 1.19: Child Poverty Status by County in Nevada – 1999**

COUNTY	ESTIMATED FAMILIES BELOW POVERTY LEVEL WITH RELATED CHILDREN UNDER 18 YEARS		ESTIMATED FAMILIES WITH FEMALE HOUSEHOLDER, NO HUSBAND PRESENT BELOW POVERTY LEVEL WITH RELATED CHILDREN UNDER 18 YEARS		ESTIMATED INDIVIDUALS BELOW POVERTY LEVEL WITH RELATED CHILDREN UNDER 18 YEARS	
	Number	Percent	Number	Percent	Number	Percent
<b>RURAL AND FRONTIER COUNTIES</b>						
• Churchill County	375	10.3%	245	42.5%	739	10.8%
• Douglas County	511	9.4	287	29.1	941	9.7
• Elko County	628	8.8	269	28.4	1,356	9.5
• Esmeralda County	8	7.9	4	36.4	18	9.7
• Eureka County	24	10.1	6	33.3	53	11.7
• Humboldt County	241	9.6	86	26.3	516	10.4
• Lander County	110	12.2	44	31.9	249	13.5
• Lincoln County	81	15.3	38	36.5	210	19.6
• Lyon County	531	11.2	237	33.2	1,234	14.1
• Mineral County	129	19.9	46	25.4	202	17.7
• Nye County	472	12.1	220	35.4	967	13.1
• Pershing County	119	14.5	54	38.8	233	14.2
• Storey County	19	5.3	6	14.0	26	4.2
• White Pine County	176	16.0	99	39.6	253	11.8
<i>Rural and Frontier Subtotal</i>	<i>3,424</i>	<i>N/A</i>	<i>1,641</i>	<i>N/A</i>	<i>6,997</i>	<i>N/A</i>
<b>URBAN COUNTIES</b>						
• Carson City	773	11.7%	389	22.2%	1,629	13.7%
• Clark County	21,377	11.8	10,811	26.2	48,035	14.1
• Washoe County	4,652	10.3	2,244	24.4	10,018	10.0
<i>Urban Subtotal</i>	<i>26,802</i>	<i>N/A</i>	<i>13,444</i>	<i>N/A</i>	<i>59,682</i>	<i>N/A</i>
<b>TOTAL – NEVADA</b>	<b>30,226</b>	<b>11.4%</b>	<b>15,085</b>	<b>26.3%</b>	<b>66,679</b>	<b>13.5%</b>

**Table 1.20: Educational Attainment and Enrollment  
by County in Nevada – 2000**

COUNTY	ESTIMATED EDUCATIONAL ATTAINMENT – PERCENT of POPULATION 25 YEARS and OVER		ESTIMATED PERCENT OF SCHOOL-ENROLLED POPULATION OVER 3 YEARS OF AGE WHO ARE ENROLLED IN COLLEGE OR GRADUATE SCHOOL
	High School Graduate or Higher	Bachelor's Degree or Higher	
<b>RURAL AND FRONTIER COUNTIES</b>			
• Churchill County	85.1%	16.7%	16.5%
• Douglas County	91.6	23.2	18.3
• Elko County	79.1	14.8	14.5
• Esmeralda County	78.9	9.6	16.6
• Eureka County	76.7	13.6	8.9
• Humboldt County	78.3	14.2	9.5
• Lander County	79.2	10.8	12.0
• Lincoln County	83.0	15.1	9.7
• Lyon County	81.5	11.3	12.3
• Mineral County	77.1	10.1	12.1
• Nye County	79.2	10.1	9.0
• Pershing County	75.9	8.7	12.6
• Storey County	86.7	18.0	21.7
• White Pine County	82.0	11.8	15.7
<b>URBAN COUNTIES</b>			
• Carson City	82.5%	18.5%	23.0%
• Clark County	79.5	17.3	19.5
• Washoe County	83.9	23.7	25.4
<b>TOTAL – NEVADA</b>	<b>80.7%</b>	<b>18.2%</b>	<b>20.0%</b>

**Table 1.21: Nevada Labor Force Summary – First Quarter 2002**

COUNTY/REGION	LABOR FORCE ESTIMATES – FIRST QUARTER – 2002			
	Total Labor Force	Unemployed	Employed	Unemployment Rate
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	8,880	700	8,180	6.4%
• Douglas County	19,020	1,090	17,930	5.7
• Elko County	19,360	1,170	18,190	6.0
• Esmeralda County	460	40	420	9.0
• Eureka County	820	40	780	4.5
• Humboldt County	6,930	440	6,490	6.3
• Lander County	2,150	190	1,960	8.6
• Lincoln County	1,060	70	990	6.6
• Lyon County	14,120	1,280	12,840	9.1
• Mineral County	1,780	130	1,650	7.1
• Nye County	16,780	1,100	15,680	6.5
• Pershing County	2,050	110	1,940	5.5
• Storey County	1,650	90	1,560	5.1
• White Pine County	2,640	140	2,500	5.3
<i>Rural and Frontier Subtotal</i>	<i>97,700</i>	<i>6,590</i>	<i>91,110</i>	<i>6.8%</i>
<b>URBAN COUNTIES</b>				
• Carson City	24,540	1,760	22,780	7.2%
• Clark County	738,700	47,200	691,500	6.4
• Washoe County	186,000	9,300	176,700	5.0
<i>Urban Subtotal</i>	<i>949,240</i>	<i>58,260</i>	<i>890,980</i>	<i>6.1%</i>
<b>NEVADA</b>	<b>1,046,800</b>	<b>65,600</b>	<b>981,200</b>	<b>6.3%</b>

**Table 1.22: Unemployment in Nevada – 1997 to 2002**

COUNTY/REGION	AVERAGE UNEMPLOYMENT RATE					
	1997	1998	1999	2000	2001	First Quarter – 2002
<b>RURAL AND FRONTIER COUNTIES</b>						
• Churchill County	5.5%	6.3%	8.6%	8.2%	8.7%	6.4%
• Douglas County	5.5	5.1	4.8	4.1	4.8	5.7
• Elko County	4.3	5.7	5.3	4.5	6.0	6.0
• Esmeralda County	5.1	9.8	11.0	10.0	8.2	9.0
• Eureka County	5.6	5.5	4.4	2.6	3.6	4.5
• Humboldt County	4.0	6.6	6.5	5.1	6.1	6.3
• Lander County	6.9	10.3	9.4	7.7	9.6	8.6
• Lincoln County	7.8	6.1	6.1	6.6	7.2	6.6
• Lyon County	6.8	7.4	8.1	6.9	7.2	9.1
• Mineral County	6.0	6.8	8.4	10.1	8.6	7.1
• Nye County	4.0	4.1	5.0	5.4	6.6	6.5
• Pershing County	4.0	3.5	3.8	4.1	4.7	5.5
• Storey County	3.5	4.2	3.9	2.9	3.9	5.1
• White Pine County	5.8	5.8	3.8	3.9	4.5	5.3
<b>URBAN COUNTIES</b>						
• Carson City	6.0%	5.7%	4.0%	3.4%	5.5%	7.2%
• Las Vegas MSA	4.1	4.2	4.4	4.2	6.9	6.4
• Washoe County	3.7	3.8	3.7	3.0	4.1	5.0
<b>NEVADA</b>	<b>4.1%</b>	<b>4.3%</b>	<b>4.4%</b>	<b>4.1%</b>	<b>5.3%</b>	<b>6.3%</b>



**Nevada Rural and Frontier Health  
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**Section 2: Population Health Profile of  
Rural and Frontier Nevada**

**Table 2.1: Health Insurance Coverage in  
by Region in Nevada – 1999**

COUNTY/REGION	UNINSURED NEVADANS – 1999			
	Estimated Number	Percent of Population	Percent of Uninsured at or Below 100% of the Poverty Level	Percent of Uninsured at 100-200% of Poverty Level
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	4,205	16.6%	3.6%	4.5%
• Douglas County	6,851	16.1	3.5	4.3
• Elko County	9,708	19.2	4.4	5.6
• Esmeralda County	256	16.8	3.6	4.7
• Eureka County	332	17.2	3.7	4.7
• Humboldt County	3,573	19.7	4.6	6.0
• Lander County	1,335	19.0	4.4	5.5
• Lincoln County	692	16.3	3.4	4.5
• Lyon County	5,544	16.3	3.6	4.5
• Mineral County	1,076	16.7	3.7	4.6
• Nye County	5,072	16.1	3.5	4.4
• Pershing County	1,392	18.7	4.4	5.6
• Storey County	583	15.6	3.3	4.0
• White Pine County	1,912	17.1	3.7	4.8
<b>URBAN COUNTIES</b>				
• Carson City	8,733	16.6%	3.6%	4.6%
• Clark County	240,298	17.9	4.1	5.1
• Washoe County	56,979	17.6	3.9	5.0
<b>TOTAL – NEVADA</b>	<b>348,551</b>	<b>17.7%</b>	<b>4.0%</b>	<b>5.1%</b>

**Table 2.2: Public Health Insurance Coverage in Nevada  
– Medicare and Medicaid Enrollment**

COUNTY/REGION	MEDICARE ENROLLMENT – 1999		ESTIMATED MEDICAID ENROLLMENT – 2002	
	Number	Percent of 1999 Population	Number	Percent of 2002 Population
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	3,069	12.13%	1,879	7.40%
• Douglas County	5,502	12.92	1,281	2.95
• Elko County	2,828	5.59	2,127	4.49
• Esmeralda County	139	9.15	61	5.85
• Eureka County	227	11.76	37	2.37
• Humboldt County	1,433	7.92	908	5.52
• Lander County	447	6.38	246	4.27
• Lincoln County	747	17.58	303	7.87
• Lyon County	5,477	16.04	1,915	4.98
• Mineral County	1,071	16.61	581	12.89
• Nye County	6,342	18.90	3,373	9.43
• Pershing County	517	6.93	304	4.77
• Storey County	157	4.20	42	1.15
• White Pine County	1,382	12.40	717	8.38
<i>Rural and Frontier Subtotal</i>	<i>28,098</i>	<i>11.34%</i>	<i>13,774</i>	<i>5.70%</i>
<b>URBAN COUNTIES</b>				
• Carson City	9,488	18.03%	3,736	6.78%
• Clark County	150,920	11.23	94,523	6.06
• Washoe County	38,743	12.00	19,011	5.32
<i>Urban Subtotal</i>	<i>199,151</i>	<i>11.58%</i>	<i>117,270</i>	<i>5.95%</i>
<b>TOTAL – NEVADA</b>	<b>227,249</b>	<b>11.55%</b>	<b>131,044</b>	<b>5.92%</b>

**Table 2.3: Public Health Insurance Coverage in Nevada  
– Nevada Checkup and Senior RX Enrollment – 2002**

COUNTY/REGION	NEVADA CHECKUP ENROLLMENT		NEVADA SENIOR RX ENROLLMENT	
	Number	Enrollment as a Percent of Population 17 and Under	Number	Enrollment as a Percent of Population Aged 65 and Over
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	333	4.80%	149	5.20%
• Douglas County	440	4.44	175	2.80
• Elko County	788	5.75	156	5.83
• Esmeralda County	13	6.53	5	2.99
• Eureka County	9	1.96	30	14.63
• Humboldt County	384	7.59	92	7.59
• Lander County	90	4.83	29	7.20
• Lincoln County	28	2.23	42	6.24
• Lyon County	834	8.93	323	6.81
• Mineral County	95	7.68	86	8.56
• Nye County	356	4.62	140	2.34
• Pershing County	81	4.71	31	5.96
• Storey County	12	1.79	3	0.67
• White Pine County	165	7.43	134	10.82
<i>Rural and Frontier Subtotal</i>	<i>3,628</i>	<i>4.88%</i>	<i>1,395</i>	<i>13.13%</i>
<b>URBAN COUNTIES</b>				
• Carson City	1,042	8.49%	570	7.27%
• Clark County	14,538	4.13	2,010	1.37
• Washoe County	3,989	4.72	955	2.67
<i>Urban Subtotal</i>	<i>19,569</i>	<i>4.47%</i>	<i>3,535</i>	<i>1.86%</i>
Undetermined	—	—	8	—
<b>TOTAL – NEVADA</b>	<b>23,197</b>	<b>4.53%</b>	<b>4,938</b>	<b>2.26%</b>

**Table 2.4: Managed Care Penetration by County in Nevada – 2001**

COUNTY/REGION	COMMERCIAL HMO ENROLLMENT – December 31, 2001		MEDICARE HMO ENROLLMENT – December 31, 2001	
	Number	Market Penetration	Number	Market Penetration
<b>RURAL AND FRONTIER COUNTIES</b>				
• Churchill County	16	0.1%	2	0.0%
• Douglas County	1,432	3.7	0	0.0
• Elko County	33	0.1	0	0.0
• Esmeralda County	15	1.1	23	2.5
• Eureka County	0	0.0	0	0.0
• Humboldt County	110	0.6	1	0.0
• Lander County	0	0.0	0	0.0
• Lincoln County	63	1.7	2	0.0
• Lyon County	956	3.0	924	19.5
• Mineral County	13	0.2	77	7.7
• Nye County	2,427	7.6	3,423	52.7
• Pershing County	3	0.0	1	0.0
• Storey County	111	3.1	1	0.0
• White Pine County	3	0.0	2	0.0
<i>Rural and Frontier Subtotal</i>	<i>5,182</i>	<i>N/A</i>	<i>4,456</i>	<i>N/A</i>
<b>URBAN COUNTIES</b>				
• Carson City	9,052	19.3%	24	0.0%
• Clark County	254,182	19.9	68,071	47.1
• Washoe County	67,582	23.1	10,705	29.0
<i>Urban Subtotal</i>	<i>330,816</i>	<i>N/A</i>	<i>78,800</i>	<i>N/A</i>
<b>TOTAL – NEVADA</b>	<b>335,998</b>	<b>18.2%</b>	<b>83,256</b>	<b>38.7%</b>

**Table 2.5: Prevalence Rates for Behavioral Risk Factors to Health in Nevada – Combined Rates for 1997 and 1998**

BEHAVIORAL RISK FACTOR	PREVALENCE RATES - PERCENT OF POPULATION ENGAGING IN HEALTH CONSEQUENTIAL BEHAVIOR			
	CLARK COUNTY	WASHOE COUNTY	RURAL and FRONTIER COUNTIES	NEVADA - TOTAL
Smoking	29.8%	28.8%	26.0%	29.0%
Overweight	25.0	25.7	31.2	26.1
Binge Drinking	20.2	19.8	19.1	20.0
Chronic Drinking	5.4	6.0	6.8	5.7
Drinking and Driving	2.7	2.8	2.9	2.8
Breast Cancer Screening	79.5	79.9	77.9	79.4
Cervical Cancer Screening	78.5	83.6	77.1	79.2
No Cholesterol Screening	26.8	26.2	31.7	27.4

**Table 2.6: Indicators of Child Health and Well-Being in Nevada – 2000**

COUNTY/REGION	PERCENT RECEIVING PRENATAL CARE IN FIRST TRIMESTER	PERCENT OF LIVE BIRTHS BELOW 2500 GRAMS	INFANT MORTALITY RATE – INFANT DEATHS PER 1000 LIVE BIRTHS
<b>RURAL AND FRONTIER COUNTIES</b>			
• Churchill County	77.1%	7.6%	5.7 per 1000
• Douglas County	87.0	5.6	3.5
• Elko County	79.9	6.5	9.3
• Esmeralda County	42.9	0.0	0.0
• Eureka County	83.3	0.0	0.0
• Humboldt County	42.3	2.8	7.6
• Lander County	55.8	11.6	0.0
• Lincoln County	50.8	14.9	0.0
• Lyon County	81.5	5.9	6.8
• Mineral County	73.8	6.6	32.8
• Nye County	74.8	6.5	7.7
• Pershing County	66.2	7.2	0.0
• Storey County	100.0	0.0	0.0
• White Pine County	89.3	1.3	0.0
<i>Rural and Frontier Subtotal</i>	<i>74.4%</i>	<i>6.3%</i>	<i>6.8 per 1000</i>
<b>URBAN COUNTIES</b>			
• Carson City	85.4%	7.8%	4.3 per 1000
• Clark County	71.2	7.3	6.3
• Washoe County	86.4	7.2	7.1
<i>Urban Subtotal</i>	<i>74.3%</i>	<i>7.3%</i>	<i>6.4 per 1000</i>
<b>NEVADA – TOTAL</b>	<b>74.3%</b>	<b>7.4%</b>	<b>6.4 per 1000</b>

**Table 2.7: Teen Birth Rates in Nevada – 2000**

COUNTY/REGION	TEEN BIRTH RATE – NUMBER OF BIRTHS per 1000 FEMALES in AGE-SPECIFIC GROUP		
	15-17 Year Olds	18-19 Year Olds	TOTAL – 15-19 Year Olds
<b>RURAL AND FRONTIER COUNTIES</b>			
• Churchill County	21.5 per 1000	109.6 per 1000	52.3 per 1000
• Douglas County	14.2	68.3	29.7
• Elko County	18.6	78.8	39.6
• Esmeralda County	114.4	0.0	0.0
• Eureka County	0.0	0.0	0.0
• Humboldt County	18.8	32.8	22.7
• Lander County	18.9	32.8	22.7
• Lincoln County	11.3	111.1	31.5
• Lyon County	30.9	131.1	64.3
• Mineral County	10.2	180.3	75.5
• Nye County	11.0	120.0	44.6
• Pershing County	27.5	105.4	49.4
• Storey County	0.0	29.5	10.4
• White Pine County	16.1	129.9	49.4
<b>URBAN COUNTIES</b>			
• Carson City	30.5 per 1000	101.7 per 1000	55.2 per 1000
• Clark County	37.0	108.9	65.7
• Washoe County	32.6	80.9	53.4
<b>NEVADA – TOTAL</b>	<b>33.5 per 1000</b>	<b>102.1 per 1000</b>	<b>60.4 per 1000</b>

**Table 2.8: Mortality Rates in Nevada by  
Region of Residence – 2000**

CAUSE OF DEATH	MORTALITY RATES				
	CLARK COUNTY	WASHOE COUNTY	RURAL and FRONTIER COUNTIES	NEVADA – TOTAL	UNITED STATES
<b>Overall Mortality Rate</b>	895.0	855.9	856.5	881.5	872.4
<b>Infant Mortality</b>	6.3	7.1	6.5	6.5	7.2
<b>Diseases of the Heart</b>	247.4	251.6	231.5	246.4	257.5
<b>Cancer</b>	207.0	206.1	194.9	204.5	200.5
<b>Suicide</b>	18.3	19.6	24.9	19.3	10.3
<b>Motor Vehicle Crashes</b>	11.8	14.5	19.6	13.2	15.2



# **Nevada Rural and Frontier Health Data Book – 2002 Edition**

## **Section 3: The Health Care Workforce In Rural and Frontier Nevada**

**Table 3.1: Single County Health Professional Shortage Areas (HPSAs) in Rural and Frontier Nevada Designated by the Health Services and Resources Administration (HRSA) – 2002**

COUNTY	SINGLE COUNTY HEALTH PROFESSIONAL SHORTAGE AREAS (HPSAs) – 2002		
	PRIMARY CARE	MENTAL HEALTH	DENTAL
Churchill County	No	Yes	No
Douglas County	No	No	No
Elko County	No	Yes	No
Esmeralda County	Yes	Yes	Yes
Eureka County	Yes	Yes	Yes
Humboldt County	No	Yes	No
Lander County	Yes	Yes	Yes
Lincoln County	Yes	Yes	Yes
Lyon County	Yes	Yes	Yes
Mineral County	Yes	Yes	Yes
Nye County	Yes	Yes	Yes
Pershing County	Yes	Yes	Yes
Storey County	Yes	No	Yes
White Pine County	Yes	Yes	Yes
<b>TOTAL – Single County HPSAs/MUAs</b>	<b>10</b>	<b>12</b>	<b>10</b>

**Table 3.2: Medically Underserved Areas (MUAs) and  
Dental Underserved Areas (DUAs) in Rural and Frontier  
Counties of Nevada Designated by the Nevada State  
Office of Rural Health – 2002**

<b>COUNTY</b>	<b>MEDICALLY UNDERSERVED AREAS (MUAs) – 2000</b>	<b>DENTAL UNDERSERVED AREAS (DUAs) – 2002</b>
Churchill County	No	Yes
Douglas County	No	No
Elko County	Yes	Yes
Esmeralda County	Yes	Yes
Eureka County	Yes	Yes
Humboldt County	No	Yes
Lander County	Yes	Yes
Lincoln County	Yes	Yes
Lyon County	Yes	Yes
Mineral County	Yes	Yes
Nye County	Yes	Yes
Pershing County	No	No
Storey County	Yes	Yes
White Pine County	No	Yes
<b>TOTAL – SINGLE COUNTY UNDERSERVED AREAS</b>	<b>9</b>	<b>12</b>

**Table 3.3: Primary Care Physicians in Rural  
and Frontier Nevada – 2001**

COUNTY	ESTIMATED POPULATION	PRIMARY CARE PHYSICIAN FTE	POPULATION TO PRIMARY CARE PHYSICIAN RATIO
Churchill County	24,928	10.18	2,449:1
Douglas County	43,450	13.41	3,240:1
Elko County	46,668	23.75	1,965:1
Esmeralda County	1,038	0.00	—
Eureka County	1,056	1.15	918:1
Humboldt County	16,164	5.75	2,811:1
Lander County	5,761	1.75	3,292:1
Lincoln County	3,861	1.75	2,206:1
Lyon County	37,329	4.38	8,523:1
Mineral County	4,743	1.60	2,964:1
Nye County	34,384	8.70	3,952:1
Pershing County	6,873	1.50	4,582:1
Storey County	3,714	0.00	—
White Pine County	8,783	6.10	1,440:1
<b>TOTAL – RURAL AND FRONTIER NEVADA</b>	<b>238,752</b>	<b>80.02</b>	<b>2,984:1</b>

**Table 3.4: Dentists in Rural and Frontier Nevada – 2001**

COUNTY	POPULATION	DENTISTS FTE	POPULATION to DENTIST RATIO
Churchill County	24,928	3.40	7,332:1
Douglas County	43,450	15.00	2,897:1
Elko County	46,668	11.00	4,243:1
Esmeralda County	1,038	0.00	—
Eureka County	1,056	0.00	—
Humboldt County	16,164	3.80	4,254:1
Lander County	5,761	0.30	19,203:1
Lincoln County	3,861	0.60	6,435:1
Lyon County	37,329	3.10	12,042:1
Mineral County	4,743	0.80	5,929:1
Nye County	34,384	2.70	12,375:1
Pershing County	6,873	2.00	3,437:1
Storey County	3,714	0.00	—
White Pine County	8,783	1.50	5,855:1
<b>TOTAL – RURAL AND FRONTIER NEVADA</b>	<b>238,752</b>	<b>44.20</b>	<b>5,402:1</b>

**Table 3.5: Dental Workforce in Rural and Frontier Nevada – 2001**

COUNTY	POPULATION	DENTAL WORKFORCE			POPULATION to TOTAL DENTAL FTE RATIO
		Dentists – FTE	Dental Hygienists – FTE	Total Dental FTE	
Churchill County	24,928	3.40	6.70	10.10	2,468:1
Douglas County	43,450	15.00	20.20	35.20	1,234:1
Elko County	46,668	11.00	2.45	13.45	3,470:1
Esmeralda County	1,038	0.00	0.00	0.00	—
Eureka County	1,056	0.00	0.00	0.00	—
Humboldt County	16,164	3.80	2.90	6.70	2,413:1
Lander County	5,761	0.30	0.00	0.30	19,203:1
Lincoln County	3,861	0.60	0.00	0.60	6,435:1
Lyon County	37,329	3.10	2.45	5.55	6,726:1
Mineral County	4,743	0.80	0.83	1.63	2,910:1
Nye County	34,384	2.70	1.00	3.70	9,293:1
Pershing County	6,873	2.00	0.43	2.43	2,828:1
Storey County	3,714	0.00	0.00	0.00	—
White Pine County	8,783	1.50	0.00	1.50	5,855:1
<b>TOTAL – RURAL AND FRONTIER NEVADA</b>	<b>238,752</b>	<b>44.20</b>	<b>36.96</b>	<b>81.16</b>	<b>2,942:1</b>

**Table 3.6: Estimated Employment of the Dental Workforce  
in Nevada by Region – 1998 and Projected 2008**

DENTAL OCCUPATION	ESTIMATED EMPLOYMENT		EMPLOYMENT CHANGE – 1998 to 2008	
	1998	Projected 2008	Number	Percent
<b>DENTISTS</b>				
• Las Vegas MSA	496	732	236	47.6%
• Reno MSA	220	265	45	20.5
• Rural and Frontier Counties	103	119	16	15.5
• TOTAL – NEVADA	819	1,116	297	36.3%
<b>DENTAL HYGIENISTS</b>				
• Las Vegas MSA	498	949	451	90.6%
• Reno MSA	203	133	130	64.0
• Rural and Frontier Counties	125	196	71	56.8
• TOTAL – NEVADA	826	1,278	652	78.9%
<b>DENTAL ASSISTANTS</b>				
• Las Vegas MSA	905	1,749	844	93.3%
• Reno MSA	283	468	185	65.4
• Rural and Frontier Counties	204	322	118	57.8
• TOTAL – NEVADA	1,392	2,539	1,147	82.4%

**Table 3.7: Projected Average Annual Growth of Dental Jobs in Nevada by Region – 1998 to 2008**

DENTAL OCCUPATION	PROJECTED AVERAGE ANNUAL JOB GROWTH – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL and FRONTIER COUNTIES	TOTAL – NEVADA
<b>DENTISTS</b>				
• Number of New Jobs Due to Growth	24	5	2	31
• Number of New Jobs Due to Retirement and Replacement	10	4	2	16
• TOTAL Number of New Dentist Jobs	34	9	4	47
<b>DENTAL HYGIENISTS</b>				
• Number of New Jobs Due to Growth	45	13	7	65
• Number of New Jobs Due to Retirement and Replacement	11	5	3	19
• TOTAL Number of New Dental Hygienist Jobs	56	18	10	84
<b>DENTAL ASSISTANTS</b>				
• Number of New Jobs Due to Growth	84	19	12	115
• Number of New Jobs Due to Retirement and Replacement	14	4	3	21
• TOTAL Number of New Dental Assistant Jobs	98	23	15	136

**Table 3.8: Average Annual Growth Rate of New Dental Workforce Jobs in Nevada by Region – 1998 to 2008**

DENTAL OCCUPATION	AVERAGE ANNUAL GROWTH RATE – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL and FRONTIER COUNTIES	TOTAL – NEVADA
DENTISTS	4.8%	2.1%	1.6%	3.7%
DENTAL HYGIENISTS	9.1%	6.4%	5.7%	8.0%
DENTAL ASSISTANTS	9.3%	6.5%	5.8%	8.2%
ALL OCCUPATIONS	6.2%	2.8%	2.1%	5.0%

**Table 3.9: Geographic Distribution of Active Licensed Registered Nurses in Nevada – 1999**

COUNTY/REGION	NUMBER of ACTIVE LICENSED RN's	ACTIVELY LICENSED RN's per 1,000 POPULATION
<b>RURAL AND FRONTIER COUNTIES</b>		
• Churchill County	129	5.51
• Douglas County	249	6.62
• Elko County	225	4.95
• Esmeralda County	2	1.78
• Eureka County	4	2.16
• Humboldt County	60	3.36
• Lander County	15	2.24
• Lincoln County	15	3.55
• Lyon County	147	4.67
• Mineral County	19	3.67
• Nye County	99	3.33
• Pershing County	19	3.96
• Storey County	22	7.36
• White Pine County	43	4.37
<i>Rural and Frontier Subtotal</i>	<i>1,479</i>	<i>5.43</i>
<b>URBAN COUNTIES</b>		
• Carson City	431	8.61
• Clark County	7,707	6.33
• Washoe County	2,544	7.96
<i>Urban Subtotal</i>	<i>10,251</i>	<i>6.67</i>
<b>NEVADA – TOTAL</b>	<b>11,730</b>	<b>6.48</b>

**Table 3.10: Estimated Employment of Nursing Personnel  
in Nevada by Region – 1998 and Projected 2008**

NURSING OCCUPATION	ESTIMATED EMPLOYMENT		EMPLOYMENT CHANGE – 1998 to 2008	
	1998	Projected 2008	Number	Percent
<b>REGISTERED NURSES (RNs)</b>				
• Las Vegas MSA	6,330	10,240	3,910	61.8%
• Reno MSA	2,110	2,900	790	37.4
• Rural and Frontier Counties	1,110	1,470	360	32.4
• TOTAL – NEVADA	9,550	14,610	5,060	53.0%
<b>LICENSED PRACTICAL NURSES (LPNs)</b>				
• Las Vegas MSA	1,410	2,240	830	58.9%
• Reno MSA	350	470	120	33.3
• Rural and Frontier Counties	210	240	30	14.3
• TOTAL – NEVADA	1,970	2,950	980	49.8%
<b>NURSING AIDES</b>				
• Las Vegas MSA	1,690	2,740	1,050	62.1%
• Reno MSA	730	970	240	32.9
• Rural and Frontier Counties	210	590	380	181.0
• TOTAL – NEVADA	2,630	4,300	1,670	63.5%

**Table 3.11: Projected Average Annual Job Growth for Nursing Workforce Jobs in Nevada by Region – 1998 to 2008**

NURSING OCCUPATION	PROJECTED AVERAGE ANNUAL JOB GROWTH – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL and FRONTIER COUNTIES	TOTAL – NEVADA
<b>REGISTERED NURSES (RNs)</b>				
• Number of New Jobs Due to Growth	391	78	36	505
• Number of New Jobs Due to Retirement and Replacement	104	35	18	157
• TOTAL Number of New Registered Nurse Jobs	495	113	54	662
<b>LICENSED PRACTICAL NURSES (LPNs)</b>				
• Number of New Jobs Due to Growth	83	12	5	100
• Number of New Jobs Due to Retirement and Replacement	31	7	4	42
• TOTAL Number of New LPN Jobs	114	19	9	142
<b>NURSING AIDES</b>				
• Number of New Jobs Due to Growth	105	24	15	144
• Number of New Jobs Due to Retirement and Replacement	23	10	6	39
• TOTAL Number of New Nursing Aide Jobs	128	34	21	183

**Table 3.12: Average Annual Growth Rate of Nursing Jobs in Nevada by Region – 1998 to 2008**

NURSING OCCUPATION	AVERAGE ANNUAL GROWTH RATE OF NURSING JOBS – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL AND FRONTIER COUNTIES	TOTAL – NEVADA
REGISTERED NURSES (RNs)	7.0%	3.7%	3.3%	4.9%
LICENSED PRACTICAL NURSES (LPNs)	7.2%	3.4%	2.2%	4.6%
NURSING AIDES	6.7%	3.2%	3.3%	4.9%
ALL OCCUPATIONS	6.2%	2.8%	2.1%	5.0%

**Table 3.13: Estimated Employment of Pharmacy Personnel  
in Nevada by Region – 1998 and Projected 2008**

PHARMACY OCCUPATION	ESTIMATED EMPLOYMENT		EMPLOYMENT CHANGE – 1998 to 2008	
	1998	Projected 2008	Number	Percent
<b>PHARMACISTS</b>				
• Las Vegas MSA	1,031	1,595	564	54.7%
• Reno MSA	268	361	93	34.7
• Rural and Frontier Counties	93	112	19	20.4
• TOTAL – NEVADA	1,392	2,068	676	48.6%
<b>PHARMACY TECHNICIANS</b>				
• Las Vegas MSA	558	844	286	51.3%
• Reno MSA	186	258	72	38.7
• Rural and Frontier Counties	76	93	17	22.4
• TOTAL – NEVADA	820	1,195	375	45.7%

**Table 3.14: Projected Average Annual Job Growth for  
Pharmacy Jobs in Nevada by Region – 1998 to 2008**

PHARMACY OCCUPATION	PROJECTED AVERAGE ANNUAL JOB GROWTH – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL and FRONTIER COUNTIES	TOTAL – NEVADA
<b>PHARMACISTS</b>				
• Number of New Jobs Due to Growth	56	9	2	67
• Number of New Jobs Due to Retirement and Replacement	28	7	3	38
• TOTAL Number of New Pharmacist Jobs	84	16	5	105
<b>PHARMACY TECHNICIANS</b>				
• Number of New Jobs Due to Growth	29	7	2	38
• Number of New Jobs Due to Retirement and Replacement	14	5	2	21
• TOTAL Number of New Pharmacy Technician Jobs	43	12	4	59

**Table 3.15: Average Annual Growth Rate of Pharmacy Jobs in Nevada by Region – 1998 to 2008**

PHARMACY OCCUPATION	AVERAGE ANNUAL GROWTH RATE of PHARMACY JOBS – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL and FRONTIER COUNTIES	TOTAL – NEVADA
PHARMACISTS	5.5%	3.5%	2.0%	4.9%
PHARMACY TECHNICIANS	5.1%	3.9%	2.2%	4.6%
ALL OCCUPATIONS	6.2%	2.8%	2.1%	5.0%

**Table 3.16: Estimated Employment of Selected Allied Health Personnel in Nevada by Region – 1998 and Projected 2008**

ALLIED HEALTH OCCUPATION	ESTIMATED EMPLOYMENT		EMPLOYMENT CHANGE – 1998 to 2008	
	1998	Projected 2008	Number	Percent
<b>MEDICAL &amp; CLINICAL LABORATORY TECHNOLOGISTS</b>				
• Las Vegas MSA	426	682	256	60.1%
• Reno MSA	207	282	75	36.2
• Rural and Frontier Counties	73	103	30	41.1
• TOTAL – NEVADA	706	1,067	361	51.1%
<b>MEDICAL &amp; CLINICAL LABORATORY TECHNICIANS</b>				
• Las Vegas MSA	387	638	241	60.7%
• Reno MSA	123	166	43	35.0
• Rural and Frontier Counties	40	47	7	17.5
• TOTAL – NEVADA	550	851	291	53.0%
<b>RADIOLOGIC TECHNICIANS &amp; TECHNOLOGISTS</b>				
• Las Vegas MSA	897	1,615	718	80.1%
• Reno MSA	297	424	127	42.8
• Rural and Frontier Counties	65	87	22	33.9
• TOTAL – NEVADA	1,259	2,126	867	68.9%

**Table 3.17: Projected Average Annual Growth of Laboratory Technology Jobs in Nevada by Region – 1998 to 2008**

LABORATORY TECHNOLOGY OCCUPATION	PROJECTED AVERAGE ANNUAL JOB GROWTH – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL and FRONTIER COUNTIES	TOTAL – NEVADA
<b>LABORATORY TECHNOLOGISTS</b>				
• Number of New Jobs Due to Growth	26	8	3	37
• Number of New Jobs Due to Retirement and Replacement	5	3	1	9
• TOTAL Number of New Lab Technologist Jobs	31	11	4	46
<b>LABORATORY TECHNICIANS</b>				
• Number of New Jobs Due to Growth	24	4	1	29
• Number of New Jobs Due to Retirement and Replacement	5	2	1	8
• TOTAL Number of New Lab Technician Jobs	29	6	2	37

**Table 3.18: Average Annual Growth Rate of Laboratory Technology Jobs in Nevada by Region – 1998 to 2008**

ALLIED HEALTH OCCUPATION	AVERAGE ANNUAL GROWTH RATE OF LABORATORY TECHNOLOGY JOBS – 1998 to 2008			
	LAS VEGAS MSA	RENO MSA	RURAL and FRONTIER COUNTIES	TOTAL – NEVADA
LABORATORY TECHNOLOGISTS	6.0%	3.5%	4.1%	4.7%
LABORATORY TECHNICIANS	6.1%	3.6%	1.8%	4.9%
ALL OCCUPATIONS	6.2%	2.8%	2.1%	5.0%



**Nevada Rural and Frontier Health  
Data Book – 2002 Edition**

**Section 4: Health Care Resources in  
Rural and Frontier Nevada**

**Table 4.1: The Unique Geography of General Acute-Care Hospitals in Rural and Frontier Nevada**

HOSPITAL	DISTANCE IN MILES		
	Nearest Incorporated Town of Comparable or Greater Size	Nearest Source of Tertiary Care	Distance to Nevada State Office of Rural Health Program Office in Reno
Battle Mountain General Hospital	49	218	218
Churchill Community Hospital – Fallon	27	62	62
Grover C. Dils Medical Center – Caliente	25	149	427
Humboldt General Hospital – Winnemucca	54	165	165
Incline Village Community Hospital	18	35	35
Mt. Grant General Hospital – Hawthorne	57	134	134
Northeastern Nevada Regional Hospital – Elko	20	255	288
Nye Regional Medical Center – Tonopah	104	209	236
Owyhee Community Health Center	92	90	382
Pershing General Hospital – Lovelock	56	93	93
South Lyon Medical Center – Yerington	57	79	79
William Bee Ririe Hospital – Ely	61	242	320
<b>AVERAGE DISTANCE IN MILES</b>	<b>51.7</b>	<b>144.3</b>	<b>203.3</b>

**Table 4.2: General Acute Care Hospitals in Rural and Frontier Areas of Nevada – 2002**

HOSPITAL	COUNTY	TOTAL NUMBER of LICENSED BEDS
<b>RURAL AND FRONTIER HOSPITALS</b>		
<b>Battle Mountain General Hospital</b>	<b>Lander</b>	<b>25</b>
<b>Churchill Community Hospital</b>	<b>Churchill</b>	<b>40</b>
<b>Grover C. Dils Medical Center</b>	<b>Lincoln</b>	<b>20</b>
<b>Humboldt General Hospital</b>	<b>Humboldt</b>	<b>52</b>
<b>Incline Village Community Hospital</b>	<b>Washoe</b>	<b>8</b>
<b>Mount Grant General Hospital</b>	<b>Mineral</b>	<b>35</b>
<b>Northeastern Nevada Regional Hospital</b>	<b>Elko</b>	<b>75</b>
<b>Nye Regional Medical Center</b>	<b>Nye</b>	<b>42</b>
<b>Owyhee Community Health Facility</b>	<b>Elko</b>	<b>15</b>
<b>Pershing General Hospital</b>	<b>Pershing</b>	<b>37</b>
<b>South Lyon Medical Center</b>	<b>Lyon County</b>	<b>63</b>
<b>William Bee Ririe Hospital</b>	<b>White Pine</b>	<b>15</b>
<i><b>Rural and Frontier Subtotal</b></i>	<b>12 Hospitals</b>	<b>427</b>
<b>NEVADA – TOTAL</b>	<b>26 Hospitals</b>	<b>4,427</b>

**Table 4.3: General Acute Care Hospitals  
in Urban Areas of Nevada – 2002**

HOSPITAL	COUNTY	TOTAL NUMBER of LICENSED BEDS
<b>URBAN HOSPITALS</b>		
• Carson-Tahoe Hospital	Carson City	128
• Boulder City Hospital	Clark	67
• Desert Springs Hospital	Clark	351
• Lake Mead Hospital and Medical Center	Clark	198
• Mountain View Hospital	Clark	192
• Saint Rose Dominican Hospital	Clark	138
• Saint Rose Sienna Campus	Clark	141
• Summerlin Hospital and Medical Center	Clark	169
• Sunrise Hospital and Medical Center	Clark	688
• University Medical Center	Clark	542
• Valley Hospital and Medical Center	Clark	410
• Northern Nevada Medical Center	Washoe	100
• Saint Mary's Regional Medical Center	Washoe	367
• Washoe Medical Center	Washoe	529
<i>Urban Subtotal</i>	<b>14 Hospitals</b>	<b>4,020</b>
<b>NEVADA – TOTAL</b>	<b>26 Hospitals</b>	<b>4,427</b>

**Table 4.4: Profile of Nevada's Rural and Frontier Hospitals –  
Ownership and Tax Status – May 2002**

<b>HOSPITAL</b>	<b>LOCATION</b>	<b>OWNERSHIP</b>	<b>TAX STATUS</b>
<b>Battle Mountain General Hospital</b>	<b>Battle Mountain, Lander County</b>	<b>Public – Lander County Hospital District</b>	<b>Not-for-Profit</b>
<b>Churchill Community Hospital</b>	<b>Fallon, Churchill County</b>	<b>Private – Banner Health System</b>	<b>Not-for-Profit</b>
<b>Grover C. Dils Medical Center</b>	<b>Caliente, Lincoln County</b>	<b>Public – Lincoln County Hospital District</b>	<b>Not-for-Profit</b>
<b>Humboldt General Hospital</b>	<b>Winnemucca, Humboldt County</b>	<b>Public – Humboldt County Hospital District</b>	<b>Not-for-Profit</b>
<b>Incline Village Community Hospital</b>	<b>Incline Village, Washoe County</b>	<b>Private – Tahoe Forest Hospital District</b>	<b>Not-for-Profit</b>
<b>Mount Grant General Hospital</b>	<b>Hawthorne, Mineral County</b>	<b>Public – Mineral County Hospital District</b>	<b>Not-for-Profit</b>
<b>Northeastern Nevada Regional Hospital</b>	<b>Elko, Elko County</b>	<b>Private – Province Health Care Corporation</b>	<b>For-Profit</b>
<b>Nye Regional Medical Center</b>	<b>Tonopah, Nye County</b>	<b>Private – Primecare Nevada</b>	<b>For-Profit</b>
<b>Owyhee Community Health Facility</b>	<b>Owyhee, Elko County</b>	<b>Public – Shoshone-Paiute Tribe</b>	<b>Not-for-Profit</b>
<b>Pershing General Hospital</b>	<b>Lovelock, Pershing County</b>	<b>Public – Pershing County Hospital District</b>	<b>Not-for-Profit</b>
<b>South Lyon Medical Center</b>	<b>Yerington, Lyon County</b>	<b>Non-governmental – Receives Lyon County tax support</b>	<b>Not-for-Profit</b>
<b>William Bee Ririe Hospital</b>	<b>Ely, White Pine County</b>	<b>Public – White Pine County Hospital District</b>	<b>Not-for-Profit</b>

**Table 4.5: Profile of Nevada’s Rural and Frontier Hospitals –  
Number and Type of Licensed Beds**

HOSPITAL	LICENSED BEDS			
	Acute Beds	Long-Term Care Beds	Swing Beds	TOTAL BEDS
<b>Battle Mountain General Hospital</b>	7	18	7	25
<b>Churchill Community Hospital</b>	40	0	–	40
<b>Grover C. Dils Medical Center</b>	4	16	4	20
<b>Humboldt General Hospital</b>	22	30	–	52
<b>Incline Village Community Hospital</b>	8	0	–	8
<b>Mount Grant General Hospital</b>	11	24	7	35
<b>Northeastern Nevada Regional Hospital</b>	75	0	–	75
<b>Nye Regional Medical Center</b>	10	32	3	42
<b>Owyhee Community Health Facility</b>	15	0	–	15
<b>Pershing General Hospital</b>	5	32	5	37
<b>South Lyon Medical Center</b>	14	49	14	63
<b>William Bee Ririe Hospital</b>	15	0	–	15
<b>TOTAL</b>	226	201	40	427

**Table 4.6: Distribution of Health Care Resources  
in Rural and Frontier Nevada – 2002**

COUNTY	LICENSED ACUTE CARE BEDS		LICENSED LONG-TERM CARE or NURSING HOME BEDS	
	Number	Number per 1000 Population	Number	Number per 1000 Population
Churchill County	40	1.7	144	6.0
Douglas County	0	—	185	4.5
Elko County	75	1.6	97	2.1
Esmeralda County	0	—	0	—
Eureka County	0	—	0	—
Humboldt County	22	1.4	30	1.9
Lander County	7	1.2	18	1.4
Lincoln County	4	1.0	16	3.8
Lyon County	14	0.4	49	1.4
Mineral County	11	2.2	24	4.7
Nye County	10	0.3	32	1.0
Pershing County	5	0.8	32	4.8
Storey County	0	—	0	—
White Pine County	15	1.6	99	10.8
<b>TOTAL – RURAL AND FRONTIER COUNTIES</b>	<b>203</b>	<b>0.8 per 1,000</b>	<b>726</b>	<b>3.0 per 1,000</b>

**Table 4.7: Profile of Critical Access Hospitals  
(CAHs) in Nevada – 2002**

<b>CRITICAL ACCESS HOSPITAL (CAH)</b>	<b>MEDICARE “CAH” CERTIFICATION DATE</b>	<b>ESTIMATED ANNUAL FINANCIAL BENEFIT OF CAH DESIGNATION (MOST RECENT FISCAL YEAR)</b>
<b>Battle Mountain General Hospital</b>	<b>February 1, 2001</b>	<b>\$94,000</b>
<b>Incline Village Community Hospital</b>	<b>December 1, 2000</b>	<b>\$263,000</b>
<b>Mt. Grant General Hospital</b>	<b>September 1, 2000</b>	<b>\$260,000</b>
<b>Pershing General Hospital</b>	<b>April 1, 2001</b>	<b>\$175,000</b>
<b>William Bee Ririe Hospital</b>	<b>February 1, 2001</b>	<b>\$397,000</b>

**Table 4.8: Rural Health Clinics (RHCs), Federally Qualified Community Health Centers (FQHCs), and Independent Centers for Emergency Medical Care (ICEs) in Rural and Frontier Areas of Nevada – 2002**

CLINIC	COUNTY	CLINIC TYPE AND/OR DESIGNATION
Amargosa Valley Medical Clinic	Nye	FQHC
Austin Medical Clinic	Lander	FQHC
Beatty Medical Clinic	Nye	FQHC
Carlin Community Health Center	Elko	FQHC
Carson Valley Medical Center	Douglas	ICE
Crescent Valley Medical Clinic	Eureka	FQHC
Eureka Medical Clinic	Eureka	FQHC
Gerlach Medical Clinic	Washoe	FQHC
Jackpot Community Health Center	Elko	FQHC
Minden Emergency Urgent Care Center	Douglas	ICE
Mt. Grant General Hospital Clinic	Mineral	RHC
South Lyon Regional Medical Center Clinic	Lyon	RHC
Wendover Community Health Center	Elko	FQHC
William Bee Ririe Hospital Clinic	White Pine	RHC

**Table 4.9: Tribal Medical Clinics and Health Centers in Nevada – 2002**

TRIBAL FACILITY	COUNTY
<i>Facilities Serving the Owyhee Service Unit</i>	
Duckwater Health Department	Nye
Elko Southern Band	Elko
Ely Shoshone Tribe/Newe Medical Clinic	White Pine
Owyhee Community Health Facility	Elko
<i>Facilities Serving the Shurz Service Unit</i>	
Fallon Tribal Health Center	Lyon
Las Vegas Moapa Tribal Health Center	Clark
Pyramid Lake Health Department – Nixon	Washoe
Reno/Sparks Health and Human Service Center	Washoe
Washoe Tribal Health Clinic – Gardnerville	Douglas
Yerington Paiute Tribal Clinic	Lyon

**Table 4.10: Nevada's Rural and Frontier  
Telemedicine Network – 2002**

SITE	COUNTY	SITE TYPE AND FUNCTION
<i>Rural and Frontier Sites</i>		
Amargosa Valley Medical Clinic	Nye	Clinic spoke
Austin Medical Clinic	Lander	Clinic spoke
Battle Mountain General Hospital	Lander	Hospital spoke
Eureka Medical Clinic	Eureka	Clinic spoke
Great Basin College	Elko	Teaching hub
Grover C. Dils Medical Center – Caliente	Lincoln	Hospital spoke
Humboldt General Hospital – Winnemucca	Humboldt	Hospital spoke
Incline Village Community Hospital	Washoe	Hospital spoke
Mt. Grant General Hospital – Hawthorne	Mineral	Hospital spoke
Northeastern Nevada Regional Hospital – Elko	Elko	Hospital spoke
Nye Regional Medical Center – Tonopah	Nye	Hospital spoke
Owyhee Community Health Facility	Elko	Hospital spoke
Pershing General Hospital – Lovelock	Pershing	Hospital spoke
South Lyon Medical Center – Yerington	Lyon	Hospital spoke
William Bee Ririe Hospital – Ely	White Pine	Hospital spoke
<i>Urban Sites</i>		
Northern Nevada Medical Center – Sparks	Washoe	Hospital hub
Pacific Medical – Reno	Washoe	Specialty hub
University Medical Center – Las Vegas	Clark	Hospital hub
University of Nevada School of Medicine (7)	Clark and Washoe	Teaching hub
UNSOM Department of Internal Medicine	Washoe	Specialty hub
UNSOM Department of Psychiatry	Washoe	Specialty hub
UNSOM Multi-specialty Clinic – Las Vegas	Clark	Specialty hub
USNOM Multi-specialty Clinic – Reno	Washoe	Specialty hub
Washoe Medical Center – Reno	Washoe	Hospital hub



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**Section 5: Economic Aspects of Health Care  
in Rural and Frontier Nevada**

**Table 5.1: Impact of the Health Sector on Employment in Rural and Frontier Nevada – 1999**

<b>COUNTY</b>	<b>HEALTH SECTOR EMPLOYMENT</b>	<b>TYPE II EMPLOYMENT MULTIPLIER</b>	<b>TOTAL EMPLOYMENT IMPACT</b>
Churchill County	619	1.3169	843
Douglas County	719	1.3427	719
Elko County	1,051	1.3949	1,466
Esmeralda County	0	0	0
Eureka County	7	1.0756	8
Humboldt County	265	1.3781	365
Lander County	109	1.2170	133
Lincoln County	68	1.1143	76
Lyon County	255	1.2851	328
Mineral County	159	1.2576	200
Nye County	264	1.2361	326
Pershing County	83	1.2456	103
Storey County	0	0	0
White Pine County	323	1.3432	434
<b>TOTAL – RURAL AND FRONTIER NEVADA</b>	<b>3,667</b>	<b>1.2743</b>	<b>4,673</b>

**Table 5.2: Impact of the Hospital Sector on Employment in Rural and Frontier Nevada – 1999**

<b>COUNTY</b>	<b>HOSPITAL SECTOR EMPLOYMENT</b>	<b>TYPE II EMPLOYMENT MULTIPLIER</b>	<b>TOTAL EMPLOYMENT IMPACT</b>
Churchill County	380	1.3914	529
Douglas County	0	0	0
Elko County	382	1.3905	531
Esmeralda County	0	0	0
Eureka County	0	0	0
Humboldt County	156	1.3703	214
Lander County	77	1.2475	96
Lincoln County	60	1.1165	67
Lyon County	151	1.3080	198
Mineral County	127	1.2576	160
Nye County	80	1.2389	99
Pershing County	73	1.2592	92
Storey County	0	0	0
White Pine County	96	1.4120	136
<b>TOTAL – RURAL AND FRONTIER NEVADA</b>	<b>1,431</b>	<b>1.3445</b>	<b>1,924</b>

**Table 5.3: Impact of the Health Sector on Income in Rural and Frontier Nevada – 1999**

<b>COUNTY</b>	<b>HEALTH SECTOR INCOME (In Dollars)</b>	<b>TYPE II INCOME MULTIPLIER</b>	<b>TOTAL INCOME IMPACT (In Dollars)</b>
Churchill County	\$23,789,979	1.2529	\$29,806,848
Douglas County	6,285,822	1.1890	7,474,142
Elko County	40,948,712	1.2875	52,721,609
Esmeralda County	0	0	0
Eureka County	1,067,043	1.3930	1,486,411
Humboldt County	10,368,532	1.2459	12,918,375
Lander County	3,764,937	1.1473	4,319,372
Lincoln County	1,150,050	1.1373	1,307,999
Lyon County	8,143,067	1.2508	10,185,444
Mineral County	6,374,198	1.1585	7,384,765
Nye County	8,888,370	1.1720	10,417,119
Pershing County	3,157,403	1.1437	3,611,189
Storey County	0	0	0
White Pine County	10,964,737	1.2742	13,970,873
<b>TOTAL – RURAL AND FRONTIER NEVADA</b>	<b>\$116,759,783</b>	<b>1.2455</b>	<b>\$145,418,702</b>

**Table 5.4: Impact of the Hospital Sector on Income in Rural and Frontier Nevada – 1999**

COUNTY	HOSPITAL SECTOR INCOME (In Dollars)	TYPE II INCOME MULTIPLIER	TOTAL INCOME IMPACT (In Dollars)
Churchill County	\$15,635,431	1.2541	\$19,607,925
Douglas County	0	0	0
Elko County	15,575,201	1.2669	19,731,879
Esmeralda County	0	0	0
Eureka County	0	0	0
Humboldt County	6,404,297	1.2263	7,853,308
Lander County	3,161,096	1.1401	3,603,971
Lincoln County	1,027,904	1.1375	1,169,281
Lyon County	5,557,242	1.2020	6,679,571
Mineral County	5,213,755	1.1543	6,018,295
Nye County	2,903,445	1.1670	3,388,257
Pershing County	2,996,883	1.1394	3,414,702
Storey County	0	0	0
White Pine County	3,941,106	1.2737	5,019,696
<b>TOTAL – RURAL AND FRONTIER NEVADA</b>	<b>\$56,859,118</b>	<b>1.2277</b>	<b>\$69,807,314</b>

**Table 5.5: Utilization Trends in Rural and Frontier Hospitals in Nevada – State Fiscal Year Ending June 30, 2001**

HOSPITAL	HOSPITAL UTILIZATION			
	Inpatient Days	Admissions	Average Length of Stay (Days)	Average Daily Census
Battle Mountain General Hospital	238	80	2.98	0.7
Churchill Community Hospital	6,151	1,989	3.09	16.9
Grover C. Dils Medical Center	454	182	2.49	1.2
Humboldt General Hospital	2,161	715	3.02	5.9
Incline Village Community Hospital	105	53	1.98	0.3
Mt. Grant General Hospital	502	149	3.37	1.4
Northeastern Nevada Regional Hospital	7,774	2,775	2.80	21.3
Nye Regional Medical Center	974	378	2.58	2.7
Pershing General Hospital	485	181	2.68	1.3
South Lyon Medical Center	804	234	3.44	2.2
William Bee Ririe Hospital	2,393	913	2.62	6.6
<b>TOTAL – RURAL and FRONTIER HOSPITALS</b>	<b>22,041</b>	<b>7,649</b>	<b>2.88</b>	<b>60.4</b>
<b>TOTAL – ALL NEVADA HOSPITALS</b>	<b>928,586</b>	<b>198,307</b>	<b>4.68</b>	<b>2,544.1</b>

**Table 5.6: Financial Data for Rural and Frontier  
Hospitals in Nevada – Operating Revenue –  
State Fiscal Year Ending June 30, 2001**

HOSPITAL	OPERATING REVENUE			
	Inpatient Operating Revenue	Outpatient Operating Revenue	Other Operating Revenue	TOTAL OPERATING REVENUE
Battle Mountain General Hospital	\$228,786	\$1,622,973	\$1,893,375	\$3,745,134
Churchill Community Hospital	9,459,558	16,572,713	3,142,371	29,174,642
Grover C. Dils Medical Center	830,109	1,060,071	1,298,815	3,188,995
Humboldt General Hospital	2,965,046	5,468,930	2,244,394	10,678,370
Incline Village Community Hospital	151,512	2,690,416	0	2,841,928
Mt. Grant General Hospital	706,907	1,860,975	2,683,037	5,250,919
Northeastern Nevada Regional Hospital	17,064,881	15,315,072	516,278	32,896,231
Nye Regional Medical Center	1,313,330	2,406,910	1,294,168	5,014,408
Pershing General Hospital	378,504	2,235,707	1,527,880	4,142,091
South Lyon Medical Center	1,482,694	3,036,481	3,248,976	7,768,151
William Bee Ririe Hospital	3,229,758	5,269,488	2,357,375	10,856,621
<b>TOTAL – RURAL and FRONTIER HOSPITALS</b>	<b>\$37,811,085</b>	<b>\$57,539,736</b>	<b>\$20,206,669</b>	<b>\$115,557,490</b>
<b>TOTAL – ALL NEVADA HOSPITALS</b>	<b>\$1,324,684,392</b>	<b>\$631,858,446</b>	<b>\$101,434,698</b>	<b>\$2,057,977,536</b>

**Table 5.7: Financial Data for Rural and Frontier Hospitals in Nevada – Net Operating Revenue – State Fiscal Year Ending June 30, 2001**

HOSPITAL	OPERATING REVENUE		NET OPERATING REVENUE
	Total Operating Revenue	Operating Expenses	
Battle Mountain General Hospital	\$3,745,134	\$5,577,830	(\$1,832,696)
Churchill Community Hospital	29,174,642	27,925,953	1,248,689
Grover C. Dils Medical Center	3,188,995	2,943,502	245,493
Humboldt General Hospital	10,658,370	12,311,700	(1,653,330)
Incline Village Community Hospital	2,841,928	3,195,002	(353,074)
Mt. Grant General Hospital	5,250,919	5,747,594	(223,675)
Northeastern Nevada Regional Hospital	32,896,231	23,788,871	9,617,360
Nye Regional Medical Center	5,014,408	4,899,556	114,852
Pershing General Hospital	4,142,091	4,993,038	(850,947)
South Lyon Medical Center	7,768,151	8,010,256	(242,105)
William Bee Ririe Hospital	10,856,621	11,009,254	(152,633)
<b>TOTAL – RURAL and FRONTIER HOSPITALS</b>	<b>\$115,557,490</b>	<b>\$110,402,556</b>	<b>\$5,917,934</b>
<b>TOTAL – ALL NEVADA HOSPITALS</b>	<b>\$2,057,977,536</b>	<b>\$1,968,310,132</b>	<b>\$89,667,404</b>

**Table 5.8: Financial Data for Rural and Frontier Hospitals in Nevada – Net Income – State Fiscal Year Ending June 30, 2001**

HOSPITAL	NET OPERATING REVENUE	NON-OPERATING REVENUE and EXPENSES		NET INCOME (LOSS)
		Non-Operating Revenue	Operating Expenses	
Battle Mountain General Hospital	(\$1,832,696)	\$2,657,558	\$10,291	\$814,571
Churchill Community Hospital	1,248,689	0	20,613	1,228,076
Grover C. Dils Medical Center	245,493	425,090	4,926	665,657
Humboldt General Hospital	(1,653,330)	2,538,291	0	884,961
Incline Village Community Hospital	(353,074)	0	0	(353,074)
Mt. Grant General Hospital	(223,675)	638,639	0	414,964
Northeastern Nevada Regional Hospital	9,617,360	1,070,096	4,279,580	6,407,876
Nye Regional Medical Center	114,852	395,132	433,908	76,076
Pershing General Hospital	(850,947)	826,553	0	(24,394)
South Lyon Medical Center	(242,105)	444,974	0	202,869
William Bee Ririe Hospital	(152,633)	1,045,105	160,719	731,753
<b>TOTAL – RURAL and FRONTIER HOSPITALS</b>	<b>\$5,917,934</b>	<b>\$10,041,438</b>	<b>\$4,910,037</b>	<b>\$11,049,335</b>
<b>TOTAL – ALL NEVADA HOSPITALS</b>	<b>\$89,667,404</b>	<b>\$40,405,924</b>	<b>\$45,975,641</b>	<b>\$84,097,687</b>

**Table 5.9: Financial Data for Rural and Frontier Hospitals in Nevada – Profit (Loss) per Adjusted Admission and per Adjusted Inpatient Day – State Fiscal Year Ending June 30, 2001**

HOSPITAL	ADJUSTED UTILIZATION		PROFIT (LOSS)	
	Adjusted Inpatient Admissions	Adjusted Inpatient Days	Profit (Loss) per Adjusted Admission	Profit (Loss) per Adjusted Inpatient Day
Battle Mountain General Hospital	1,081	3,215	(\$1,696)	(\$570)
Churchill Community Hospital	4,748	14,684	263	85
Grover C. Dils Medical Center	898	2,241	273	110
Humboldt General Hospital	2,924	8,838	565	187
Incline Village Community Hospital	818	1,620	(432)	(218)
Mt. Grant General Hospital	987	3,325	(227)	(67)
Northeastern Nevada Regional Hospital	5,226	14,640	1,840	657
Nye Regional Medical Center	1,289	3,321	89	35
Pershing General Hospital	1,130	3,029	(753)	(281)
South Lyon Medical Center	1,583	5,438	(153)	(45)
William Bee Ririe Hospital	2,406	6,307	(63)	(24)
<b>TOTAL – RURAL and FRONTIER HOSPITALS</b>	<b>23,090</b>	<b>66,658</b>	<b>\$282</b>	<b>\$96</b>
<b>TOTAL – ALL NEVADA HOSPITALS</b>	<b>274,353</b>	<b>1,255,754</b>	<b>\$327</b>	<b>\$71</b>

# **Nevada Rural and Frontier Health Data Book – 2002 Edition**

## **Appendix: References, Data Sources and Notes**

## Introduction: Health and Health Care in Rural and Frontier Nevada

Information in contained in this chapter is indebted to the analysis and discussion in the following volumes:

- Eberhardt, MS, et al. 2001. *Urban and Rural Health Chartbook. Health, United States, 2001.* Hyattsville MD: National Center for Health Statistics. Internet site: [www.cdc.gov/nchs](http://www.cdc.gov/nchs).
- Frontier Education Center. 2002. *The Geography of Frontier America: The View from the Turn of the Century.* Ojo Sarco NM: Frontier Education Center. Internet site: <http://www.frontierus.org/>
- Ricketts, TC, editor. 1999. *Rural Health in the United States.* New York: Oxford University Press.
- Ricketts, TC, KD Johnson-Webb, and P Taylor. 1998. *Definitions of Rural: A Handbook for Health Policy Makers and Researchers.* Chapel Hill NC: North Carolina Rural Health Research Program.

*Map 3: Nevada's Rural and Frontier Hospitals, Community Health Centers, Rural Health Clinics (RHCs), and Ambulance Services.*

Source: Northeastern Nevada Area Health Education Center, Nevada State Office of Rural Health. 2002. Unpublished data collected by the Northeastern Nevada AHEC.

## Section 1: Social and Demographic Profile of Rural and Frontier Nevada

*Table 1.1: Nevada Population, Housing Units, and Geography – 2000.*

Source: U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

Notes: Numbers may not add up due to rounding. This table highlights the distinction between rural and frontier counties. According to criteria established by the Frontier Education Center, only one of Nevada's counties is "rural." Thirteen counties qualify as "frontier" counties due to low population density and extensive distance from tertiary centers of care in terms of mileage and travel time.

*Table 1.2: Nevada Population and Housing Density – 2000*

Source: U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

Notes: The population and housing density of each county and region of Nevada were calculated using the total area of each area, i.e., the area covered by both land and water. Numbers may not add up due to rounding.

*Table 1.3: Population for Nevada by County – 1990 to 2000*

Sources: U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

U.S. Census Bureau. 1992. *General Population Characteristics. 1990 Census of Population. Nevada.* Washington DC: US Department of Commerce.

**Table 1.4: Population Projections for Nevada by County – 2002 to 2012**

**Source:** Nevada State Demographer's Office. 2002. Unpublished population projections prepared by the NSDO.

**Table 1.5: Nevadans Aged 65 and Over by County – 1990 to 2000**

**Sources:** U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

U.S. Census Bureau. 1992. *General Population Characteristics. 1990 Census of Population. Nevada.* Washington DC: US Department of Commerce.

**Table 1.6: Median Age of Nevadans by County – 1990 to 2000**

**Sources:** U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

U.S. Census Bureau. 1992. *General Population Characteristics. 1990 Census of Population. Nevada.* Washington DC: US Department of Commerce.

**Table 1.7: Nevada Population by Selected Racial and Ethnic Categories by County – 2000**

**Source:** U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

**Table 1.8: Percent of Nevada Population by Selected Racial and Ethnic Categories by County – 2000**

**Source:** U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

**Table 1.9: Hispanic Population Change in Nevada by County – 1990 to 2000**

**Sources:** U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

U.S. Census Bureau. 1992. *General Population Characteristics. 1990 Census of Population. Nevada.* Washington DC: US Department of Commerce.

**Table 1.10: Population by Nativity and Place of Birth by County in Nevada – 2000**

**Source:** U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

**Table 1.11: Percent of Population by Nativity and Place of Birth by County in Nevada – 2000**

**Source:** U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada.* Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

**Table 1.12: Personal Income by County in Nevada – 1997 to 2000**

**Source:** U.S. Bureau of Economic Analysis. 2002. Regional Accounts Data. Internet site: <http://www.bea.doc.gov/bea/regional/reis/>

**Table 1.13: Annual Percentage Change in Personal Income by County in Nevada – 1997 to 2000**

**Source:** U.S. Bureau of Economic Analysis. 2002. Regional Accounts Data. Internet site: <http://www.bea.doc.gov/bea/regional/reis/>

**Table 1.14: Per Capita Personal Income by County in Nevada – 1997 to 2000**

**Source:** U.S. Bureau of Economic Analysis. 200. Regional Accounts Data. Internet site: <http://www.bea.gov/bea/regional/reis/>.

**Table 1.16: Household and Family Income by County in Nevada – 1999**

**Sources:** U.S. Census Bureau. 2002. *Census 2000 Supplemental Survey*. Washington DC: US Department of Commerce. Internet site: <http://censtats.census.gov/pub/Profiles.shtml>

U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada*. Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

**Table 1.17: Sources of Household Income by County in Nevada – 1999**

**Sources:** U.S. Census Bureau. 2002. *Census 2000 Supplemental Survey*. Washington DC: US Department of Commerce. Internet site: <http://censtats.census.gov/pub/Profiles.shtml>

U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada*. Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

**Table 1.18: Poverty Status by County in Nevada – 1999**

**Sources:** U.S. Census Bureau. 2002. *Census 2000 Supplemental Survey*. Washington DC: US Department of Commerce. Internet site: <http://censtats.census.gov/pub/Profiles.shtml>

U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada*. Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

**Table 1.19: Child Poverty Status by County in Nevada – 1999**

**Sources:** U.S. Census Bureau. 2002. *Census 2000 Supplemental Survey*. Washington DC: US Department of Commerce. Internet site: <http://censtats.census.gov/pub/Profiles.shtml>

U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing. Nevada*. Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

*Table 1.20: Educational Attainment and Enrollment by County in Nevada – 2000*

**Sources:** U.S. Census Bureau. 2002. *Census 2000 Supplemental Survey*. Washington DC: US Department of Commerce. Internet site: <http://censtats.census.gov/pub/Profiles.shtml>

U.S. Census Bureau. 2001. *Profiles of General Demographic Characteristics. 2000 Census of Population and Housing, Nevada*. Washington DC: US Department of Commerce. Internet site: <http://www.census.gov/population/www/index.html>

*Table 1.21: Nevada Labor Force Summary – First Quarter 2002*

**Source:** Nevada Department of Employment Training and Rehabilitation. 2002. Nevada Labor Force Statistics. Internet site: [http://detr.state.nv.us/lmi/lmi\\_lfrc.htm](http://detr.state.nv.us/lmi/lmi_lfrc.htm).

**Notes:** Numbers may not add up due to rounding. Figures for Washoe County are for March 2002, rather than the first quarter 2002. All other county figures are an average for the first three months of 2002.

*Table 1.22: Unemployment in Nevada – 1999 to 2002*

**Source:** Nevada Department of Employment Training and Rehabilitation. 2002. Nevada Labor Force Statistics. Internet site: [http://detr.state.nv.us/lmi/lmi\\_lfrc.htm](http://detr.state.nv.us/lmi/lmi_lfrc.htm).

**Notes:** “Las Vegas MSA” includes Clark and Nye Counties in Nevada and Mohave County in Arizona.

## **Section 2: Population Health Profile of Rural and Frontier Nevada**

*Table 2.1: Health Insurance Coverage in by Region in Nevada – 1999*

**Source:** Popoff, CL, B Fadali, and DH Judson. 2000. *Methodology Explanation and Documentation for Nevada-Specific Estimates of the Uninsured*. Reno NV: Decision Analytics, Inc. Internet site: <http://www.gbpc.org/Documents/methodology.htm>.

*Table 2.2: Public Health Insurance Coverage in Nevada – Medicare and Medicaid Enrollment*

**Sources:** Centers for Medicare and Medicaid Services. 2002. Nevada Medicare County Enrollment as of July 1, 1999 Aged and Disabled 3/2000 update. Internet site: <http://www.hcfa.gov/stats/ENROLL/DEFAULT.HTM>.

Nevada Division of Health Care Financing and Policy (Nevada Medicaid). 2002. Unpublished Medicaid enrollment data prepared by NDHCFP.

**Notes:** Medicare enrollment percentages are calculated as a percent of the 1999 population utilizing population estimates prepared by the Nevada State Demographer’s Office. Medicaid enrollment percentages are calculated as a percent of the 2002 population utilizing population estimates prepared by the Nevada State Demographer’s Office.

**Table 2.3: Public Health Insurance Coverage in Nevada – Nevada Checkup and Senior RX Enrollment – 2002**

**Sources:** Nevada Division of Health Care Financing and Policy (Nevada Medicaid). 2002. "Number of Children Receiving Coverage by County and Age – Tuesday, February, 2002." Carson City NV: DHCFP. Internet site: <http://www.nevada-checkup.state.nv.us/enrollmentstats.htm>.

Nevada Senior RX Program. 2002. Unpublished Senior RX enrollment data prepared by the Nevada Senior RX Program.

**Notes:** Enrollment percentages are calculated as a percent of the 2002 population utilizing population estimates prepared by the Nevada State Demographer's Office.

**Table 2.4: Managed Care Penetration by County in Nevada – 2001**

**Source:** Bureau of Health Planning and Statistics, Nevada State Health Division. 2002. *Nevada HMO Industry Profile. Fourth Quarter Report. October 1, 2001 through December 31, 2001.* Carson City NV: BHPS. Internet site: <http://health2k.state.nv.us/vs/>.

**Table 2.5: Prevalence Rates for Behavioral Risk Factors to Health in Nevada – Combined Rates for 1997 and 1998**

**Source:** Center for Applied Research, University of Nevada, Reno. 2000. *Nevada Behavioral Risk Factor Surveillance Survey.* Reno NV: CAR. Internet site: <http://health2k.state.nv.us/matchiim/brfss/index.htm>

**Notes:** Breast cancer screening rates are for women 50 and older; cervical cancer screening rates are for women 18 and older with an intact cervix; all other rates are for adults 18 and older.

**Table 2.6: Indicators of Child Health and Well-Being in Nevada – 2000**

**Source:** Bureau of Health Planning and Statistics, Nevada State Health Division. 2002. *Nevada Vital Statistics 2000.* Carson City NV: NBHPS. Internet site: <http://health2k.state.nv.us/>

**Table 2.7: Teen Births in Nevada – 2000**

**Source:** Bureau of Health Planning and Statistics, Nevada State Health Division. 2002. *Nevada Vital Statistics 2000.* Carson City NV: NBHPS. Internet site: <http://health2k.state.nv.us/>

**Table 2.8: Mortality Rates in Nevada by Region of Residence – 2000**

**Source:** Center for Health Data and Research, Bureau of Health Planning and Statistics, Nevada State Health Division. 2002. *Nevada Vital Statistics 2000.* Carson City NV: NSHD. Internet site: <http://health2k.state.nv.us/>

**Notes:** Mortality rates have been age-adjusted in order to eliminate differences in observed rates that are a result of differences in the age structure of regional populations. Figures for the United States are preliminary. The infant mortality rate for the United States is for the year 1998. Rural and frontier counties includes Carson City.

### Section 3: The Health Care Workforce in Rural and Frontier Nevada

**Table 3.1: Single County Health Professional Shortage Areas (HPSAs) in Rural and Frontier Nevada Designated by the Health Services and Resources Administration (HRSA) – 2002**

**Source:** Bureau of Primary Health Care. 2002. Health Professional Shortage Areas Data Base. Internet site: <http://bphc.hrsa.gov/databases/newhpsa/newhpsa.cfm> (Data Extract as of June 30, 2002).

**Notes:** Areas or populations within Elko and Humboldt Counties have been designated as Primary Care Health Professions Shortage Areas or HPSAs.

**Table 3.2: Medically Underserved Areas (MUAs) and Dental Underserved Areas (DUAs) in Rural and Frontier Counties of Nevada Designated by the Nevada State Office of Rural Health – 2002**

**Source:** Nevada State Office of Rural Health. 2002. Data compiled by the NSORH for the Nevada State Board of Medical Examiners and the Nevada State Board of Dental Examiners.

**Table 3.3: Primary Care Physicians in Rural and Frontier Nevada – 2001**

**Source:** Nevada State Office of Rural Health. Unpublished primary care physician FTE data collected by the NSORH during June 2001.

**Notes:** Physician-to-population ratios are calculated with unpublished 2001 population estimates prepared by the Nevada State Demographer's Office (2002).

**Table 3.4: Dentists in Rural and Frontier Nevada – 2001**

**Source:** Nevada State Office of Rural Health. Unpublished dental FTE data collected by the NSORH during December 2001.

**Notes:** Dentist-to-population ratios are calculated with unpublished 2001 population estimates prepared by the Nevada State Demographer's Office (2002).

**Table 3.5: Dental Workforce in Rural and Frontier Nevada – 2001**

**Source:** Nevada State Office of Rural Health. Unpublished dental FTE data collected by the NSORH during December 2001.

**Notes:** Dentist- and dental-hygienist-to-population ratios are calculated with unpublished 2001 population estimates prepared by the Nevada State Demographer's Office (2002).

**Table 3.6: Estimated Employment of the Dental Workforce in Nevada by Region – 1998 and Projected 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.7: Projected Average Annual Growth of Dental Jobs in Nevada by Region – 1998 to 2008**

- Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occp.htm](http://detr.state.nv.us/lmi/lmi_occp.htm).
- Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.8: Average Annual Growth Rate of New Dental Workforce Jobs in Nevada by Region – 1998 to 2008**

- Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occp.htm](http://detr.state.nv.us/lmi/lmi_occp.htm).
- Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.9: Geographic Distribution of Active Licensed Registered Nurses in Nevada – 1999**

- Source:** Nevada State Board of Nursing. 2000. *Nevada State Board of Nursing Annual Report, 1999-2000*. Reno NV: NSBN.
- Notes:** Nurse-to-population ratios are based on 1999 population estimates from the Nevada State Demographer's Office (2000).

**Table 3.10: Estimated Employment of Nursing Personnel in Nevada by Region – 1998 and Projected 2008**

- Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occp.htm](http://detr.state.nv.us/lmi/lmi_occp.htm).
- Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County. The figures presented in this table have been rounded and thus differ slightly from estimates presented elsewhere in this data book.

**Table 3.11: Projected Average Annual Job Growth for Nursing Workforce Jobs in Nevada by Region – 1998 to 2008**

- Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occp.htm](http://detr.state.nv.us/lmi/lmi_occp.htm).
- Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.12: Average Annual Growth Rate of Nursing Jobs in Nevada by Region – 1998 to 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.13: Estimated Employment of Pharmacy Personnel in Nevada by Region – 1998 and Projected 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.14: Projected Average Annual Job Growth for Pharmacy Jobs in Nevada by Region – 1998 to 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.15: Average Annual Growth Rate of Pharmacy Jobs in Nevada by Region – 1998 to 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.16: Estimated Employment of Selected Allied Health Personnel in Nevada by Region – 1998 and Projected 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.17: Projected Average Annual Growth of Laboratory Technology Jobs in Nevada by Region – 1998 to 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

**Table 3.18: Average Annual Growth Rate of Laboratory Technology Jobs in Nevada by Region – 1998 to 2008**

**Source:** Nevada Department of Employment, Training, and Rehabilitation. 2000. "Nevada Occupational Employment and Projections 1998-2008." *1998 Nevada OES Wage Survey*. Carson City NV: NDETR. Internet site: [http://detr.state.nv.us/lmi/lmi\\_occup.htm](http://detr.state.nv.us/lmi/lmi_occup.htm).

**Notes:** "Las Vegas MSA" includes Clark and Nye Counties in Nevada and Mohave County in Arizona. "Rural and Frontier Counties" include all rural and frontier counties in Nevada except Nye County.

## **Section 4: Health Care Resources in Rural and Frontier Nevada**

**Table 4.1: The Unique Geography of General Acute-Care Hospitals in Rural and Frontier Nevada**

**Source:** Nevada Department of Transportation. 2001. *2000-2001 Office Nevada Highway Map*. Carson City NDOT.

**Table 4.2: General Acute Care Hospitals in Rural and Frontier Areas of Nevada – 2002**

**Source:** Bureau of Licensure and Certification, Nevada State Health Division. 2002. *Medical Facilities – January 2002*. Carson City NV: BLC.

**Table 4.3: General Acute Care Hospitals in Urban Areas of Nevada – 2002**

**Source:** Bureau of Licensure and Certification, Nevada State Health Division. 2002. *Medical Facilities – January 2002*. Carson City NV: BLC.

**Table 4.4: Profile of Nevada's Rural and Frontier Hospitals – Ownership and Tax Status – May 2002**

**Source:** Nevada Rural Hospital Project. 2001. *Nevada Rural Hospital Project Membership Guide 2001*. Reno NV: NRHP.

**Table 4.5: Profile of Nevada's Rural and Frontier Hospitals – Number of Licensed Beds**

**Source:** Bureau of Licensure and Certification, Nevada State Health Division. 2002. *Medical Facilities – January 2002*. Carson City NV: BLC.

**Table 4.6: Distribution of Health Care Resources in Rural and Frontier Nevada – 2002**

**Source:** Bureau of Licensure and Certification, Nevada State Health Division. 2002. *Medical Facilities – January 2002*. Carson City NV: BLC.

**Notes:** Bed-to-population ratios are calculated with unpublished 2002 population estimates prepared by the Nevada State Demographer’s Office (2002).

**Table 4.7: Profile of Critical Access Hospitals (CAHs) in Nevada – 2002**

**Source:** Unpublished data from the Nevada Rural Hospital Flexibility Program, Reno NV. 2002.

**Notes:** The term “Critical Access Hospital” is a Medicare hospital facility designation from the Centers for Medicare and Medicaid Services. This designation allows small rural hospitals to receive cost-based reimbursement for both inpatient and outpatient services provided to Medicare beneficiaries. Nevada CAHs and CAH-eligibility facilities receive financial and technical assistance from the Nevada Rural Hospital Flexibility Program which is administered by the Nevada Office of Rural Health.

**Table 4.8: Rural Health Clinics (RHCs), Federally Qualified Community Health Centers (FQHCs), and Independent Centers for Emergency Medical Care (ICEs) in Rural and Frontier Areas of Nevada – 2002**

**Source:** Bureau of Licensure and Certification, Nevada State Health Division. 2002. *Medical Facilities – January 2002*. Carson City NV: BLC.

**Table 4.9: Tribal Medical Clinics and Health Centers in Nevada – 2002**

**Source:** Unpublished data from the Nevada State Office of Rural Health, Reno NV. 2002.

**Table 4.10: Nevada’s Rural and Frontier Telemedicine Network – 2002**

**Source:** Unpublished data from the Nevada State Office of Rural Health, Reno NV. 2002.

**Notes:** Other more limited uses of technology are available but not listed in Table 4.10.

## **Section 5: Economic Aspects of Health Care in Rural and Frontier Nevada**

**Table 5.1: Impact of the Health Sector on Employment in Rural and Frontier Nevada – 1999**

**Source:** Harris, T. 2002. Unpublished data on the impact of rural health care sectors on income and employment. Reno NV: Center for Applied Statistics, University of Nevada, Reno.

**Table 5.2: Impact of the Hospital Sector on Employment in Rural and Frontier Nevada – 1999**

**Source:** Harris, T. 2002. Unpublished data on the impact of rural health care sectors on income and employment. Reno NV: Center for Applied Statistics, University of Nevada, Reno.

**Table 5.3: Impact of the Health Sector on Income in Rural and Frontier Nevada – 1999**

**Source:** Harris, T. 2002. Unpublished data on the impact of rural health care sectors on income and employment. Reno NV: Center for Applied Statistics, University of Nevada, Reno.

**Table 5.4: Impact of the Hospital Sector on Income in Rural and Frontier Nevada – 1999**

**Source:** Harris, T. 2002. Unpublished data on the impact of rural health care sectors on income and employment. Reno NV: Center for Applied Statistics, University of Nevada, Reno.

**Table 5.5: Utilization Trends in Rural and Frontier Hospitals in Nevada – State Fiscal Year Ending June 30, 2001**

**Source:** Division of Health Care Financing and Policy, Nevada Department of Human Resources. 2002. *Year End June 30, 2001 Summary Financial Report – Three Volumes*. Carson City NV: DHCFP.

**Notes:** No data is presented for the Owyhee Community Health Facility, since the facility does not submit state-mandated hospital quarterly reports to the Division of Health Care Financing and Policy.

**Table 5.6: Financial Data for Rural and Frontier Hospitals in Nevada – Operating Revenue – State Fiscal Year Ending June 30, 2001**

**Source:** Division of Health Care Financing and Policy, Nevada Department of Human Resources. 2002. *Year End June 30, 2001 Summary Financial Report – Three Volumes*. Carson City NV: DHCFP.

**Notes:** No data is presented for the Owyhee Community Health Facility, since the facility does not submit state-mandated hospital quarterly reports to the Division of Health Care Financing and Policy.

**Table 5.7: Financial Data for Rural and Frontier Hospitals in Nevada – Net Operating Revenue – State Fiscal Year Ending June 30, 2001**

**Source:** Division of Health Care Financing and Policy, Nevada Department of Human Resources. 2002. *Year End June 30, 2001 Summary Financial Report – Three Volumes*. Carson City NV: DHCFP.

**Notes:** No data is presented for the Owyhee Community Health Facility, since the facility does not submit state-mandated hospital quarterly reports to the Division of Health Care Financing and Policy.

**Table 5.8: Financial Data for Rural and Frontier Hospitals in Nevada – Net Income – State Fiscal Year Ending June 30, 2001**

**Source:** Division of Health Care Financing and Policy, Nevada Department of Human Resources. 2002. *Year End June 30, 2001 Summary Financial Report – Three Volumes*. Carson City NV: DHCFP.

**Notes:** No data is presented for the Owyhee Community Health Facility, since the facility does not submit state-mandated hospital quarterly reports to the Division of Health Care Financing and Policy.

***Table 5.9: Financial Data for Rural and Frontier Hospitals in Nevada – Profit per Adjusted Admission and Profit per Adjusted Inpatient Day – Fiscal Year Ending June 30, 2001***

**Source:** Division of Health Care Financing and Policy, Nevada Department of Human Resources. 2002. *Year End June 30, 2001 Summary Financial Report – Three Volumes. Carson City NV: DHCFP.*

**Notes:** The total figures for rural and frontier hospitals exclude Incline Village Community Hospital. No data is presented for the Owyhee Community Health Facility, since the facility does not submit state-mandated hospital quarterly reports to the Division of Health Care Financing and Policy.

