



## **Work-based Learning and Industry Recognized Credential Biennial Report 2022-2024**

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## Table of Contents

Overall WBL Participation .....	4
Student Participation in a WBL Experience .....	4
WBL Experience Definitions.....	5
Disaggregated and Unduplicated WBL Participation .....	6
Earned IRCs by CTE Career Cluster.....	8
Work-based Learning Employer List by District.....	12

## Overview

The purpose of the 2022-2024 Biennial Report is to provide the number of pupils participating in work-based learning (WBL) along with the types of WBL offered according to [NRS 389.167](#) and in addition the number of industry credentials earned according to [NAC 389.800](#). The Office for Workforce Innovations (OWINN) prepares and maintains the list of Nevada's Industry Recognized Credentials (IRC).

In the 2017 Nevada Legislative Session, Nevada Revised Statutes (NRS) 389.167, subsection 7, was amended through the passage of Senate Bill (S.B.) 66 defining WBL and the application and reporting requirements concerning such. The bill required the local board of trustees of a school district or the governing body of a charter school to report back to the State Board of Education and the Legislature with the following items:

- The number of students participating in WBL courses; and
- The number of students participating in WBL that was not for credit, embedded into another course.

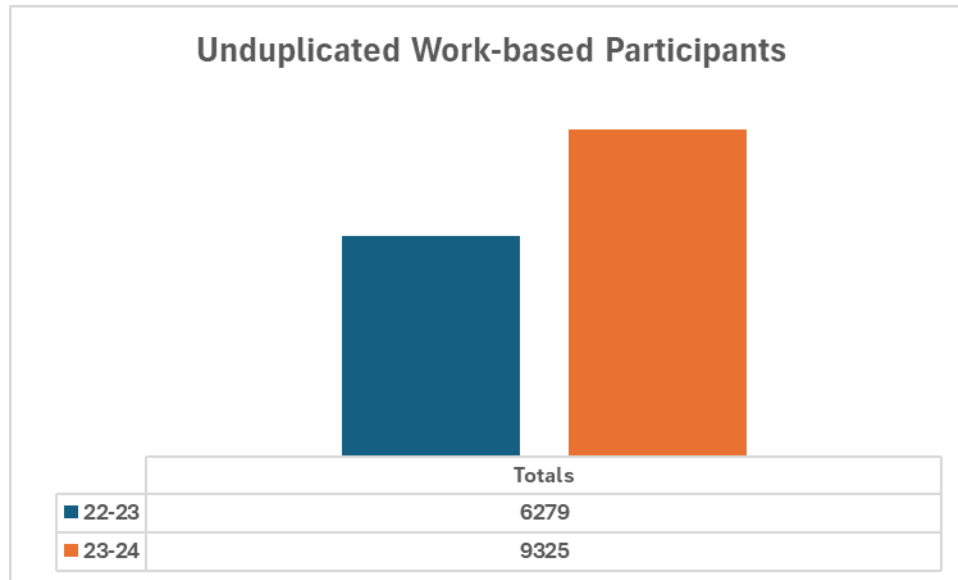
In the 2021 Nevada Legislative Session, these requirements were amended through the passage of AB 38 to require that data be submitted in a disaggregated format. In addition, [389.825](#) requires each district to report a list of participating employers.

This report is inclusive of the following local education agencies that reported during the 2022-2023 and the 2023-2024 school year:

1. Carson
2. Churchill
3. Clark
4. Douglas
5. Elko
6. Lander
7. Lyon
8. Nye
9. State Public Charter School Authority
10. Washoe
11. White Pine

## Overall WBL Participation

The following chart includes the number of reported unduplicated students participating in work-based learning for 2022-2023 and 2023-2024 school years.

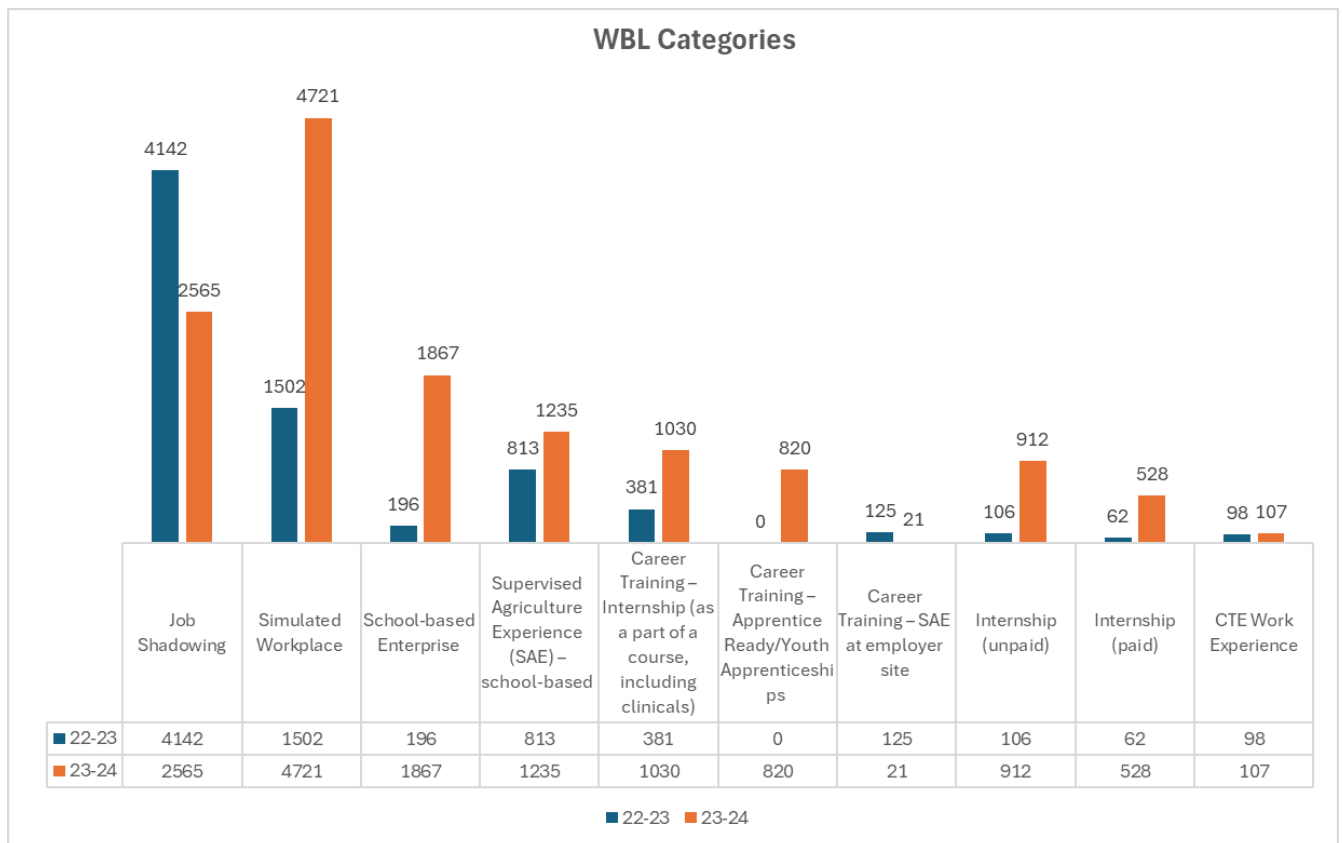


## Student Participation in a WBL Experience

The table below lists the types of WBL experiences for Career Preparation which provides more direct experience in a certain career field or industry and Career Training activities which require advanced students to apply technical and employability skills in a work setting.

Career Preparation	Career Training
Job Shadowing	Clinical Experiences
School-based Enterprises	CTE Work Experience
Supervised Agricultural Experience (SAE): Research	Internships
	SAE: Entrepreneurship/Ownership
	SAE: Placement/Internship

The following chart provides the number of students participating in an individual work-based learning experience. The minimum number of hours for a WBL experience for non-credit is 15 hours, 60 hours for a half credit, and 120 hours to earn one credit.



## WBL Experience Definitions

**Clinical Experiences:** Health science programs often require clinical experience in a hospital or clinic to prepare for a state licensing exam. Clinical hours are dictated by the state governing board of that profession or by licensing requirements. Emergency Medical Technician and Nursing Assistant are examples of secondary programs of study that have required clinical hours. Clinical experiences are typically embedded into program courses; therefore, credit is earned through completion of the health science course. Students may elect to take an additional work-based learning course for credit related to their career interest.

**CTE Work Experience:** Students may take a course in CTE Work Experience. This is a paid position where the student is working in a job related to a CTE program of study. Technical and employability skills learned in the classroom are incorporated into the student’s learning plan and applied on the job. A training plan and signed training agreement are required. CTE work experience should be a minimum of hours worked equal to the number of hours required for any other course of that same credit, usually 60 hours per half credit.

**Internship:** Internship is a work-based learning experience that places the student in a real workplace environment to develop and practice career-related knowledge and skills for a specific career field related to the student’s career interests, abilities, and goals. Internships may be paid or unpaid and are 15 hours or more in duration. They are connected to classroom learning and accompanied by structured reflection activities. Students participating in internships are guided by a formal, written training plan that defines specific academic and workplace skills to be mastered. Internships may be taken for course

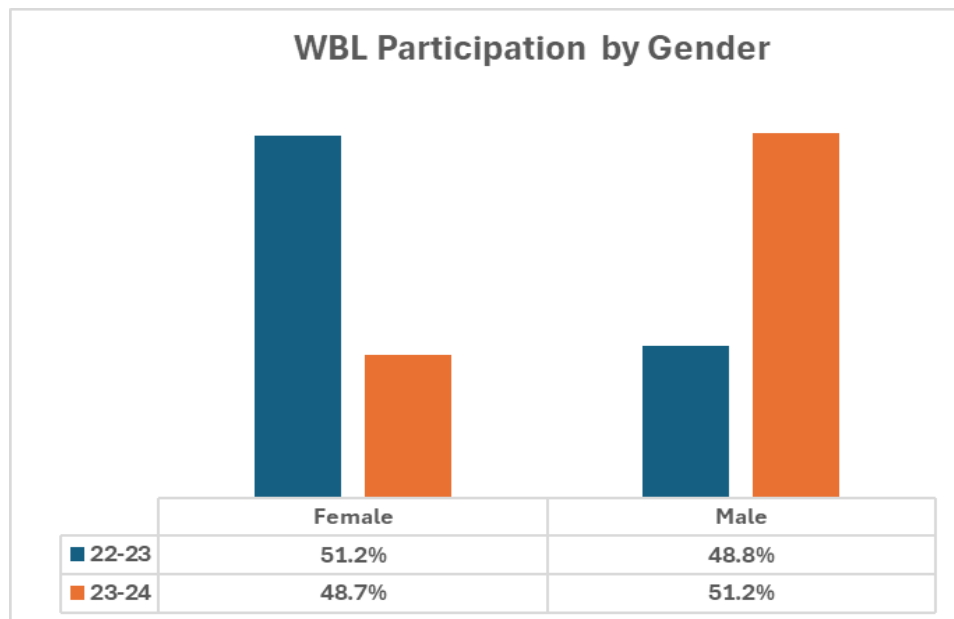
credit if they meet the hours prescribed by the district for earning credit, typically 60 hours per semester credit. This is most appropriate for third- and fourth year students.

**Job Shadowing:** This is a short-term experience, usually one to three days, where students go to a place of business related to their career interest. The student “shadows” one or more employees to learn what that person does on a daily basis as well as gain an overview of the business’s operations. Job shadowing can be in small groups, but it is different from an industry tour in that one or two jobs are examined in detail. Job shadowing at a few different places may inform a student’s decision to explore a career path or industry further in an internship or CTE Work Experience course.

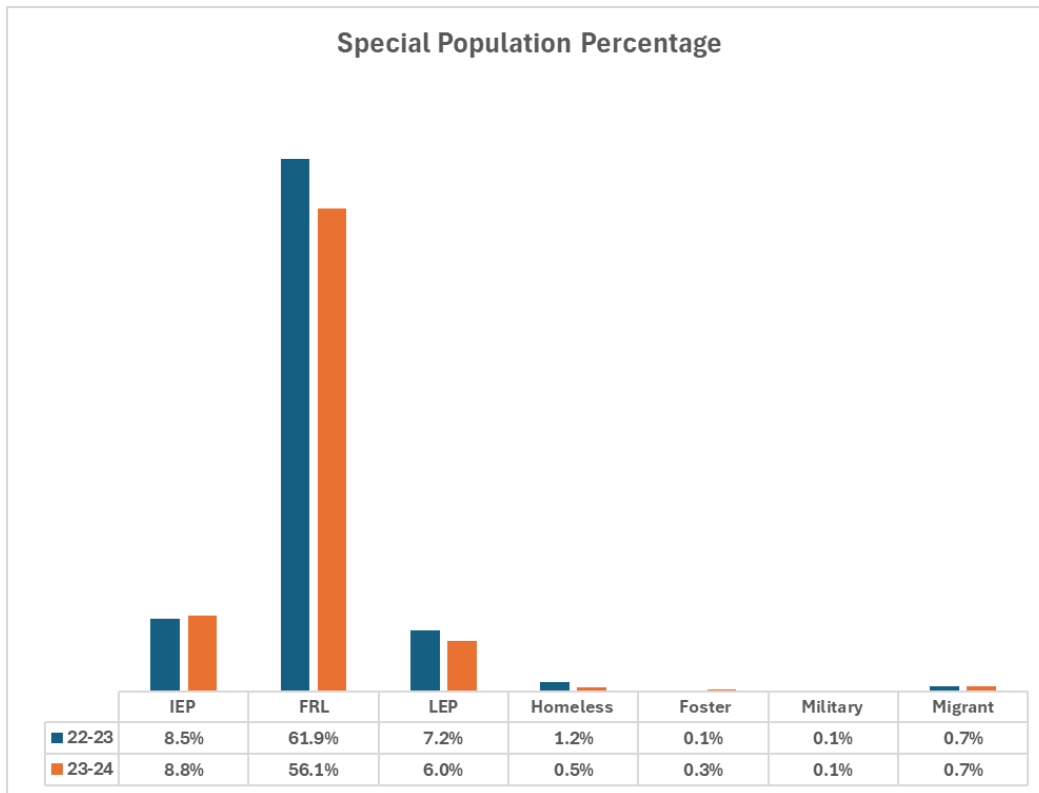
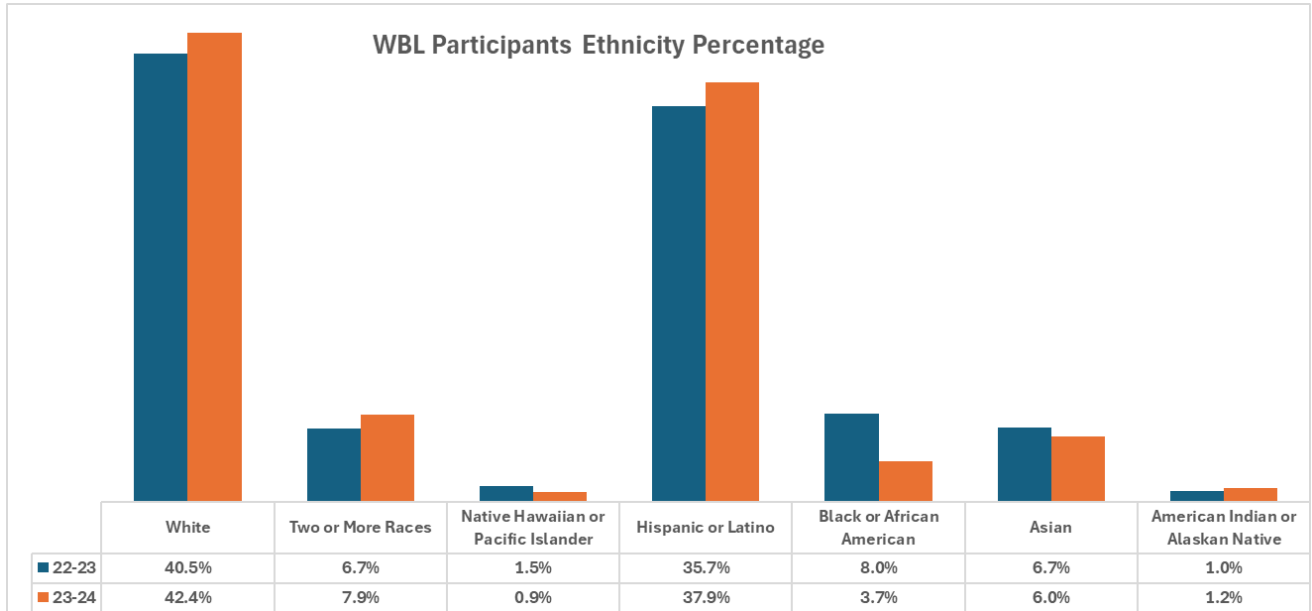
**School-based Enterprise:** Students operate a business from the school/classroom by selling products or services delivered to internal or external customers. This is a business activity where the students are applying their business and/or other technical skills to sell a product or service. A school-based enterprise is not the same as a fund-raising activity of short or sporadic duration.

**Supervised Agricultural Experiences (SAE):** The SAE is a required component of a total agricultural education program and intended for every student in an agriculture class. The National Council for Agricultural Education provides clear descriptions and foundational learning outcomes for each type of SAE at the Foundational and Immersion levels. For reporting purposes in Nevada, Immersion level experiences in the areas of Ownership/Entrepreneurship, Placement/Internship, and Research are included in the continuum and data collection. SAEs in school-based enterprises are included in the data with other school-based enterprise activities.

## Disaggregated and Unduplicated WBL Participation



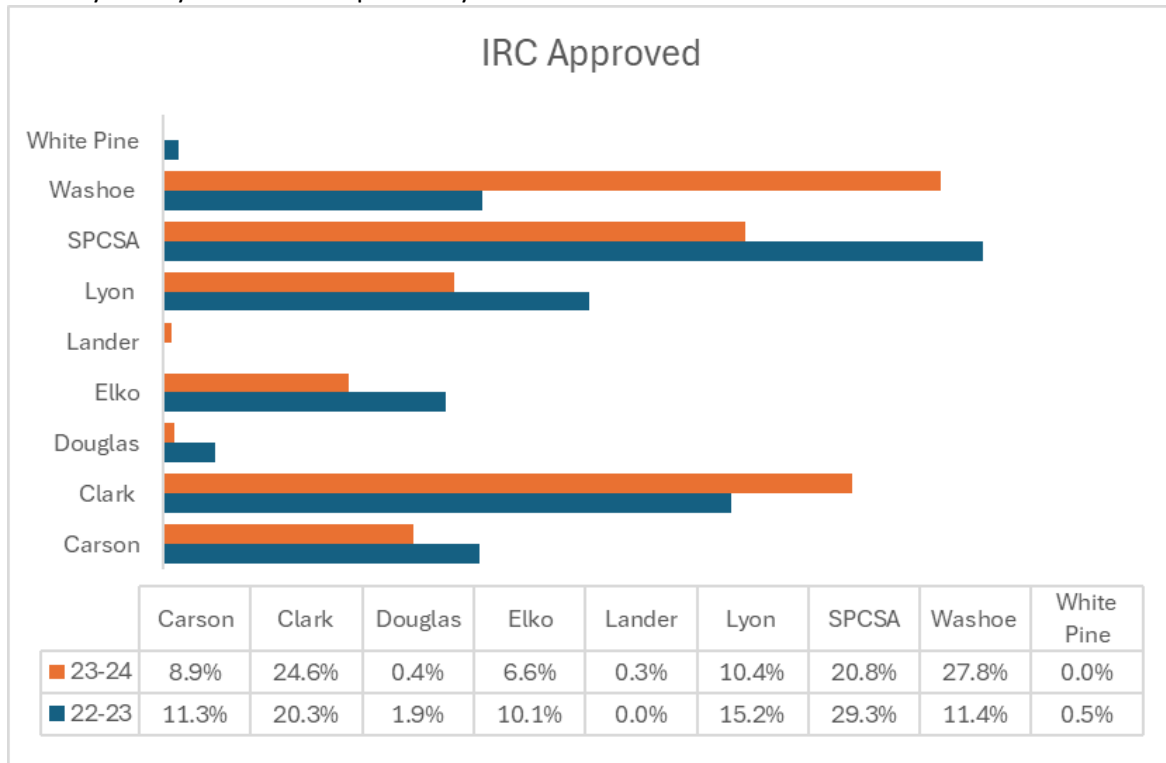
## Disaggregated and Unduplicated WBL Participation



Note: The percentages do not total to 100 percent due to some participants not identifying their gender.

## Industry Recognized Credentials (IRC)

The table below is a compilation of district reports received by the Nevada Department of Education on unduplicated Industry-Recognized Credentials (IRCs) earned by students the 2022-2023 and 2023-2024 school years by total count reported by each district.



## Earned IRCs by CTE Career Cluster

<b>Architecture and Construction</b>
CAD
OSHA
<b>Business Management and Administration</b>
Intuit Certified Bookkeeping
<b>Health Science</b>
CPR/1st Aid
Certified Medical Administrative Assistant (CMAA)
Certified Clinical Medical Assistant (CCMA)
Certified Nursing Assistant (CNA)
Community Health Care Worker (CHCW)
Emergency Medical Technician



<b>Hospitality and Tourism</b>
ServSafe Food Handler
ServSafe Manager
Southern Nevada Health Card
<b>Human Services</b>
Cosmetology License
<b>Information Technology</b>
Cisco Certified Network Associates (CCNA)
A+
Network+
Security +
Cybersecurity Fundamentals
Information Technology: Networking
Microsoft Office Specialist
Web Design
<b>Manufacturing</b>
CNC Specialist
OSHA
SolidWorks
Welding 3G
<b>Science, Technology, Engineering, and Mathematics</b>
Certificate of Achievement – Electrical System Technology
<b>Transportation, Distributions. And Logistics</b>
Certificate of Achievement - Diesel General Service Technician
<b>Workplace Readiness</b>
Armed Services Vocational Aptitude Battery (ASVAB)
National Career Readiness Certificate (NCRC)

The following table provides a list of certificates that were earned but do not appear on the OWINN list of State Approved Credentials.

<b>Architecture and Construction</b>
Carpenter's Career Connection Certification
International Residential Code
NCCER - Construction Site Safety Orientation
NCCER - HVAC
NCCER – Introductory Craft Skills
<b>Arts, A/V Technology, and Communications</b>
United States Institute for Theatre Technology

<b>Business Management and Administration</b>
Business Management
IRS Tax Preparer
<b>Health Science</b>
American Heart Association BLS
American Heart First Aid
Emergency Medical Responder
Health Card
Pharmacy Technician
Stop the Bleed
<b>Hospitality and Tourism</b>
ACF Certified Fundamental Cook
<b>Information Technology</b>
API Certification
Information Technology: Networking-CISCO
Microsoft Office
Network Pro
PC Pro
Unity Certified User: Artist
Unity Certified User: Programmer
<b>Law, Public Safety, Corrections, and Security</b>
Emergency Dispatch Certification
Federal Emergency Management Agency Credential
Incident Qualification Card
National Incident Management
<b>Manufacturing</b>
American Welding Society (AWS)
Smart Automation Certification Alliance (SACA)
Shield Metal Arc Welding (SMAW)
Gas Metal Arc Welding (GMAW)
<b>Science, Technology, Engineering, and Mathematics</b>
Certified Onshape Associate
Certified SolidWorks Associate
Haas Operator Certification
<b>Teaching and Training</b>
ParaPro - Paraprofessional

<b>Transportation, Distributions. And Logistics</b>
Automotive Service Excellence (ASE)
Aviation Maintenance Certificate
EPA 608 Universal Certification
FAA Knowledge Check
FAA Written exam
FAA Written Test
Instrument Rating
LMH Diesel Technician
Private Pilots License

## Work-based Learning Employer List by District

<b>Carson</b>	<b>Company/Organization</b>
	Baker Hughes/Bentley Nevada
	Basalite
	Briggs Electric
	Browsers Book Store-Carson City Library
	Bureau of Land Management-Wildland Firefighters
	Carson City Chamber of Commerce
	Carson City Fire Department
	Carson City Library
	Carson City Parks and Recreation Department
	Carson City School District Educational Services Department
	Carson City School District Nutrition Department
	Carson City School District Operations Department
	Carson Medical Group
	Carson Tahoe Health
	CGI
	Charles River Laboratory
	Chromalloy
	Click Bond
	Common Ground Church
	CORE Construction
	Department of Juvenile Services-Probation
	Eagle Valley Children's Home
	Envirolution
	Fastenal
	Galaxy Theatres/ Carson City
	GES Nevada
	Greenhouse Garden Center
	Hope Crossing Church
	In-N-Out Burger
	Jiffy Air Tool
	JK Products
	JOIN
	Les Schwab Tires
	Living Stones Church
	Local 169 LiUNA
	Lumos and Associates
	Miles Construction
	Miles Construction

<b>Carson</b>	<b>Company/Organization</b>
	Mountain Vista Baptist Church
	Nevada Builders Alliance
	Nevada Department of Transportation
	Nevada Department of Wildlife
	Nevada Division of State Parks
	Nevada Humane Society
	Nevada Kids Foundation
	Nevada Mining Association
	North Sails
	Northern Nevada Electrical
	Northern Nevada Ford Dealers
	Northern Nevada Sheet Metal Apprentices
	Northern NV RAVE Family Foundation
	ORMAT Technologies
	Ormsby Post-Acute Rehabilitation
	Pacific Mist Church
	Patagonia
	Project Discovery Leadership Training Solutions
	Q&D Construction
	Quick Space
	Redwood Materials
	Ron Wood Family Resource Center
	Sierra Mountain Education
	Southwest Gas
	Starbucks Roasting Plant
	Tesla
	The Greenhouse Project
	Tumblewinds
	US Bank
	USDA Fire Fighters
	Vineburg Machining, Inc
	Western Nevada Supply
	WNC Child Development Center

<b>Churchill</b>	<b>Company/Organization</b>
	A and K Construction
	Banner Churchill Community Hospital
	Berney Realty
	Bighorn ATV & Small Engine Repair
	CC Communications
	CEDA (Churchill Entrepreneur Development Association)
	Fallon Ford-Toyota
	Fallon Glass
	Fallon Paiute Shoshone Tribe
	Hendrix Insurance
	Hiskett & Sons
	Hyde Dental Prosthetics
	J&K Llamas Landscape & Nursery
	Kent's Supply Center
	Lahontan Valley News
	Lahontan Valley Veterinary Clinic
	Mills Farm & Industrial
	New Millenium Building Systems
	Oasis Air Conditioning & Heating
	Rambling River Ranches
	Stillwater Homes
	The Fallon Post
	The Village Nursery & Garden Center
	Torvik Veterinary Services
<b>Clark</b>	<b>Company/Organization</b>
	Absolute Dental
	AMR Community Ambulance
	Clark County School District / Teaching and Training
	Findley Automotive Group
	Gaudin Automotive
	GSL Electric
	Las Vegas Fire and Rescue
	Las Vegas Natural History Museum
	Marquis Centennial Hills
	MGM
	Nevada HEALS
	Southwest Regional Carpenters Union
	Toyota International
	Valley Health System
	Wells Enterprise/Blue Bunny

Douglas	Company/Organization
	Autozone
	Best Buy
	Carson Valley Chamber of Commerce
	Carson Valley Golf Course
	Carson Valley Inn
	Carson Valley Swim Center
	Grocery Outlet
	Grocery Outlet
	In-N-Out Burger
	JT Basque
	Khristopher's Ristorante
	Kid's Kind of Place
	Nevada Joe Coffee on Main
	Nova Tile and Stone
	Panda Express
	Sierra Express Car Wash

Elko	Company/Organization
	Accelerated Medical
	Bartons 93
	Bureau of Land Management
	Carlin Elementary Kindergarten
	Chester Plumbing
	City of Carlin
	City of Elko Combined Narcotics Unit
	Cybersecurity
	Elko Broadcasting
	Elko County Ambulance
	Elko County Fairgrounds
	Elko County Fire Protection District
	Elko County Juvenile Probation
	Elko County School District
	Elko County School Resource Officers
	Elko County Sheriff's Department
	Elko Federal Credit Union
	Elko Federal Credit Union
	Elko Lion's Camp
	Elko Police Department
	Elko Veterinary Clinic
	Event Source
	First Choice Physical Therapy
	Full Range Physical Therapy
	Gallagher Ford
	Governor's Office of Economic Development
	Great Basin College Child and Family Center
	Green Our Planet
	Highland Manor
	Highmark Construction
	Hotel Lamoille
	House 2 Home Window Fashions
	Ignite Life Chiropractic
	Kinross Gold Corporation – Bald Mountain
	Komatsu
	Maverick Gaming
	Micron
	Mybrary
	Nevada Department of Wildlife
	Nevada Division of Forestry



<b>Elko</b>	<b>Company/Organization</b>
	Nevada Division of Forestry
	Nevada Gold Mines
	Northeastern Nevada Regional Hospital
	NV Energy
	Ormaza Construction
	Print and Copy Center
	REACH Medical Flight
	RISE
	Ruby 360
	Silverstone
	Slothower Pediatrics
	State Farm Insurance
	UPS Store
	US Forest Service
	USDA Farm Services Agency
	Vitalant
<b>Eureka</b>	<b>Company/Organization</b>
	Eureka County Pool
	Eureka Outdoors & Tires
<b>Lander</b>	<b>Company/Organization</b>
	RE/MAX
	Battle Mountain Dentist
	Battle Mountain FFA
	Battle Mountain General Hospital
	Battle Mountain Rec Center
	Chevron
	Coffee House
	Mama's Pizza
	Maverick
	TS Ranch

Lyon	Company/Organization
	1st and 10
	Ag Welding
	Air Guys LLC
	Animal Care Center
	Back Alley Salon
	Bliss Beauty Bar
	Bobrick Custom Hay
	Boys & Girls Club of Mason Valley
	Boys & Girls Club of Truckee Meadows
	Cardin Realty
	Ceresola Livestock
	City of Fernley
	City of Yerington
	Community Roots
	D&S Waste Removal
	Dayton Food Pantry
	Dayton Valley Learning Center
	DBM Equipment
	Dolan Auto
	Eden Valley Excavating
	Exp Realty - Gillespie
	F&M Livestock
	Fernley Estates
	First Choice Staffing
	GE Excavating
	Gillespie Group LLC
	Great Basin Alpacas
	Grocery Outlet
	High Voltage Electric
	Huntley Motor World
	Image Studios
	Integrative-Functional Medicine
	J's Bistro
	K&C Construction
	Lazy GF Ranch
	LCSD IT
	Left Coast Pizza
	Lyon County Animal Services
	Lyon County Library
	Lyon County Sheriff

Lyon	Company/Organization
	Lyon County Treasurer
	Lyons Den
	M&M Handyman Services
	Marsh Law PLLC
	Mason & Smith Valley Conservation
	Moffitt Animal Clinic
	MSC
	Napa
	Nevada State Parks
	North Lyon Fire
	Oskar Septic Service LLC
	Our Second Home Daycare
	Peri and Sons
	Pizza Factory
	Ray Construction
	RHNI
	River Concrete Construction
	Rocket EMS Inc
	Round Up Awards
	San Miguel
	Sierra Nevada
	Silver Springs Senior Center
	Silver Stage Food Pantry
	Snyder Livestock
	South Lyon Medical
	State Farm
	State of NV: DCFS
	Tesla
	Thomas Real Estate Group
	Through a Child's Eyes Foundation
	Vinnie's Electric
	Wallis Steel Inc.
	Whisky Rose
	Wild West Chevy
	Yerington Food Pantry
	Zoo'n Around

<b>Nye</b>	<b>Company/Organization</b>
	Dr. Melanie
	Great Basin College
	H&M Harker Ranch
	Hubbster
	Judge Wanker, Nye County Courthouse
	Living Free Café
	Make and Offer Thrift Store
	Never Forgotten
	Nye Communities Coalition
	Nye County School District: JG Johnson Elementary, PVHS Maintenance, Transportation
	Oh Happy Bread
	Pahrump Family Medical
	Patriot Pawn & Thrift
	Pepper Jay
	PVYA
	Red Rock Threads
	Shelly Belly Bagel
	Spring Mountain Motor Sports
	Superior Mortgage
	Valley Electric Association
	Water Rock Ranch
<b>State Public Charter School Authority</b>	<b>Company/Organization</b>
	Intellatek
	Community Ambulance
	Engel & Volkers
	Jennifer RyzMann
	LUV Car Wash
	Chapman Dealership
	6651 Customs
	Purple Flare Wraps
	Clark County Information Technology Department
	Nevada Help Desk
	Clark County District Attorney's Office

<b>Washoe</b>	<b>Company/Organization</b>
	Associated General Contractors of Nevada
	BJ's BBQ
	Charles River
	City of Reno IT Department
	Food Bank of Northern Nevada
	Grand Sierra Resorts
	Hamilton Company
	HDR
	Intuit
	Kimmie Candy
	KUNR
	Microsoft
	Northern Nevada Apprenticeship Coordinators' Association
	Northern Nevada Medical Center
	NOW Foods
	Panasonic
	Pathways to Aviation – Atlantic Aviation
	Peppermill Casino Resorts
	Q&D Construction, Inc.
	Rail City Nursery
	REMSA
	Reno Orthopedic Clinic (ROC)
	Renown Health
	Tesla
	Truckee Meadows Community College
	Truckee Meadows Water Authority
	University of Nevada, Reno
	Van Woert Bigotti Architects
	Washoe County School District
	Washoe County Sheriff's Department

White Pine	Company/Organization
	Beans and Brew Coffee Shop
	Boys and Girls Club
	Bruno's Sandwich
	Carl Juniors Fast Foods
	City Government
	Copper Queen Hotel
	Custom Cleaning Ely-Owner Erin Bishop
	Den Elementary School
	Dollar General
	Economy Drugs
	Fire Station
	Flower Basket Coffee
	Holiday Inn
	Hometown Pizza
	Jailhouse Hotel
	La Fiesta
	Learning Bridge Charter School
	Margaritas
	Nevada Northern Railway
	Racks Bar and Grill
	Ridley's Family Market
	Sahara Motors
	Sarena Bowless Cleaning Service
	State Farm
	Steptoe Veterinary Services
	Subway
	Various Local Ranches
	White Pine Aquatic Center
	White Pine Glass
	White Pine High School
	William B. Ririe Hospital