

Nevada's Regulated Occupations Data and Analysis

2022

Governor's Office of Workforce Innovation Report to the
Legislative Counsel Bureau

GOWINN

GOVERNOR'S OFFICE OF WORKFORCE INNOVATION

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REPORT OVERVIEW

Occupational licensing spans many different industries and professions, impacting the lives of hundreds of thousands of Nevadans. Workers in industries spanning from accountancy to landscape architecture to private investigators require occupational licenses to work. Thus, it is imperative to present the number of employees in occupational licensing fields, descriptions of their duties, and the demand for services provided by these workers.

N.R.S. 232.975, amended by AB 459 from the 2021 legislative session, states that at the direction of the Director of the Department of Employment, Training, and Rehabilitation (DETR), the Executive Director of the Governor’s Office of Workforce Innovation (GOWINN) report to the Director of the Legislative Counsel Bureau (LCB) on or before January 1 of each year the following:

- (a) “Statistical data based on an analysis of the number of persons within this State who are engaged in an occupation or profession that is regulated by a regulatory body in relation to the total population of this State or any geographic area within this State;”
- (b) “The demand within this State or any geographic area within this State for the types of services provided by persons within this State who are engaged in an occupation or profession that is regulated by a regulatory body; and”
- (c) “Any other factors relating to the types of services provided by persons within this State who are engaged in an occupation or profession that is regulated by a regulatory body that adversely affect public health or safety.”

This report relies on data from the occupations and professions that are regulated by the State’s Title 54 occupational licensing boards to address these requirements. The first section relies on data provided by the Legislative Counsel Bureau (LCB) to provide the total amount of licenses for each regulated occupation. The second section utilizes the Governor’s Office of Economic Development (GOED) to assess the in-demand ranking of each regulated occupation, along with other factors that influence the number of professionals that are engaged in the listed occupations. Finally, the third section analyzes worker safety with the Department of Labor’s O*NET to assess jobs exposed to hazardous conditions; future recommendations are also provided to clarify existing legislative requirements.

NUMBER OF NEVADANS IN REGULATED OCCUPATIONS

Table 1 presents the number of workers who are engaged in regulated occupations and professions in relation to the State population. “Board Name” refers to the name of the Title 54 Occupational Licensing Board that regulates the occupation. “Occupational License Name” refers to the license name for the regulated occupation or profession. “Total Licenses” is the latest reported number of individuals who have a license for the regulated occupation or profession. The table is sorted from the highest number of total licenses to the lowest number of licenses. “Relation to State Population Per 100,000” presents the number of individuals engaged in a certain regulated occupation or profession per 100,000 Nevadans. This calculation provides an approachable understanding to how many workers are within each regulated occupation and profession. Census data were used for the most recent state population estimate, which was 3,177,772 people as of July 2022.¹

Data for each licensing board featured in this table were provided by the LCB. The LCB website provides access to data from 37 of the State’s active licensing boards and is updated on a quarterly basis.² The website provides information such as the number of disciplinary actions taken; the number of applications received, reviewed, and rejected; and the number of licenses added and removed from that quarter.

The most recent update to this data was as of quarter three in 2022. Out of the total number of boards, 28 were updated as of the third quarter of 2022 and 9 had not been updated as of the third quarter of 2022 (Dental Examiners, Dispensing Opticians, Commissioner of Financial Institutions, Funeral Board, Long Term Care Administrators, Division of Mortgage Lending of the Department of Business and Industry, Board of Nursing, Board of Optometry, and Real Estate Division of the Department of Business and Industry). When the boards do not provide updated quarterly information, it makes it harder to track movement in a certain professional field. For example, the Real Estate board has not updated any licenses added or revoked since quarter one of 2021.

Table 1

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Real Estate	Real Estate Salesperson	59,957	1,886.76
Cosmetology	Cosmetologist	27,418	862.81
Nursing	Registered Nurse	21,547	678.05
Pharmacy	Controlled Substance	17,621	554.51
Medical	Medical Doctor	16,331	513.91
Engineers	Professional Engineer	15,997	503.40
Health	Medical Laboratory Personnel/Director	13,988	440.18
Cosmetology	Nail Technologist	11,967	376.58
Mortgage	Mortgage Loan Originators	10,912	343.39
Cosmetology	Esthetician	10,882	342.44
Pharmacy	Pharmacist	9,868	310.53
Real Estate	Real Estate Broker Salesperson	9,848	309.90
Cosmetology	Salon	8,708	274.03
Health	Office Laboratory Assistant	8,347	262.67
Real Estate	Real Estate Broker	8,067	253.86
Pharmacy	Pharmaceutical Technician	6,460	203.29
Massage	Massage Therapist	5,113	160.90
Architecture	Architect	4,926	155.01
Real Estate	Property Manager	4,794	150.86
Pharmacy	Pharmaceutical Technician in Training	4,308	135.57
Health	Laboratory Assistant	4,134	130.09
Contractors	B - General Building	3,917	123.26
Dental	Dentist	3,800	119.58
Accountancy	Certified Public Accountant	3,554	111.84
Medical	Practitioner Of Respiratory Care	3,263	102.68
Dental	Dental Hygienists	2,957	93.05
Physical	Physical Therapist	2,794	87.92

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Contractors	A - General Engineering	2,424	76.28
Real Estate	Appraiser - Temporary Practice Permit	2,280	71.75
Medical	Resident	2,180	68.60
Contractors	C-2 Electrical	2,084	65.58
Medical	Physician Assistant	2,015	63.41
Social Workers	Licensed Clinical Social Worker (LCSW)	1,911	60.14
Pharmacy	Pharmacy	1,693	53.28
Marriage	Marriage And Family Therapists	1,645	51.77
Osteopathic	Active Doctor of Osteopath	1,624	51.10
Barber	Registered Barber	1,606	50.54
Health	General Supervisor	1,583	49.81
Real Estate	Appraiser - Certified Residential	1,533	48.24
Contractors	C-3 Carpentry, Maintenance, And Minor Repairs	1,439	45.28
Pharmacy	Wholesaler	1,422	44.75
Real Estate	Appraiser - Certified General	1,382	43.49
Occupational	Occupational Therapist	1,283	40.37
Cosmetology	Hair Designer	1,234	38.83
Audiology	Speech-Language Pathologist	1,232	38.77
Cosmetology	Makeup Artist	1,208	38.01
Veterinary	Veterinarian	1,177	37.04
Social Workers	Licensed Master Social Worker (LMSW)	1,172	36.88
Social Workers	Licensed Social Worker (LSW)	1,138	35.81
Cosmetology	Unlicensed	1,129	35.53
Contractors	C21 - Refrigeration and Air Conditioning	1,114	35.06
Nursing	Certified Nursing Assistant	1,041	32.76
Contractors	C-4 Painting and Decorating	1,002	31.53
Physical	Physical Therapist Assistant	988	31.09
Contractors	C-1 Plumbing and Heating	980	30.84

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Pharmacy	APN Prescribe	973	30.62
Health	Blood Gas Technologist	951	29.93
Pharmacy	Intern Pharmacist	941	29.61
Veterinary	Veterinary Technician	921	28.98
Health	Dietitian	857	26.97
Marriage	Marriage And Family Therapist Interns	846	26.62
Cosmetology	Instructor	827	26.02
Chiropractic	Doctor Of Chiropractic - Active	824	25.93
Health	Point Of Care Analyst	820	25.80
Financial	649-Qualified Manager	819	25.77
Engineers	Professional Land Surveyor	807	25.40
Pharmacy	Medical Devices Equipment and Gases	741	23.32
Cosmetology	Advanced Esthetician	726	22.85
Pharmacy	Veterinary Dispensing	715	22.50
Marriage	Clinical Professional Counselors	714	22.47
Contractors	C10 - Landscape Contracting	712	22.41
Contractors	C-5 Concrete Contracting	653	20.55
Health	Clinical Laboratory Technologist	649	20.42
Contractors	C14 - Steel Reinforcing and Erection	644	20.27
Marriage	Clinical Professional Counselor Interns	634	19.95
Psychological	Psychology	628	19.76
Landscape	Registered Landscape Architect	625	19.67
Cosmetology	Provisional Instructor	619	19.48
Pharmacy	Technician Dispensing in Training	569	17.91
Optometry	License To Practice Optometry in Nevada	554	17.43
Private	Corporate Licenses	546	17.18
Nursing	Licensed Practical Nurse	534	16.80
Osteopathic	Special Licenses - Residents	522	16.43

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Cosmetology	Owner	516	16.24
Optometry	Optometric Pharmaceutical Agent Certificate (OPAC)	502	15.80
Real Estate	Appraiser - Residential	492	15.48
Barber	Barber Shop	459	14.44
Financial	649 - Collection Agency	435	13.69
Pharmacy	Practitioner Dispensing	423	13.31
Occupational	Occupational Therapy Assistant	406	12.78
Private	Private Patrolman	402	12.65
Opticians	Ophthalmic Dispenser (Active/Inactive)	391	12.30
Chiropractic	Chiropractor's Assistant	390	12.27
Cosmetology	Threader	389	12.24
Contractors	C20 - Tiling	384	12.08
Alcohol	Licensed Alcohol and Drug Counselor	378	11.90
Real Estate	Appraisal Management Company	374	11.77
Contractors	C16 - Finishing Floors	370	11.64
Mortgage	Mortgage Company	367	11.55
Real Estate	Appraiser - Intern	361	11.36
Contractors	C18 - Masonry	354	11.14
Barber	Apprentice Barber	353	11.11
Barber	Student	347	10.92
Contractors	C15 - Roofing and Siding	340	10.70
Accountancy	Limited Liability Company (LLC)	334	10.51
Accountancy	Corporation	318	10.01
Alcohol	Alcohol & Drug Intern	315	9.91
Cosmetology	Hair Braider	314	9.88
Athletic	Athletic Trainer	307	9.66
Health	Mammographer	294	9.25
Alcohol	Clinical Alcohol and Drug Counselor	293	9.22
Pharmacy	Technician Dispensing	287	9.03

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Long-Term Care	Residential Care/Assisted Living Facility Administrators	277	8.72
Contractors	C19 - Installing Terrazzo and Marble	276	8.69
Architecture	Residential Designer	274	8.62
Veterinary	Veterinary Facility	266	8.37
Court	Active Court Reporter Certificate	266	8.37
Private	Private Investigator	264	8.31
Contractors	C-8 Glass and Glazing	251	7.90
Alcohol	Certified Alcohol and Drug Counselor	248	7.80
Architecture	Registered Interior Designer	234	7.36
Environmental	Registered Environmental Health Specialist	219	6.89
Veterinary	Veterinary Technicians in Training	203	6.39
Cosmetology	Shampoo Technologist	201	6.33
Health	Blood Gas Assistant	191	6.01
Funeral	Funeral Arranger	182	5.73
Health	Medical Technician	180	5.66
Osteopathic	Compact Licenses	179	5.63
Pharmacy	PA Prescribe	175	5.51
Osteopathic	Active Physician Assistant	167	5.26
Alcohol	Alcohol And Drug Counselor Supervisor	167	5.26
Financial	649 - Foreign Collection Agency	163	5.13
Contractors	C17 - Lathing and Plastering	162	5.10
Health	Specialty Technician	161	5.07
Medical	Perfusionist	161	5.07
Cosmetology	Limited License	157	4.94
Veterinary	Inactive Veterinarians & Diplomates	157	4.94
Nursing	Advanced Practice Registered Nurse	155	4.88
Podiatry	Full Podiatry	150	4.72
Health	Licensed Laboratory Director	150	4.72

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Contractors	C-6 Erecting Signs	149	4.69
Funeral	Funeral Director	149	4.69
Long-Term Care	Nursing Facility Administrators	148	4.66
Opticians	Apprentice Ophthalmic Dispenser	148	4.66
Contractors	C41 - Fire Protection	147	4.63
Accountancy	Partnership	137	4.31
Optometry	Certificate To Treat Glaucoma	136	4.28
Contractors	C26 - Institutional Contracting	136	4.28
Mortgage	Other Exempt	128	4.03
Contractors	C40 - Specialties Not Authorized by Other Classifications	127	4.00
Contractors	Ab - General Engineering and General Building	126	3.97
Cosmetology	Student Instructor	125	3.93
Hearing	Hearing Aid Specialist	114	3.59
Alcohol	Clinical Alcohol and Drug Counselor Supervisor	112	3.52
Audiology	Dispensing Audiologist	106	3.34
Contractors	C23 - Drilling Wells & Installing Pumps, Pressure Tanks & Storage Tanks	99	3.12
Health	Registered Laboratory Director	97	3.05
Health	Specialty Technologist	94	2.96
Oriental	Doctor Of Oriental Medicine	92	2.90
Alcohol	Clinical Alcohol and Drug Counselor Intern	92	2.90
Funeral	Embalmer	88	2.77
Nursing	Emergency Medical Services-RN	88	2.77
Cosmetology	Salon - Owner	86	2.71
Mortgage	Supplemental Mortgage Servicers	84	2.64
Contractors	C25 - Fencing and Equipping Playgrounds	83	2.61
Private	Process Server	83	2.61

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Osteopathic	Inactive Doctor of Osteopath and Physician Assistants	82	2.58
Cosmetology	Cosmetic Demonstrator	81	2.55
Chiropractic	Doctor Of Chiropractic - Inactive	81	2.55
Audiology	Hearing Aid Specialist	81	2.55
Veterinary	Euthanasia Technician	75	2.36
Health	Histologic Technician	73	2.30
Cosmetology	Electrologist	69	2.17
Contractors	C-7 Elevation and Conveyance	67	2.11
Osteopathic	Active Not-Working Physician Assistant	65	2.05
Audiology	Audiologist	65	2.05
Funeral	Funeral Establishment	62	1.95
Mortgage	Mortgage Servicers	59	1.86
Court	Inactive Court Reporter Certificate	58	1.83
Alcohol	Provisional Alcohol and Drug Counselor	57	1.79
Nursing	Certified Registered Nurse Anesthetist	56	1.76
Cosmetology	Apprenticeship	55	1.73
Contractors	C33 - Installing Industrial Machinery	51	1.60
Environmental	Environmental Health Specialist - Trainee	50	1.57
Contractors	C30 - Installing Equipment to Treat Water	50	1.57
Private	Certified Firearm Instructors	49	1.54
Contractors	C13 - Using Sheet Metal	49	1.54
Podiatry	Podiatric Hygienist	49	1.54
Mortgage	Banker	48	1.51
Massage	Reflexologist	47	1.48
Court	Court Reporting Firm License	47	1.48
Contractors	C24 - Erecting Scaffolds and Bleachers	43	1.35
Social Workers	Licensed Advanced Social Worker (LASW)	40	1.26

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Veterinary	Diplomate	40	1.26
Contractors	C28 - Fabricating Tanks	39	1.23
Mortgage	Wholesale Mortgage Company	39	1.23
Health	Pathologist Assistant	34	1.07
Pharmacy	Veterinary Drug Supplier	33	1.04
Contractors	C31 - Wrecking	32	1.01
Private	Canine Handler	29	0.91
Health	Music Therapist	28	0.88
Homeopathic	Advanced Practitioner of Homeopathy	26	0.82
Cosmetology	Threading Establishment	26	0.82
Contractors	C11 - Spraying Mixtures Containing Cement	25	0.79
Private	Repossessor	24	0.76
Contractors	C36 - Installing Urethane	24	0.76
Health	Histotechnologist	24	0.76
Mortgage	Wholesale Lenders	23	0.72
Funeral	Crematory	23	0.72
Health	Cytotechnologist	23	0.72
Opticians	Limited Ophthalmic Dispenser (Active/Inactive)	23	0.72
Health	Blood Gas Technician	22	0.69
Homeopathic	Homeopathic Medical Doctor	21	0.66
Alcohol	Certified Gambling Counselor	20	0.63
Pharmacy	Outsourcing Facility	19	0.60
Massage	Structural Integration Practitioner	18	0.57
Funeral	Cemetery	18	0.57
Contractors	C39 - Installing Heaters	17	0.53
Mortgage	Escrow Agents	17	0.53
Funeral	Direct Cremation Facility	17	0.53
Marriage	Clinical Professional Counselors - Interim Permit	17	0.53
Barber	Instructor	17	0.53
Mortgage	Commercial Mortgage Company	17	0.53

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Accountancy	Sole Practitioner (Out of State Only)	17	0.53
Audiology	Hearing Aid Apprentice	17	0.53
Alcohol	Gambling Intern	16	0.50
Contractors	E-2 Owner/Builder Exceeding Three Stories	15	0.47
Contractors	C38 - Installing Equipment Used with Liquefied Petroleum and Natural Gas	13	0.41
Alcohol	Gambling Supervisor	13	0.41
Marriage	Marriage And Family Therapists - Interim Permit	13	0.41
Accountancy	Sole Practitioner (Out of State Only)	17	0.53
Audiology	Hearing Aid Apprentice	17	0.53
Alcohol	Gambling Intern	16	0.50
Contractors	E-2 Owner/Builder Exceeding Three Stories	15	0.47
Contractors	C38 - Installing Equipment Used with Liquefied Petroleum and Natural Gas	13	0.41
Alcohol	Gambling Supervisor	13	0.41
Marriage	Marriage And Family Therapists - Interim Permit	13	0.41
Hearing	Hearing Aid Specialist Apprentice	12	0.38
Contractors	C37 - Solar Contracting	11	0.35
Social Workers	Licensed Independent Social Worker (LISW)	11	0.35
Homeopathic	Homeopathic Assistant	11	0.35
Mortgage	Escrow Agencies	10	0.31
Landscape	Landscape Architect in Training	10	0.31
Hearing	Inactive Licenses	9	0.28
Veterinary	Animal Physical Therapist	9	0.28
Health	Pulmonary Laboratory Director	9	0.28
Contractors	E-1 Owner/Builder Not to Exceed Three Stories	8	0.25
Pharmacy	Warehouse	8	0.25
Veterinary	Animal Chiropractor	8	0.25

Board Name	Occupational License Name	Total Licenses	Licenses Per 100,000 Nevadans
Long-Term Care	Health Services Executive	8	0.25
Contractors	C27 - Individual Sewerage	8	0.25
Mortgage	Wholesale Banker	8	0.25
Health	Radiology	7	0.22
Financial	Unlicensed Collection Activities	7	0.22
Funeral	Apprentice Embalmer	7	0.22
Barber	Barber School	6	0.19
Mortgage	Commercial Bankers	5	0.16
Optometry	Mobile Optometry Clinic Certificate	5	0.16
Contractors	C42 - Constructing, Altering, Or Improving Video Service Networks	3	0.09
Private	Polygraph Examiner	3	0.09
Financial	628B - Private Professional Guardian Company	2	0.06
Pharmacy	Manufacturer	2	0.06
Mortgage	Covered Service Provider Associated Licensees	2	0.06
Private	Polygraph Examiner Intern	2	0.06
Osteopathic	Do Special NRS 633.401C	2	0.06
Contractors	C-9 Movement of Buildings	2	0.06
Mortgage	Covered Service Provider	2	0.06
Health	Radiological Health Insp.	2	0.06
Social Workers	Licensed Social Worker Provisional	2	0.06
Accountancy	Public Accountant	1	0.03
Podiatry	Limited Podiatry	1	0.03
Social Workers	Licensed Master Social Worker Provisional	1	0.03

Analysis

The data in Table 1 reveal trends on the current inventory of regulated occupations and professions based on the number of total licenses and state population. First, the Real Estate board has the most licensees with 89,088 total active licenses, followed by the Cosmetology board with 66,737 total active licenses. Both the Real Estate and Cosmetology boards have the first and second occupations with the greatest number of total licenses - Real Estate Salesperson with 59,957 licenses and Cosmetologist with 27,418 licenses. These singular occupations contribute to the Real Estate and Cosmetology boards being first and second in the overall number of total licenses. The board with the least number of total licensees is the Homeopathic Medical Examiners with a total of 58 active licenses.

The occupational licensing board with the most regulated occupations and professions is the Contractors board with 176 unique types of licenses. This would make sense given the nature of the field, as there are many types of jobs within construction. The Real Estate board follows with 29 unique types of licenses and Cosmetology with 26 unique types of licenses. Of the top 25 occupations and professions with the greatest number of total licenses, 11 occupations are within a health-related board (Nursing, Pharmacy, Medical Examiners, Health, and Dental Examiners). Altogether, the health-related occupations within the top 15 of Table 1 have 109,667 licensees. Real Estate outperforms in the singular occupation category, but health also has a strong presence in the State.

DEMAND FOR SERVICES OF REGULATED OCCUPATIONS AND PROFESSIONS IN NEVADA

Table 2 presents multiple factors that illustrate the demand for the listed regulated occupations and professions. “Board Name” refers to the name of the Title 54 Occupational Licensing Board that regulates the occupation. “Occupational License Name” refers to the license name for the regulated occupation or profession. These are the same occupations and professions that were presented in Table 1.

The Governor’s Office of Economic Development (GOED) assisted with generating the “SOC Code,” “Description,” “In-Demand Rankings,” “Average Annual Openings,” “Turnover Rate,” and “Location Quotient” columns in Table 2. “SOC Code” represents the Standard Occupational Classification code for each regulated occupation and profession. SOC codes are a federally standardized and are used to group workers into occupational categories, which provides data on the characteristics of each occupation.³ The regulated occupations and professions licensed may map to one or more SOC codes if the professions have similar job duties, skills, educations, or training requirements. Since most occupational licensing boards oversee very similar types of jobs, some occupations in Table 2 have the same SOC code. “Average Annual Openings” and “Turnover Rate” are provided by Lightcast, a labor market database that collects data from multiple avenues to provide a plethora of economic development data.⁴ “Location Quotient” is a ratio of a local area’s concentration of the workforce in a particular industry divided by the national concentration of the workforce in a particular industry.⁵ For instance, the first occupation in Table 2, Licensed Practical Nurse (Applicant), has a location quotient of 0.64 which means that this occupation makes up a smaller share of Nevada’s workforce than it does for the total national workforce. Note that some data were not available for every metric in Table 2.

“In-Demand Rankings” were developed by GOED using several inputs, including job postings, wages, employment projections, STEM scores, Automation index, and other factors. Please note that the in-demand rankings were developed using 2021 data. New projections were not available in time for publication of this report, but the data will be available in 2023. GOED’s in-demand ranking spans from 1-784, with the profession ranked as #1 (Software Developers,

Applications) being the most in-demand occupation. Table 2 only displays the in-demand ranking for regulated occupations and professions, which is why there are gaps in the rankings (since Software Developers are not a regulated occupation, they are not listed in Table 2, even though it is the most in-demand occupation). Out of the regulated occupations, Licensed Practical Nurse (Applicant) is the most in-demand, ranking at #7 out of the 784 occupations that were analyzed in GOED’s study. Table 2 is sorted by the “In-Demand Rankings” column.

Table 2

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Nursing	Licensed Practical Nurse Applicant	29-2061	7	460	51.8%	0.64
Nursing	Licensed Practical Nurse	29-2061	7	460	51.8%	0.64
Health Division and DHHS	Cytotechnologist	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Pathologist Assistant	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Histotechnologist	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Histologic Technician	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Specialty Technologist	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Specialty Technician	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Medical Technician	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Clinical Laboratory Technologist	29-2018	14	207	35.9%	0.62

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Health Division and DHHS	Laboratory Assistant	29-2018	14	207	35.9%	0.62
Health Division and DHHS	Office Laboratory Assistant	29-2018	14	207	35.9%	0.62
Nursing	Registered Nurse applicant	29-1141	15	2,274	28.2%	0.90
Nursing	Emergency Medical Services-RN	29-1141	15	2,274	28.2%	0.90
Nursing	Advanced Practice Registered Nurse	29-1141	15	2,274	28.2%	0.90
Nursing	Registered Nurse	29-1141	15	2,274	28.2%	0.90
Medical Examiners	Resident	29-1228	20	n/a	n/a	n/a
Medical Examiners	Medical Doctor	29-1228	20	n/a	n/a	n/a
Osteopathic Medicine	DO Special NRS 633.401c	29-1228	20	n/a	n/a	n/a
Osteopathic Medicine	Inactive Doctor of Osteopath and Physician Assistants	29-1228	20	n/a	n/a	n/a
Osteopathic Medicine	Special Licenses - Residents	29-1228	20	n/a	n/a	n/a
Osteopathic Medicine	Compact Licenses	29-1228	20	n/a	n/a	n/a
Osteopathic Medicine	Active Doctor of Osteopath	29-1228	20	n/a	n/a	n/a
Contactors	C33 - Installing Industrial Machinery	49-9041	21	337	42.4%	0.61
Architecture and Interior Design	Residential Designer	17-1011	26	73	16.9%	0.51

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Architecture and Interior Design	Architect	17-1011	26	73	16.9%	0.51
Health Division and DHHS	Pulmonary Laboratory Director	11-9111	29	565	38.0%	0.93
Health Division and DHHS	Registered Laboratory Director	11-9111	29	565	38.0%	0.93
Health Division and DHHS	Licensed Laboratory Director	11-9111	29	565	38.0%	0.93
Health Division and DHHS	General Supervisor	11-9111	29	565	38.0%	0.93
Long Term Care	Health Services Executive	11-9111	29	565	38.0%	0.93
Long Term Care	Nursing Facility Administrators	11-9111	29	565	38.0%	0.93
Long Term Care	Residential Care/Assisted Living Facility Administrators	11-9111	29	565	38.0%	0.93
Health Division and DHHS	Radiological Health Insp.	13-1041	33	322	36.4%	0.87
Contactors	A - General Engineering	17-2051	34	354	30.8%	0.99
Engineers and Land Surveyors	Professional Engineer	17-2051	34	354	30.8%	0.99
Mortgage Lending	Covered Service Provider (Foreclosure Specialist)	13-2098	40	n/a	n/a	n/a
Mortgage Lending	Covered Service Provider Associated Licensees	13-2098	40	n/a	n/a	n/a

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Mortgage Lending	Escrow Agencies	13-2098	40	n/a	n/a	n/a
Mortgage Lending	Escrow Agents	13-2098	40	n/a	n/a	n/a
Contactors	C39 - Installing Heaters	49-9021	46	365	57.5%	0.68
Contactors	C21 - Refrigeration and Air Conditioning	49-9021	46	365	57.5%	0.68
Health Division and DHHS	Mammographer	29-2034	47	176	34.4%	0.77
Health Division and DHHS	Radiology	29-2034	47	176	34.4%	0.77
Accountancy	Sole Practitioner (Out of State Only)	13-2011	50	1,155	46.4%	0.71
Accountancy	Corporation	13-2011	50	1,155	46.4%	0.71
Accountancy	Partnership	13-2011	50	1,155	46.4%	0.71
Accountancy	Limited Liability Company (LLC)	13-2011	50	1,155	46.4%	0.71
Accountancy	Certified Public Accountant	13-2011	50	1,155	46.4%	0.71
Medical Examiners	Physician Assistant	29-1071	51	93	30.0%	0.64
Osteopathic Medicine	Active Not-Working Physician Assistant	29-1071	51	93	30.0%	0.64
Osteopathic Medicine	Active Physician Assistant	29-1071	51	93	30.0%	0.64
Environmental Health Specialists	Environmental Health Specialist - Trainee	19-2041	52	101	39.2%	1.07

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Environmental Health Specialists	Registered Environmental Health Specialist	19-2041	52	101	39.2%	1.07
Pharmacy	Pharmacy	29-1051	58	153	25.2%	0.89
Pharmacy	Practitioner Dispensing	29-1051	58	153	25.2%	0.89
Pharmacy	Pharmacist	29-1051	58	153	25.2%	0.89
Pharmacy	Intern Pharmacist	29-1051	58	153	25.2%	0.89
Pharmacy	Controlled Substance	29-1051	58	153	25.2%	0.89
Contactors	AB - General Engineering and General Building	47-1011	60	894	73.3%	0.96
Contactors	C-7 Elevation and Conveyance	47-1011	60	894	73.3%	0.96
Contactors	C-9 Movement of Buildings	47-1011	60	894	73.3%	0.96
Alcohol Drug and Gambling	Clinical Alcohol and Drug Counselor	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Gambling Supervisor	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Certified Gambling Counselor	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Gambling Intern	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Licensed Alcohol and Drug Counselor	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Alcohol and Drug Counselor Supervisor	21-1018	66	223	48.2%	0.44

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Alcohol Drug and Gambling	Clinical Alcohol and Drug Counselor Intern	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Provisional Alcohol and Drug Counselor	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Certified Alcohol and Drug Counselor	21-1018	66	223	48.2%	0.44
Alcohol Drug and Gambling	Alcohol & Drug Intern	21-1018	66	223	48.2%	0.44
Marriage and Family Therapists and Clinical Professional Counselors	Clinical Professional Counselor Interns	21-1018	66	223	48.2%	0.44
Marriage and Family Therapists and Clinical Professional Counselors	Clinical Professional Counselors	21-1018	66	223	48.2%	0.44
Contactors	C-6 Erecting Signs	47-2111	69	1,022	69.1%	1.09
Contactors	C-2 Electrical	47-2111	69	1,022	69.1%	1.09
Contactors	C30 - Installing Equipment to Treat Water	47-2152	71	966	70.1%	1.48
Contactors	C38 - Installing Equipment Used with Liquefied Petroleum and Natural Gas	47-2152	71	966	70.1%	1.48
Contactors	C-1 Plumbing and Heating	47-2152	71	966	70.1%	1.48

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Dental Examiners and Dental Hygienists	Dentist	29-1021	75	98	14.0%	0.83
Contactors	E-1 Owner/Builder Not to Exceed Three Stories	11-9021	79	571	47.1%	1.13
Contactors	E-2 Owner/Builder Exceeding Three Stories	11-9021	79	571	47.1%	1.13
Contactors	B - General Building	11-9021	79	571	47.1%	1.13
Occupational Therapy	Occupational Therapist	29-1122	81	100	28.3%	0.74
Pharmacy	Wholesaler	11-2022	84	477	45.5%	0.93
Health Division and DHHS	Blood Gas Technician	19-4021	88	107	55.3%	0.79
Health Division and DHHS	Blood Gas Assistant	19-4021	88	107	55.3%	0.79
Health Division and DHHS	Blood Gas Technologist	19-4021	88	107	55.3%	0.79
Barbers, Health, and Sanitation	Barber School	25-2032	89	28	21.3%	0.26
Barbers, Health, and Sanitation	Instructor	25-2032	89	28	21.3%	0.26
Barbers, Health, and Sanitation	Temporary Exemption	25-2032	89	28	21.3%	0.26
Cosmetology	Student Instructor	25-2032	89	28	21.3%	0.26
Cosmetology	Limited License	25-2032	89	28	21.3%	0.26

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Cosmetology	Instructor	25-2032	89	28	21.3%	0.26
Cosmetology	Provisional Instructor	25-2032	89	28	21.3%	0.26
Speech Language Pathology	Speech-Language Pathologist	29-1127	99	101	23.8%	0.59
Homeopathic Medical Examiners	Homeopathic Assistant	31-1131	109	1,424	81.4%	0.70
Nursing	Certified Nursing Assistant Applicant	31-1131	109	1,424	81.4%	0.70
Nursing	Certified Nursing Assistant	31-1131	109	1,424	81.4%	0.70
Medical Examiners	Perfusionist	29-2031	123	30	27.5%	0.48
Private Investigator's	Certified Firearm Instructors	13-1151	125	317	55.1%	0.78
Medical Examiners	Practitioner Of Respiratory Care	29-1126	126	122	20.5%	1.09
Health Division and DHHS	Dietitian	29-1031	128	59	35.3%	0.76
Psychological Examiners	Psychology	19-3031	141	n/a	n/a	n/a
Athletic Trainer	Athletic Trainer	29-9091	149	24	28.9%	0.40
Nursing	Certified Registered Nurse Anesthetist	29-1151	152	20	20.5%	0.34
Social Workers	Licensed Clinical Social Worker (LCSW)	21-1022	171	210	52.6%	0.88
Cosmetology	Cosmetic Demonstrator	41-2031	178	6,655	88.9%	1.13

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Chiropractor Physicians	Chiropractor's Assistant	31-9092	187	1,357	65.5%	1.25
Health Division and DHHS	Point Of Care Analyst	31-9092	187	1,357	65.5%	1.25
Dental Examiners and Dental Hygienists	Dental Hygienists	29-1292	220	220	41.4%	1.09
Social Workers	Licensed Associate Social Worker (LASW)	21-1023	221	100	50.3%	0.67
Social Workers	Licensed Social Worker Provisional	21-1023	221	100	50.3%	0.67
Social Workers	Licensed Medical Social Worker Provisional	21-1023	221	100	50.3%	0.67
Social Workers	Licensed Master Social Worker (LMSW)	21-1023	221	100	50.3%	0.67
Pharmacy	PA Prescribe	29-2052	223	487	48.0%	1.13
Pharmacy	Technician Dispensing	29-2052	223	487	48.0%	1.13
Pharmacy	Technician Dispensing in Training	29-2052	223	487	48.0%	1.13
Pharmacy	APN Prescribe	29-2052	223	487	48.0%	1.13
Pharmacy	Pharmaceutical Technician	29-2052	223	487	48.0%	1.13
Pharmacy	Pharmaceutical Technician in Training	29-2052	223	487	48.0%	1.13
Engineers and Land Surveyors	Professional Land Surveyor	17-1022	225	78	37.8%	1.22

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Contactors	C13 - Using Sheet Metal	47-2211	228	139	68.6%	0.79
Homeopathic Medical Examiners	Advanced Practitioner of Homeopathy	29-1298	244	n/a	n/a	n/a
Homeopathic Medical Examiners	Homeopathic Medical Doctor	29-1298	244	n/a	n/a	n/a
Massage Therapy	Structural Integration Practitioner	29-1298	244	n/a	n/a	n/a
Oriental Medicine	Doctor Of Oriental Medicine	29-1298	244	n/a	n/a	n/a
Contactors	C10 - Landscape Contracting	37-1012	245	187	64.2%	0.97
Funeral	Cemetery	37-1012	245	187	64.2%	0.97
Landscape Architecture	Landscape Architect in Training	17-1012	248	19	19.1%	0.52
Landscape Architecture	Unlicensed Practice	17-1012	248	19	19.1%	0.52
Landscape Architecture	Registered Landscape Architect	17-1012	248	19	19.1%	0.52
Private Investigator's	Repossessor	43-3011	267	236	86.4%	0.77
Private Investigator's	Private Investigator	33-9021	283	35	52.8%	0.57
Private Investigator's	Corporate Licenses	33-9021	283	35	52.8%	0.57
Social Workers	Licensed Social Worker (LSW)	21-1021	291	420	43.0%	1.12
Optometry	Mobile Optometry Clinic Certificate	29-1041	293	48	16.2%	1.17

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Optometry	Certificate To Treat Glaucoma	29-1041	293	48	16.2%	1.17
Optometry	Optometric Pharmaceutical Agent Certificate (OPAC)	29-1041	293	48	16.2%	1.17
Optometry	License To Practice Optometry in Nevada	29-1041	293	48	16.2%	1.17
Architecture and Interior Design	Registered Interior Designer	27-1025	304	86	32.0%	0.72
Health Division and DHHS	Music Therapist	29-1129	315	41	24.7%	0.84
Pharmacy	Veterinary Dispensing	29-1131	323	64	19.7%	0.97
Veterinary Medical Examiners	Animal Chiropractor	29-1131	323	64	19.7%	0.97
Veterinary Medical Examiners	Animal Physical Therapist	29-1131	323	64	19.7%	0.97
Veterinary Medical Examiners	Diplomate	29-1131	323	64	19.7%	0.97
Veterinary Medical Examiners	Inactive Veterinarians & Diplomates	29-1131	323	64	19.7%	0.97
Veterinary Medical Examiners	Veterinary Facility	29-1131	323	64	19.7%	0.97

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Veterinary Medical Examiners	Veterinarian	29-1131	323	64	19.7%	0.97
Chiropractor Physicians	Doctor Of Chiropractic - Inactive	29-1011	330	47	9.7%	1.17
Chiropractor Physicians	Doctor Of Chiropractic - Active	29-1011	330	47	9.7%	1.17
Dispensing Opticians	Limited Ophthalmic Dispenser (Active/Inactive)	29-2081	334	77	48.3%	0.98
Dispensing Opticians	Ophthalmic Dispenser (Active/Inactive)	29-2081	334	77	48.3%	0.98
Dispensing Opticians	Apprentice Ophthalmic Dispenser	29-2081	334	77	48.3%	0.98
Speech Language Pathology	Hearing Aid Apprentice	29-2092	341	39	49.8%	2.49
Speech Language Pathology	Hearing Aid Specialist	29-2092	341	39	49.8%	2.49
Funeral	Apprentice Embalmer	39-4011	350	21	55.1%	2.76
Funeral	Embalmer	39-4011	350	21	55.1%	2.76
Contactors	C24 - Erecting Scaffolds and Bleachers	47-2031	356	1,591	79.6%	1.39
Contactors	C-3 Carpentry, Maintenance, And Minor Repairs	47-2031	356	1,591	79.6%	1.39

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Mortgage Lending	Mortgage Servicers	13-2072	371	319	32.3%	0.95
Mortgage Lending	Commercial Mortgage Company	13-2072	371	319	32.3%	0.95
Mortgage Lending	Other Exempt	13-2072	371	319	32.3%	0.95
Mortgage Lending	Wholesale Mortgage Company	13-2072	371	319	32.3%	0.95
Mortgage Lending	Supplemental Mortgage Servicers	13-2072	371	319	32.3%	0.95
Mortgage Lending	Mortgage Company	13-2072	371	319	32.3%	0.95
Mortgage Lending	Mortgage Loan Originators	13-2072	371	319	32.3%	0.95
Contactors	C41 - Fire Protection	17-2111	373	25	40.9%	0.95
Contactors	C14 - Steel Reinforcing and Erection	47-2221	396	185	106.6%	1.73
Contactors	C11 - Spraying Mixtures Containing Cement	47-2051	403	408	95.7%	1.76
Contactors	n/a	47-2051	403	408	95.7%	1.76
Contactors	C-5 Concrete Contracting	47-2051	403	408	95.7%	1.76
Massage Therapy	Reflexologist	31-9011	415	437	43.5%	1.81
Massage Therapy	Massage Therapist	31-9011	415	437	43.5%	1.81
Contactors	C26 - Institutional Contracting	49-9031	422	33	46.7%	0.60

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Cosmetology	Makeup Artist	39-5091	424	4	n/a	0.58
Marriage and Family Therapists and Clinical Professional Counselors	Marriage And Family Therapist Interns	21-1013	427	73	49.9%	0.62
Marriage and Family Therapists and Clinical Professional Counselors	Marriage And Family Therapists	21-1013	427	73	49.9%	0.62
Occupational Therapy	Occupational Therapy Assistant	31-2011	433	57	72.3%	0.63
Contactors	C23 - Drilling Wells & Installing Pumps, Pressure Tanks & Storage Tanks	47-5097	439	n/a	n/a	n/a
Real Estate	Real Estate Salesperson	41-9022	444	656	14.9%	1.28
Social Workers	Licensed Independent Social Worker (LISW)	21-1029	467	63	29.6%	0.70
Speech Language Pathology	Dispensing Audiologist	29-1181	473	10	27.2%	0.89
Speech Language Pathology	Audiologist	29-1181	473	10	27.2%	0.89
Podiatry	Limited Podiatry	29-1081	477	9	37.5%	0.54
Podiatry	Full Podiatry	29-1081	477	9	37.5%	0.54

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Podiatry	Podiatric Hygienist	29-1081	477	9	37.5%	0.54
Private Investigator's	Canine Handler	39-2011	481	56	23.0%	0.83
Contactors	C42 - Constructing, Altering, Or Improving Video Service Networks	49-9052	489	211	61.6%	1.36
Veterinary Medical Examiners	Euthanasia Technician	31-9096	504	267	137.3%	1.29
Veterinary Medical Examiners	Veterinary Technician	31-9096	504	267	137.3%	1.29
Veterinary Medical Examiners	Veterinary Technicians in Training	31-9096	504	267	137.3%	1.29
Real Estate	Appraiser - Residential	13-2021	507	n/a	n/a	n/a
Real Estate	Appraiser - Certified General	13-2021	507	n/a	n/a	n/a
Real Estate	Appraiser - Certified Residential	13-2021	507	n/a	n/a	n/a
Funeral	Funeral Establishment	11-9171	512	12	23.7%	0.58
Funeral	Funeral Director	11-9171	512	12	23.7%	0.58
Private Investigator's	Polygraph Examiner	19-4092	526	67	33.5%	2.22
Private Investigator's	Polygraph Examiner Intern	19-4092	526	67	33.5%	2.22
Contactors	C19 - Installing Terrazzo and Marble	47-2053	541	1	n/a	0.18

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Contactors	C37 - Solar Contracting	47-2231	545	47	90.1%	1.21
Funeral	Crematory	39-4021	554	22	44.6%	0.35
Funeral	Direct Cremation Facility	39-4021	554	22	44.6%	0.35
Contactors	C18 - Masonry	47-2021	556	102	82.7%	0.97
Real Estate	Real Estate Broker	41-9021	571	186	12.7%	1.25
Real Estate	Real Estate Broker Salesperson	41-9021	571	186	12.7%	1.25
Cosmetology	Aesthetician	39-5012	581	994	28.7%	1.05
Cosmetology	Salon	39-5012	581	994	28.7%	1.05
Cosmetology	Threading Salon	39-5012	581	994	28.7%	1.05
Cosmetology	Electrologist	39-5012	581	994	28.7%	1.05
Cosmetology	Apprenticeship	39-5012	581	994	28.7%	1.05
Cosmetology	Threader	39-5012	581	994	28.7%	1.05
Cosmetology	Hair Designer	39-5012	581	994	28.7%	1.05
Cosmetology	Hair Braider	39-5012	581	994	28.7%	1.05
Cosmetology	Owner	39-5012	581	994	28.7%	1.05
Cosmetology	Unlicensed	39-5012	581	994	28.7%	1.05
Cosmetology	Cosmetologist	39-5012	581	994	28.7%	1.05
Funeral	Funeral Arranger	39-4031	588	33	36.9%	0.75
Cosmetology	Nail Technologist	39-5092	604	310	40.2%	1.00
Contactors	C15 - Roofing and Siding	47-2181	614	232	89.6%	1.22
Contactors	C-4 Painting and Decorating	47-2141	636	640	73.1%	1.47
Contactors	C-8 Glass and Glazing	47-2121	641	95	102.0%	1.31

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Private Investigator's	Process Server	43-4031	648	169	28.4%	1.03
Court Reporters	Court Reporting Firm License	27-3092	663	26	29.3%	0.72
Court Reporters	Inactive Court Reporter Certificate	27-3092	663	26	29.3%	0.72
Court Reporters	Active Court Reporter Certificate	27-3092	663	26	29.3%	0.72
Contactors	C27 - Individual Sewerage	47-2151	677	106	86.5%	1.35
Contactors	C31 - Wrecking	47-4098	679	87	98.8%	1.78
Contactors	C36 - Installing Urethane	47-4098	679	87	98.8%	1.78
Contactors	C25 - Fencing and Equipping Playgrounds	47-4031	684	60	75.1%	1.28
Cosmetology	Esthetician	39-5094	686	204	63.3%	1.90
Contactors	C16 - Finishing Floors	47-2043	687	14	n/a	0.32
Contactors	C20 - Tiling	47-2044	691	189	78.4%	2.65
Barbers, Health, and Sanitation	Barber Shop	39-5011	706	101	28.8%	0.78
Barbers, Health, and Sanitation	Registered Barber	39-5011	706	101	28.8%	0.78
Barbers, Health, and Sanitation	Apprentice Barber	39-5011	706	101	28.8%	0.78

Board Name	Occupational License Name	SOC Code	In-Demand Ranking	Avg. Annual Openings	Turnover Rate	Location Quotient
Barbers, Health, and Sanitation	Student	39-5011	706	101	28.8%	0.78
Contactors	C28 - Fabricating Tanks	51-9195	713	72	53.5%	0.74
Contactors	C17 - Lathing and Plastering	47-2161	720	133	88.7%	3.04
Contactors	n/a	47-2161	720	133	88.7%	3.04
Contactors	n/a	47-2022	724	70	106.0%	4.31
Cosmetology	Shampoo Technologist	39-5093	746	13	n/a	0.55

Analysis

The data in Table 2 reveal information on the demand for Nevada's regulated occupations and professions. Overall, healthcare is the most in-demand sector. Licensed Practical Nurses (and Applicants) fall within the top 10 in-demand occupations. 23 regulated occupations and professions that rank within the overall top 20 most in-demand occupations list are healthcare-related occupations (some occupations in Table 2 have the same SOC code due to similarities of the job). There are many job openings for occupations within the Nursing, Health, and Pharmacy boards, which signifies that these jobs are available and in short supply within the State.

Comparatively, the occupations that have the most licenses which were identified in Table 1 are not in significant demand. For example, Real Estate Salesperson had the highest number of total licenses within the State but are 444th for the in-demand ranking. They also have a high location quotient of 1.28 meaning that Nevada has more than the national average. Instructors for cosmetology rank within the top 100 in-demand occupations, but Cosmetologists, which had the second greatest number of total licenses, ranks 581st for the in-demand ranking. Together, Table 1 and Table 2 illustrate that the current inventory of regulated occupations and professions does not necessarily meet the State's future demands in the healthcare sector.

FACTORS RELATED TO SERVICES FROM PERSONS ENGAGED IN REGULATED OCCUPATIONS OR PROFESSIONS THAT ADVERSELY AFFECT PUBLIC HEALTH OR SAFETY

The final requirement of this report pertains to regulated occupations or professions that adversely affect public health or safety. However, quantifying the negative externalities of the list of regulated occupations and professions in Nevada has yet to be done. This data would ideally be identified and reported by each Title 54 board. Yet that data does not currently exist. It is extremely difficult to find any data on public safety, especially on a state or local level. As a potential solution to fulfill the report requirements, Table 3 presents data on the potential danger of a job to the individual worker. Consequently, this data does not address public health and safety of the greater good as stated in the N.R.S. but does offer insight into the possible dangers of Nevada’s regulated occupations and professions.

Table 3 presents the “Exposed to Hazardous Conditions” dataset from the Occupational Information Network (O*NET), which is sponsored by the United States Department of Labor/Employment and Training Administration.⁶ “Context Score” refers to how often the job requires exposure to hazardous conditions. Context scores fall into the following categories: 100-76, every day; 75-51, once a week or more but not every day; 50-26, once a month or more but not every week; 25-1, once a year or more but not every month; 0, never.⁷ “Job Zone” classifications describe how much skills or preparation is needed for the regulated occupation or profession. This measure takes three criteria into consideration when determining a job zone score: education, job training, and related experience. Job zone classifications fall into the following categories: 5, extensive preparation needed; 4, considerable preparation needed; 3, medium preparation needed; 2, some preparation needed; 1, little or no preparation needed.⁸ Job zone scores link the danger of a job to the requirements needed for a job. Table 3 shows both context scores and job zone classifications for each of Nevada’s regulated occupations and professions. Note that data were not available for each regulated occupation, only those that had data from O*NET are provided in Table 3.

Table 3

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Contactors	C-6 Erecting Signs	47-2111	90	3
Contactors	C-2 Electrical	47-2111	90	3
Funeral	Apprentice Embalmer	39-4011	82	3
Funeral	Embalmer	39-4011	82	3
Contactors	C15 - Roofing and Siding	47-2181	71	2
Private Investigator's	Polygraph Examiner	19-4092	70	4
Private Investigator's	Polygraph Examiner Intern	19-4092	70	4
Contactors	C42 - Constructing, Altering, Or Improving Video Service Networks	49-9052	67	2
Funeral	Funeral Arranger	39-4031	67	3
Contactors	C39 - Installing Heaters	49-9021	65	3
Contactors	C21 - Refrigeration and Air Conditioning	49-9021	65	3
Contactors	C14 - Steel Reinforcing and Erection	47-2221	61	2
Contactors	C18 - Masonry	47-2021	60	2
Contactors	C33 - Installing Industrial Machinery	49-9041	59	3
Contactors	C37 - Solar Contracting	47-2231	59	2
Contactors	C30 - Installing Equipment to Treat Water	47-2152	54	3
Contactors	C38 - Installing Equipment Used with Liquefied Petroleum and Natural Gas	47-2152	54	3
Contactors	C-1 Plumbing and Heating	47-2152	54	3
Pharmacy	Veterinary Dispensing	29-1131	54	5
Veterinary Medical Examiners	Animal Chiropractor	29-1131	54	5
Veterinary Medical Examiners	Animal Physical Therapist	29-1131	54	5
Veterinary Medical Examiners	Diplomate	29-1131	54	5

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Veterinary Medical Examiners	Inactive Veterinarians & Diplomates	29-1131	54	5
Veterinary Medical Examiners	Veterinary Facility	29-1131	54	5
Veterinary Medical Examiners	Veterinarian	29-1131	54	5
Contactors	C19 - Installing Terrazzo and Marble	47-2053	54	2
Contactors	C16 - Finishing Floors	47-2043	54	1
Medical Examiners	Physician Assistant	29-1071	53	5
Osteopathic Medicine	Active Not-Working Physician Assistant	29-1071	53	5
Osteopathic Medicine	Active Physician Assistant	29-1071	53	5
Contactors	C26 - Institutional Contracting	49-9031	52	2
Contactors	AB - General Engineering and General Building	47-1011	51	3
Contactors	C-7 Elevation and Conveyance	47-1011	51	3
Contactors	C-9 Movement of Buildings	47-1011	51	3
Contactors	C27 - Individual Sewerage	47-2151	51	2
Veterinary Medical Examiners	Euthanasia Technician	31-9096	50	2
Veterinary Medical Examiners	Veterinary Technician	31-9096	50	2
Veterinary Medical Examiners	Veterinary Technicians in Training	31-9096	50	2
Contactors	C-8 Glass and Glazing	47-2121	48	2
Contactors	C10 - Landscape Contracting	37-1012	47	3
Funeral	Cemetery	37-1012	47	3
Contactors	C28 - Fabricating Tanks	51-9195	46	2

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Health Division and DHHS	Blood Gas Technician	19-4021	45	4
Health Division and DHHS	Blood Gas Assistant	19-4021	45	4
Health Division and DHHS	Blood Gas Technologist	19-4021	45	4
Medical Examiners	Practitioner Of Respiratory Care	29-1126	45	3
Nursing	Certified Registered Nurse Anesthetist	29-1151	43	5
Contactors	C24 - Erecting Scaffolds and Bleachers	47-2031	42	2
Contactors	C-3 Carpentry, Maintenance, And Minor Repairs	47-2031	42	2
Contactors	C41 - Fire Protection	17-2111	42	4
Contactors	C-4 Painting and Decorating	47-2141	42	2
Nursing	Registered Nurse Applicant	29-1141	39	4
Nursing	Emergency Medical Services-RN	29-1141	39	4
Nursing	Advanced Practice Registered Nurse	29-1141	39	4
Nursing	Registered Nurse	29-1141	39	4
Dental Examiners and Dental Hygienists	Dentist	29-1021	39	5
Funeral	Crematory	39-4021	36	2
Funeral	Direct Cremation Facility	39-4021	36	2
Health Division and DHHS	Mammographer	29-2034	34	3
Health Division and DHHS	Radiology	29-2034	34	3
Cosmetology	Aesthetician	39-5012	32	3
Cosmetology	Salon	39-5012	32	3
Cosmetology	Threading Salon	39-5012	32	3
Cosmetology	Electrologist	39-5012	32	3
Cosmetology	Apprenticeship	39-5012	32	3

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Cosmetology	Threader	39-5012	32	3
Cosmetology	Hair Designer	39-5012	32	3
Cosmetology	Hair Braider	39-5012	32	3
Cosmetology	Owner	39-5012	32	3
Cosmetology	Unlicensed	39-5012	32	3
Cosmetology	Cosmetologist	39-5012	32	3
Contactors	E-1 Owner/Builder Not to Exceed Three Stories	11-9021	30	4
Contactors	E-2 Owner/Builder Exceeding Three Stories	11-9021	30	4
Contactors	B - General Building	11-9021	30	4
Podiatry	Limited Podiatry	29-1081	29	5
Podiatry	Full Podiatry	29-1081	29	5
Podiatry	Podiatric Hygienist	29-1081	29	5
Funeral	Funeral Establishment	11-9171	29	3
Funeral	Funeral Director	11-9171	29	3
Cosmetology	Esthetician	39-5094	29	3
Health Division and DHHS	Radiological Health Insp.	13-1041	28	4
Dental Examiners and Dental Hygienists	Dental Hygienists	29-1292	28	3
Contactors	C17 - Lathing and Plastering	47-2161	28	1
Contactors	n/a	47-2161	28	1
Barbers, Health, and Sanitation	Barber School	25-2032	27	4
Barbers, Health, and Sanitation	Instructor	25-2032	27	4
Barbers, Health, and Sanitation	Temporary Exemption	25-2032	27	4
Cosmetology	Student Instructor	25-2032	27	4
Cosmetology	Limited License	25-2032	27	4
Cosmetology	Instructor	25-2032	27	4
Cosmetology	Provisional Instructor	25-2032	27	4

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Chiropractor Physicians	Chiropractor's Assistant	31-9092	27	3
Health Division and DHHS	Point Of Care Analyst	31-9092	27	3
Contactors	C20 - Tiling	47-2044	27	2
Environmental Health Specialists	Environmental Health Specialist - Trainee	19-2041	26	4
Environmental Health Specialists	Registered Environmental Health Specialist	19-2041	26	4
Contactors	C13 - Using Sheet Metal	47-2211	25	2
Contactors	C25 - Fencing and Equipping Playgrounds	47-4031	25	2
Contactors	C11 - Spraying Mixtures Containing Cement	47-2051	24	1
Contactors	n/a	47-2051	24	1
Contactors	C-5 Concrete Contracting	47-2051	24	1
Engineers and Land Surveyors	Professional Land Surveyor	17-1022	23	4
Pharmacy	PA Prescribe	29-2052	21	3
Pharmacy	Technician Dispensing	29-2052	21	3
Pharmacy	Technician Dispensing in Training	29-2052	21	3
Pharmacy	APN Prescribe	29-2052	21	3
Pharmacy	Pharmaceutical Technician	29-2052	21	3
Pharmacy	Pharmaceutical Technician in Training	29-2052	21	3
Cosmetology	Nail Technologist	39-5092	21	2
Contactors	A - General Engineering	17-2051	18	4
Engineers and Land Surveyors	Professional Engineer	17-2051	18	4
Contactors	n/a	47-2022	18	3
Nursing	Licensed Practical Nurse Applicant	29-2061	17	3
Nursing	Licensed Practical Nurse	29-2061	17	3
Pharmacy	Pharmacy	29-1051	17	5
Pharmacy	Practitioner Dispensing	29-1051	17	5

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Pharmacy	Pharmacist	29-1051	17	5
Pharmacy	Intern Pharmacist	29-1051	17	5
Pharmacy	Controlled Substance	29-1051	17	5
Medical Examiners	Perfusionist	29-2031	16	3
Private Investigator's	Canine Handler	39-2011	13	2
Homeopathic Medical Examiners	Homeopathic Assistant	31-1131	11	3
Nursing	Certified Nursing Assistant Applicant	31-1131	11	3
Nursing	Certified Nursing Assistant	31-1131	11	3
Cosmetology	Shampoo Technologist	39-5093	11	2
Health Division and DHHS	Pulmonary Laboratory Director	11-9111	10	4
Health Division and DHHS	Registered Laboratory Director	11-9111	10	4
Health Division and DHHS	Licensed Laboratory Director	11-9111	10	4
Health Division and DHHS	General Supervisor	11-9111	10	4
Long Term Care	Health Services Executive	11-9111	10	4
Long Term Care	Nursing Facility Administrators	11-9111	10	4
Long Term Care	Residential Care/Assisted Living Facility Administrators	11-9111	10	4
Occupational Therapy	Occupational Therapy Assistant	31-2011	10	3
Architecture and Interior Design	Residential Designer	17-1011	9	5
Architecture and Interior Design	Architect	17-1011	9	5
Athletic Trainer	Athletic Trainer	29-9091	9	5
Chiropractor Physicians	Doctor Of Chiropractic - Inactive	29-1011	9	5
Chiropractor Physicians	Doctor Of Chiropractic - Active	29-1011	9	5

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Cosmetology	Makeup Artist	39-5091	9	3
Dispensing Opticians	Limited Ophthalmic Dispenser (Active/Inactive)	29-2081	8	3
Dispensing Opticians	Ophthalmic Dispenser (Active/Inactive)	29-2081	8	3
Dispensing Opticians	Apprentice Ophthalmic Dispenser	29-2081	8	3
Pharmacy	Wholesaler	11-2022	7	4
Private Investigator's	Certified Firearm Instructors	13-1151	7	4
Health Division and DHHS	Dietitian	29-1031	7	5
Private Investigator's	Private Investigator	33-9021	7	3
Private Investigator's	Corporate Licenses	33-9021	7	3
Real Estate	Real Estate Broker	41-9021	7	4
Real Estate	Real Estate Broker Salesperson	41-9021	7	4
Cosmetology	Cosmetic Demonstrator	41-2031	6	2
Health Division and DHHS	Music Therapist	29-1129	6	5
Social Workers	Licensed Clinical Social Worker	21-1022	5	5
Real Estate	Real Estate Salesperson	41-9022	4	3
Speech Language Pathology	Speech-Language Pathologist	29-1127	3	5
Optometry	Mobile Optometry Clinic Certificate	29-1041	3	5
Optometry	Certificate To Treat Glaucoma	29-1041	3	5
Optometry	Optometric Pharmaceutical Agent Certificate (OPAC)	29-1041	3	5
Optometry	License To Practice Optometry in Nevada	29-1041	3	5
Accountancy	Sole Practitioner (Out of State Only)	13-2011	2	4
Accountancy	Corporation	13-2011	2	4
Accountancy	Partnership	13-2011	2	4

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Accountancy	Certified Public Accountant	13-2011	2	4
Landscape Architecture	Landscape Architect in Training	17-1012	2	4
Landscape Architecture	Unlicensed Practice	17-1012	2	4
Landscape Architecture	Registered Landscape Architect	17-1012	2	4
Social Workers	Licensed Social Worker (LSW)	21-1021	2	4
Architecture and Interior Design	Registered Interior Designer	27-1025	1	4
Massage Therapy	Reflexologist	31-9011	1	3
Massage Therapy	Massage Therapist	31-9011	1	3
Private Investigator's	Process Server	43-4031	1	2
Court Reporters	Court Reporting Firm License	27-3092	1	3
Court Reporters	Inactive Court Reporter Certificate	27-3092	1	3
Court Reporters	Active Court Reporter Certificate	27-3092	1	3
Occupational Therapy	Occupational Therapist	29-1122	0	5
Social Workers	Licensed Associate Social Worker (LASW)	21-1023	0	5
Social Workers	Licensed Social Worker Provisional	21-1023	0	5
Social Workers	Licensed Associate Master Worker Provisional	21-1023	0	5
Social Workers	Licensed Master Social Worker (LMSW)	21-1023	0	5
Private Investigator's	Repossessor	43-3011	0	2
Speech Language Pathology	Hearing Aid Apprentice	29-2092	0	3
Speech Language Pathology	Hearing Aid Specialist	29-2092	0	3

Board Name	Occupational License Name	SOC Code	Context Score	Job Zone Classification
Mortgage Lending	Mortgage Servicers	13-2072	0	4
Mortgage Lending	Commercial Mortgage Company	13-2072	0	4
Mortgage Lending	Other Exempt	13-2072	0	4
Mortgage Lending	Wholesale Mortgage Company	13-2072	0	4
Mortgage Lending	Supplemental Mortgage Servicers	13-2072	0	4
Mortgage Lending	Mortgage Company	13-2072	0	4
Mortgage Lending	Mortgage Loan Originators	13-2072	0	4
Marriage and Family Therapists and Clinical Professional Counselors	Marriage And Family Therapist Interns	21-1013	0	5
Marriage and Family Therapists and Clinical Professional Counselors	Marriage And Family Therapists	21-1013	0	5
Speech Language Pathology	Dispensing Audiologist	29-1181	0	5
Speech Language Pathology	Audiologist	29-1181	0	5
Barbers, Health, and Sanitation	Barber Shop	39-5011	0	3
Barbers, Health, and Sanitation	Registered Barber	39-5011	0	3
Barbers, Health, and Sanitation	Apprentice Barber	39-5011	0	3
Barbers, Health, and Sanitation	Student	39-5011	0	3

Analysis

The data in Table 3 present the potential danger to employees within Nevada's regulated occupations and professions. According to the O*NET classification, four regulated occupations are exposed to hazardous conditions everyday: C-6 Erecting Signs, C-2 Electrical, Apprentice Embalmer, and Embalmer. 31 occupations are exposed to hazardous conditions once a week or more but not every day. 61 occupations are exposed to hazardous conditions once a month or more but not every week. 78 occupations are exposed to hazardous conditions once a year or more but not every month. 23 occupations are never exposed to hazardous conditions.

By far, the Contractors board has the greatest number of dangerous occupations and professions. The Contractors board has 40 occupations on the list, with 13 of those occupations in the top 25 list of the most dangerous regulated occupations. The Cosmetology board has the second greatest number of dangerous occupations with 20 on the list with a context score other than 0, followed by the Health board and Pharmacy board tied at 13 occupations on the list with a context score other than 0. The data reveal the importance of regulating dangerous occupations to ensure that Nevadans are protected while on the job.

RECOMMENDATIONS

Occupational licensing plays an important role in delivery of goods and services in the State of Nevada. From supply and demand of a ready workforce for in-demand occupations and industry sectors to increasing labor force participation rate across the State, Nevada relies on occupational licensing to respond to these needs. The Governor's Office of Workforce Innovation works to align and bring intentionality to workforce development efforts across the State to build a stronger and more resilient workforce development system. Below are recommendations to strengthen Nevada's occupational licensing to better aligning it with the State's workforce and economic development objectives that include focus on knowledge and data, the immigrant community, and streamlining processes.

We recommend the following policy recommendations for consideration, along with recommendations for future reports:

Knowledge and Data

GOWINN is committed to utilizing data-driven evidence-based policy solutions to make recommendations that will move Nevada forward. The Nevada P-20 to Workforce Research Data System (NPWR) is a powerful research tool that is helping to provide data-driven policy solutions to build Nevada's future. NPWR equips researchers and policymakers across the State with the ability to utilize and analyze data to measure performance metrics and outcomes in policy spaces such as education, workforce development, economic diversification, and so much more in a safe and secure environment. By fostering data-driven decision-making, NPWR provides insight into the trends and forces that are shaping top policy issues in Nevada such as diversifying Nevada's workforce, increasing the talent pipeline, and improving educational outcomes for Nevada's students. Data-sharing partners for NPWR include: the Nevada Department of Education; System of Higher Education; Department of Health and Human Services; Department of Employment, Training, and Rehabilitation; Veteran Services; and Department of Corrections.

The data compiled for this report is minimal due to the lack of data collected and made publicly available pertaining to occupational licensing. Collecting more detailed data and providing that for public consumption increases transparency and accountability of workforce

performance metrics. It is recommended that greater data collection be considered as well as sharing such data with the NPWR system.

Immigrant Community

The Office for New Americans has reported that many of their constituents, skilled immigrants who are transitioning and working to integrate into the Nevada community, bring with them skill sets and professional experience that our State's economy and businesses can benefit from. One barrier that skilled immigrants face is that there is little to no guidance on how they can transfer their internationally acquired credentials and skills here in Nevada. While there are some licensing boards that have been proactive at setting up a process for skilled immigrants to obtain professional licenses, most do not. The lack of standardization of credential validity, the cost of getting re-certified, and the possibility of language barriers leads to Nevada losing out on skilled immigrants' talents and abilities to supply in-demand occupations.

Healthcare, specifically physicians, and information technology are great examples of industry sectors that ought to be reviewed to make sure the people who are interested in going into these fields and have the professional knowledge and skillset are able to.

Streamlining Processes

There are many conversations occurring in the occupational licensing space. Occupational licensing boards play an imperative role in processing license applications and monitoring those who already have a license. However, the responsibility of overseeing thousands of Nevadans results in boards being unresponsive, creating a backlog for approving license applications, and improper regulation over the business sector.

Two recommendations for streamlining occupations are to create a regulatory agency department within the Executive Branch of the State government and to have the State ease reciprocal licensing from other states. First, establishing a regulatory agency department housed under Business and Industry would allow for the reform of professional, technical, and occupational licensing and instill more oversight on the occupational licensing boards. Second, allowing reciprocity for licensees licensed in other jurisdictions would dismantle territorial silos, thereby simplifying government and bringing costs down. Ultimately, there would be greater efficiencies, less bureaucracy, reduced burden on employers, and increased

small business development. The State should consider a one-time audit/commissioned study as to all licensing/permitting requirements at all levels of business.

Future Report Recommendations

The data and analysis provided in this report are only as helpful as the information that is available and the legislative requirements that govern it. Obtaining the number of cumulative licenses for each board was difficult to acquire and requesting such data can be a cumbersome process. This report recommends that licensing data be available to the public for improved transparency and accountability. Additionally, certain licensing boards do not report their data quarterly, despite the requirement to do so. Without the cumulative data collected and provided for this report, the effectiveness and usefulness of this report is limited.

The N.R.S. requirement that this report provide “any other factors relating to the types of services provided by persons within this State who are engaged in an occupation or profession that is regulated by a regulatory body that adversely affect public health or safety” is challenging to answer due to the ambiguity of the statutory language as well as lack of public health and safety data in relation to the regulated occupations and professions. GOWINN attempted to fulfill this requirement by requesting information and seeking advice from experts in State public health and government. The feedback GOWINN received was to have N.R.S. define “any other factors” in the statutory language with criteria to determine whether public health or safety has been adversely affected.

ABOUT GOWINN & ACKNOWLEDGEMENTS

About GOWINN

The Governor's Office of Workforce Innovation (GOWINN) is building a Nevada that works for everyone. The GOWINN team is focused on strengthening Nevada's workforce development system through creating a skilled, diverse, and aligned workforce in the State of Nevada by promoting cooperation and collaboration among public and private sector partnerships.

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