

# *Diversification and Structural Changes in Nevada's Growing Economy*

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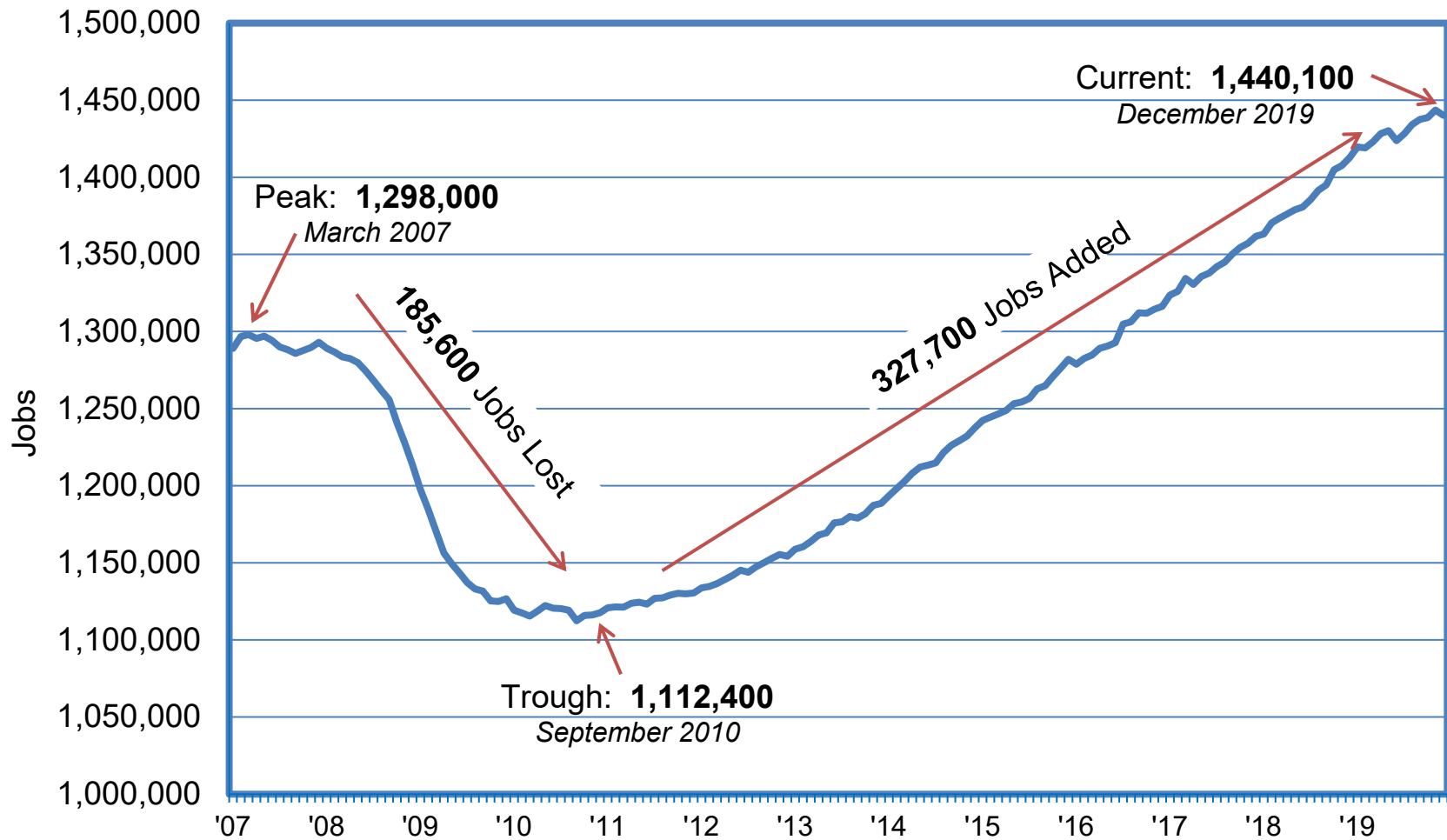


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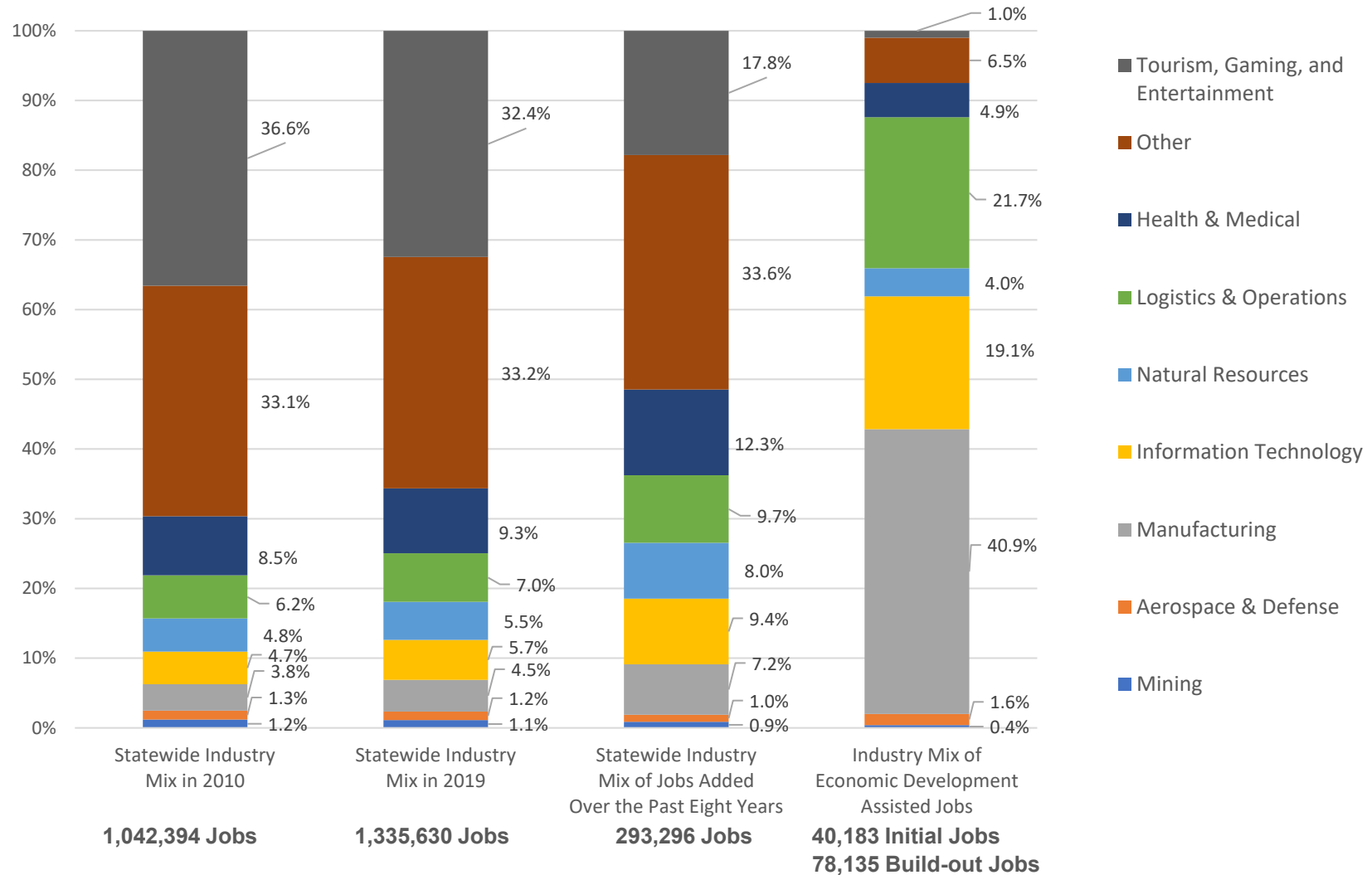
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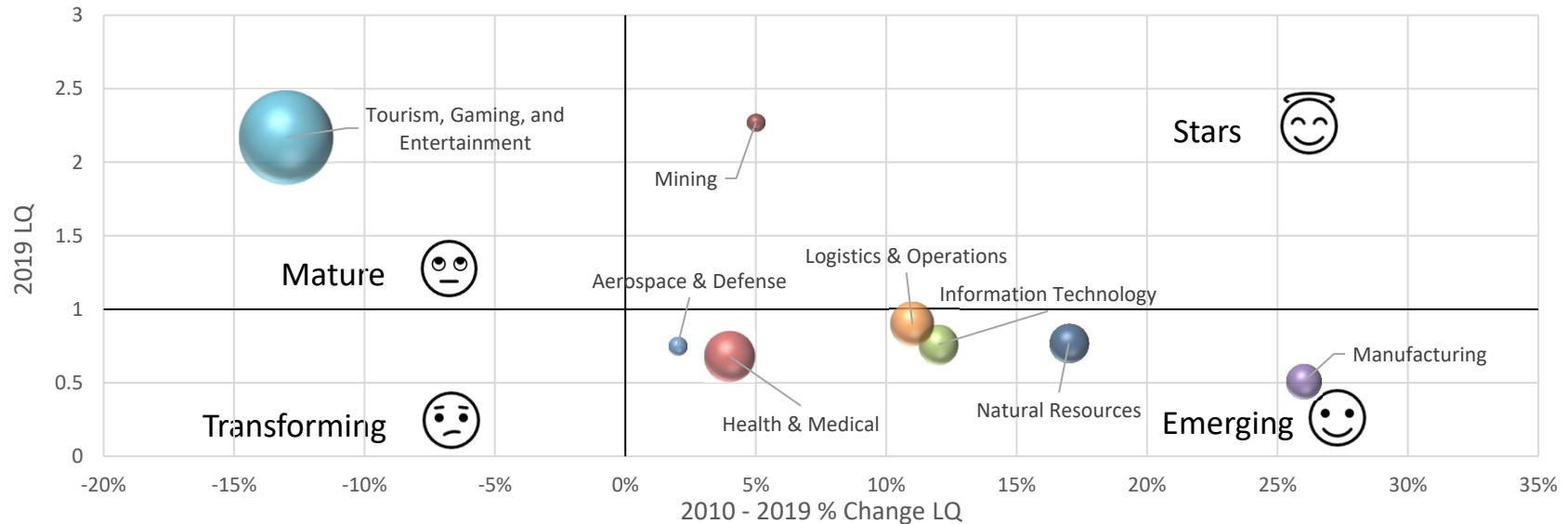
# Nevada Job Trends



# Nevada's Diversifying Economy



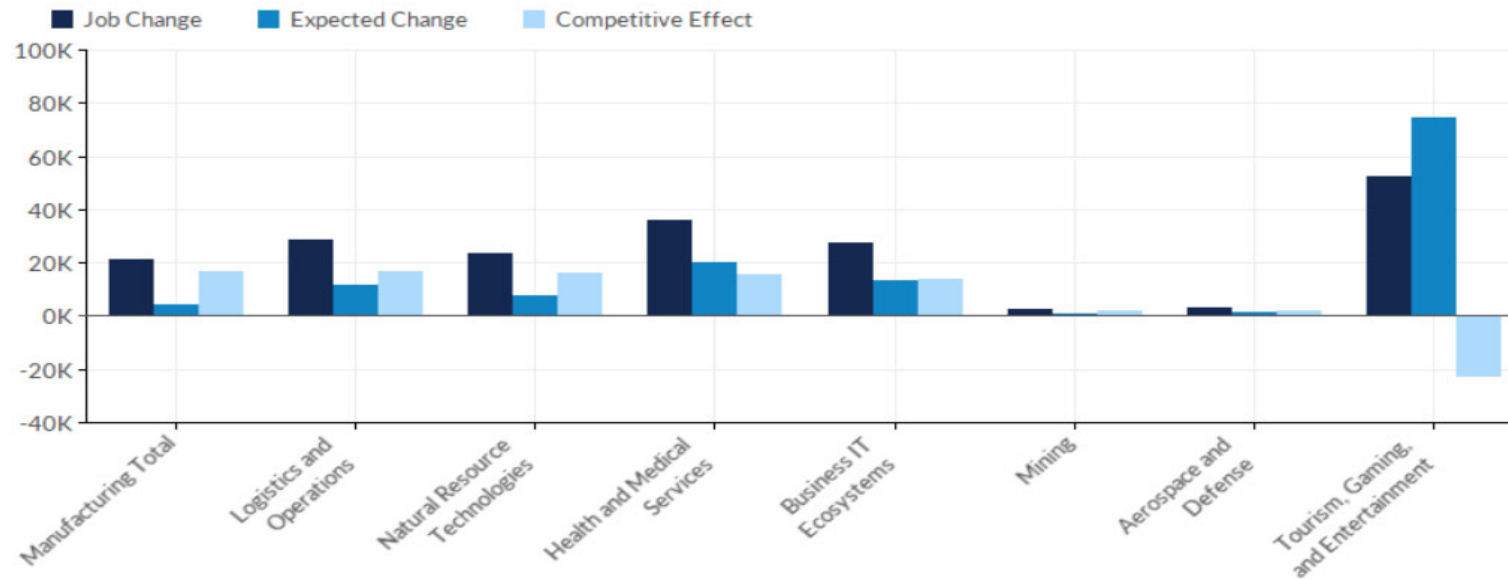
# Nevada's Diversifying Economy



Bubble size represents 2019 jobs in each sector

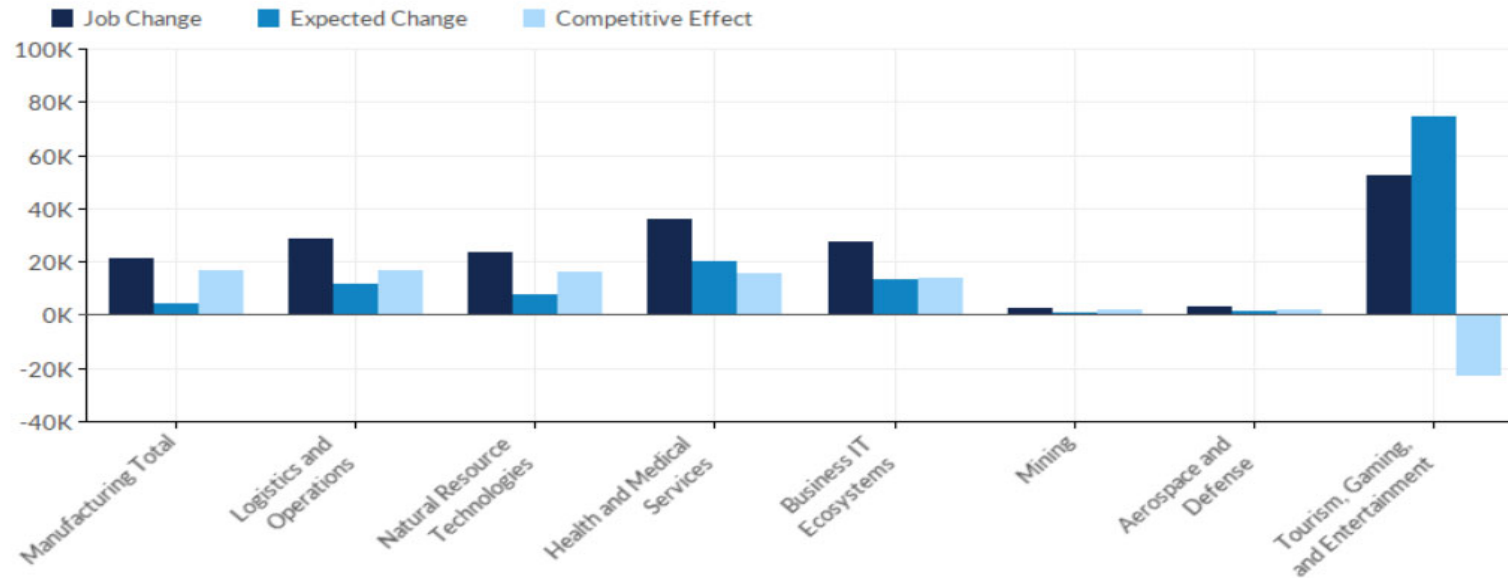
Sector	2019 Jobs	2010 LQ	2019 LQ	Percent Change LQ
Manufacturing	60,749	0.4	0.51	26%
Natural Resources	73,152	0.66	0.77	17%
Information Technology	76,497	0.68	0.76	12%
Logistics & Operations	92,930	0.81	0.9	11%
Mining	14,875	2.16	2.27	5%
Health & Medical	124,353	0.65	0.68	4%
Aerospace & Defense	16,250	0.73	0.75	2%
Tourism, Gaming, and Entertainment	433,405	2.51	2.17	-13%

# Nevada's Diversifying Economy



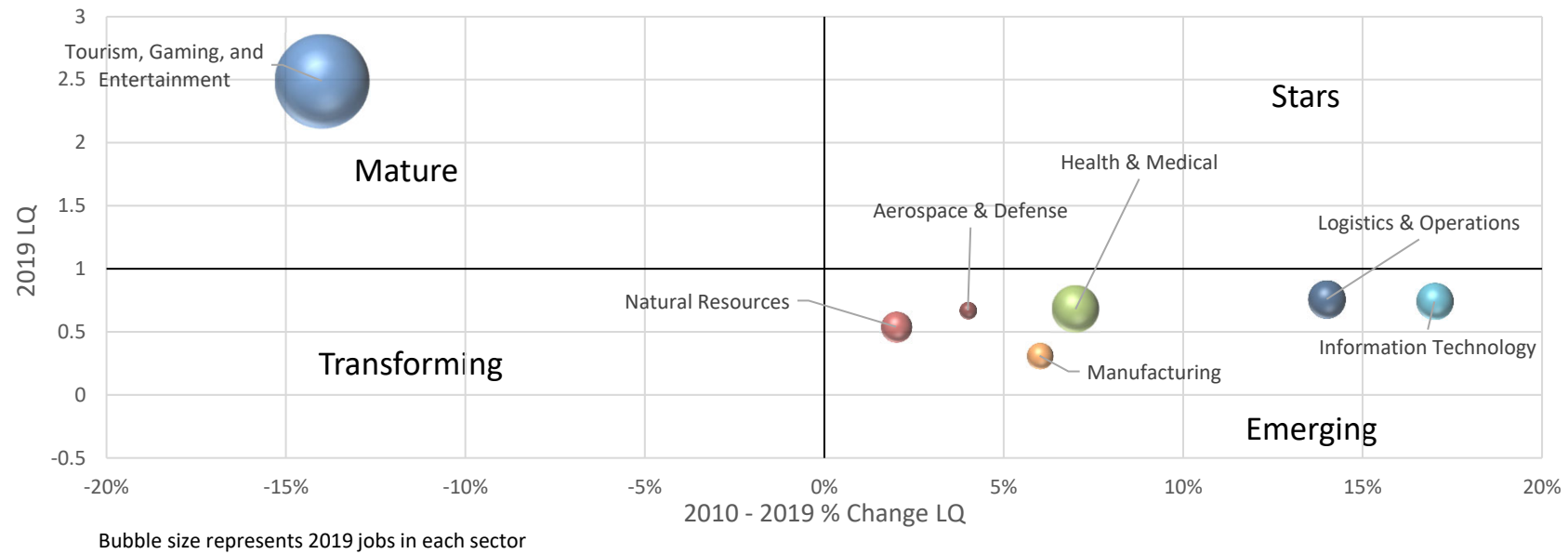
Sector	Job Change 2010 - 2019	Expected Growth Explained by National Growth and National Industry Growth	Nevada's Competitive Effect Over the Last Nine Years
Logistics and Operations	21,220	4,291	16,929
Manufacturing	28,419	11,568	16,851
Health and Medical Services	23,468	7,492	15,976
Natural Resource Technologies	36,057	20,257	15,800
Information Technology	27,634	13,554	14,080
Mining	2,543	571	1,972
Aerospace and Defense	2,976	1,264	1,712
Tourism, Gaming, and Entertainment	52,253	74,642	(22,389)

# Nevada's Diversifying Economy



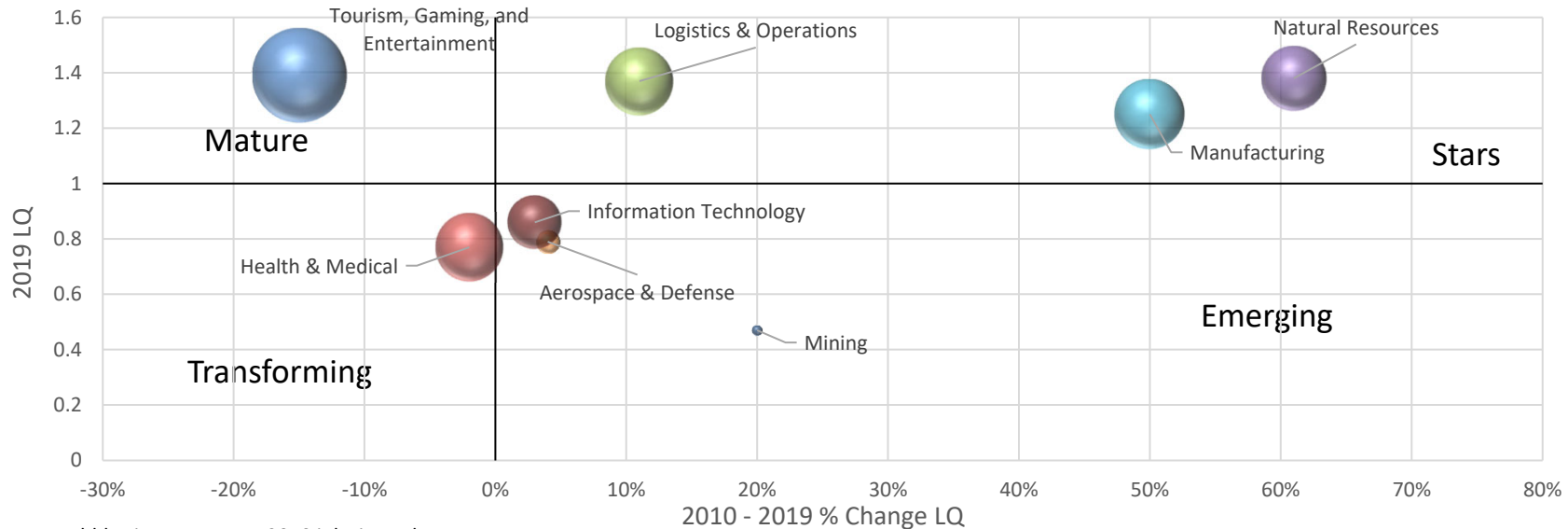
Sector	Job Change 2010 - 2019	Expected Growth Explained by National Growth and National Industry Growth	Nevada's Competitive Effect Over the Last Nine Years	Earnings Per Worker
Logistics and Operations	21,220	4,291	16,929	\$72,160
Manufacturing	28,419	11,568	16,851	\$75,361
Health and Medical Services	23,468	7,492	15,976	\$70,208
Natural Resource Technologies	36,057	20,257	15,800	\$81,034
Information Technology	27,634	13,554	14,080	\$61,710
Mining	2,543	571	1,972	\$118,371
Aerospace and Defense	2,976	1,264	1,712	\$105,833
Tourism, Gaming, and Entertainment	52,253	74,642	(22,389)	\$39,411

# Southern Nevada's Diversifying Economy



Sector	2019 Jobs	2010 LQ	2019 LQ	Percent Change LQ
Mining	515	0.07	0.11	51%
Information Technology	54,400	0.64	0.74	17%
Logistics & Operations	57,771	0.67	0.76	14%
Health & Medical	90,023	0.63	0.68	7%
Manufacturing	26,707	0.29	0.31	6%
Aerospace & Defense	10,568	0.64	0.67	4%
Natural Resources	37,222	0.52	0.54	2%
Tourism, Gaming, and Entertainment	361,006	2.88	2.49	-14%

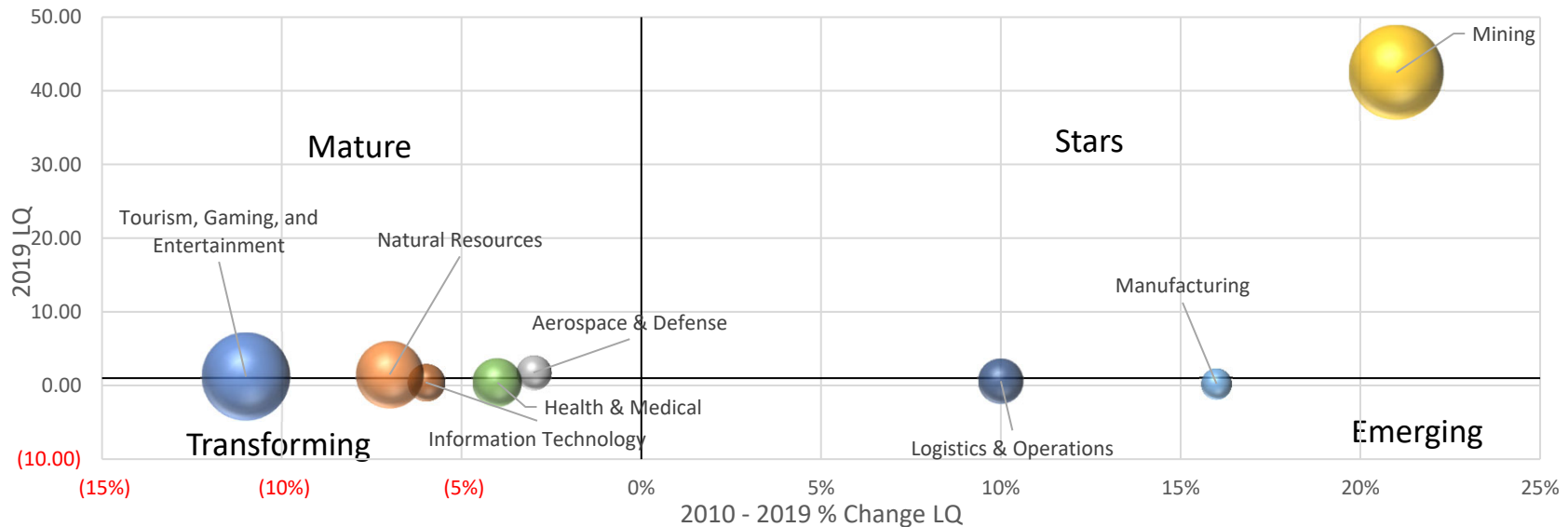
# Northern Nevada's Diversifying Economy



Sector	2019 Jobs	2010 LQ	2019 LQ	Percent Change LQ
Natural Resources	28,673	0.86	1.38	61%
Manufacturing	32,649	0.83	1.25	50%
Mining	677	0.39	0.47	20%
Logistics & Operations	30,933	1.24	1.37	11%
Aerospace & Defense	3,750	0.76	0.79	4%
Information Technology	18,878	0.84	0.86	3%
Health & Medical	30,648	0.79	0.77	-2%
Tourism, Gaming, and Entertainment	60,242	1.64	1.39	-15%



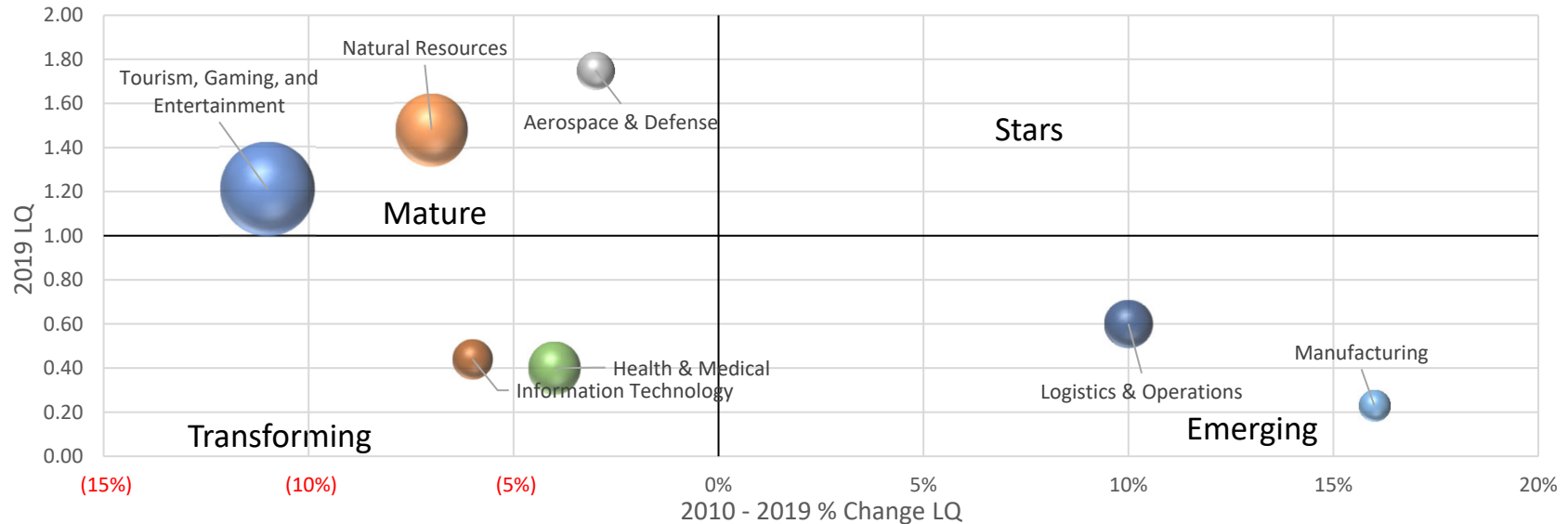
# Balance of State – a Diversifying Economy?



Bubble size represents 2019 jobs in each sector

Sector	2019 Jobs	2010 LQ	2019 LQ	Percent Change LQ
Mining	13,684	35.04	42.49	21%
Manufacturing	1,374	0.20	0.23	16%
Logistics & Operations	3,040	0.54	0.60	10%
Aerospace & Defense	1,874	1.80	1.75	(3%)
Health & Medical	3,643	0.42	0.40	(4%)
Information Technology	2,158	0.47	0.44	(6%)
Natural Resources	6,953	1.59	1.48	(7%)
Tourism, Gaming, and Entertainment	11,847	1.36	1.21	(11%)

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# *In-Demand Occupation Analysis*

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# ***Strategic Location Drivers***

1. Workforce Skills
2. Transportation infrastructure
3. Workforce development
4. Higher education resources
5. Utilities (cost, reliability)
6. Right-to-work state
7. State and local tax scheme
8. Ease of permitting and regulatory procedures
9. Quality of life
10. Incentives

Source: Site Selection Magazine, October 2018

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# ***In-Demand Occupation Analysis***

## Identifying high demand occupations

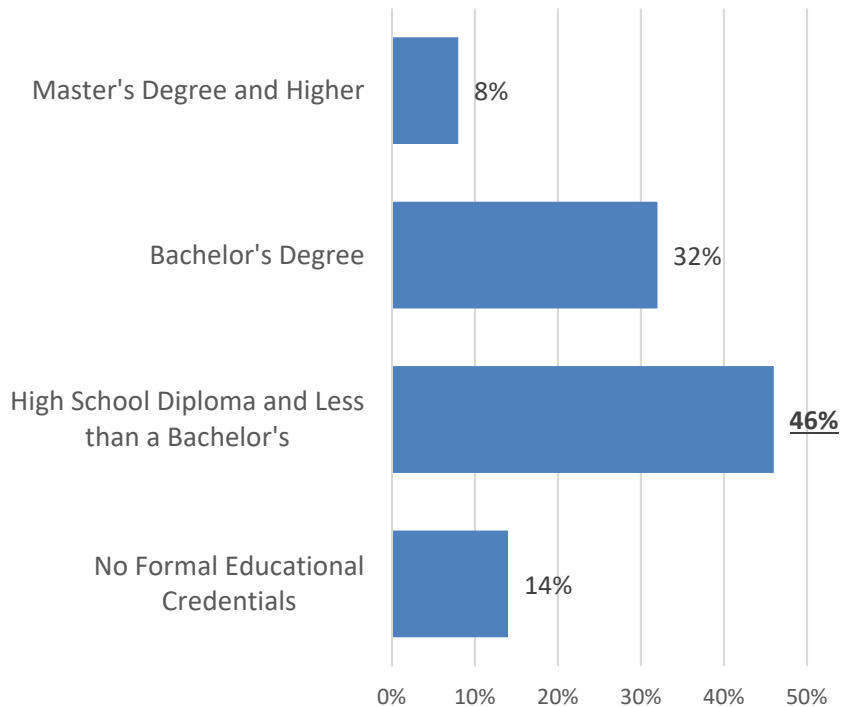
- Target Sector approach
- Real-time job postings
- DETR Occupational Employment Projections
- Brookings STEM Score
- Job openings
- Wages

# In-Demand Occupation Rankings

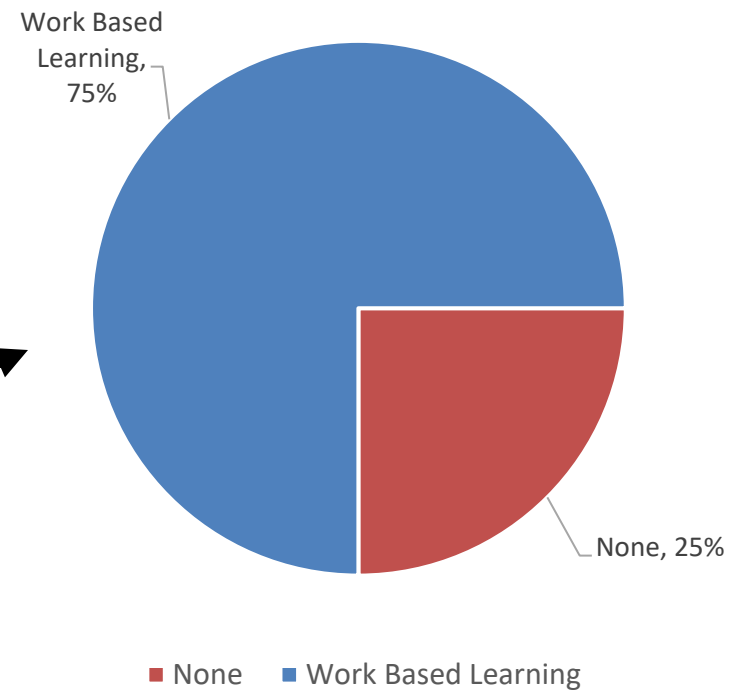
Description	State Rank	Southern NV Rank	Northern NV Rank	Northeastern NV Rank	Central NV Rank
Health Diagnosing and Treating Practitioners	1	1	1	1	1
Other Production Occupations	2	2	2	5	4
Metal Workers and Plastic Workers	3	3	3	7	7
Construction Trades Workers	4	4	4	2	2
Other Installation, Maintenance, and Repair Occupations	5	5	6	4	3
Health Technologists and Technicians	6	6	5	6	5
Engineers	7	7	7	3	6
Business Operations Specialists	8	9	8	9	8
Other Management Occupations	9	8	10	8	9
Computer Occupations	10	10	9	13	10
Material Moving Workers	11	11	11	14	11
Drafters, Engineering Technicians, and Mapping Technicians	12	13	12	11	12
Counselors, Social Workers, and Other Community and Social Service Specialists	13	14	13	18	17
Information and Record Clerks	14	12	14	16	13
Preschool, Primary, Secondary, and Special Education School Teachers	15	15	16	15	16
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	16	16	15	12	14
Financial Specialists	17	18	17	27	24
Life Scientists	18	17	20	17	18
Textile, Apparel, and Furnishings Workers	19	21	18	42	42
Art and Design Workers	20	20	19	23	20
Extraction Workers	21	19	23	10	15
Material Recording, Scheduling, Dispatching, and Distributing Workers	22	24	22	20	23
Electrical and Electronic Equipment Mechanics, Installers, and Repairers	23	23	21	21	19
Operations Specialties Managers	24	25	24	22	21
Other Office and Administrative Support Workers	25	26	25	28	30
Life, Physical, and Social Science Technicians	26	22	26	19	22
Other Healthcare Support Occupations	27	27	28	26	25
Plant and System Operators	28	30	27	25	28
Social Scientists and Related Workers	29	29	32	30	29
Physical Scientists	30	28	30	24	26

# Work-based Learning for Nevada's In-Demand Occupations

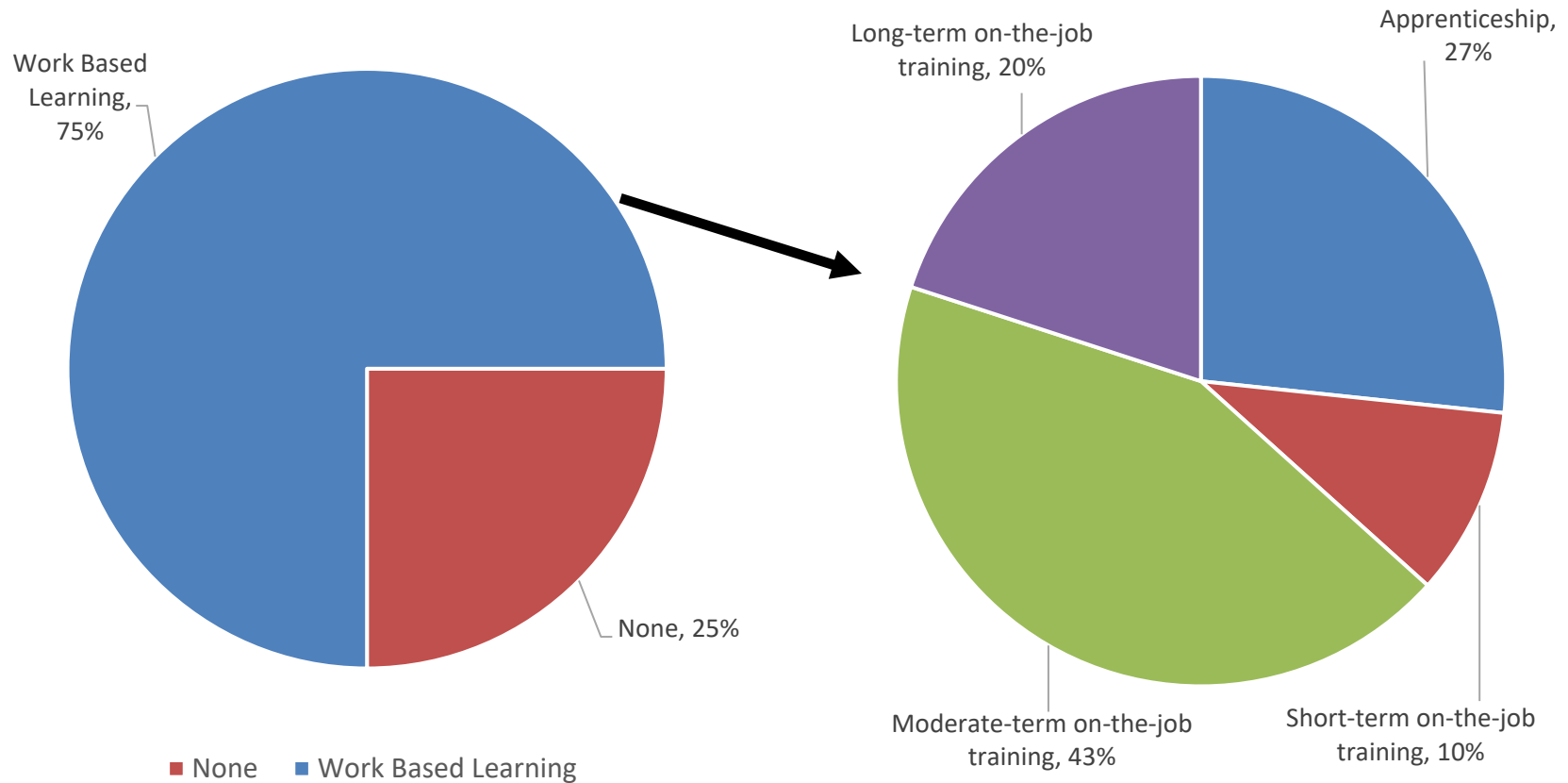
Typical Entry Level Education for Top 100 In-Demand Jobs



Typical On-The-Job Training for In-Demand, Middle Skill Jobs



# Typical On-The-Job Training for In-Demand, Middle Skill Jobs





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