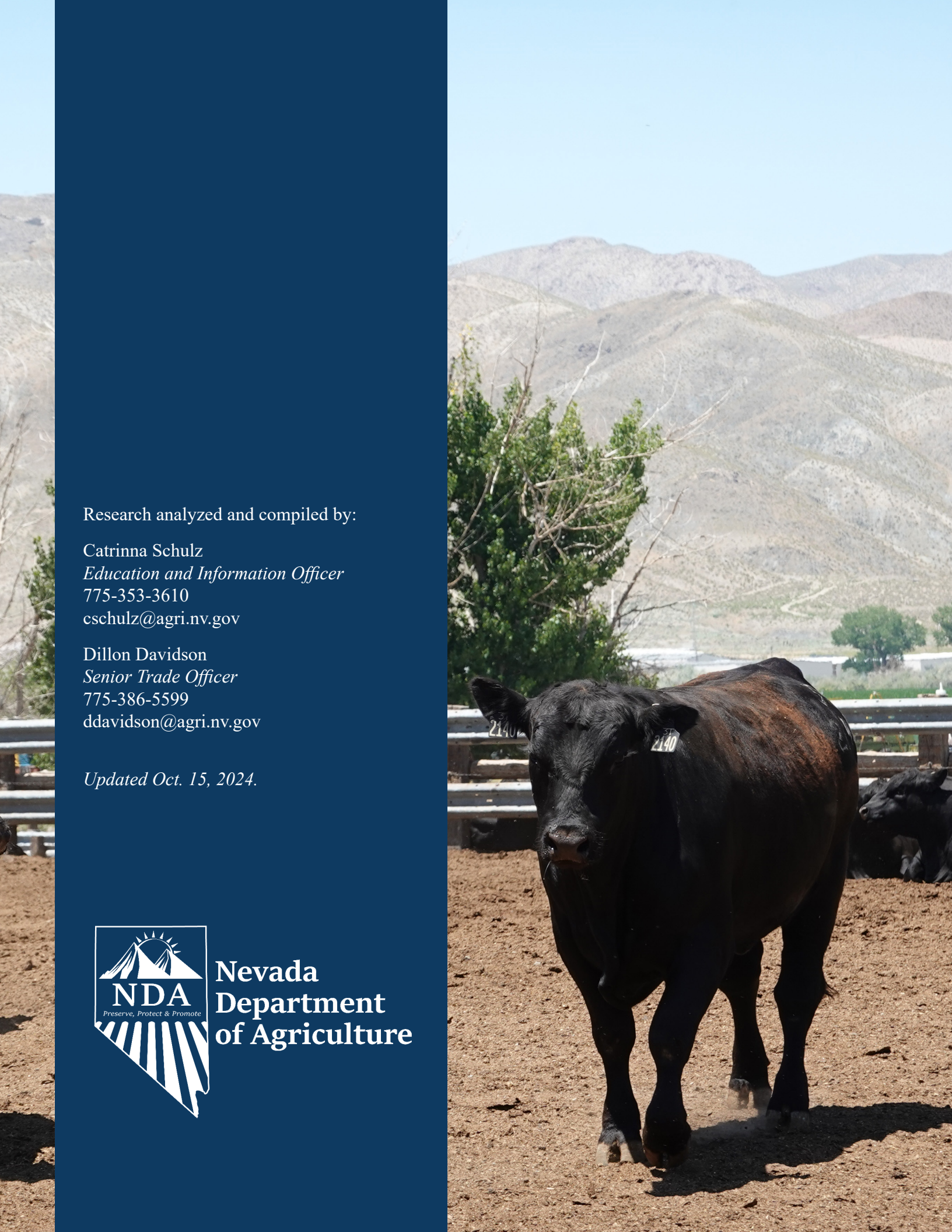




Nevada  
Department  
of Agriculture

# ECONOMIC ANALYSIS OF THE FOOD AND AGRICULTURE SECTOR IN NEVADA 2024





Research analyzed and compiled by:

Catrinna Schulz  
*Education and Information Officer*  
775-353-3610  
cschulz@agri.nv.gov

Dillon Davidson  
*Senior Trade Officer*  
775-386-5599  
ddavidson@agri.nv.gov

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# INTRODUCTION

Nevada’s food and agriculture sector is an integral part of the state’s history, serving as an essential component of the local economy and poised for continued growth in the future.

In addition to sustaining traditional food production, agriculture now produces a wide range of nonfood products such as fibers, construction materials, lubricants and fuels. Nevada’s agriculture sector uses natural resources from forests, croplands and ranches throughout the state to produce diverse commodities that drive domestic consumption and international trade.

The Nevada Department of Agriculture (NDA) evaluates the food and agricultural sectors’ economic impact regularly, using data from a variety of federal and state sources, including the U.S. Department of Agriculture (USDA) National Agricultural Statistics Service (NASS), USA Trade Online, IMPLAN, Euromonitor, the Census Bureau, USDA Economic Research Service, and NDA-conducted surveys. These analyses shed light on the critical role that Nevada’s farmers, ranchers and manufacturers play in shaping the state’s dynamic and evolving economy.

The USDA’s National Agricultural Statistics Service (NASS) conducts the Census of Agriculture every five years, providing comprehensive data on U.S. agricultural production. The 2022 Census of Agriculture data released on Feb. 13, 2024, offers detailed statistics for the state and county levels. This is the most current data available for the report, which is reflected by figures only referencing data as early as 2022. Additionally, U.S. Trade Online and IMPLAN, the resources for U.S. agricultural trade data, publish agriculture export and import statistics every two months, providing up-to-date information on the country’s agricultural trade flows.

This report provides a comprehensive overview of Nevada’s food and agriculture landscape, emphasizing the importance of local producers and manufacturers to the state’s economic health. The report shows how the agriculture sector affects both rural and urban communities across the state by examining key indicators such as employment, output, labor income, exports and imports.

It is important to note that this analysis incorporates data from various sources, including recent years’ data, to provide a complete picture of Nevada’s food and agriculture sectors. As global population growth drives up demand for animal protein and agricultural products, Nevada’s farmers and ranchers are well-positioned to meet the needs of local and international markets, reinforcing the state’s position as a critical player in the global food chain.



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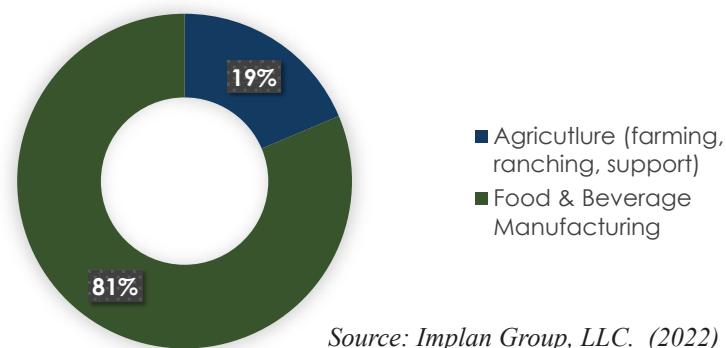


# FOOD AND AGRICULTURE AT A GLANCE NEVADA

Economic output of the food and agriculture sector in Nevada:

- Nevada had an economic output of **\$5.5 billion** in 2021.
  - » Agriculture (ranching, farming and support\*): \$996.6 million dollars
  - » Food and beverage manufacturing: \$4.5 billion dollars
- Nevada had an economic output of **\$6.5 billion** in 2022.
  - » Agriculture (ranching, farming and support): \$1.2 billion dollars
  - » Food and beverage manufacturing: \$5.3 billion dollars

## NEVADA FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



- In 2022, the food and agriculture sector consisted of:
  - » **19,466** direct jobs
  - » Over **\$1 billion** in wages

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

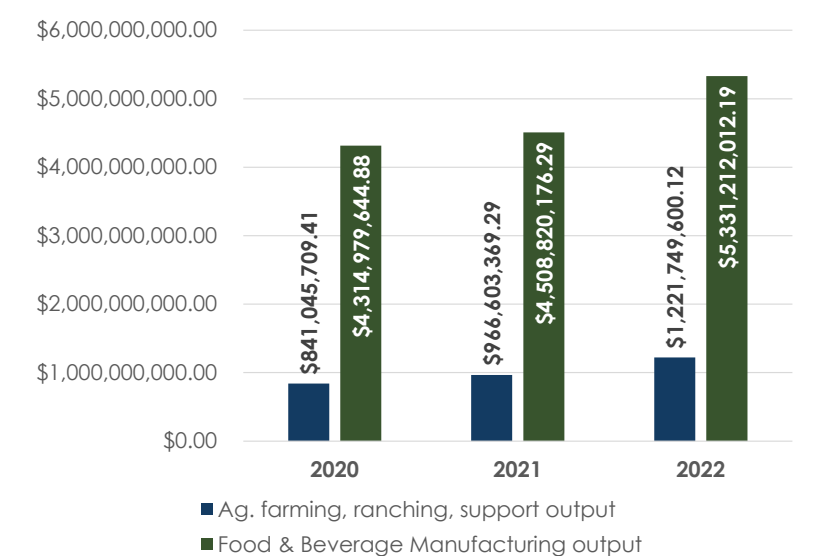
## OVERVIEW OF NEVADA'S FOOD AND AGRICULTURE ECONOMY

From 2017 to 2022, Nevada's food and agriculture economy demonstrated consistent growth, highlighting substantial expansion and advancement in the state's agricultural industry. The agricultural farming, ranching and support industries exhibited a steady and continuous increase in output. In 2017, the output amounted to \$759.4 million and steadily increased to \$1.2 billion in 2022. The development of these industries can be attributed to technological advancements, improved efficiency and expanding markets, as indicated by its growth trajectory.

Similarly, Nevada's food and beverage manufacturing sector experienced substantial expansion during the specified period. The output in 2017 reached \$4.03 billion and rose to \$5.33 billion by 2022. The observed growth suggests a flourishing food processing and manufacturing sector in the state, driven by the demand for locally made products, advancements in food processing methods and favorable market circumstances.<sup>1</sup>

Figure 1 outlines the economic output of Nevada's agriculture sectors from 2017 to 2022, showcasing the steady growth trajectory of the agricultural farming, ranching and support sectors, as well as food and beverage manufacturing output over the specified period.

Figure 1: Economic output of the food and agriculture sector in Nevada



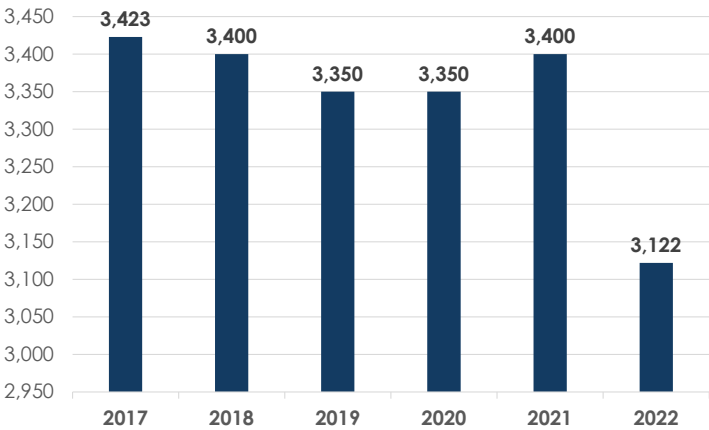
<sup>1</sup> IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.



Nevada’s Agriculture Demographics

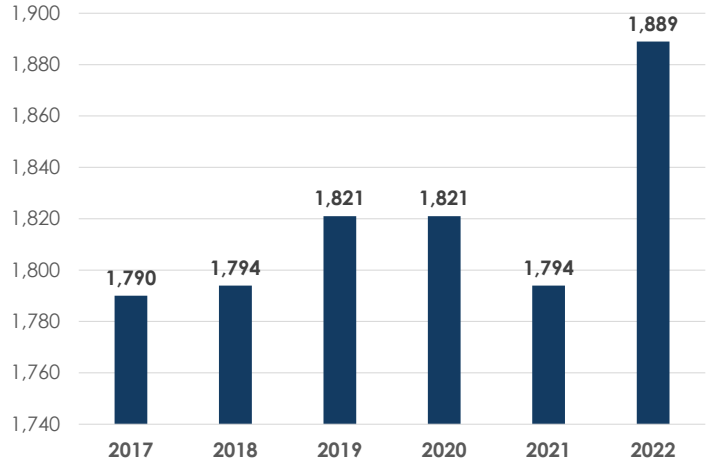
The USDA Census of Agriculture counts farms and ranches in the U.S. every five years. This data for Nevada between 2017 and 2022 shows a fluctuating agricultural landscape. During this timeframe Nevada’s farm count experienced a decline from 3,423 to 3,122, while the average size of farms remained relatively stable at 1,790 acres in 2017 before settling at 1,889 acres by 2022. Notably, the state’s total acreage coverage remained relatively stable at 5,896,654 acres, demonstrating the dynamic nature of Nevada’s agricultural sector despite changing economic and environmental conditions.<sup>2</sup>

Figure 2: Number of farms in Nevada



Source: USDA, NASS 2022

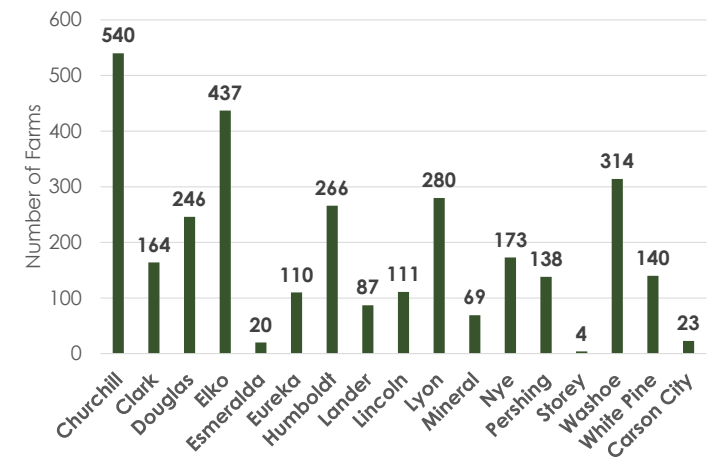
Figure 3: Average farm size in Nevada in acres



Source: USDA, NASS 2022

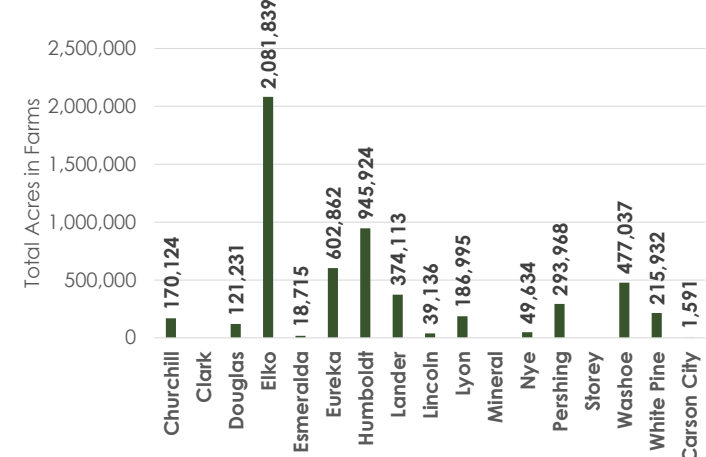
Figures 4 and 5 provide a breakdown of farm data by county.<sup>3</sup>

Figure 4: Number of farms in Nevada by county



Source: USDA, NASS 2022

Figure 5: Total acreage of farms in each county



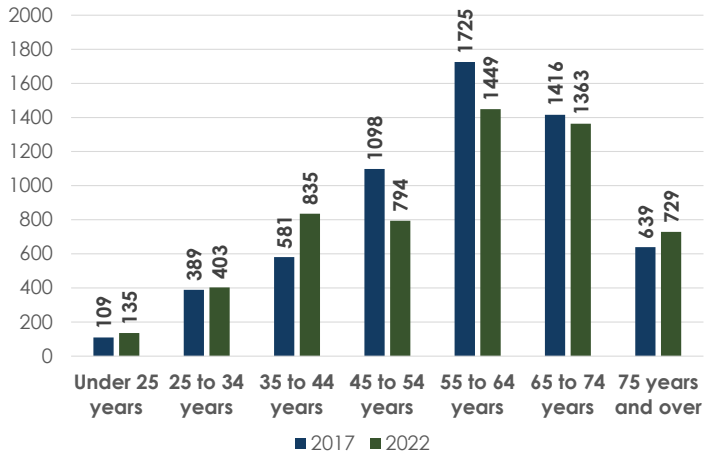
Source: USDA, NASS 2022

2 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
3 Note: Clark, Mineral and Storey counties were omitted by NASS to avoid disclosing data for individual operations.

Nevada Agriculture Sector Demographics

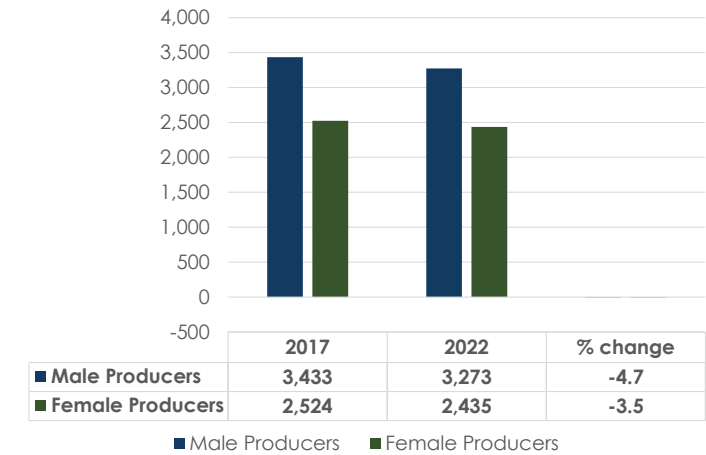
Nevada’s farm operators’ demographics reveal interesting shifts between 2017 and 2022. While the total number of farmers declined slightly from 5,957 to 5,708, there were notable changes in age distribution, including a significant increase in the 35 to 44 age brackets, rising from 581 to 835 operators, indicating a potential influx of younger individuals into farming. Conversely, there was a decline in operators aged 45 to 54, dropping from 1,098 to 794. Farmers aged 55 to 64 also experienced a decrease from 1,725 to 1,449. The data also highlights a gender disparity, with male producers consistently outnumbering female counterparts, although both experienced slight declines. In terms of racial demographics, the majority of farm operators in Nevada are White, followed by American Indian, with marginal increases in Asian and Native Hawaiian operators. This demographic insight illustrates Nevada’s agricultural sector’s changing landscape, indicating generational shifts and ongoing diversity within its farming community.<sup>4</sup>

Figure 6: Number of farm operators in Nevada by age



Source: USDA, NASS 2022

Figure 7: Nevada producers by gender



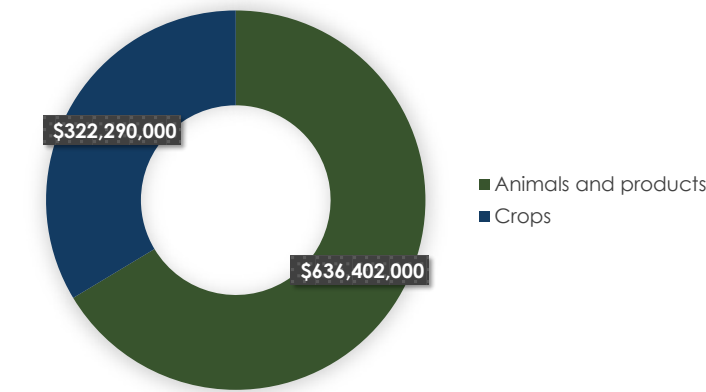
Male Producers Female Producers

Source: USDA, NASS 2022

Nevada’s Farm Cash Receipts

Nevada’s farm cash receipts fluctuated between 2017 and 2022, with significant variations in both the animal and product sectors and crop production. Total farm cash receipts were \$638.8 million in 2017 and experienced a steady rise, reaching \$958.7 million by 2022. Within the animal and product sector, revenues were at \$462.3 million in 2017 and peaked at \$636.4 million in 2022, showcasing notable changes in meat animals, dairy products, poultry, and miscellaneous animals and products. Concurrently, crop revenues ranged from \$176.5 million in 2017 to \$322.3 million in 2022, with fluctuations in feed crops, hay, vegetables, melons and other crops in the years in between. Despite fluctuations, overall farm cash receipts in Nevada showed a general upward trend over the analysis period, reflecting the state’s robust agricultural economy.<sup>5</sup>

Figure 8: 2022 Nevada farm cash receipts



Source: USDA, ERS

Figure 9: Nevada farm cash receipts by product



Animals and products Crops

Source: USDA, ERS

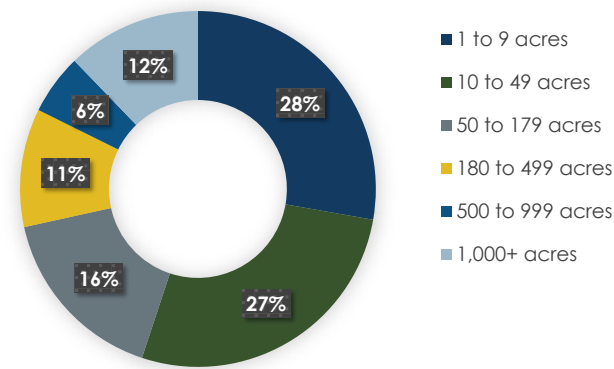
4 USDA, NASS (2022) Census of Agriculture for Nevada State Agriculture Selected Producer Characteristics  
5 Economic Research Service, USDA (2022) Farm and Income Wealth Statistics. Retrieved: data.ers.usda.gov



Farm Wealth Distribution and Size

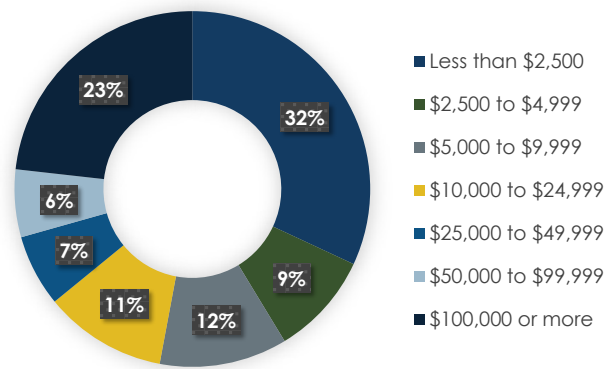
The provided data depicts the distribution of Nevada farms by acreage and sales value in each region. Most farms are between 1 and 9 acres in size, followed by 10 to 49 acres. Notably, farms with less than \$2,500 in sales make up the majority, with those making \$100,000 or more annually being the second largest group. This indicates that Nevada agriculture is primarily made up of small- and large-size farms, with few mid-sized farms in the state.<sup>6</sup>

Figure 10: Nevada farms and ranches broken down by acreage



Source: USDA, NASS

Figure 11: Nevada farms and ranches broken down by value of sales

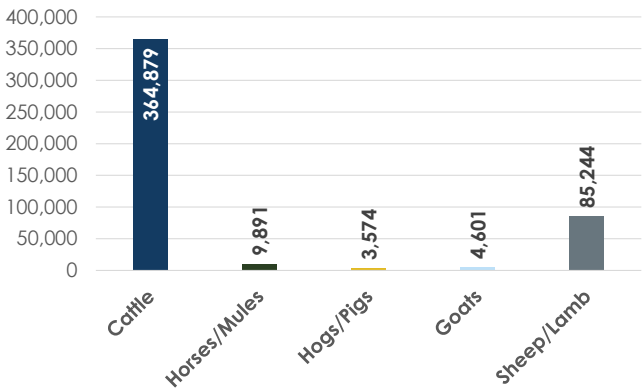


Source: USDA, NASS

Nevada’s Animal Industry

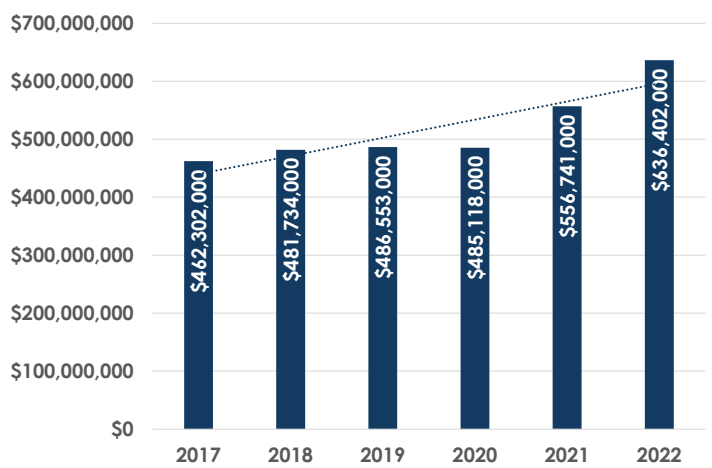
Nevada’s animal cash receipts increased from \$462 million in 2017 to \$636.4 million in 2022.<sup>7</sup> Figure 13 provides a breakdown of total cash receipts of animal and animal products by year.

Figure 12: Nevada head tax total number of animals



Source: NDA Head Tax Database

Figure 13: Animals and animal products cash receipts

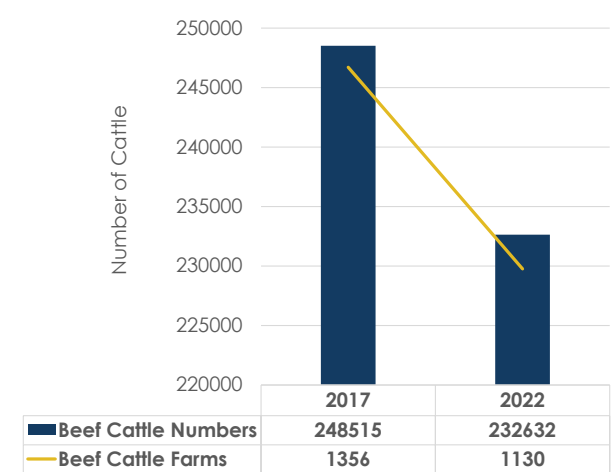


Source: USDA, ERS

Cattle and Calves

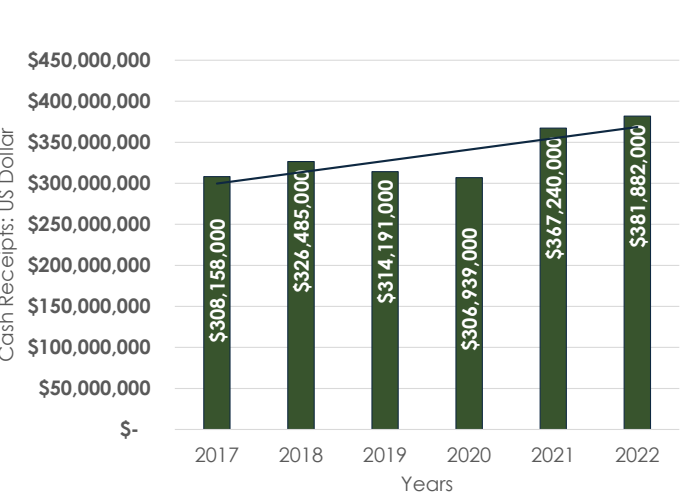
The cattle industry, particularly beef cattle, has historically been one of Nevada’s largest agricultural commodities, fluctuating over time due to various factors. From 2017 to 2022, the number of beef cattle fell from 248,515 in 2017 to 232,632 in 2022, and was reflective of the decrease see in the number of beef cattle farms falling from 1,356 to 1,130. Despite this, cash receipts for cattle and calves increased from \$308.1 million in 2017 to \$381.8 million in 2022. These fluctuating numbers are due to the cattle industry’s vulnerability to changing environmental conditions, such as drought and other weather conditions. These factors can significantly impact rangeland, water access and the cattle reproductive cycle.<sup>8</sup>

Figure 14: Number of beef cattle compared to number of farms from 2017 to 2022



Source: USDA, NASS

Figure 15: Cattle and calves cash receipts

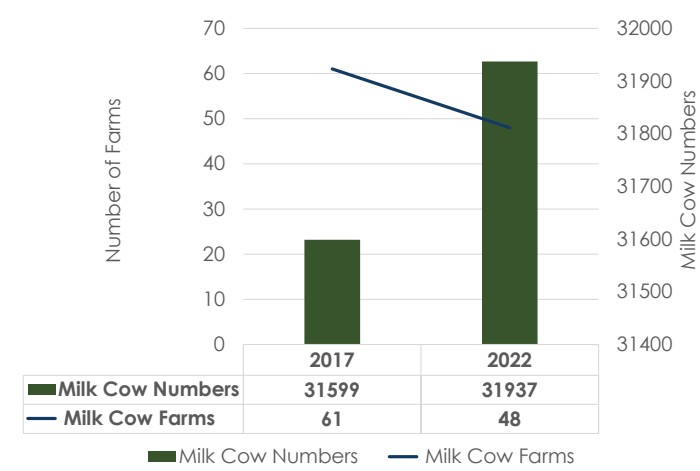


Source: USDA, ERS (data as of Feb. 7, 2024)

Dairy Operations

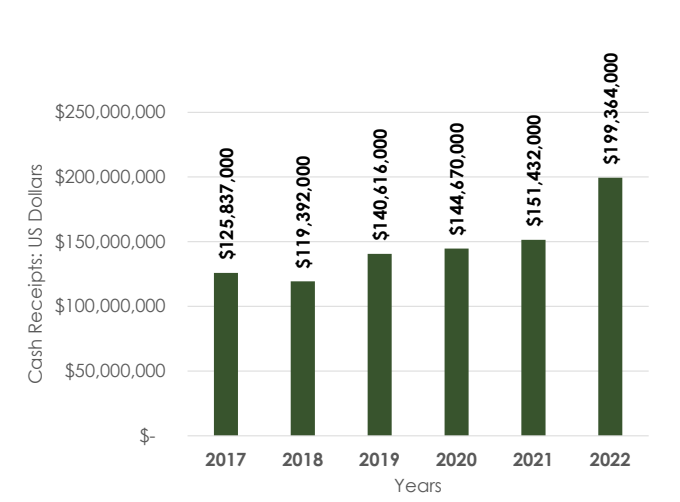
Nevada’s dairy operations have experienced fluctuations in milk cow farms and cow numbers. From 2017 to 2022, the number of milk cow farms decreased from 61 to 48, while the number of cows has seen a steading incline to 31,937 cows by 2022. Despite fluctuating herd sizes, the value of dairy products, particularly milk, has steadily increased, rising from \$125.8 million in 2017 to \$199.3 million in 2022. The data indicates that the dairy industry in Nevada has been resilient and capable of meeting the growing demand for dairy products despite the operational changes over the years.<sup>9</sup>

Figure 16: Number of dairy cows compared to number of farms from 2017 to 2022



Source: USDA, NASS (2022)

Figure 17: Dairy products cash receipts



Source: USDA, ERS (data as of Feb. 7, 2024)

6 USDA, NASS (2022) Census of Agriculture for Nevada State Agriculture Historical Highlights: 2022 and Earlier Census Years

7 Economic Research Service, USDA (2022) Farm and Income Wealth Statistics. Retrieved: data.ers.usda.gov

8 USDA, NASS (2022) Census of Agriculture for Nevada State Agriculture Historical Highlights: 2022 and Earlier Census Years and USDA Economic Research Service, Farm Income and Wealth Statistics (2022)

9 USDA, NASS (2022) Census of Agriculture for Nevada State Agriculture Historical Highlights: 2022 and Earlier Census Years and USDA Economic Research Service, Farm Income and Wealth Statistics (2022)

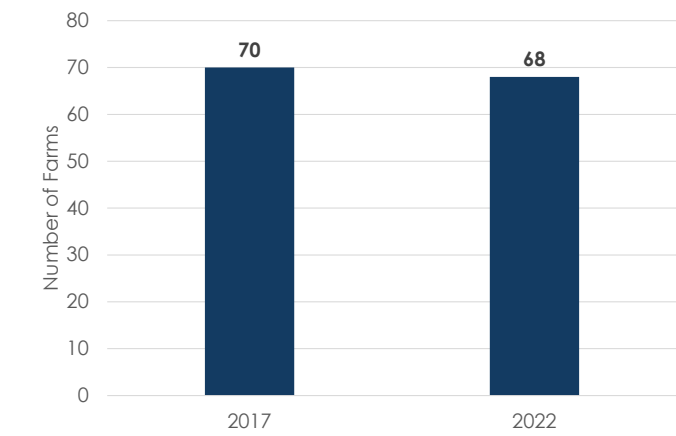
For question or additional data, please email cschulz@agri.nv.gov.



Hogs and Pigs

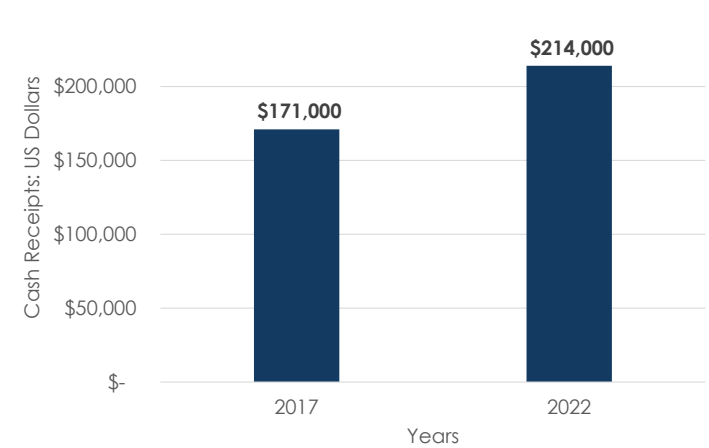
The hog and pig industry in Nevada reveals notable fluctuations in cash receipts from 2017 to 2022 and a slight decline in the number of farms. Data from USDA, ERS indicates that cash receipts for hogs and pigs increased significantly from \$171,000 in 2017 to a peak of \$739,000 in 2021 before dropping to \$214,000 in 2022. Despite the variability in revenue, the number of hog and pig farms remained remarkably stable, with a minor decrease from 70 farms in 2017 to 68 in 2022. The number of hogs and pigs is withheld to protect individual farm data.<sup>10</sup>

Figure 18: Number of hog and pig farms



Source: USDA, NASS

Figure 19: Hogs and pigs cash receipts

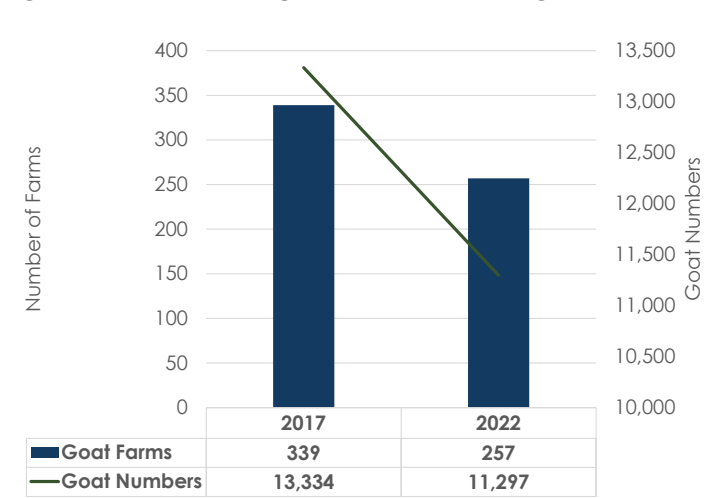


Source: USDA, ERS (data as of Feb. 7, 2024)

Goats

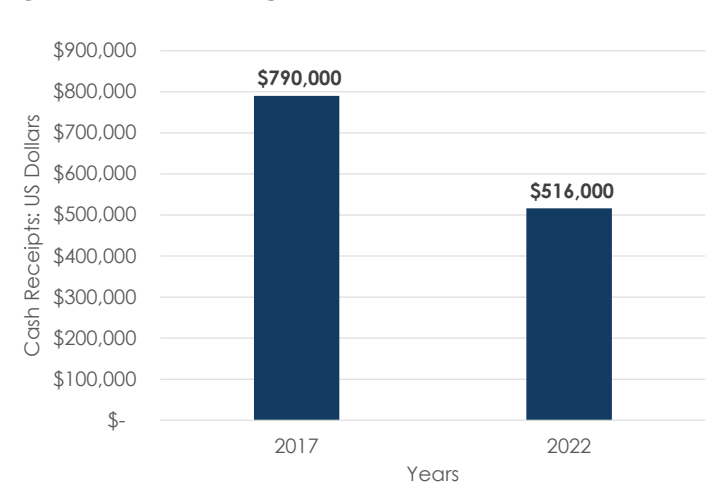
The goat industry in Nevada from 2017 to 2022 shows a significant decline in the number of goat farms and the overall cash receipts from goat sales. According to data from USDA, NASS, goat farms decreased from 339 in 2017 to 257 in 2022, a reduction of approximately 24%. Reflectively, the total number of goats also decreased from 13,334 to 11,297, indicating a reduction of around 15%. This decline in the number of farms and goats correlates with a substantial decrease in cash receipts, dropping from \$790,000 in 2017 to \$516,000 in 2022, a 35% reduction.<sup>11</sup>

Figure 20: Number of goats compared to goat farms



Source: USDA, NASS

Figure 21: Goat and goat product cash receipts

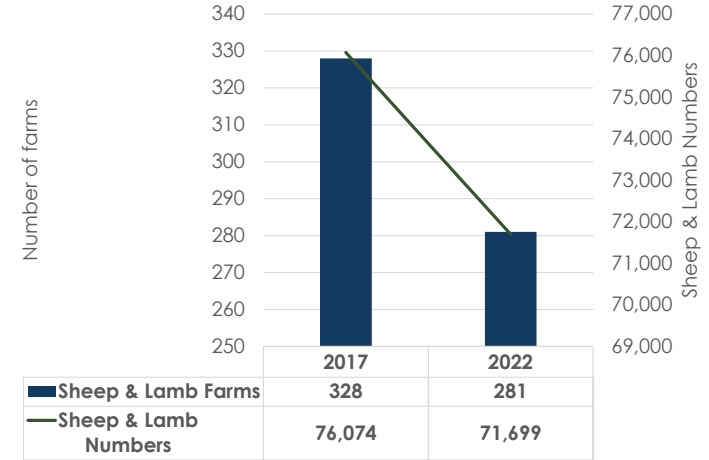


Source: USDA, ERS (data as of Feb. 7, 2024)

Sheep and Lambs

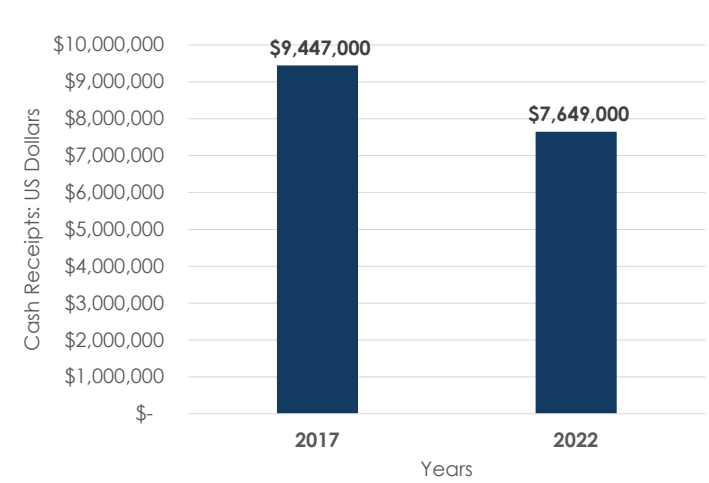
The sheep and lamb industry in Nevada from 2017 to 2022 indicates a downturn in production and revenue. Data from USDA, NASS shows a reduction in sheep and lamb farms from 328 in 2017 to 281 in 2022, a decrease of approximately 14%. Similarly, the total number of sheep and lambs declined from 76,074 to 71,699, reflecting a 6% drop. This reduction in farm and livestock numbers corresponds with a decrease in cash receipts, which fell from \$9,447,000 in 2017 to \$7,649,000 in 2022, a 19% decline.<sup>12</sup>

Figure 22: Number of sheep and lambs compared to farms



Source: USDA, NASS

Figure 23: Sheep and lamb cash receipts



Source: USDA, NASS

12      USDA, NASS (2022) Census of Agriculture for Nevada State Agriculture Historical Highlights: 2022 and Earlier Census Years

10      Economic Research Service, USDA (2022) Farm and Income Wealth Statistics. Retrieved: data.ers.usda.gov  
11      USDA, NASS (2022) Census of Agriculture for Nevada State Agriculture Historical Highlights: 2022 and Earlier Census Years



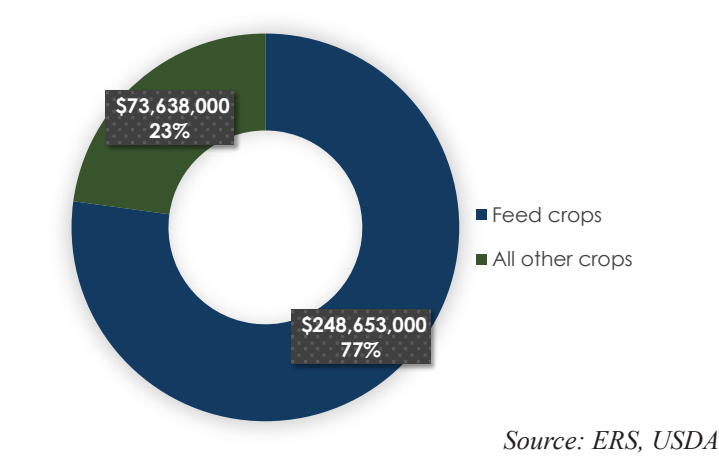


Nevada’s Crop Industry

Nevada’s crop industry in 2022 had a total value of \$322.2 million, marking an increase from \$215.4 million in 2017.

Hay and alfalfa comprise the most significant production categories in Nevada. In 2022, crops accounted for 77% (\$248.6 million) of the overall value. The value of hay alone increased significantly from \$115.5 million in 2017 to \$248.6 million in 2022, indicating a substantial increase in production and revenue. Additionally, hay production rose from 1.1 million tons on 320,000 acres in 2020 to 1.5 million tons on 429,380 acres in 2022, contributing significant growth in Nevada’s crop output and agricultural landscape.<sup>13 14</sup>

Figure 24: 2022 crop farm cash receipts



Source: ERS, USDA

Figure 25: Total production of hay in dry tons and acres

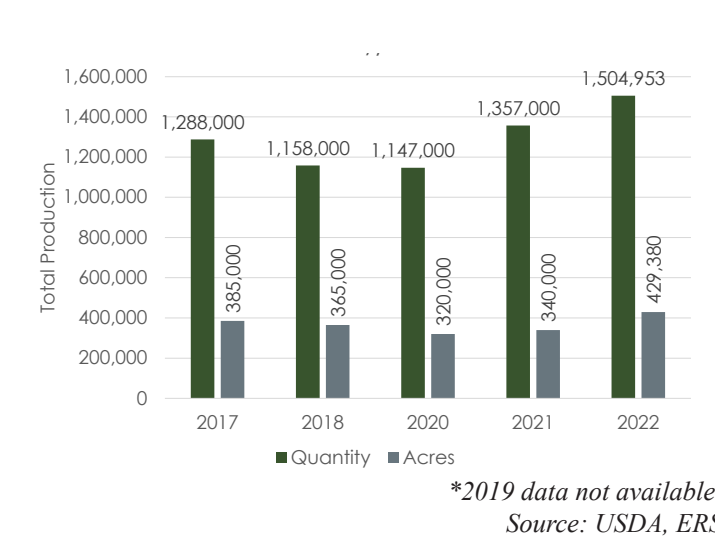


Figure 26: Hay cash receipts



13 Note: All other crop commodities are withheld to avoid disclosing data for individual farms within USDA NASS census data or less than half unit shown.  
14 Stock, C., Nevada Agricultural Statistics Annual Bulletin (2021) NASS, USDA



Nevada’s Food, Beverage and Specialty Product Manufacturing

In 2022, Nevada’s food, beverage and specialty manufacturing sector experienced significant growth, generating a total output of \$2.9 billion, up 13.6% from the previous year. The top ten manufacturing categories included bottled and canned soft drinks and water with an output of \$648.8 million, followed by bread and bakery manufacturing at \$555.2 million.<sup>15</sup> The diversity of these sectors highlights Nevada’s thriving food and beverage industry, which significantly contributes to the state’s economy.

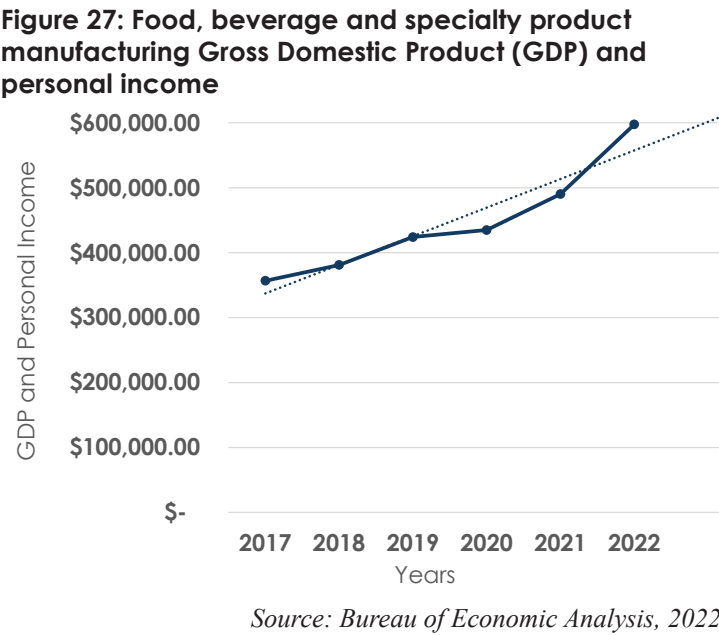


Figure 28: Total output from food, beverage, and specialty products manufacturing categories in 2022

Manufacturing Category: Top 10	2022 Output
Bottled and canned soft drinks & water	\$648,809,435
Bread and bakery product, except frozen, manufacturing	\$555,277,468
Spice and extract manufacturing	\$327,505,634
All other food manufacturing	\$231,064,311
Ice cream and frozen dessert manufacturing	\$215,623,927
Other snack food manufacturing	\$214,489,815
Fluid milk manufacturing	\$207,395,152
Meat processed from carcasses	\$201,358,909
Coffee and tea manufacturing	\$188,108,939
Mayonnaise, dressing, and sauce manufacturing	\$160,582,936

Source: IMPLAN Group, LLC

15 IMPLAN Group, LLC (2024). Huntersville, NC. Implan.com



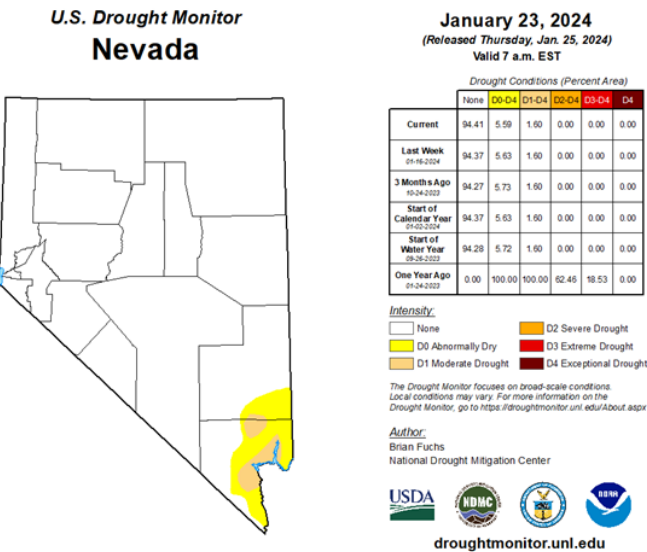
Drought and Climate Conditions Impacting Agriculture

According to The Nevada Drought Update, published August 2023, southern Nevada continued to experience moderate drought and abnormally dry conditions. The update also highlights the impact of hot and dry weather in July 2023, leading to minimal state precipitation and soil moisture deficits. Despite challenges, most reservoirs in Nevada are at or above their usual late-July levels, although Lake Mead remains at approximately 54% of capacity as of April 2024, hitting the highest levels measured since 2021.

Like much of the U.S., Nevada is facing a growing challenge of excess seasonal water in some places and insufficient water in others, as seen in 2023 with flooding in many areas across the state. Flooding on farmlands can cause many types of damage including crop loss, contamination, soil erosion, equipment and infrastructure loss, debris deposition, and the spread of invasive species.

Drought conditions in southern Nevada are unlikely to improve soon, and there’s potential for drought development in neighboring regions. Additionally, the possibility of wildfires remains high, particularly in northwestern Nevada, while air quality issues persist in areas affected by significant wildfire potential.<sup>16 17</sup>

Figure 30: Nevada drought conditions - Jan. 23, 2024

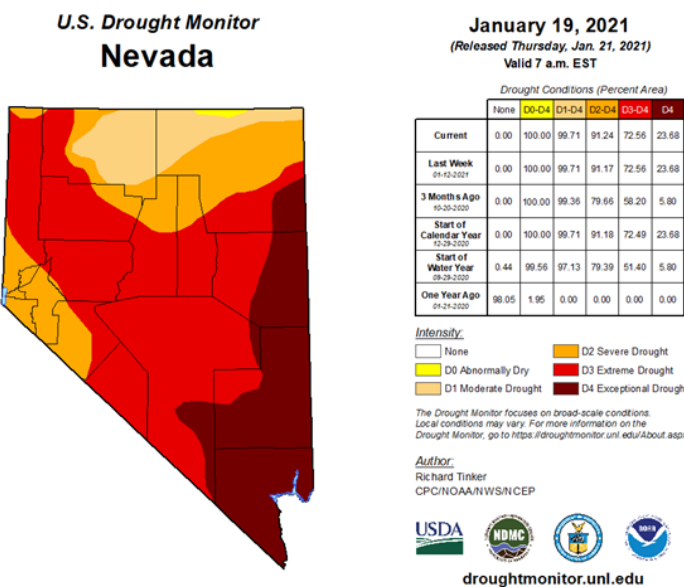


Source: USDA Drought Monitor

16 [https://www.weather.gov/media/rev/Hydro/drought\\_status\\_report\\_aug2023.pdf](https://www.weather.gov/media/rev/Hydro/drought_status_report_aug2023.pdf)  
17 [https://www.drought.gov/drought-status-updates/california-nevada-drought-status-update-2023-10-19#:~:text=California%2FNevada%20conditions%20as%20of,experiencing%20Abnormally%20Dry%20\(D0\)%20conditions;https://droughtmonitor.unl.edu/data/png/20240123/20240123\\_nv\\_trd.png](https://www.drought.gov/drought-status-updates/california-nevada-drought-status-update-2023-10-19#:~:text=California%2FNevada%20conditions%20as%20of,experiencing%20Abnormally%20Dry%20(D0)%20conditions;https://droughtmonitor.unl.edu/data/png/20240123/20240123_nv_trd.png)  
<https://snoflo.org/reservoir/nevada/lake-mead#:~:text=Water%20storage%20levels%20at%20Lake,%2C%20about%2054%25%20of%20normal.>  
<https://www.climatehubs.usda.gov/index.php/hubs/northeast/topic/farming-floodplain-trade-offs-and-opportunities>

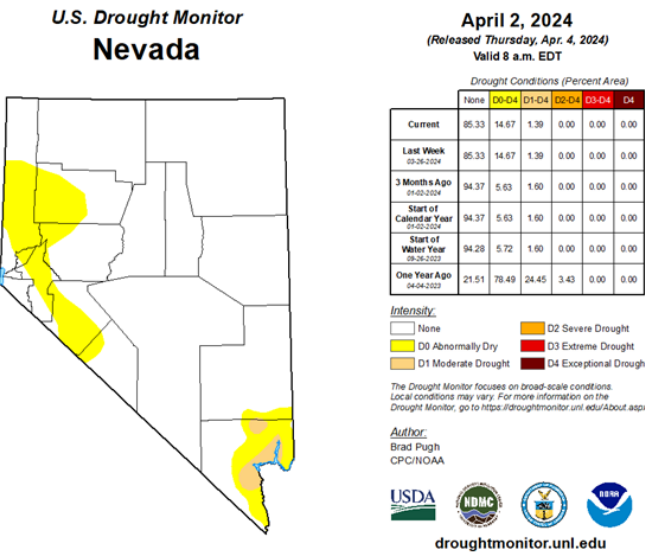
US Drought Monitor (2024) <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?NV>.

Figure 29: Nevada drought conditions - Jan. 19, 2021



Source: USDA Drought Monitor

Figure 31: Nevada drought conditions - April 2, 2024



Source: USDA Drought Monitor

Nevada’s Global Trade of Food and Agriculture Products

Nevada’s global food and agriculture trade is tracked through USA Trade and includes data through 2023. This sector reached \$446.2 million in 2023, an increase from previous years that showed the state’s growing importance in this sector. March and August had the highest exports, at \$41.8 million and \$42.1 million, respectively.

The commodity group “Coffee, Tea, Mate & Spices,” which fell slightly from the previous year, was Nevada’s top export at \$117 million. “Miscellaneous Edible Preparations” rose to \$108.8 million as the second-highest export. “Dairy Prods; Bird Eggs; Honey; Ed Animal Pr Neso” followed, falling to \$55.2 million from the previous year.

“Meat And Edible Meat Offal,” “Prepared Cereal, Flour, Starch, Or Milk,” “Bakers Wares, Beverages, Spirits, And Vinegar,” and “Vegetables, Fruit, Nuts, Or Other Plant Parts” were also important exports. These commodities showcased Nevada’s diverse agricultural products reaching global markets.<sup>18</sup>

Figure 33: Nevada’s top 10 trade commodities

Top 10 Commodities	2017	2018	2019	2020	2021	2022	2023
09 Coffee, Tea, Mate & Spices	\$86,539,276	\$91,349,003	\$97,130,049	\$98,328,915	\$105,327,551	\$141,569,665	\$117,064,213
21 Miscellaneous Edible Preparations	\$44,533,273	\$35,658,151	\$37,911,769	\$49,311,622	\$67,158,479	\$57,615,512	\$108,842,568
04 Dairy Prods; Birds Eggs; Honey; Ed Animal Pr Neso	\$53,125,879	\$58,426,874	\$61,199,412	\$78,771,817	\$81,127,770	\$95,961,040	\$55,242,540
02 Meat and Edible Meat Offal	\$917,455	\$1,240,947	\$763,882	\$1,025,947	\$1,071,246	\$15,863,525	\$34,386,368
19 Prep Cereal, Flour, Starch Or Milk; Bakers Wares	\$29,596,886	\$36,493,270	\$40,238,260	\$34,429,543	\$24,944,352	\$29,136,594	\$28,472,655
22 Beverages, Spirits And Vinegar	\$20,943,415	\$22,044,968	\$13,669,232	\$13,086,527	\$6,776,183	\$10,208,755	\$22,288,394
20 Prep Vegetables, Fruit, Nuts Or Other Plant Parts	\$5,950,773	\$6,132,018	\$8,263,641	\$9,182,594	\$14,861,666	\$15,944,325	\$17,006,281
07 Edible Vegetables & Certain Roots & Tubers	\$15,163,913	\$12,051,423	\$11,293,615	\$13,048,967	\$12,864,406	\$13,878,340	\$12,396,234
12 Oil Seeds Etc.; Misc Grain, Seed, Fruit, Plant Etc	\$12,483,780	\$11,416,052	\$13,736,956	\$21,256,140	\$14,996,265	\$10,339,155	\$11,655,859
23 Food Industry Residues & Waste; Prep Animal Feed	\$3,757,604	\$2,126,595	\$3,638,658	\$5,574,744	\$9,271,204	\$8,556,907	\$8,943,545

Source: USA Trade Online

18 US Census, USA Trade, 2023



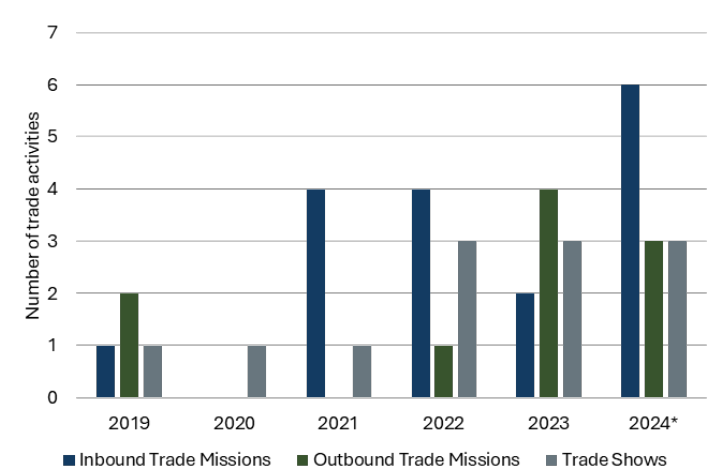
Trade Activity Efforts

The NDA’s trade and economic development program’s goal is to increase Nevada’s agriculture, food, and beverage products on the national and international levels. These goals have been targeted and achieved through the following outlets:

- Inbound trade missions: where foreign buyers come to Nevada to meet with suppliers firsthand and can see the local market and where the products are coming from.
- Outbound trade missions: where Nevada companies travel to the foreign markets to meet firsthand with buyers and can see the local market there and identify potential competitors.
- Trade shows: where companies have an opportunity to showcase their products in a booth setting where they interact with potentially thousands of visitors each day of the show.

Ensuring that Nevada’s agriculture, food and beverage products remain competitive in the markets, company and product exposure at each of these activities is crucial for brand awareness.

Figure 34: Nevada’s trade activity



Nevada’s Top Export Partners by Export Value

The following is an overview of Nevada’s top five trading partners in the agriculture, food, beverage, and specialty product sectors. These trade partners account for a significant portion of Nevada’s overall exports.



Canada

- Nevada’s trade with Canada reached a total of \$80.6 million in 2023 with an average trade yield of \$ 67.1 million between 2017 and 2023.
- Nevada’s top export commodity to Canada was “cereal, flour, and starch,” and showed a consistent increase in value from \$62million in 2017 to \$80.6 million in 2023.
- “Edible vegetables,” another significant export commodity from Nevada to Canada, experienced fluctuations in value over the same period, peaking at \$8.3 million in 2021 and 2022 and then declining to \$6.3 million in 2023.<sup>19</sup>

Figure 35: Nevada’s total agriculture exports to Canada

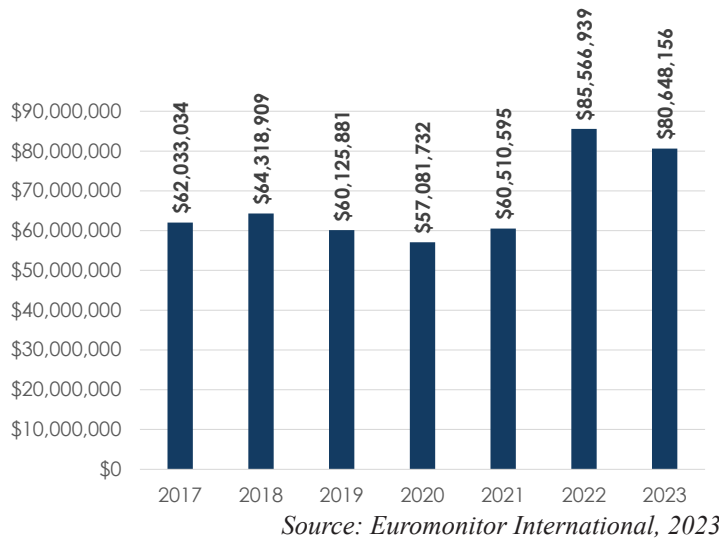


Figure 36: Nevada's top 5 export commodities to Canada

Top 5 Export Commodities	2017	2018	2019	2020	2021	2022	2023
Cereal, flour, starch	\$27,179,676	\$33,678,003	\$36,632,085	\$30,451,144	\$20,780,516	\$25,785,449	\$26,627,407
Beverages, vinegar	\$7,412,479	\$7,023,709	\$502,004	\$242,813	\$1,019,237	\$4,554,820	\$7,660,045
Misc edible preps	\$4,501,709	\$3,490,842	\$4,363,298	\$4,544,207	\$5,211,823	\$7,178,821	\$6,787,851
Edible vegetables	\$6,252,308	\$4,924,797	\$4,746,410	\$7,194,114	\$8,344,722	\$8,320,118	\$6,282,839
Live trees, plants	\$2,794,762	\$3,680,813	\$4,383,931	\$4,612,991	\$5,397,165	\$4,901,013	\$4,312,684

Source: Euromonitor International, 2023



19 Euromonitor International (2023)





South Korea

- Nevada’s trade with South Korea reached \$78.7 million in 2023 with an average trade yield of \$63.4 million between 2017 and 2023.
- Nevada’s top export commodity to South Korea was “Coffee, tea, spices”. This commodity exhibited significant fluctuations in value reaching a peak of \$93.4 million in 2022 before declining to \$72.3 million in 2023.
- “Miscellaneous edible preps” emerged as another notable export category from Nevada to South Korea. Their value gradually increased from \$1.6 million in 2017 to \$3 million in 2023, indicating a steady growth trajectory in this export segment.<sup>20 21</sup>

Figure 38: Nevada's top 5 export commodities to South Korea

Top 5 Export Commodities	2017	2018	2019	2020	2021	2022	2023
Coffee, tea, spices	\$35,652,301	\$40,253,517	\$48,873,639	\$50,837,375	\$59,046,606	\$93,372,910	\$72,260,427
Misc edible preps	\$1,660,534	\$1,281,902	\$2,104,252	\$1,455,599	\$2,440,034	\$2,887,009	\$3,040,701
Beverages, vinegar	\$9,736	\$30,646	\$1,602,451	\$1,248,839	\$1,583,732	\$1,500,388	\$1,486,383
Vegetables, fruit, prepared	\$624,124	\$731,733	\$1,024,045	\$1,309,650	\$1,316,199	\$1,031,449	\$707,333
Dairy products	\$126,160	\$130,809	\$426,157	\$871,170	\$1,946,588	\$3,579,702	\$655,617

Source: Euromonitor International, 2023

20 Euromonitor International (2023). US Census, USA Trade, 2023

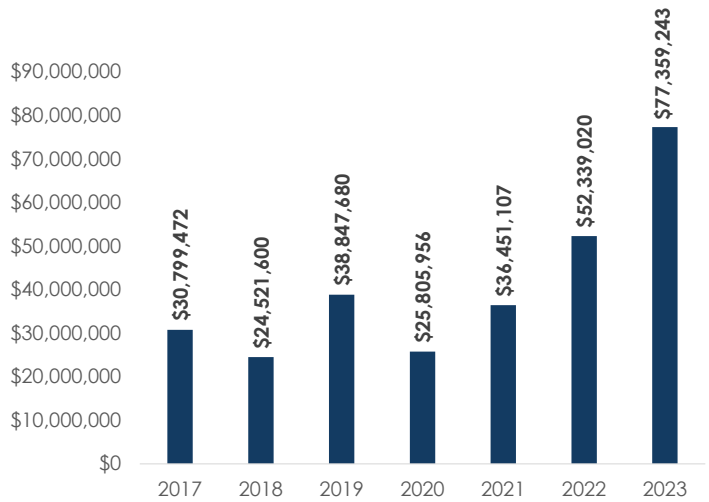
21 Note: Miscellaneous edible preparations include Other Edible Preparations, Sauces and Seasonings, Coffee and Tea Extracts, Ice Cream, Soups and Broths, and Yeast.



Mexico

- Nevada’s trade with Mexico reached a total of \$77.3 million in 2023 with an average trade yield of \$ 40.8 million between 2017 and 2023.
- Nevada’s top export commodity to Mexico was miscellaneous edible preparations, which demonstrated significant growth over the four years, increasing from \$3.7 million, in 2017 to \$26.1 million in 2023.
- “Meat and edible offal” emerged as another significant export commodity from Nevada to Mexico, experiencing a remarkable surge from \$534,000 in 2017 to \$34.2 million in 2023, marking a substantial increase and reflecting a notable shift in trade dynamics between Nevada and Mexico.<sup>22 23</sup>

Figure 39: Nevada's total agriculture exports to Mexico



Source: Euromonitor International, 2023

Figure 40: Nevada's top 5 export commodities to Mexico

Top 5 Export Commodities	2017	2018	2019	2020	2021	2022	2023
Meat, edible offal	\$534,267	\$464,954	\$517,467	\$928,301	\$966,959	\$14,811,934	\$34,267,112
Misc edible preps	\$3,758,461	\$4,827,528	\$3,331,381	\$8,129,688	\$19,341,780	\$21,117,021	\$26,101,648
Sugars	\$5,406,154	\$3,552,277	\$3,865,612	\$3,669,200	\$4,837,810	\$5,935,332	\$5,498,337
Edible vegetables	\$7,531,205	\$5,456,111	\$5,375,486	\$4,400,920	\$2,763,052	\$3,354,694	\$4,236,487
Dairy products	\$6,349,070	\$4,022,067	\$17,525,612	\$546,227	\$1,020,150	\$184,003	\$938,278

Source: Euromonitor International, 2023

22 Note: Meat and edible offal include Byproducts--edible offal, inedible offal, blood, hides, and rendered products--include virtually all parts of the live animal that are not part of the dressed carcass.

23 Euromonitor International (2023)

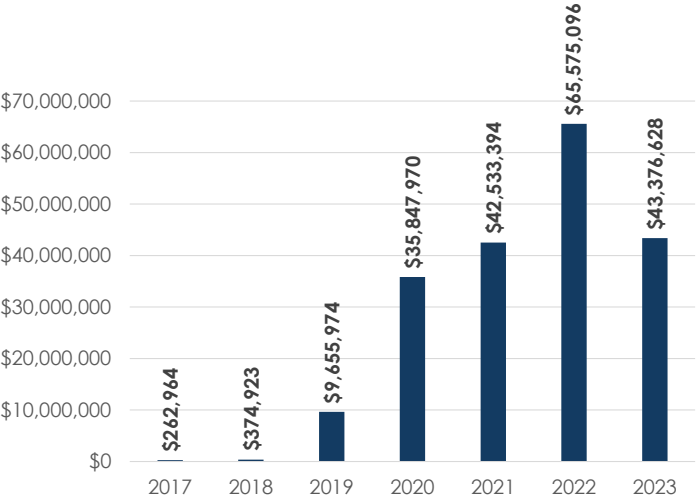




Peru

- Nevada’s trade with Peru reached a total of \$43.3 million in 2023 with an average trade yield of \$ 28.2 million between 2017 and 2023.
- Nevada’s primary export commodity to Peru was dairy products, which demonstrated significant fluctuations in value over the four years, peaking at \$65.4 million in 2022 before declining to \$43.3 million in 2023. This indicates potential shifts in demand or market dynamics.
- The export categories of “Oil seed;” “Fats, animal, vegetables;” “Residues, wastes;” showed marginal values compared to “Dairy products;” indicating a significant concentration of Nevada’s exports to Peru within the dairy sector.<sup>24</sup>

Figure 41: Nevada’s total agriculture exports to Peru



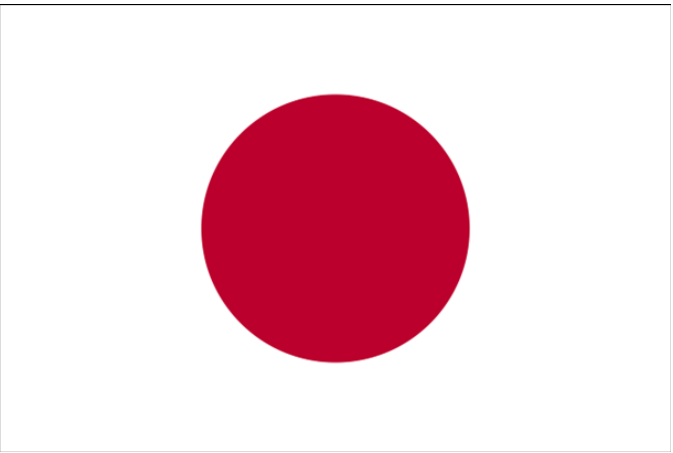
Source: Euromonitor International, 2023

Figure 42: Nevada’s top 5 export commodities to Mexico

Top 5 Export Commodities	2017	2018	2019	2020	2021	2022	2023
Dairy products	\$229,712	\$273,027	\$9,571,201	\$35,811,032	\$42,493,961	\$65,485,096	\$43,336,183
Misc edible preps	\$29,786	\$94,953	\$65,414	\$3,397	-	-	-
Oil seed	\$3,466	-	\$11,862	\$26,746	\$28,282	\$10,000	-
Fats, animal, vegetables	-	-	-	-	-	\$48,000	-
Residues, wastes	-	\$2,878	-	-	-	\$32,000	-

Source: Euromonitor International, 2023

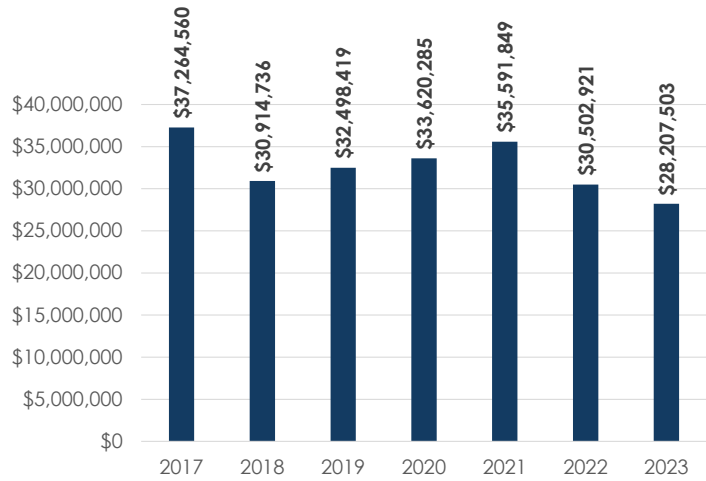
24 Euromonitor International (2023)



Japan

- Nevada’s trade with Japan reached a total of \$28.2 million in 2023 with an average trade yield of \$32.6 million between 2017 and 2023.
- Nevada’s top export commodity to Japan, was “Coffee, tea, spices;” which maintained a relatively stable value over the four years, ranging from \$26.5 million in 2017 to \$23.8 million in 2023.
- “Misc edible preps;” also represented a significant export from Nevada to Japan, although its value experienced fluctuations. It peaked at \$6.8 million in 2017 and declined to \$2.5 million in 2023.<sup>25</sup>

Figure 43: Nevada’s total agriculture exports to Japan



Source: Euromonitor International, 2023

Figure 44: Nevada’s top 5 export commodities to Japan

Top 5 Export Commodities	2017	2018	2019	2020	2021	2022	2023
Coffee, tea, spices	\$26,568,426	\$22,137,538	\$23,198,417	\$23,834,063	\$26,158,063	\$22,047,282	\$23,832,724
Misc edible preps	\$6,885,689	\$5,650,191	\$5,591,791	\$3,387,294	\$4,199,726	\$4,106,010	\$2,562,886
Oil seed	\$2,634,867	\$2,785,663	\$3,259,598	\$5,257,066	\$4,467,325	\$2,907,319	\$1,281,950
Residues, wastes	\$441,861	-	-	\$678,776	-	\$378,582	\$150,796
Beverages, vinegar	\$83,021	\$47,498	\$126,018	\$311,323	\$404,766	\$842,280	\$2,870

Source: Euromonitor International, 2023

25 Euromonitor International (2023)





# OVERVIEW OF NEVADA'S FOOD AND AGRICULTURE ECONOMY BY COUNTY

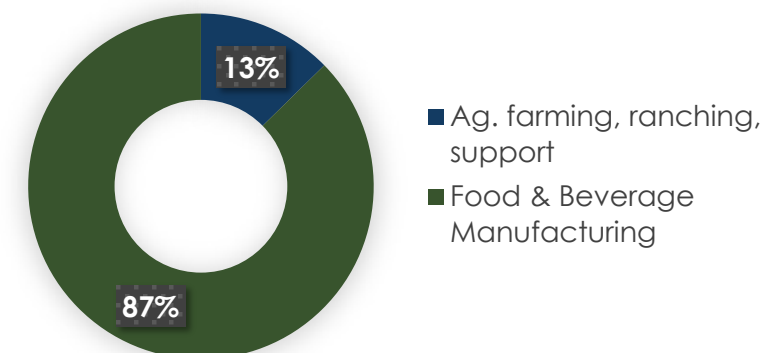


## FOOD AND AGRICULTURE AT A GLANCE CARSON CITY

Economic output of the food and agriculture sector in Carson City:

- Carson City had an economic output of **\$178.1 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$22.5 million dollars
  - » Food and beverage manufacturing: \$155.6 million dollars
- In total, the food and agriculture sector represent **3%** of Carson City's total economic output of \$7 billion.

**FIGURE 45: CARSON CITY FOOD & AGRICULTURE SECTOR  
ECONOMIC OUTPUT IN 2022**



*Source: Implan Group, LLC. (2022)*

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

For question or additional data, please email [cschulz@agri.nv.gov](mailto:cschulz@agri.nv.gov).



Carson City’s agricultural sector is diverse, though predominantly composed of small-scale farms. Food and beverage manufacturing is a significant economic driver, significantly contributing to employment and output. Industry demonstrates considerable economic impact through direct, indirect, and induced effects. Livestock and crop production are essential components, despite some detailed data on crops being withheld for privacy reasons. Overall, the combined output of the agricultural and food manufacturing sectors plays a critical role in the local economy, with substantial contributions to income and tax revenues.

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 44.22
- Total employment in food & beverage manufacturing: 407.63
- Combined total employment in food and agriculture: 451.85
- Average compensation per wage and salary employee in agriculture: \$31,092.36
- Average salary per hour in agriculture: \$14.95
- Average proprietor income per proprietor in agriculture: \$2,547.21

Agriculture Farm Data

In 2022, Carson City’s agricultural sector consisted of 23 farms, with 61% generating less than \$2,500 annually, 17% generating between \$5,000 and \$9,999, 13% generating between \$25,000 and \$49,999, and 9% generating \$100,000 or more. Livestock and poultry production included four farms with 425 cattle and calves, three farms with 81 sheep and lambs, and three with 30 layers (chickens). Crop production featured 3 acres of floriculture and bedding crops and 1 acre of nursery stock crops, with additional data withheld to maintain privacy for individual operations.<sup>26 27</sup>

Figure 48: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	23	+35%
Land in farms (acres)	1,591	+65%
Average size of farm (acres)	69	+22%

Source: USDA, NASS (2022)

Figure 49: Carson City livestock and poultry production in 2022

Broilers and other meat-type chickens	--
Cattle and calves	425
Goats	72
Hogs and pigs	--
Horses and ponies	38
Layers	30
Pullets	--
Sheep and lambs	81
Turkeys	--

Source: USDA, NASS (2022)

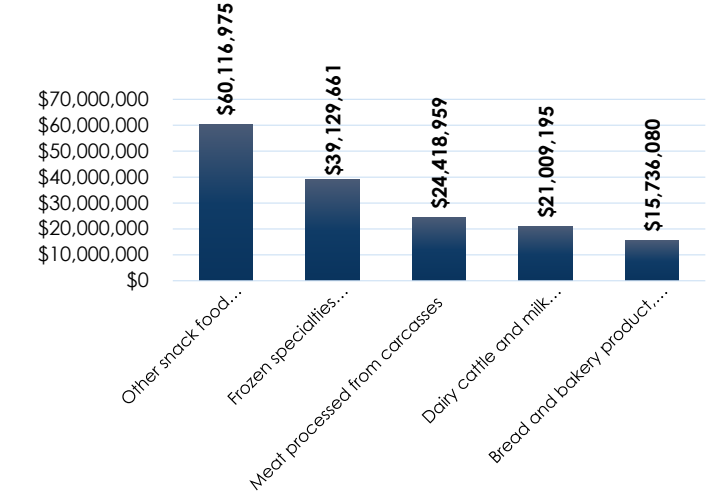
Figure 50: Carson City top crop production in 2022 by acres

Industry	Acres of production
Forage (hay/haylage), all	(D)
Floriculture/bedding crops	3
Cut flowers/greens	(D)
Bedding/annuals/perennials	(D)
Nursery stock crops	1

Source: USDA, NASS (2022)

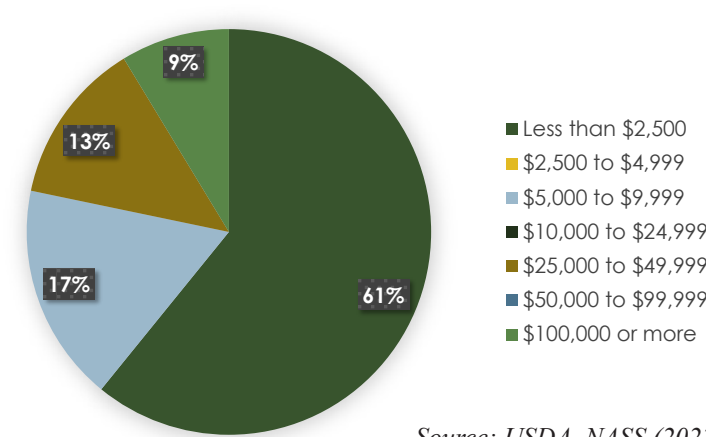
26 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
27 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. As an example, Carson City County ranks 4th in the state for milk from cows, but due to quantity of operations, numbers are not reported in the 2022 USDA Census to maintain proprietary information. Other categories also affected by this are represented with a “(D).”

Figure 46: Carson City top 5 commodities



Source: IMPLAN Group, LLC (2022)

Figure 47: Number of farms by value of annual sales



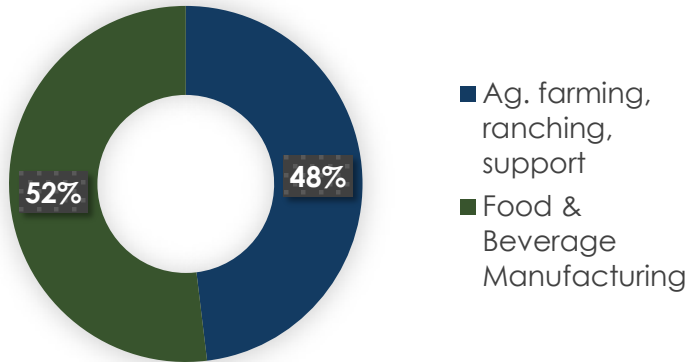
Source: USDA, NASS (2022)



Economic output of the food and agriculture sector in Churchill County:

- Churchill County had an economic output of **\$347.3 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$167 million dollars
  - » Food and beverage manufacturing: \$180.3 million dollars
- In total, the food and agriculture sector represent **12%** of Churchill County's total economic output of \$3 billion.

FIGURE 51: CHURCHILL COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

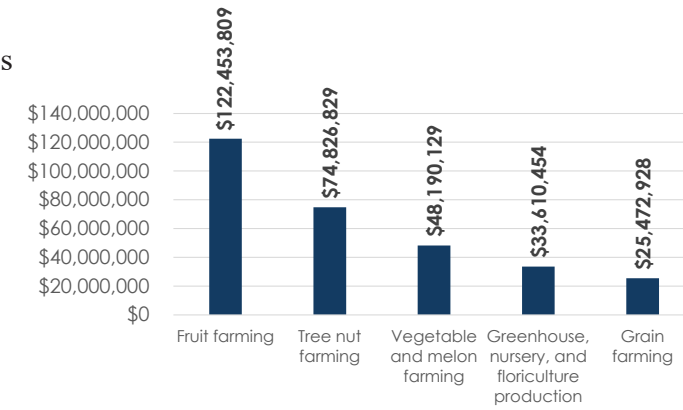


Churchill County’s food and agriculture sector is diverse, encompassing small—and large-scale farming operations. The sector supports substantial employment and contributes significantly to the county’s economic output. With a mix of livestock, poultry, and crop production, the county’s agricultural landscape is varied and vital to its economy.<sup>28</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 677.76
- Total employment in food & beverage manufacturing: 192.96
- Combined total employment in food and agriculture: 870.72
- Average compensation per wage and salary employee in agriculture: \$84,514.42
- Average salary per hour in agriculture: \$40.63
- Average proprietor income per proprietor in agriculture: \$25,754.80

Figure 52: Churchill County top 5 commodities in 2022

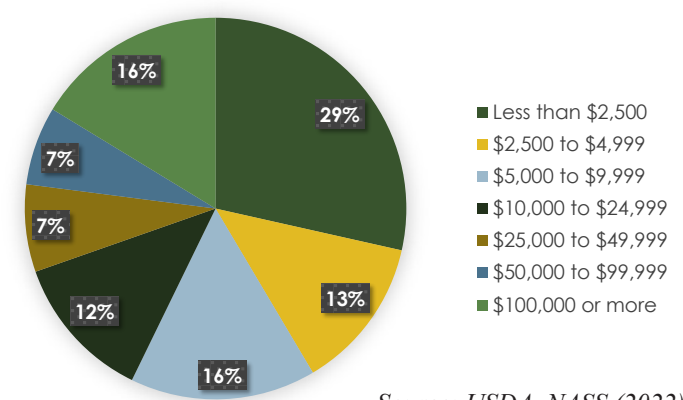


Source: IMPLAN Group, LLC (2022)

Agriculture Farm Data

In 2022, Churchill County’s agricultural sector consisted of 540 farms, with 29% generating less than \$2,500 annually, 13% generating \$2,500 to \$4,999, 16% generating between \$5,000 and \$9,999, 12% generating \$10,000 to \$24,999, 7% generating between \$25,000 and \$49,999 and \$50,000 to \$99,999, and 16% generating \$100,000 or more. Livestock and poultry production included 4 farms with 61,993 cattle and calves, 28 farms with 717 sheep and lambs, and 84 with 1,618 layers (chickens).<sup>29</sup> Crop production agricultural activity consisted of 18 farms producing 189,800 bushels of corn for grain and 36 farms yielding 91,199 tons of corn for silage or greenchop. Additionally, 287 farms utilized land forage, producing 117,303 dry tons of hay, haylage, grass silage and greenchop. Churchill County also had 21 farms with 20 acres dedicated to orchards.<sup>30</sup>

Figure 53: Number of farms by value of annual sales



Source: USDA, NASS (2022)

Figure 54: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	540	+7%
Land in farms (acres)	170,124	-32%
Average size of farm (acres)	315	-36%

Source: USDA, NASS (2022)

Figure 55: Livestock and poultry production in 2022

Broilers and other meat-type chickens	(D)
Cattle and calves	61,993
Goats	7,223
Hogs and pigs	(D)
Horses and ponies	1,413
Layers	1,618
Pullets	21
Sheep and lambs	717
Turkeys	(D)

Source: USDA, NASS (2022)

Figure 56: Top crop production in 2022 by acres

Industry	Production
Corn for grain	189,800 bushels
Corn for silage or greenchop	91,199 tons
Forage - land used for all hay and haylage, grass silage, and greenchop	117,303 tons, dry

Source: USDA, NASS (2022)

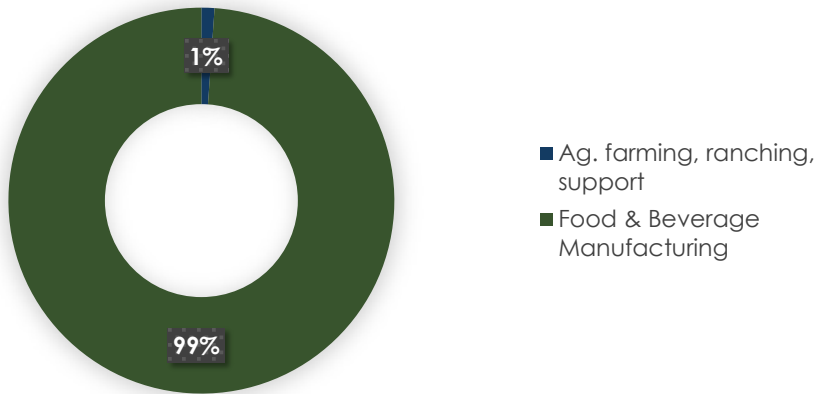
28 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
29 The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. As an example, Churchill County ranks 1st in the state for Milk from cows and Sheep, goats, wool, mohair, milk, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Others also affected by this are represented with (D).  
30 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
24 agri.nv.gov



Economic output of the food and agriculture sector in Clark County:

- Clark County had an economic output of **\$3 billion** in 2022.
  - » Agriculture (ranching, farming and support\*): **\$32.5 million** dollars
  - » Food and beverage manufacturing: **\$2.9 billion** dollars
- In total, the food and agriculture sector represent **1%** of Clark County's total economic output of \$265 billion.

FIGURE 57: CLARK COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.  
For question or additional data, please email cschulz@agri.nv.gov.



Clark County’s food and agriculture sectors generated a total output of \$2.9 billion. This figure includes \$32.5 million from agriculture (farming, ranching, and support) and \$29 billion from food and beverage manufacturing. Agriculture accounts for 1% of the total, with food and beverage manufacturing accounting for 99%. Overall, the food and agriculture sectors contribute 1% of Clark County’s total economic output, which is \$265 billion.<sup>31</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 262.36
- Total employment in food & beverage manufacturing: 8,066.67
- Combined total employment in food and agriculture: 8,329.03
- Average compensation per wage and salary employee in agriculture: \$42,106.99
- Average salary per hour in agriculture: \$20.24
- Average proprietor income per proprietor in agriculture: \$24,562.98

Agriculture Farm Data

In 2022, Clark County had 164 farms categorized by sales value. A significant portion of these farms (44%) made less than \$2,500 in sales. Farms with sales of \$2,500 to \$4,999 accounted for 8%, while 17% earned between \$5,000 and \$9,999. Farms with higher sales were less common: 11% earned between \$10,000 and \$24,999, 9% between \$25,000 and \$49,999, 6% between \$50,000 and \$99,999, and only 5% made more than \$100,000. The county’s livestock and poultry production included 56 farms with 2,532 cattle and calves, 6 farms with 695 sheep and lambs, and 29 farms with 920 layers. Crop production was divided into 31 farms for forage, 24 for vegetables, 1 for potatoes, 6 for sweet potatoes (covering 1 acre), and 18 for orchards.<sup>32 33</sup>

Figure 60: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	164	-8%
Land in farms (acres)	(D)	(D)
Average size of farm (acres)	(D)	(D)

Source: USDA, NASS (2022)

Figure 61: Livestock and poultry production in 2022

Broilers and other meat-type chickens	--
Cattle and calves	2,532
Goats	548
Hogs and pigs	(D)
Horses and ponies	1,049
Layers	920
Pullets	(D)
Sheep and lambs	695
Turkeys	(D)

Source: USDA, NASS (2022)

Figure 62: Top crop production in 2022 by acres

Industry	Production
Forage - land used for all hay and haylage, grass silage, and greenchop	(D)
Vegetables harvested for sale	(D)
Potatoes	(D)
Sweet Potatoes	1 acres
Land in orchards	49 acres

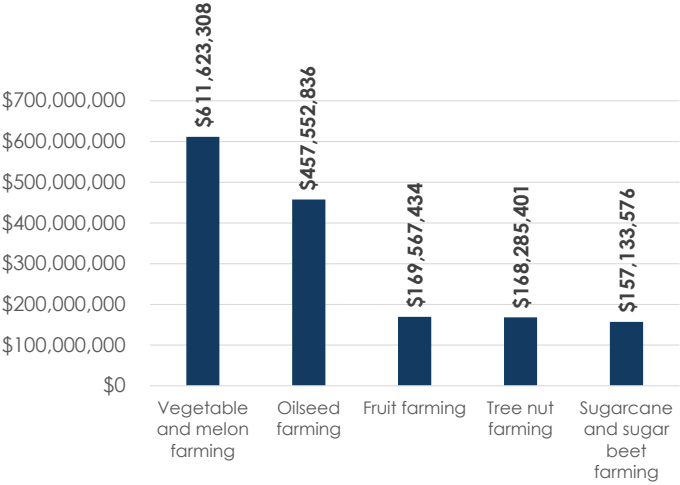
Source: USDA, NASS (2022)

31 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.

32 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights

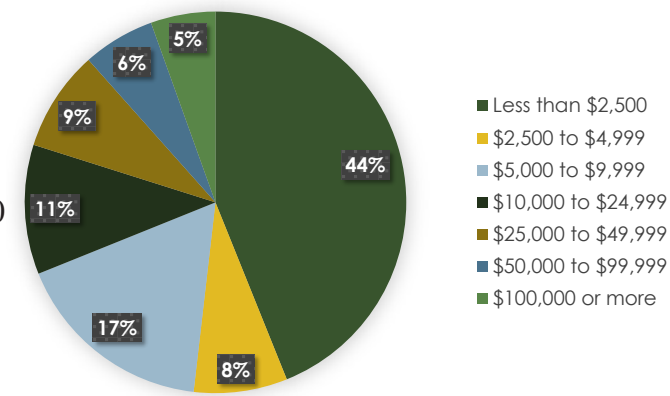
33 The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Clark County ranks 1st in the state for hogs and pigs, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Others also affected by this are represented with (D).

Figure 58: Clark County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 59: Number of farms by value of annual sales



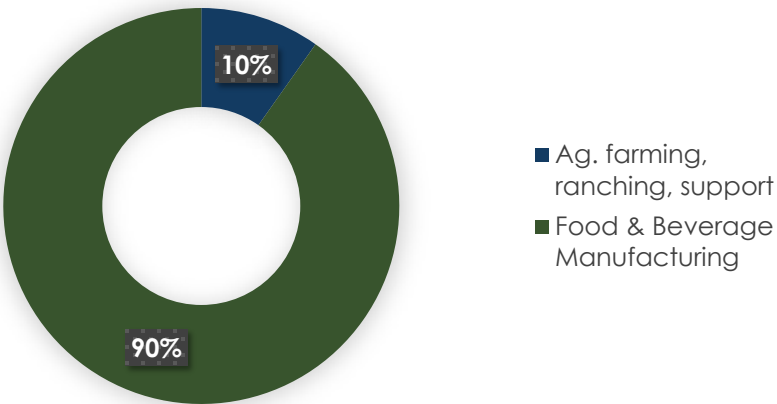
Source: USDA, NASS (2022)



Economic output of the food and agriculture sector in Douglas County:

- Douglas County had an economic output of **\$286 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$28 million dollars
  - » Food and beverage manufacturing: \$258 million dollars
- In total, the food and agriculture sector represent **5%** of Douglas County's total economic output of \$6 billion.

FIGURE 63: DOUGLAS COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.



In Douglas County the agriculture sector, which includes farming, ranching, and support activities, contributes \$28 million to the economy, while the food and beverage manufacturing sector generates \$258 million. Together, these sectors produce a combined total output of \$286 million, with agriculture accounting for 10% and food and beverage manufacturing representing 90% of this total. Overall, the food and agriculture sectors collectively contribute 5% to the county’s total economic output of \$6 billion.<sup>34</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 319.58
- Total employment in food & beverage manufacturing: 495.43
- Combined total employment in food and agriculture: 815.01
- Average compensation per wage and salary employee in agriculture: \$64,807.58
- Average salary per hour in agriculture: \$31.16
- Average proprietor income in agriculture: \$24,357.18

Agriculture Farm Data

In Douglas County most farms have relatively low sales, with 30% earning less than \$2,500 annually and 63% generating less than \$10,000. Only 15% of farms report sales of \$100,000 or more. The county has a total of 246 farms. Livestock and poultry production is a significant part of the agricultural landscape, with 92 farms raising 13,072 cattle and calves and 67 farms focused on beef cows with 8,952 animals. Sheep and lambs are raised on 35 farms, while poultry production includes 1,096 layers across 46 farms.<sup>35</sup> Crop production is more limited, with only a few farms engaged in wheat, forage, vegetables, and orchards. Forage crops dominate, being harvested on 128 farms.<sup>36</sup>

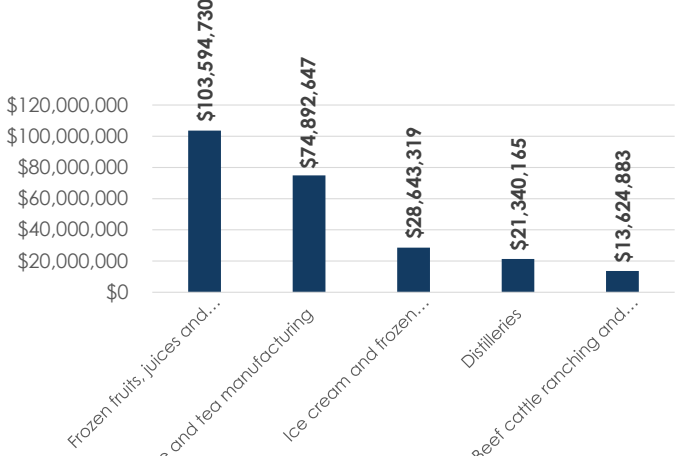
Figure 66: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	246	+3%
Land in farms (acres)	121,231	+2%
Average size of farm (acres)	493	-0%

Source: USDA, NASS (2022)

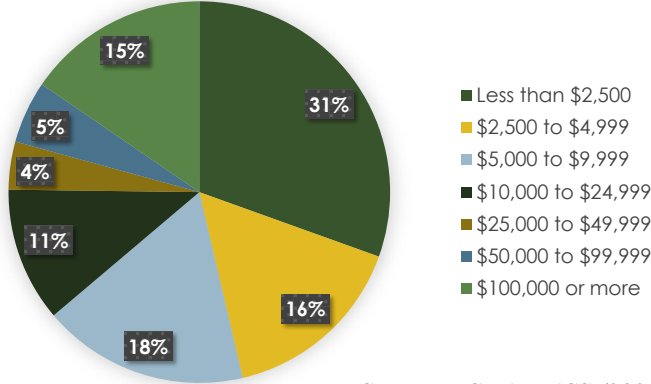
34 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
35 The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Douglas County ranks 2nd in the state for Horses, ponies, mules, burros, donkeys, but due to low quantity of operations are not reported in the 2022 USDA Census. Others also affected by this are represented with (D).  
36 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights

Figure 64: Douglas County top 5 commodities



Source: IMPLAN Group, LLC (2022)

Figure 65: Number of farms by value of annual sales



Source: USDA, NASS (2022)

Figure 67: Livestock and poultry production in 2022

Broilers and other meat-type chickens	372
Cattle and calves	13,072
Goats	104
Hogs and pigs	--
Horses and ponies	945
Layers	1,096
Pullets	--
Sheep and lambs	507
Turkeys	149

Source: USDA, NASS (2022)

Figure 68: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	18,721
Wheat for grain, all	(D)
Cultivated Christmas trees	(D)
Vegetables harvested, all	(D)
Grapes	6

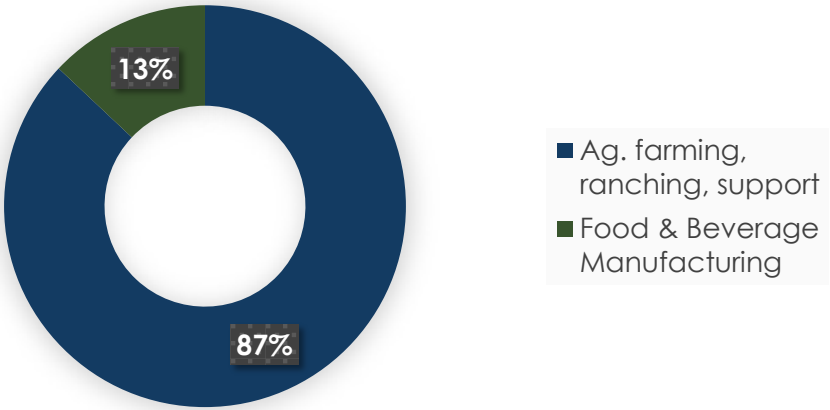
Source: USDA, NASS (2022)

# FOOD AND AGRICULTURE AT A GLANCE ELKO COUNTY

Economic output of the food and agriculture sector in Elko County:

- Elko County had an economic output of **\$174 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$151.4 million dollars
  - » Food and beverage manufacturing: \$22.6 million dollars
- In total, the food and agriculture sector represent **2%** of Elko County's total economic output of \$7 billion.

FIGURE 69: ELKO COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.  
For question or additional data, please email [cschulz@agri.nv.gov](mailto:cschulz@agri.nv.gov).



In Elko County the food and agriculture sector generates a combined total output of \$174 million, with agriculture (farming, ranching, and support activities) contributing \$151.4 million, or 87% of the total, and food and beverage manufacturing adding \$22.5 million, or 13%. This sector represents 2% of the county’s overall economic output, which amounts to \$7 billion.

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 574.58
- Total employment in food & beverage manufacturing: 85.46
- Combined total employment in food and agriculture: 660.04
- Average compensation per wage and salary employee in agriculture: \$49,551.71
- Average salary per hour in agriculture: \$23.82
- Average proprietor income in agriculture: \$33,974.29

Agriculture Farm Data

In Elko County many farms have relatively low sales, with 36% earning less than \$2,500 per year. A significant proportion, 27%, report sales of \$100,000 or more, indicating a wide range of farm sizes and outputs among the 410 total farms. Livestock production is an essential part of the county’s agriculture, with 282 farms raising 128,070 cattle and calves and 246 farms focused on beef cows with 82,082 animals.<sup>37</sup> 46 farms raise sheep and lambs for a total of 20,600 animals. Forage crops are the most widely grown crop, with 190 farms producing 166,151 tons of hay and related products. Other crop activities, such as vegetable farming and orchards, are present on a smaller scale.<sup>38</sup>

Figure 72: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	437	-17%
Land in farms (acres)	2,081,839	-5%
Average size of farm (acres)	4,764	+15%

Source: USDA, NASS (2022)

Figure 73: Livestock and poultry production in 2022

	(D)
Broilers and other meat-type chickens	
Cattle and calves	128,070
Goats	485
Hogs and pigs	104
Horses and ponies	3,034
Layers	1,245
Pullets	97
Sheep and lambs	20,600
Turkeys	86

Source: USDA, NASS (2022)

Figure 74: Top crop production in 2022 by acres

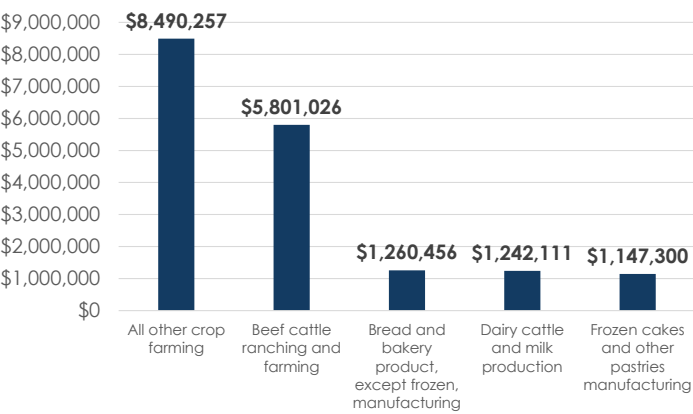
Industry	Production
Forage (hay/haylage), all	(D)
Corn for silage/greenchop	(D)
Floriculture/bedding crops	(D)
Apples	1 acres
Cut flowers/greens	49 acres

Source: USDA, NASS (2022)

37 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Elko County ranks 1st in Cattle and calves and 2nd in Hogs and pigs, 3rd in Sheep, goats, wool, mohair, milk, Horses, ponies, mules, burros, donkeys, and Aquaculture, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Others also affected by this are represented with (D).

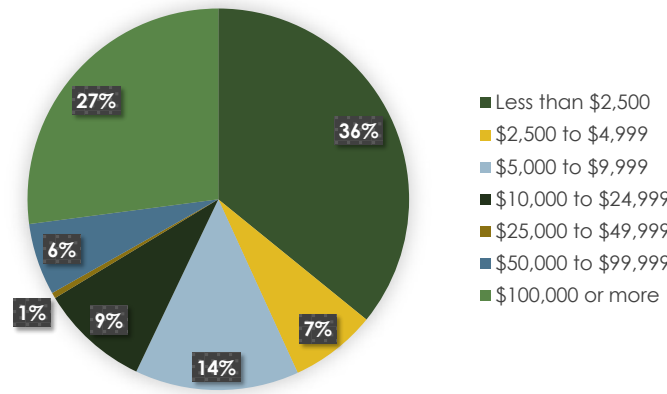
38 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights

Figure 70: Elko County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 71: Number of farms by value of annual sales



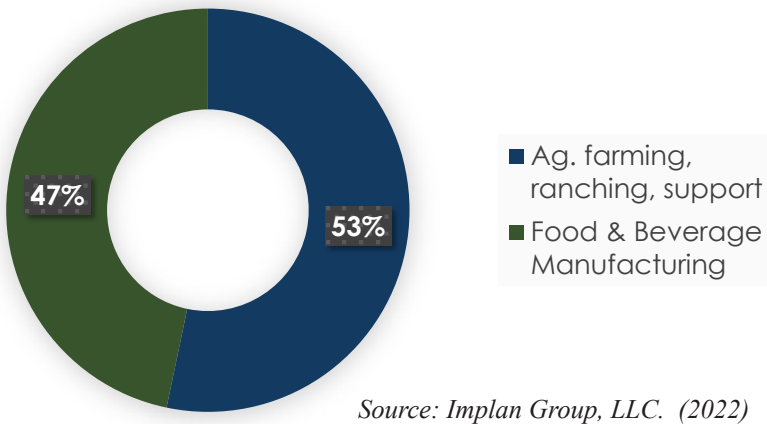
Source: USDA, NASS (2022)

# FOOD AND AGRICULTURE AT A GLANCE ESMERALDA COUNTY

Economic output of the food and agriculture sector in Esmeralda County:

- Esmeralda County had an economic output of **\$14.3 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$7.6 million dollars
  - » Food and beverage manufacturing: \$6.7 million dollars
- In total, the food and agriculture sector represent **12%** of Esmeralda County’s total economic output of \$120 million.

FIGURE 75: ESMERALDA COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.



In Esmeralda County, the food and agriculture sector generates a combined total output of \$14.2 million, with agriculture (farming, ranching, and support activities) contributing \$7.6 million, or 53% of the total, and food and beverage manufacturing adding \$6.6 million, or 47%. This sector represents 12% of the county’s overall economic output, which amounts to \$120 million.

The table shows negative income values for certain sectors, indicating financial struggles. For instance, poultry and egg production and beef cattle ranching and farming experienced a net loss in 2022.<sup>39</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 50.61
- Total employment in food & beverage manufacturing: 5.91
- Combined total employment in food and agriculture: 56.52
- Average compensation per wage and salary employee in agriculture: \$64,797.84
- Average salary per hour in agriculture: \$31.15
- Average proprietor income per proprietor in agriculture: -\$8,919.12

Agriculture Farm Data

Esmeralda County has a small agricultural sector with 20 farms. Of these, 80% generate sales of \$100,000 or more, indicating a concentration of high-value operations. Smaller-scale farms are less common, with only 10% earning less than \$2,500 and 5% between \$2,500 and \$4,999 or \$10,000 and \$24,999. Livestock production includes 7 farms raising 1,126 cattle and calves, including 977 beef cows.<sup>40</sup> Crop production is primarily focused on forage, with 13 farms producing 40,810 tons. There are also a few farms engaged in vegetable and potato farming, as well as small-scale poultry production with 38 layers reported.<sup>41</sup>

Figure 78: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	20	-17%
Land in farms (acres)	18,715	(D)
Average size of farm (acres)	936	(D)

Source: USDA, NASS (2022)

Figure 79: Livestock and poultry production in 2022

Broilers and other meat-type chickens	--
Cattle and calves	1,126
Goats	--
Hogs and pigs	--
Horses and ponies	(D)
Layers	38
Pullets	--
Sheep and lambs	--
Turkeys	--

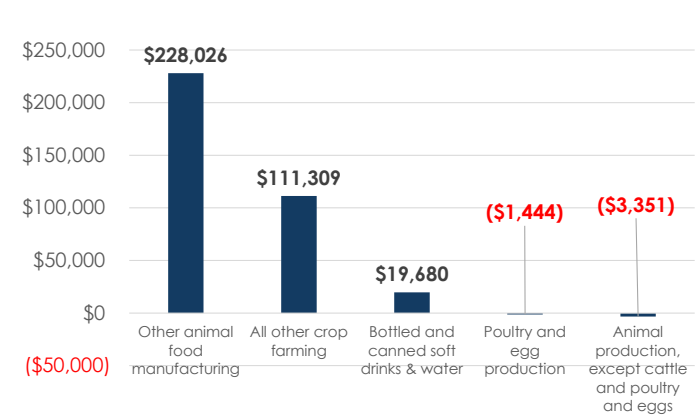
Source: USDA, NASS (2022)

Figure 80: Top crop production in 2022 acres

Industry	Production
Forage (hay/haylage), all	9,981 acres
Corn for silage/greenchop	(D)
Floriculture/bedding crops	(D)
Apples	(D)
Cut flowers/greens	(D)

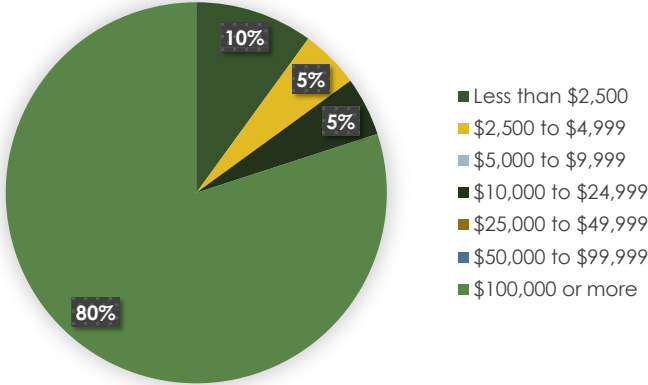
Source: USDA, NASS (2022)

Figure 76: Esmeralda County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 77: Number of farms by value of annual sales



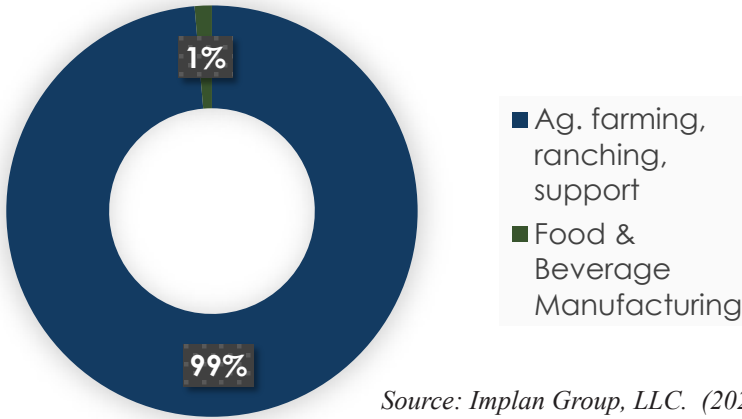
Source: USDA, NASS (2022)

# FOOD AND AGRICULTURE AT A GLANCE EUREKA COUNTY

Economic output of the food and agriculture sector in Eureka County:

- Eureka County had an economic output of **\$68.7 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$67.8 million dollars
  - » Food and beverage manufacturing: \$929,000 dollars
- In total, the food and agriculture sector represent **2%** of Eureka County's total economic output of \$3 billion.

FIGURE 81: EUREKA COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

39 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
40 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations.Categories affected by this are represented with a (D).  
41 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights.  
32 agri.nv.gov

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.  
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33



Eureka County’s economy is primarily driven by agriculture, strongly emphasizing livestock and crop production. Most farms in the county (58%) generate more than \$100,000 in sales, demonstrating the economic significance of more large-scale agricultural operations. Livestock, particularly cattle, plays a significant role, with 55 farms managing nearly 20,000 animals. Crop production, particularly forage, is also critical, with more than 151,000 tons harvested in 2022. Overall, agriculture and related industries account for nearly \$68 million of the county’s economic output in 2022, strongly emphasizing beef cattle ranching.<sup>42</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 158.09
- Total employment in food & beverage manufacturing: 3.53
- Combined total employment in food and agriculture: 161.62
- Average compensation per wage and salary employee in agriculture: \$39,252.87
- Average salary per hour in agriculture: \$18.87
- Average proprietor income per proprietor in agriculture: \$37,232.61

Agriculture Farm Data

In 2022, the agricultural landscape in Eureka County is highlighted by the majority of ranches (58%) generating \$100,000 or more in sales, emphasizing the importance of larger-scale operations. The county has 110 farms, with 14% earning less than \$2,500 and smaller percentages in the intermediate sales bracket. Livestock production is essential, particularly for cattle and calves, with 55 farms overseeing nearly 20,000 animals.<sup>43</sup> Crop production is also high, particularly forage, with 64 farms producing more than 151,000 tons. In addition, the county grows corn for silage and runs small-scale barley and orchard operations. Eureka County’s agricultural sector is thriving, with a strong focus on livestock and forage production.<sup>44</sup>

Figure 84: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	110	+28%
Land in farms (acres)	602,862	+4%
Average size of farm (acres)	5,481	-19%

Source: USDA, NASS (2022)

Figure 85: Livestock and poultry production in 2022

Broilers and other meat-type chickens	18
Cattle and calves	19,983
Goats	(D)
Hogs and pigs	21
Horses and ponies	387
Layers	185
Pullets	18
Sheep and lambs	(D)
Turkeys	--

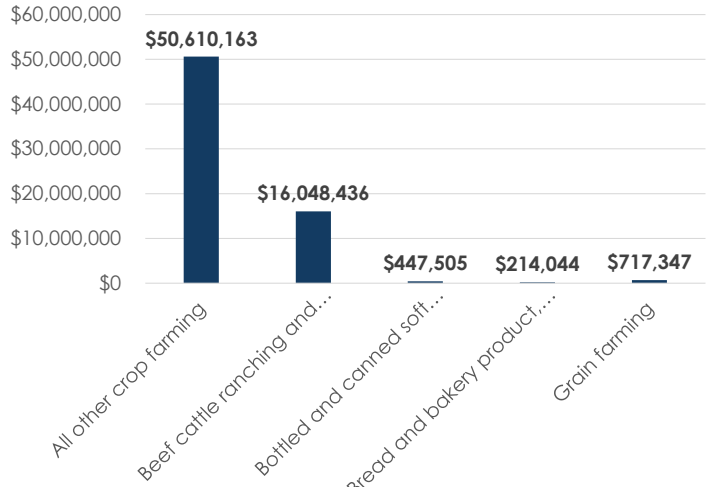
Source: USDA, NASS (2022)

Figure 86: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	36,686
Barley for grain	(D)
Corn for silage/greenchop	216
Peaches, all	2
Land in berries	2

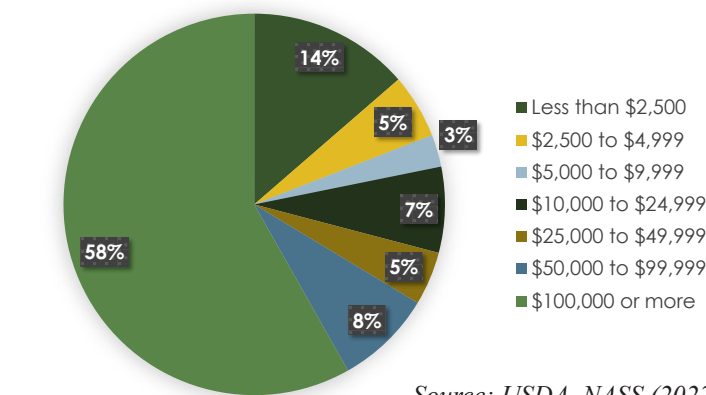
Source: USDA, NASS (2022)

Figure 82: Eureka County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 83: Number of farms by value of annual sales



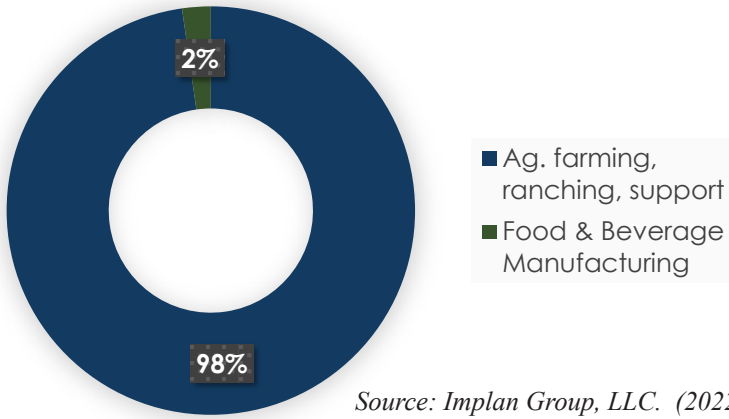
Source: USDA, NASS (2022)

# FOOD AND AGRICULTURE AT A GLANCE HUMBOLDT COUNTY

Economic output of the food and agriculture sector in Humboldt County:

- Humboldt County had an economic output of **\$200 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$195.7 million dollars
  - » Food and beverage manufacturing: \$4.5 million dollars
- In total, the food and agriculture sector represent **7%** of Humboldt County's total economic output of \$3 billion.

FIGURE 87: HUMBOLDT COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

For question or additional data, please email [cschulz@agri.nv.gov](mailto:cschulz@agri.nv.gov).

42 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
43 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Categories affected by this are represented with a (D).  
44 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights



In 2022, Humboldt County’s agricultural sector highlighted diverse farming activities, with 266 farms contributing to the economy. A significant portion of these farms (38%) made more than \$100,000 in sales, indicating the presence of large-scale operations. Smaller farms were also typical, with 35% earning less than \$2,500. The county’s livestock production was substantial, particularly in cattle and calves, with 137 farms caring for over 59,000 animals. Crop production was equally important, with forage leading the way with over 324,000 tons. The county’s total employment in agriculture, ranching and related support was 570, while the food and beverage manufacturing sector employed approximately 26 people. The total economic output of these sectors exceeded \$200 million. Humboldt County’s agricultural economy remains an essential component of the region’s overall economic output, valued at \$3 billion, with a strong emphasis on livestock and crop production.<sup>45</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 570.52
- Total employment in food & beverage manufacturing: 25.98
- Combined total employment in food and agriculture: 596.5
- Average compensation per wage and salary employee in agriculture: \$45,791
- Average salary per hour in agriculture: \$22.01
- Average proprietor income per proprietor in agriculture: -\$2,693.65

Agriculture Farm Data

Humboldt County had 266 farms in 2022, with the majority (38%) generating \$100,000 or more in revenue. Smaller-scale operations earning less than \$2,500 comprised 35% of the farms, while mid-range farms were less common. Cattle dominated the county’s livestock production, with 137 farms managing 59,243 cattle and calves, including 115 farms that raised beef cows.<sup>46</sup> The county also produced a large amount of forage, with 111 farms harvesting 324,518 tons and corn for silage or greenchop, yielding 68,038 tons. Other crops, such as wheat, barley, and potatoes, were also grown, though specific production data for some was kept confidential to protect individual farm information.<sup>47</sup>

Figure 90: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	266	-11%
Land in farms (acres)	945,924	-4%
Average size of farm (acres)	3,556	+7%

Source: USDA, NASS (2022)

Figure 91: Livestock and poultry production in 2022

Broilers and other meat-type chickens	74
Cattle and calves	59,243
Goats	575
Hogs and pigs	37
Horses and ponies	1,073
Layers	823
Pullets	26
Sheep and lambs	8,815
Turkeys	55

Source: USDA, NASS (2022)

Figure 92: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	84,238
Wheat for grain, all	5,128
Corn for silage/greenchop	2,627
Field and grass seed crops, all	(D)
Vegetables harvested, all	(D)

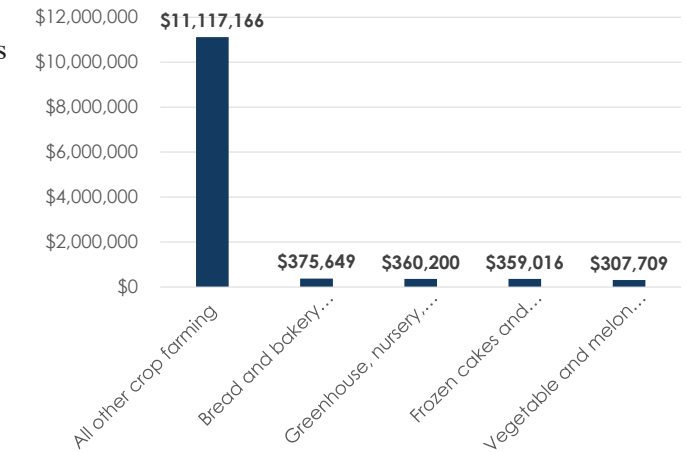
Source: USDA, NASS (2022)

45 MPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.

46 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. As an example, Humboldt County ranks 3rd in the state for Cattle and calves, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Other categories affected by this are represented with a (D).

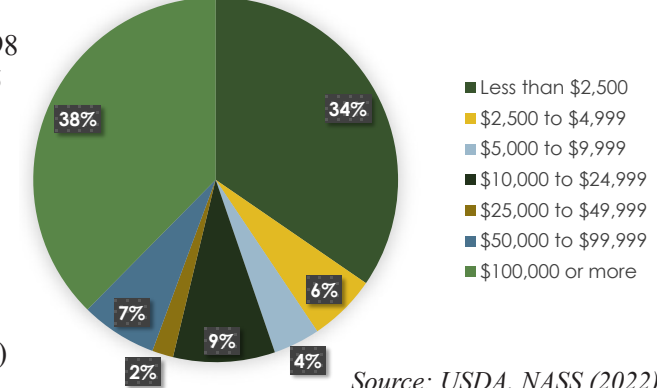
47 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights

Figure 88: Humboldt County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 89: Number of farms by value of annual sales



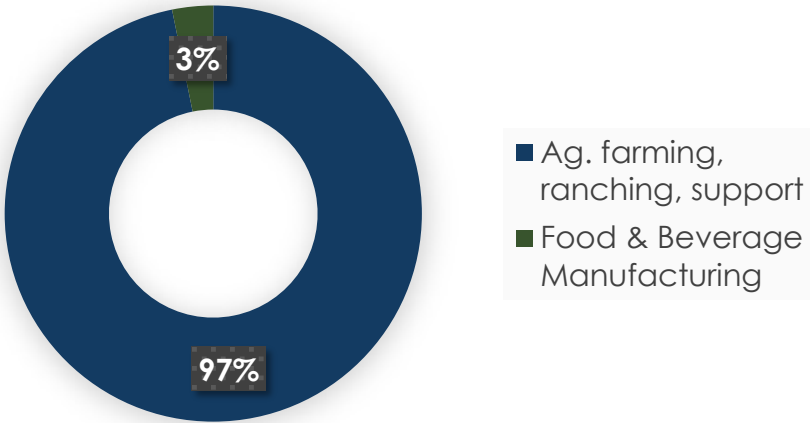
Source: USDA, NASS (2022)



Economic output of the food and agriculture sector in Lander County:

- Lander County had an economic output of **\$54.9 million** in 2022.
  - » Agriculture (ranching, farming and support\*): **\$53.2 million** dollars
  - » Food and beverage manufacturing: **\$1.7 million** dollars
- In total, the food and agriculture sector represent **3%** of Lander County's total economic output of \$2 billion.

FIGURE 93: LANDER COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.



Lander County had a diverse agricultural economy in 2022, with 87 farms, most of which generated significant revenue (51% earning \$100,000 or more). The county’s agricultural output was strong, contributing \$2 billion to the local economy, with livestock, particularly cattle, playing a significant part. The area also produced a lot of forage and various crops, though specific information on some was withheld.<sup>48</sup> Agriculture and related industries employed over 190 people, with a significant portion working in farming, ranching, and food and beverage manufacturing, contributing nearly \$55 million to the county’s economy.<sup>49</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 182.01
- Total employment in food & beverage manufacturing: 8.92
- Combined total employment in food and agriculture: 190.3
- Average compensation per wage and salary employee in agriculture: \$35,177.30
- Average salary per hour in agriculture: \$16.91
- Average proprietor income per proprietor in agriculture: \$126,071.90

Agriculture Farm Data

In 2022, Lander County had 87 farms, with a significant concentration of them generating substantial revenue; 51% of the farms earned \$100,000 or more in sales. A diverse range of agricultural activities occurred, with 43 farms raising 16,023 cattle and 47 producing 165,033 tons of forage. Smaller-scale farming was also present, with 30% of farms earning less than \$2,500 in sales. Additionally, the county’s crop production included various products such as vegetables and potatoes, though specific data for some crops were withheld.<sup>50</sup>

Figure 96: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	87	-26%
Land in farms (acres)	374,113	+14%
Average size of farm (acres)	4,300	+53%

Source: USDA, NASS (2022)

Figure 97: Livestock and poultry production in 2022

Broilers and other meat-type chickens	--
Cattle and calves	16,023
Goats	271
Hogs and pigs	--
Horses and ponies	487
Layers	99
Pullets	--
Sheep and lambs	(D)
Turkeys	(D)

Source: USDA, NASS (2022)

Figure 98: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	36,579
Corn for silage/greenchop	(D)
Wheat for grain, all	(D)
Vegetables harvested, all	4
Garlic	(D)

Source: USDA, NASS (2022)

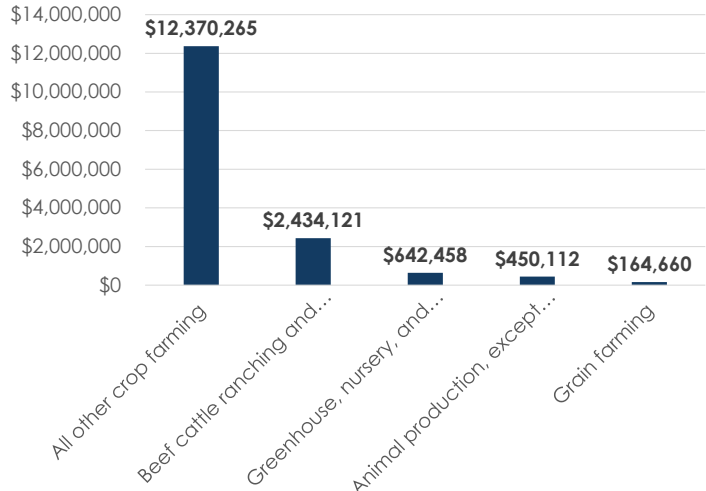
48 Note: The USDA NASS Census may underrepresent production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Categories affected by this are represented with a (D).

49 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.

50 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights

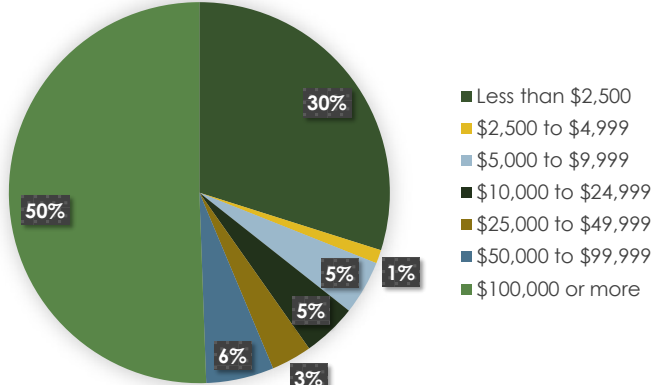
38 agri.nv.gov

Figure 94: Lander County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 95: Number of farms by value of annual sales



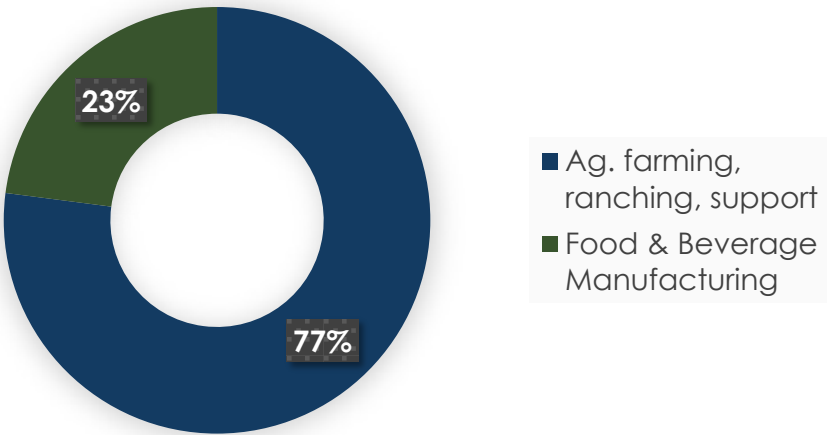
Source: USDA, NASS (2022)

# FOOD AND AGRICULTURE AT A GLANCE LINCOLN COUNTY

Economic output of the food and agriculture sector in Lincoln County:

- Lincoln County had an economic output of **\$49.6 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$38.2 million dollars
  - » Food and beverage manufacturing: \$11.4 million dollars
- In total, the food and agriculture sector represent **14%** of Lincoln County's total economic output of \$364 million.

FIGURE 99: LINCOLN COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

For question or additional data, please email cschulz@agri.nv.gov.



In 2022, Lincoln County consisted of 111 farms operating in various agricultural activities. Approximately 25% of these farms made \$100,000 or more in sales, while 26% earned less than \$2,500. The county’s agricultural sector generated \$49.5 million in output, significantly contributing to the local economy. Cattle farming was the most prominent, involving 64 farms and over 14,000 cattle. Crop production included 63,671 tons of forage and other crops, though specific information on some crops was withheld. The agricultural sector employed 117.49 people, with food and beverage manufacturing contributing 23% of total output.<sup>51</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 99.42
- Total employment in food & beverage manufacturing: 18.07
- Combined total employment in food and agriculture: 117.49
- Average compensation per wage and salary employee in agriculture: \$70,932.48
- Average salary per hour in agriculture: \$34.10
- Average proprietor income per proprietor in agriculture: \$42,641.20

Agriculture Farm Data

Farm operations in Lincoln County exhibit a diverse economic landscape, with 26% generating less than \$2,500 in sales and 25% reporting sales of \$100,000 or more, indicating a mix of small-scale and highly profitable farming activities. In 2022, cattle dominated livestock production, with 64 farms managing over 14,000 cattle and calves, while poultry production was relatively modest, with 19 farms housing 259 layers. Crop production was primarily focused on forage, with 54 farms producing 63,671 tons of hay and silage, as well as smaller-scale output of corn, wheat, vegetables, potatoes, and orchards; however, specific data for some crops are withheld to protect individual farm privacy.<sup>52 53</sup>

Figure 102: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	111	-33%
Land in farms (acres)	39,136	-41%
Average size of farm (acres)	353	-12%

Source: USDA, NASS (2022)

Figure 103: Livestock and poultry production in 2022

Broilers and other meat-type chickens	(D)
Cattle and calves	14,031
Goats	(D)
Hogs and pigs	(D)
Horses and ponies	229
Layers	259
Pullets	(D)
Sheep and lambs	(D)
Turkeys	(D)

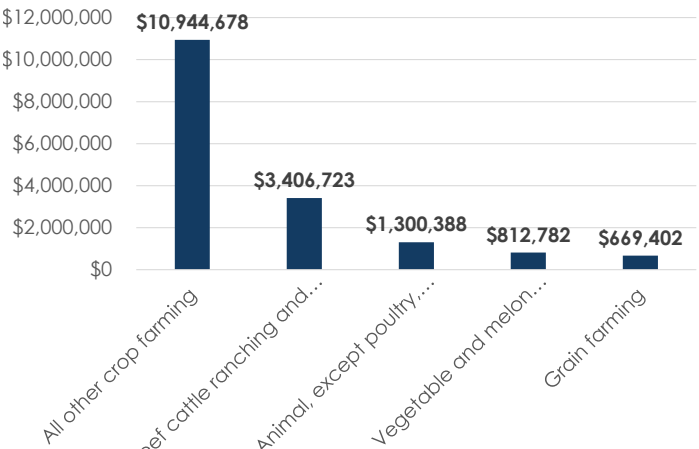
Source: USDA, NASS (2022)

Figure 104: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	14,449
Vegetables harvested, all	(D)
Potatoes	(D)
Corn for grain	(D)
Wheat for grain, all	(D)

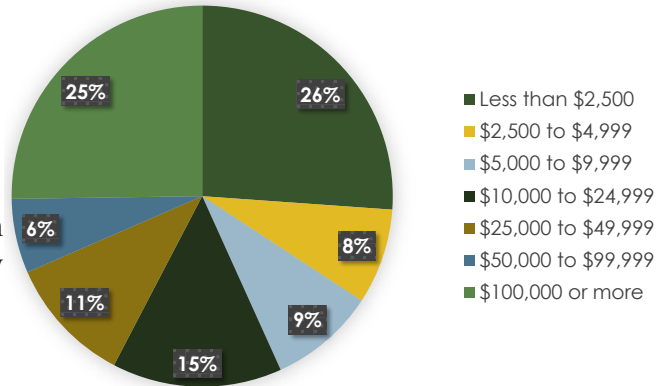
Source: USDA, NASS (2022)

Figure 100: Lincoln County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 101: Number of farms by value of annual sales



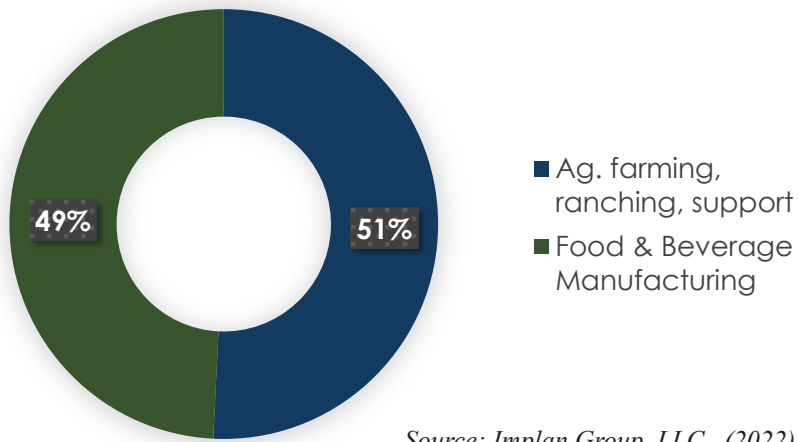
Source: USDA, NASS (2022)



Economic output of the food and agriculture sector in Lyon County:

- Lyon County had an economic output of **\$282.7 million** in 2022.
  - » Agriculture (ranching, farming and support\*): **\$143.6 million** dollars
  - » Food and beverage manufacturing: **\$139.1 million** dollars
- In total, the food and agriculture sector represent **7%** of Lyon County's total economic output of \$4 million.

FIGURE 105: LYON COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

51 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.

52 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights

53 Note: The USDA NASS Census may underrepresent production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Categories affected by this are represented with a (D).

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.



Many farm values and significant livestock and crop production highlight Lyon County’s agricultural landscape. Of the 280 farms, 33% generate less than \$2,500 in sales, while 23% exceed \$100,000. Mid-range sales brackets include farms earning \$5,000 to \$9,999 (14%) and \$10,000 to \$24,999 (11%). In 2022, cattle dominated the county’s livestock sector, with 85 farms raising 40,360 heads, including 13,249 sheep and lambs on 27 farms. Poultry production includes 54 farms with 1,283 layers. The crop sector is notable for its forage production, with 143 farms producing 128,236 tons and corn for silage grown on 2,651 acres. The county’s economy supports approximately 20,000 jobs, with agriculture and food manufacturing playing significant roles, indicating an extensive and diverse agricultural industry.<sup>54</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 689.4
- Total employment in food & beverage manufacturing: 260.12
- Combined total employment in food and agriculture: 949.52
- Average compensation per wage and salary employee in agriculture: \$65,326.34
- Average salary per hour in agriculture: \$31.41
- Average proprietor income per proprietor in agriculture: -\$10,864.16

Agriculture Farm Data

Lyon County has a diverse agricultural industry totaling 280 farms. A significant proportion, 33%, of these farms have less than \$2,500 in sales, indicating many small-scale operations. Larger farms with sales of \$100,000 or more account for 23% of the total, indicating a significant portion of higher-value agriculture. In 2022, livestock production will include 85 farms raising 40,360 cattle, 27 farms with 13,249 sheep and lambs, and 54 farms with 1,283 layers.<sup>55</sup> Crop production strongly emphasizes forage, with 143 farms producing 128,236 tons and smaller amounts of corn for hay, wheat, and other crops. Orchards cover 32 acres across 11 farms, with vegetables and potatoes grown on a smaller scale.<sup>56</sup>

Figure 108: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	280	-10%
Land in farms (acres)	186,995	+3%
Average size of farm (acres)	668	+15%

Source: USDA, NASS (2022)

Figure 109: Livestock and poultry production in 2022

Broilers and other meat-type chickens	156
Cattle and calves	40,3060
Goats	394
Hogs and pigs	(D)
Horses and ponies	637
Layers	1,283
Pullets	154
Sheep and lambs	13,249
Turkeys	44

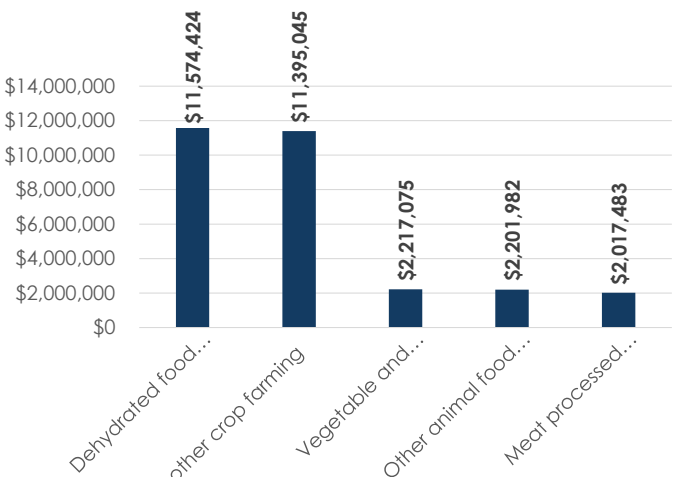
Source: USDA, NASS (2022)

Figure 110: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	36,870
Vegetables harvested, all	(D)
Onions, dry	(D)
Lettuce, all	(D)
Corn for silage/greenchop	2,651

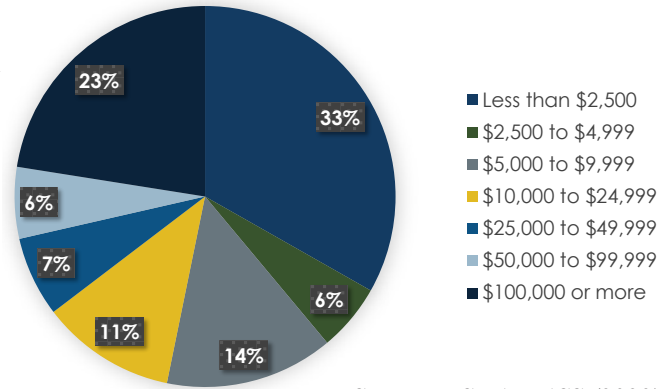
Source: USDA, NASS (2022)

Figure 106: Lyon County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 107: Number of farms by value of annual sales



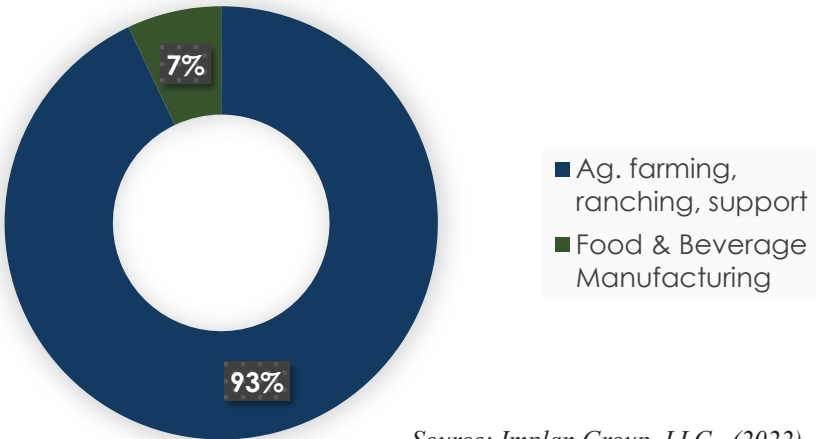
Source: USDA, NASS (2022)



Economic output of the food and agriculture sector in Mineral County:

- Mineral County had an economic output of **\$17.9 million** in 2022.
  - » Agriculture (ranching, farming and support\*): **\$16.6 million** dollars
  - » Food and beverage manufacturing: **\$1.3 million** dollars
- In total, the food and agriculture sector represent **4%** of Mineral County’s total economic output of \$414 million.

FIGURE 111: MINERAL COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

54 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
55 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. As an example, Lyon County ranks 2nd in Cattle and calves, Milk from cows, and aquaculture, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Other categories affected by this are represented with a (D).  
56 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
42 agri.nv.gov

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.  
For question or additional data, please email [cschulz@agri.nv.gov](mailto:cschulz@agri.nv.gov).  
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In 2022, Mineral County’s agricultural sector comprised 69 farms, with 25% generating sales between \$10,000 and \$24,999 and 16% exceeding \$100,000. Livestock production was focused on cattle, with 12 farms raising 1,820 cattle and calves and 984 beef cows. Crop production was modest, with 54 farms producing 12,867 tons of forage and 15 acres of orchards. The county’s agricultural and food production sectors employed 78 people, contributing significantly to the local economy with an output of \$17.9 million, dominated by farming, ranching and support activities.<sup>57</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 73.77
- Total employment in food & beverage manufacturing: 4.57
- Combined total employment in food and agriculture: 78.34
- Average compensation per wage and salary employee in agriculture: \$89,017.82
- Average salary per hour in agriculture: \$42.80
- Average proprietor income per proprietor in agriculture: \$54,947.97

Agriculture Farm Data

Mineral County’s agricultural landscape shows a diverse range of farm values. Of the 69 farms, 25% have \$10,000 to \$24,999 sales, while 17% have less than \$2,500. The livestock industry is small, with 12 farms raising 1,820 cattle and calves and 5 farms producing 350 sheep and lambs.<sup>58</sup> Crop production is higher, with 54 farms producing 12,867 tons of forage. Additionally, three farms manage 15 acres of orchards.<sup>59 60</sup>

Figure 114: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	69	+17%
Land in farms (acres)	(D)	(D)
Average size of farm (acres)	(D)	(D)

Source: USDA, NASS (2022)

Figure 115: Livestock and poultry production in 2022

Broilers and other meat-type chickens	--
Cattle and calves	1,820
Goats	--
Hogs and pigs	--
Horses and ponies	122
Layers	(D)
Pullets	--
Sheep and lambs	350
Turkeys	--

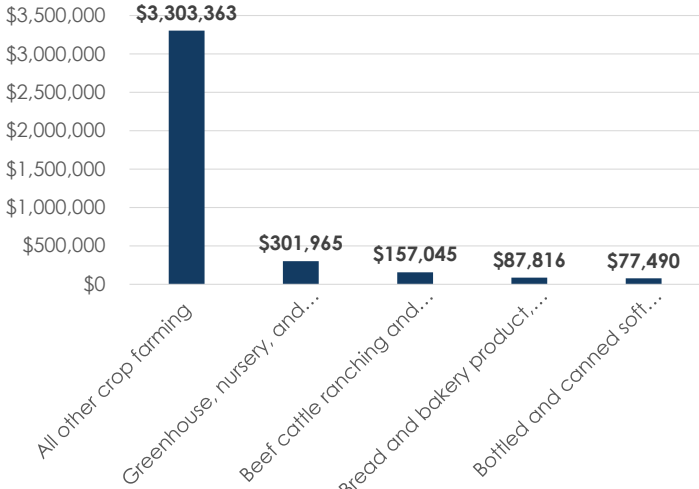
Source: USDA, NASS (2022)

Figure 116: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	2,441
Grapes	15
Nursery stock crops	9

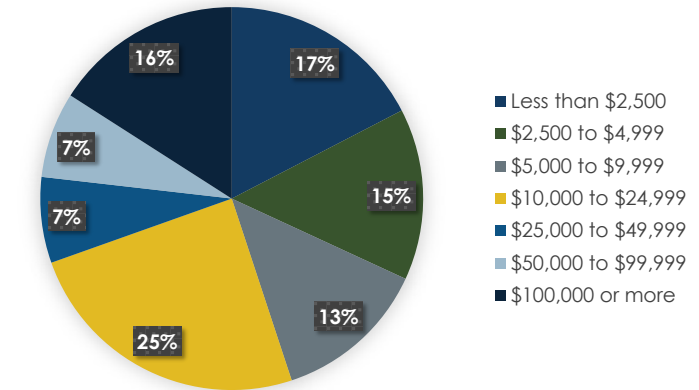
Source: USDA, NASS (2022)

Figure 112: Mineral County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 113: Number of farms by value of annual sales



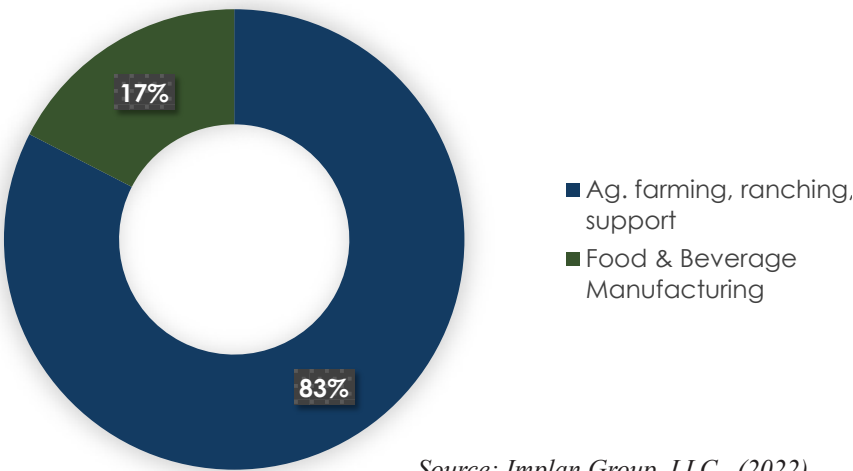
Source: USDA, NASS (2022)



Economic output of the food and agriculture sector in Nye County:

- Nye County had an economic output of **\$77.8 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$64.2 million dollars
  - » Food and beverage manufacturing: \$13.6 million dollars
- In total, the food and agriculture sector represent **2%** of Nye County's total economic output of \$4 billion.

FIGURE 117: NYE COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

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57 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
58 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations.  
59 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
60 Note: Orchards are land used for growing permanent fruit and nut trees and may also include other perennial crops.



In 2022, Nye County had 173 farms, 40% of which earned less than \$2,500 in sales. Farms with higher sales (50,000 to \$100,000 or more) accounted for 13% of the total. Livestock production included 58 farms with 23,989 cattle and calves and smaller operations for hogs, sheep, and poultry. Crop production was high, with 46 farms producing 57,434 tons of forage, 9 farms harvesting 6 acres of vegetables, and 17 farms managing 135 acres of orchard land. Agriculture and related industries significantly contributed to the local economy, supporting 220 jobs and producing more than \$77 million in output.<sup>61</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 165.93
- Total employment in food & beverage manufacturing: 54.44
- Combined total employment in food and agriculture: 220.37
- Average compensation per wage and salary employee in agriculture: \$51,652.05
- Average salary per hour in agriculture: \$24.83
- Average proprietor income per proprietor in agriculture: \$271,680.98

Agriculture Farm Data

In 2022, Nye County had 173 farms with varying sales values. The majority of farms (40%) had sales of less than \$2,500, with 13% falling into the higher sales brackets of \$50,000 to \$99,999 and \$100,000 or more. The county’s livestock production included 58 farms with 23,989 cattle and calves, 34 farms with 4,934 laying hens, and smaller operations with hogs, pigs, and sheep.<sup>62</sup> Crop production included 46 farms producing 57,434 tons of forage, 17 farms managing 135 acres of orchards, and nine farms harvesting 6 acres of vegetables.<sup>63 64</sup>

Figure 120: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	173	-18%
Land in farms (acres)	49,634	-47%
Average size of farm (acres)	287	-35%

Source: USDA, NASS (2022)

Figure 121: Livestock and poultry production in 2022

Broilers and other meat-type chickens	(D)
Cattle and calves	23,989
Goats	316
Hogs and pigs	17
Horses and ponies	454
Layers	4,934
Pullets	128
Sheep and lambs	106
Turkeys	59

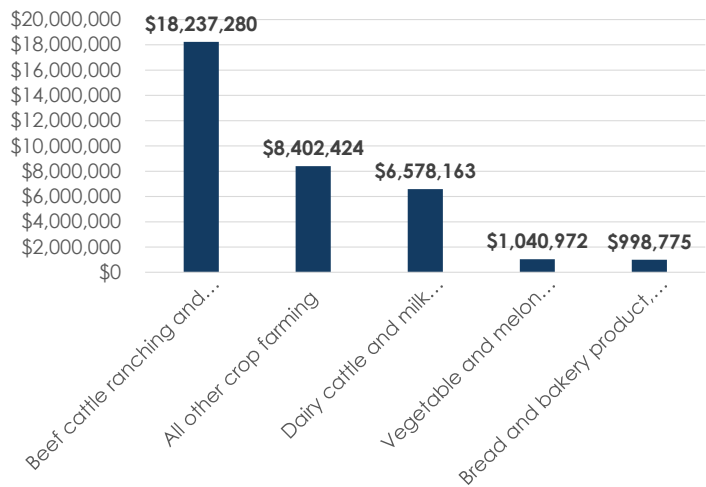
Source: USDA, NASS (2022)

Figure 122: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	12,340
Pistachios	(D)
Grapes	35
Apples	19
Hemp for floral	9

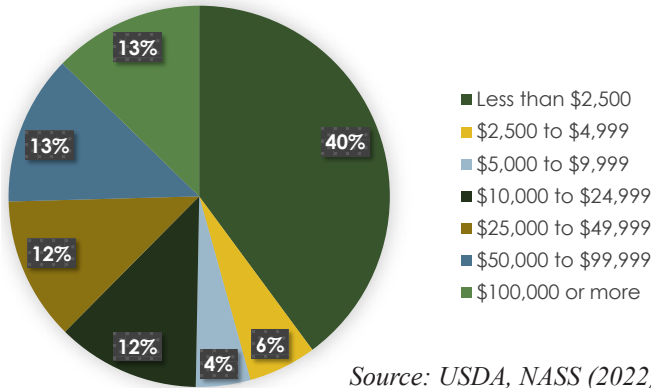
Source: USDA, NASS (2022)

Figure 118: Nye County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 119: Number of farms by value of annual sales



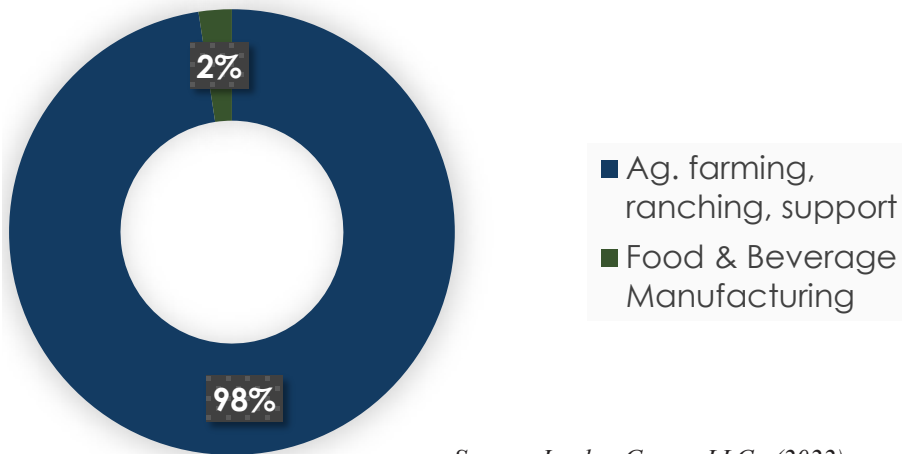
Source: USDA, NASS (2022)

# FOOD AND AGRICULTURE AT A GLANCE PERSHING COUNTY

Economic output of the food and agriculture sector in Pershing County:

- Pershing County had an economic output of **\$54.4 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$53.1 million dollars
  - » Food and beverage manufacturing: \$1.3 million dollars
- In total, the food and agriculture sector represent **7%** of Pershing County's total economic output of \$804 million.

FIGURE 123: PERSHING COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

For question or additional data, please email [cschulz@agri.nv.gov](mailto:cschulz@agri.nv.gov).

61 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
62 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. As an example, Nye County ranks 1st in the state for Poultry and eggs, and 3rd for Milk from cows, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Other categories affected by this are represented with a (D).  
63 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
64 Note: The USDA NASS census may exclude vineyards if they're below reporting threshold, part of small or specialty farms, or categorized under 'Fruits and Nuts', thereby obscuring specific data.



In 2022, Pershing County consisted of 138 farms, 35% of which earned \$100,000 or more in sales, and the remaining 28% earned less than \$2,500. The county’s agricultural industry employed 243.2 people and produced \$54.3 million in output of the overall county output of \$804 million. Livestock production included 75 farms with 23,826 cattle and 51 farms with 23,183 hogs. Forage crops were the most productive, producing 135,201 tons across 69 farms.<sup>65</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 239.2
- Total employment in food & beverage manufacturing: 4.02
- Combined total employment in food and agriculture: 243.2
- Average compensation per wage and salary employee in agriculture: \$70,226.06
- Average salary per hour in agriculture: \$33.76
- Average proprietor income per proprietor in agriculture: \$23,384.89

Agriculture Farm Data

In 2022, Pershing County had 138 farms, with 35% generating \$100,000 or more in sales. Smaller farms that earned less than \$2,500 accounted for 28% of the total. The county’s agricultural production included a wide range of livestock and crops. There were 75 farms with cattle and calves, totaling 23,826 animals, and 51 with hogs and pigs, totaling 23,183.<sup>66</sup> Forage was the county’s largest crop, with 69 farms producing 135,201 tons of hay and related products. Wheat farming comprised 1,201 acres across seven farms.<sup>67</sup> Data on other specific livestock and crop productions were withheld to protect individual farm privacy.<sup>68</sup>

Figure 126: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	138	-10%
Land in farms (acres)	293,968	-11%
Average size of farm (acres)	2,130	-1%

Source: USDA, NASS (2022)

Figure 127: Livestock and poultry production in 2022

Broilers and other meat-type chickens	--
Cattle and calves	23,826
Goats	451
Hogs and pigs	58
Horses and ponies	555
Layers	533
Pullets	75
Sheep and lambs	256
Turkeys	36

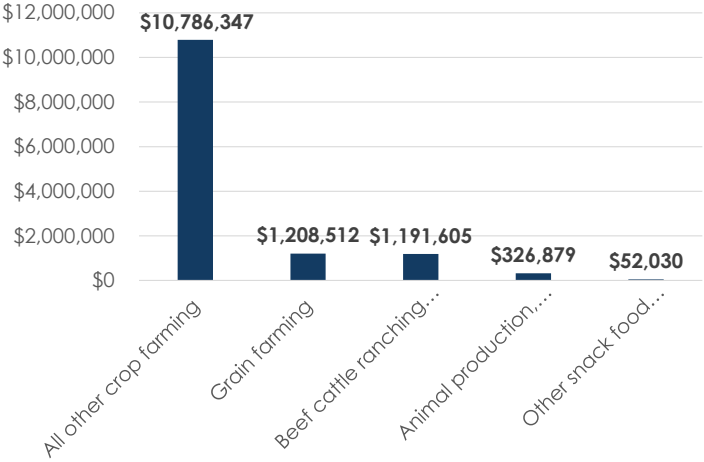
Source: USDA, NASS (2022)

Figure 128: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	39,412
Wheat for grain, all	1,201
Corn for silage/greenchop	(D)
Dry edible beans	(D)
Barley for grain	(D)

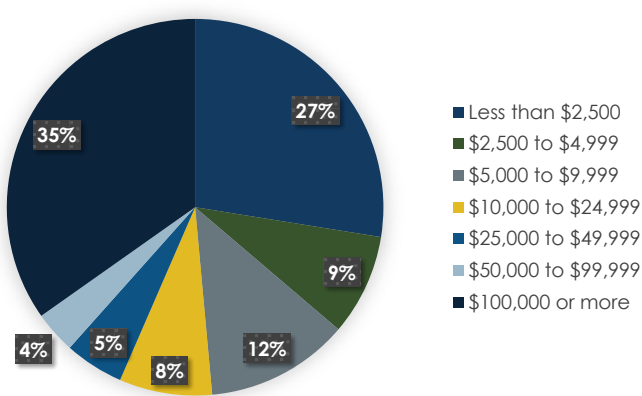
Source: USDA, NASS (2022)

Figure 124: Pershing County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 125: Number of farms by value of annual sales



Source: USDA, NASS (2022)

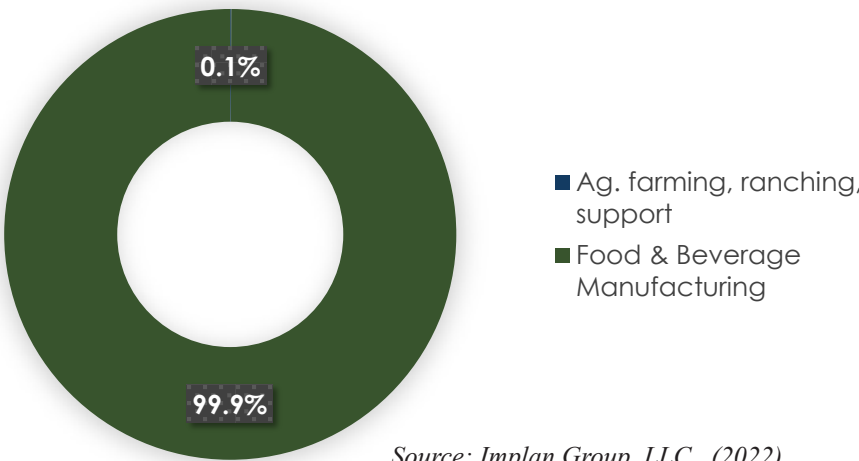


# FOOD AND AGRICULTURE AT A GLANCE STOREY COUNTY

Economic output of the food and agriculture sector in Storey County:

- Storey County had an economic output of **\$117.9 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$100,000 dollars
  - » Food and beverage manufacturing: \$117.8 million dollars
- In total, the food and agriculture sector represent **2%** of Storey County's total economic output of \$5 billion.

FIGURE 129: STOREY COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

65 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.

66 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Categories affected by this are represented with a (D).

67 Note: The USDA NASS census may exclude vineyards if they’re below reporting threshold, part of small or specialty farms, or categorized under ‘Fruits and Nuts,’ thereby obscuring specific data.

68 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.



In 2022, Storey County had 7 farms, with the majority (71%) earning between \$50,000 and \$99,999 in sales and 29% earning less than \$2,500. The county’s agricultural sector, while small, is supported by poultry production, which includes hogs, pigs, and broiler chickens, the exact numbers of which are not disclosed for proprietary confidentiality. Despite its limited agricultural activity, Storey County has a significant economic impact, with a total output of \$5 billion and 11,000 jobs, primarily driven by food and beverage manufacturing.<sup>69</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 8.47
- Total employment in food & beverage manufacturing: 166.87
- Combined total employment in food and agriculture: 175.34
- Average compensation per wage and salary employee in agriculture: \$86,373.93
- Average salary per hour in agriculture: \$41.53
- Average proprietor income per proprietor in agriculture: \$86,942.43

Agriculture Farm Data

In Storey County, the 2022 farm data shows that most farms had significant sales, with 71% earning between \$50,000 and \$99,999. Only a small percentage of farms (29%) reported sales below \$2,500. No farms reported sales in other specified ranges or above \$100,000. The county’s livestock and poultry production include two farms each for hogs and pigs, layers, and broilers/other meat-type chickens, though the exact number of animals is unknown.<sup>70 71</sup> Data on crops for Storey County is not available due to proprietary confidentiality.

Figure 132: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	4	+100%
Land in farms (acres)	(D)	(D)
Average size of farm (acres)	(D)	(D)

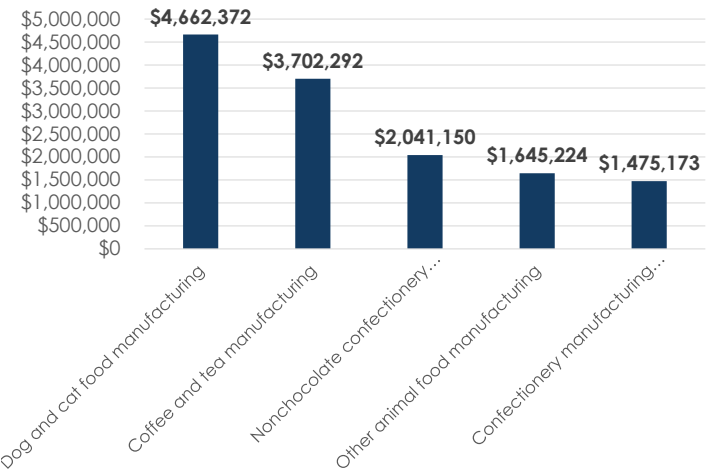
Source: USDA, NASS (2022)

Figure 133: Livestock and poultry production in 2022

Broilers and other meat-type chickens	(D)
Cattle and calves	--
Goats	--
Hogs and pigs	--
Horses and ponies	(D)
Layers	(D)
Pullets	--
Sheep and lambs	--
Turkeys	(D)

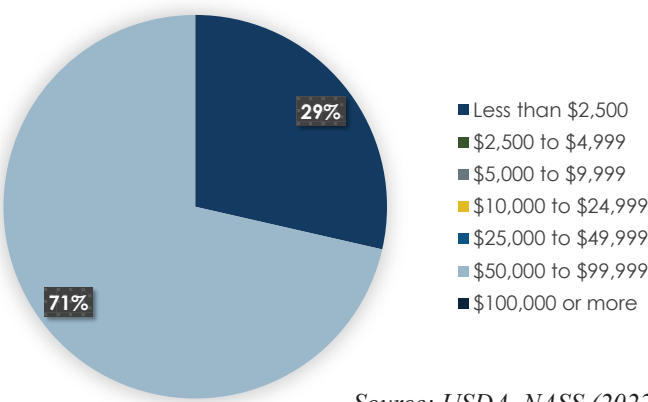
Source: USDA, NASS (2022)

Figure 130: Storey County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 131: Number of farms by value of annual sales



Source: USDA, NASS (2022)

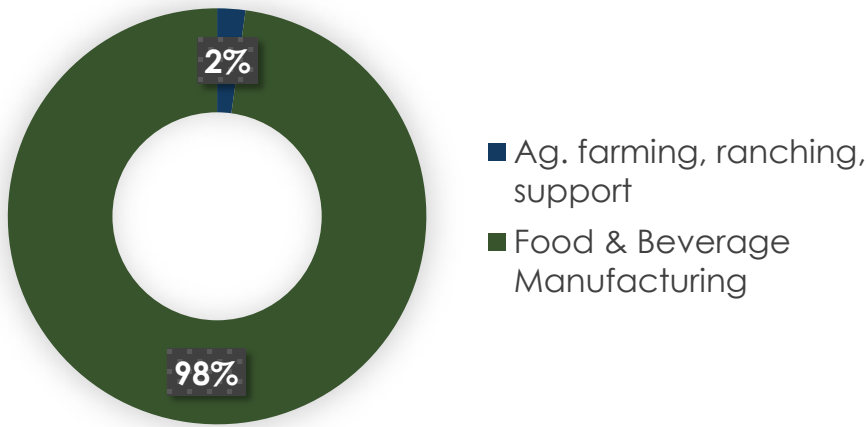


# FOOD AND AGRICULTURE AT A GLANCE WASHOE COUNTY

Economic output of the food and agriculture sector in Washoe County:

- Washoe County had an economic output of **\$1.5 billion** in 2022.
  - » Agriculture (ranching, farming and support\*): \$32.5 million dollars
  - » Food and beverage manufacturing: \$1.5 billion dollars
- In total, the food and agriculture sector represent **2%** of Washoe County's total economic output of \$65 billion.

FIGURE 134: WASHOE COUNTY FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

69 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
70 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
71 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. Categories affected by this are represented with a (D).

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.

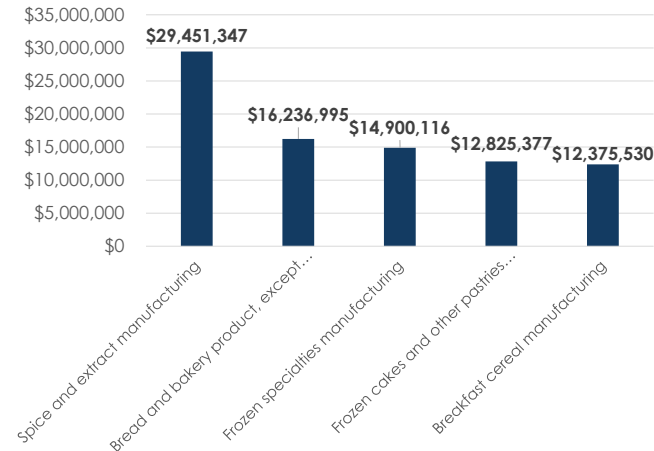


In 2022, Washoe County’s agriculture included 314 farms with a wide range of sales values, primarily under \$2,500, with a smaller portion exceeding \$100,000 in sales. The sector supported 489.58 jobs in farming and ranching, while the dominant industry, food and beverage manufacturing, employed 2,801 people and produced \$1.46 billion in output. Livestock production comprised 111 farms with cattle and calves and 63 with layers, while crop production included various vegetables and forage. The total agricultural and food sector output was approximately \$1.49 billion, indicating an extensive and significant economic impact.<sup>72</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 489.58
- Total employment in food & beverage manufacturing: 2,801.01
- Combined total employment in food and agriculture: 3,290.59
- Average compensation per wage and salary employee in agriculture: \$55,884.55
- Average salary per hour in agriculture: \$26.87
- Average proprietor income per proprietor in agriculture: \$30,052.81

Figure 135: Washoe County top 5 commodities in 2022

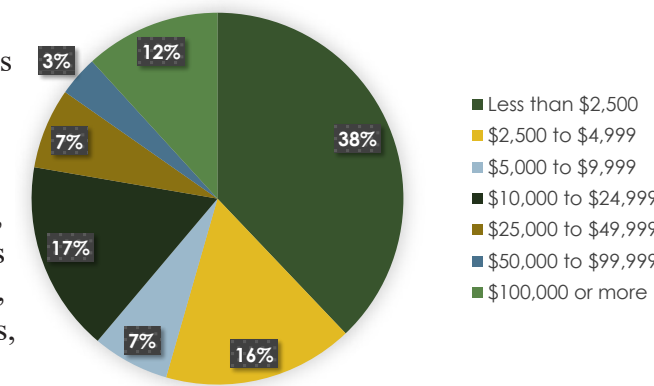


Source: IMPLAN Group, LLC (2022)

Agriculture Farm Data

Washoe County’s 2022 farm data show various agricultural landscapes with 314 farms. 38% of these farms reported sales of less than \$2,500, 17% between \$2,500 and \$4,999, and another 17% between \$10,000 and \$24,999. Only 12% of farms generated sales of \$100,000 or more. 111 farms raised 12,859 cattle and calves, with smaller numbers of beef cows, milk cows, and hogs. Poultry production comprised 63 farms with 1,367 layers; one had meat chickens.<sup>73</sup> On the crop side, 71 farms produced 21,944 tons of forage, 28 grew vegetables, and four cultivated potatoes, with 20 managing 33 acres of orchards.<sup>74</sup>

Figure 136: Number of farms by value of annual sales



Source: USDA, NASS (2022)

Figure 137: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	314	-11%
Land in farms (acres)	477,037	-5%
Average size of farm (acres)	1,519	+7%

Source: USDA, NASS (2022)

Figure 138: Livestock and poultry production in 2022

Broilers and other meat-type chickens	110
Cattle and calves	12,859
Goats	302
Hogs and pigs	18
Horses and ponies	1,062
Layers	1,367
Pullets	155
Sheep and lambs	(D)
Turkeys	13

Source: USDA, NASS (2022)

Figure 139: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	7,564
Vegetables harvested, all	(D)
Sod	(D)
Pumpkins	(D)
Squash, all	(D)

Source: USDA, NASS (2022)

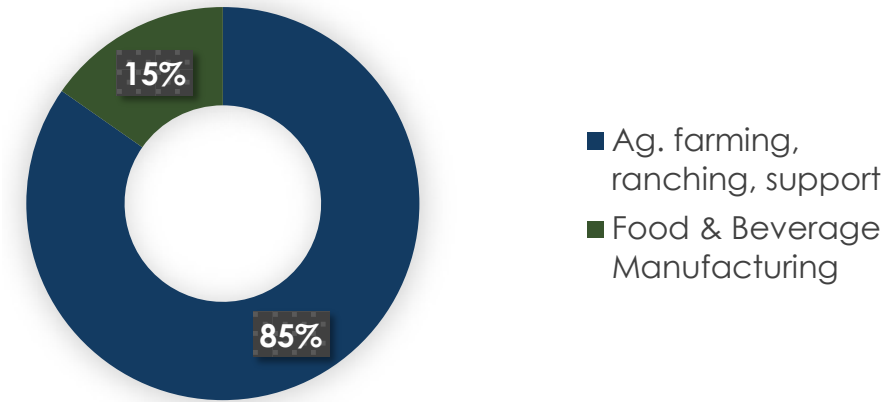
72 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
73 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. As an example, Washoe County ranks 1st in the state for Horses, ponies, mules, burros, donkeys and 3rd in Poultry and eggs, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Other categories also affected by this are represented with a (D).  
74 USDA, NASS (2022) Census of Agriculture for Nevada State County Summary Highlights  
agri.nv.gov



Economic output of the food and agriculture sector in White Pine County:

- White Pine had an economic output of **\$57.2 million** in 2022.
  - » Agriculture (ranching, farming and support\*): \$48.5 million dollars
  - » Food and beverage manufacturing: \$8.7 million dollars
- In total, the food and agriculture sector represent **3%** of White Pine County's total economic output of \$2 billion.

FIGURE 140: WHITE PINE FOOD & AGRICULTURE SECTOR ECONOMIC OUTPUT IN 2022



Source: Implan Group, LLC. (2022)

\*Note: The North American Industry Classification System (NAICS) defines agriculture support activities such as cotton ginning, crop dusting and spraying, orchard cultivation, pest control, animal breeding, and forestry services.  
For question or additional data, please email cschulz@agri.nv.gov.



White Pine County’s 2022 agricultural data show a diverse agricultural landscape with 140 farms, 31% of which report sales of \$100,000 or more and 27% with less than \$2,500. The county’s agricultural sector employs 226.41 people, and the county’s overall employment rate is 5,602. Livestock production includes 74 farms with 19,159 cattle and calves, four milk cows, and one hog farm. Crop production is highlighted by 80 farms producing 99,087 tons of forage, with smaller amounts of vegetables and potatoes. Beef cattle ranching and meat processing are important industries, with significant economic multipliers indicating strong regional effects.<sup>75</sup>

Employment and Income in 2022

- Total employment in agriculture (farming, ranching, support): 203.87
- Total employment in food & beverage manufacturing: 22.54
- Combined total employment in food and agriculture: 226.41
- Average compensation per wage and salary employee in agriculture: \$54,173.64
- Average salary per hour in agriculture: \$26.05
- Average proprietor income per proprietor in agriculture: \$38,076.10

Agriculture Farm Data

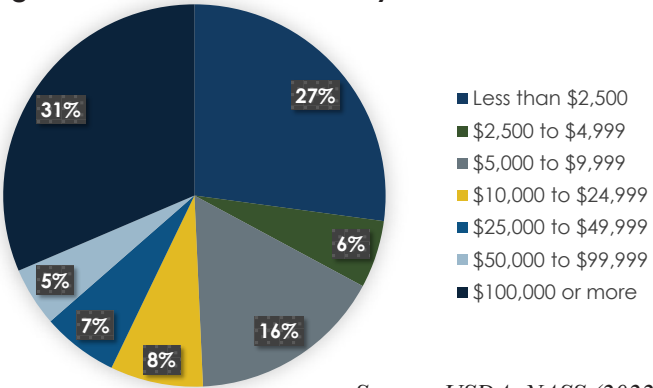
White Pine County’s farm distribution by sales value demonstrates a concentration of operations at both ends of the spectrum. 31% of farms make \$100,000 or more in sales, while 27% earn less than \$2,500. Farms earning \$5,000 to \$9,999 account for 16%, while those earning \$10,000 to \$24,999 make up 8%. In 2022, cattle dominated the county’s livestock and poultry production, with 74 farms raising 19,159 head, including 13,494 beef cows. Sheep farming is also significant, with 41 farms producing 12,899 sheep and lambs.<sup>76</sup> The crop sector strongly emphasizes forage, with 80 farms producing 99,087 tons, while vegetable and potato farming is minimal. Orchard land covers 36 acres.<sup>77</sup>

Figure 141: White Pine County top 5 commodities in 2022



Source: IMPLAN Group, LLC (2022)

Figure 142: Number of farms by value of annual sales



Source: USDA, NASS (2022)

Figure 143: Number of farms compared to acres since 2017

	2022	% change since 2017
Number of farms	140	-20%
Land in farms (acres)	215,932	+31%
Average size of farm (acres)	1,542	+64%

Source: USDA, NASS (2022)

Figure 144: Livestock and poultry production in 2022

Broilers and other meat-type chickens	--
Cattle and calves	19,159
Goats	290
Hogs and pigs	(D)
Horses and ponies	517
Layers	843
Pullets	(D)
Sheep and lambs	12,899
Turkeys	128

Source: USDA, NASS (2022)

Figure 145: Top crop production in 2022 by acres

Industry	Production
Forage (hay/haylage), all	24,872
Corn for silage/greenchop	(D)
Apples	32
Vegetables harvested, all	(D)
Nursery stock crops	(D)

Source: USDA, NASS (2022)



# APPENDIX I: GLOSSARY OF ECONOMIC TERMS

Agriculture production

Describes a specific group of industry primarily engaged in the activiese of cultivating soil; planting, raising and harvesting crops; and rearing, feeding and managing animals.

Cash receipts

Defined as the gross income from sales of crops, livestock and livestock products during a calendar year. The USDA Economic Reaserach Service (ERS) uses UDSA National Agricultural Statistic Service (NASS) estimates to developpe state level cash receipts.

Direct impacts

Describes the economic impacts of an industry due ot changes to front end businesses that receive expenses or operating revenue as a direct consequence of an industry. Direct impacts are related to the original purchases or direct sales from primary suppliers.

Economic contribution

Defined as the gross changes in a region’s existing economy that can be attributed to a ne industry, event or policy. The contribution analysis looks at the actual regional data and the corresponding links within the economy.

75 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.  
76 Note: The USDA NASS Census may underrepresent livestock and poultry production due to factors like smaller farms, producers opting out, and limited coverage of non-commercial operations. As an example, White Pine County ranks 1st in the state for Aquaculture and 2nd for Sheep, goats, wool, mohair, milk, but due to quantity of operations, numbers are not reported in the 2022 USDA Census. Other categories also affected by this are represented with a (D).  
77 IMPLAN Group, LLC. IMPLAN(2022). Huntersville, NC. Implan.com.



Employment

A job as defined by IMPLAN equals the annual average of monthly jobs in that industry. This is the same definition used by Quarterly Census of Employment and Wages (QCEW), U.S. Bureau of Labor Statistics (BLS), and the Bureau of Economic Analysis (BEA). A job can be either full-time or part-time and will be listed as a decimal to represent that ratio.

Farm

The USDA defines a farm as any place that produced and sold - or normally would have produced and sold - at least \$1,000 of agricultural products during a given year. USDA uses acres of crops and head of livestock to determine if a place with sales less than \$1,000 could normally produce and sell at least that amount.

Food and agriculture sector

Refers to a larger segment of the economy comprised of a large group of establishments primarily engaged in agriculture production and food manufacturing which make up the food manufacturing industries and the agriculture industries.

Food manufacturing

Food manufacturing industries transform raw agricultural products into products for consumption. The industry groups are distinguished by the raw materials (generally of animal or vegetable origin) processed into food products.

Indirect impacts

Indirect impacts are the economic impacts of an industry due to changes in the activity of an industry’s suppliers. Indirect impacts include the spending that cattle producer’s suppliers make when purchasing goods and services from their own suppliers (i.e. secondary suppliers) to meet the demand generated by the cattle industry.

Labor income

All forms of employment income, including employee compensation (wages and benefits) and proprietor income.

Output

Output represents the value of industry production. In IMPLAN, these are annual production estimates for the year of the data set and are in producer prices. For manufacturers, this would be sales plus/minus change in inventory. For service sectors, production equals sales. For retail and wholesale trade, output equals gross margin and not gross sales.

Output multipliers

Describes the total output generated as a result of \$1 of output in the target industry.

Support activities for agriculture and forestry

These industries provide support services essential to agriculture and forestry production. These support activities may be performed by the agriculture or forestry producing establishment, or conducted independently as an alternative source of inputs required for the production process for a given crop, animal or forestry industry.



APPENDIX II:  
PRODUCTION CATEGORIES  
AND DEFINITIONS

Beverages, vinegar

Include Wine, Hard Liquor, Flavored Water, Beer, Alcohol > 80% ABV, Water, Other Fermented Beverages, Vermouth, and Vinegar.

Cereal, flour, starch

Include Baked Goods, Malt Extract, Pasta, Prepared Cereals, and Tapioca.

Coffee, tea, spices

Include Coffee, Tea, Pepper, Spices, Spice Seeds, Nutmeg, mace and cardamons, Vanilla, Cinnamon, Cloves, and Mate, among others.

Dairy products

Edible products of animal origin, n.e.s. are a part of Animal Products. They include Cheese, Concentrated Milk, Milk, Butter, Fermented Milk Products, Whey and other milk products, Eggs, Honey, Processed Egg Products, and Other Edible Animal Products, among others.

Dehydrated Food Manufacturing

Establishments primarily engaged in (1) drying (including freeze-dried) and/or dehydrating fruits, vegetables, and soup mixes and bouillon and/or (2) drying and/or dehydrating ingredients and packaging them with other purchased ingredients, such as rice and dry pasta.

Distilleries

Establishments primarily engaged in one or more of the following: (1) distilling potable liquors (except brandies); (2) distilling and blending liquors; and (3) blending and mixing liquors and other ingredients.



Edible vegetables

Include Other Vegetables, Dried Legumes, Tomatoes, Frozen Vegetables, Onions, Potatoes, Dried Vegetables, Lettuce, Cabbages, and Cucumbers, among others.

Fats, animal, vegetables

Animal or vegetable fats, oils, & waxes are a part of Animal and Vegetable Bi-Products. They include Palm Oil, Soybean Oil, Seed Oils, Stearic Acid, Pure Olive Oil, Rapeseed Oil, Coconut Oil, Margarine, Other Vegetable Oils, and Other Pure Vegetable Oils, among others.

Frozen Specialty Food Manufacturing

Frozen specialty foods (except seafood), such as frozen dinners, entrees, and side dishes; frozen pizza; frozen whipped topping; and frozen waffles, pancakes, and French toast.

Live trees, plants

Live trees, plants, bulbs, cut flowers, & ornamental foliage are a part of Vegetable Products. They include Cut Flowers, Other live plants, cuttings and slips; mushroom spawn, Bulbs and Roots, and Plant foliage.

Meat and edible meat offal

Meat & edible offal are a part of Animal Products. They include Pig Meat, Poultry Meat, Bovine Meat, Frozen Bovine Meat, Sheep and Goat Meat, Edible Offal, Preserved Meat, Other Meat, Animal Fat, and Horse Meat, among others.

Miscellaneous edible preparations

Include Other Edible Preparations, Sauces and Seasonings, Coffee and Tea Extracts, Ice Cream, Soups and Broths, and Yeast.

Oil Seed

Oils seeds, oleaginous fruits, grains, straw & fodder are a part of Vegetable Products. They include Soybeans, Rapeseed, Sowing Seeds, Other Oily Seeds, Sunflower Seeds, Perfume Plants, Ground Nuts, Forage Crops, Locust beans, seaweed, sugar beet, cane, for food, and Oil Seed Flower, among others.

Other Snack Food Manufacturing

Cookies and crackers, potato chips, corn chips, and similar snacks

Prep Cereal, Flour, Starch Or Milk; Bakers Wares

Prepared Cereals are a part of Preparations of cereals, flour, starch or milk. They include Cereal foods obtained by swelling, roasting of cereal and Cereals, except maize grain, prepared.

Residues, wastes

Food residues & wastes; animal fodder are a part of Foodstuffs. They include Animal Food, Soybean Meal, Animal Meal and Pellets, Other Vegetable Residues, Starch Residue, Bran, Other Vegetable Residues and Waste, Ground Nut Meal, and Wine Lees.

Sugars

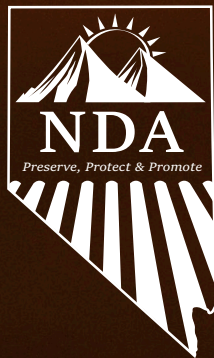
Include Raw Sugar, Confectionery Sugar, Other Sugars, and Molasses.

Vegetables, fruit, prepared

Include Fruit Juice, Other Processed Fruits and Nuts, Other Processed Vegetables, Other Frozen Vegetables, Processed Tomatoes, Jams, Pickled Foods, Processed Mushrooms, and Sugar Preserved Foods.







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