



ECONOMIC IMPACT ANALYSIS

Prepared for Touro University Nevada

December 2021

In the following report, Hanover Research (Hanover) analyzes the economic contribution of Touro University Nevada to Clark County and the wider state of Nevada. The analysis includes both a supply-side and demand-side analysis, which employs a regional input-output model to estimate the direct, indirect, and induced impact of Touro University Nevada's operations on the county and state.



TABLE OF CONTENTS

3 / Executive Summary

5 / Demand-Side Analysis

6 / Demand-Side Overview

21 / Supply-Side Analysis

22 / Supply-Side Overview

31 / Appendix

EXECUTIVE SUMMARY – CLARK COUNTY

KEY FINDINGS: DEMAND-SIDE





The demand-side analysis estimates the effect of spending by Touro University Nevada on Clark County. The effect represents both the initial spending by Touro University Nevada (typically referred to as the direct effect) and the additional economic activity in other areas of the economy triggered by this initial spending (indirect and induced effects).

The overall estimated annual **demand-side economic impact of Touro University Nevada is about \$79,966,934**.¹ Touro University Nevada's externally funded spending supports **702.2 jobs** in the area. The reflects an **input-output multiplier of 1.80**. In other words, for every dollar of spending by Touro University Nevada and its students in Clark County, there is an *additional* impact of 80 cents on the county economy, or a total impact of \$1.80.

The broader impact of all spending by Touro University Nevada and its students, not just expenditures funded by out-of-area sources, is higher at \$160,987,992. Further, a total of 1,017.8 jobs are supported. This impact on the area stems from direct spending by Touro University Nevada and its students, which totals \$89.9 million. The input-output multiplier for all spending is 1.79.

¹ Note that dollar values are reported in 2019 dollars.

DEMAND-SIDE ECONOMIC IMPACT

	EXTERNAL FUNDING	ALL FUNDING
 TOTAL IMPACT	\$79,966,934	\$160,987,992
 DIRECT SPENDING	\$44,539,745	\$89,943,466
 MULTIPLIER EFFECT	1.80x	1.79x
 JOBS SUPPORTED	702.2	1,017.8

EXECUTIVE SUMMARY – NEVADA

KEY FINDINGS: DEMAND-SIDE





The demand-side analysis estimates the effect of spending by Touro University Nevada on the state of Nevada. The effect represents both the initial spending by Touro University Nevada (typically referred to as the direct effect) and the additional economic activity in other areas of the economy triggered by this initial spending (indirect and induced effects).

The overall estimated annual **demand-side economic impact of Touro University Nevada is about \$74,263,502.**¹ Touro University Nevada’s externally funded spending supports **681.2 jobs** in the area. The reflects an **input-output multiplier of 1.80**. In other words, for every dollar of spending by Touro University Nevada and its students, there is an *additional* impact of 80 cents on the state economy, or a total impact of \$1.80.

The broader impact of all spending by Touro University Nevada and its students, not just expenditures funded by out-of-area sources, is higher at \$161,827,190. Further, a total of 1,027.5 jobs are supported. This impact on the area stems from direct spending by Touro University Nevada and its students, which totals \$89.9 million. The input-output multiplier for all spending is 1.80.

¹ Note that dollar values are reported in 2019 dollars.

DEMAND-SIDE ECONOMIC IMPACT

	EXTERNAL FUNDING	ALL FUNDING
 TOTAL IMPACT	\$74,263,502	\$161,827,190
 DIRECT SPENDING	\$41,163,410	\$89,943,466
 MULTIPLIER EFFECT	1.80x	1.80x
 JOBS SUPPORTED	681.2	1,027.5



DEMAND-SIDE ANALYSIS

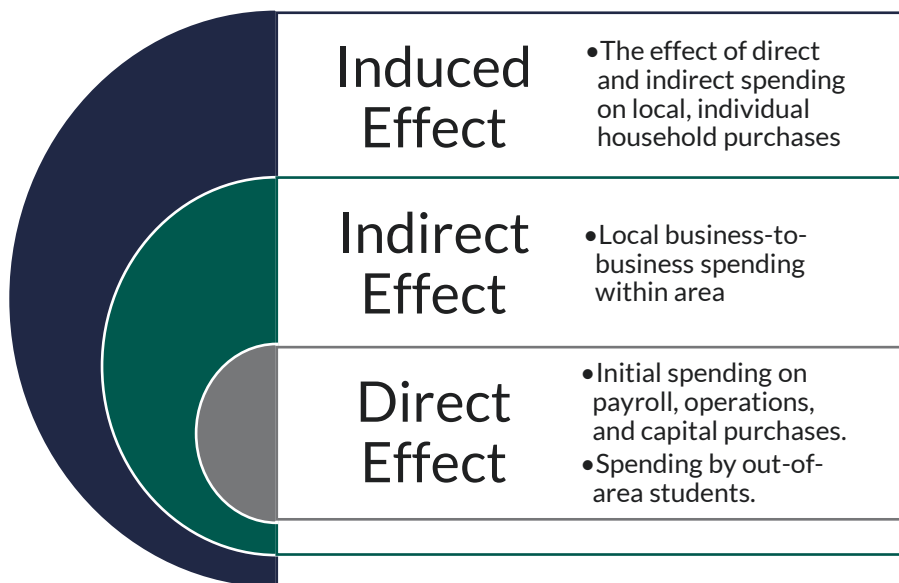
DEMAND-SIDE OVERVIEW

OVERVIEW

As part of a demand-side economic impact analysis, Hanover Research analyzes the contributions of the Touro University Nevada to the economy of Nevada and Clark County using an **Input-Output Model** to estimate the **direct**, **indirect**, and **induced** effects on the state and county's economies including:

- The impact of Touro University Nevada's operating and capital spending
- Funding/spending generated from out-of-area sources

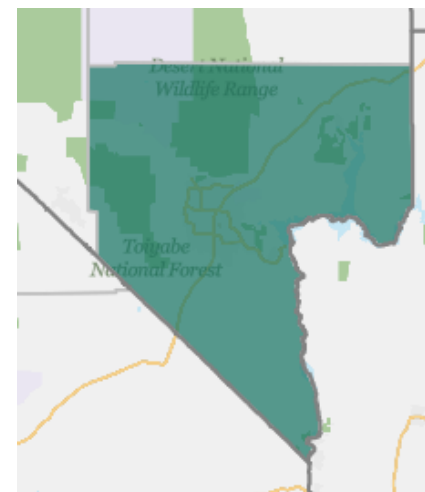
TYPES OF DEMAND-SIDE ECONOMIC IMPACT



SCOPE

AREA OF ANALYSIS: Clark County, NV; Nevada

YEAR OF ANALYSIS: Fiscal Year 2019



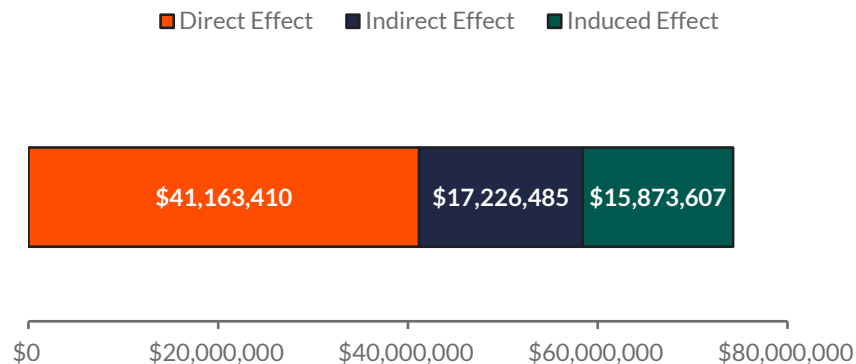
STATE IMPACT

DEMAND-SIDE: GROSS OUTPUT IN NEVADA

In fiscal year 2019, Touro University Nevada's activities yielded an estimated gross output impact of \$74.3 million on Nevada. Based exclusively on spending funded by out-of-area dollars, these economic activities would otherwise be unlikely to occur in the state without Touro University Nevada.

- The **direct effect** of Touro University Nevada's operation that was funded by external dollars was \$41.2 million, which includes operating expenditures and capital expenses of \$23.2 million and \$1.8 million, respectively, as well as out-of-area student off-campus spending of \$16.1 million.
- Taken together, this externally-funded operating, capital, and student spending triggered additional **indirect business-to-business spending of \$17.2 million** and **induced household spending of \$15.9 million** in Nevada. Therefore, the direct output effect of Touro University Nevada's operating, capital, and student spending generated an estimated \$33,100,092 in additional economic activity among businesses and households in Nevada.

Gross Output \$74,263,502



Breakdown of \$44.5 Million Direct Effect:

- \$16,149,318 Student Spending
- \$23,203,955 Operating Expenditure
- \$1,810,138 Capital Expenditure

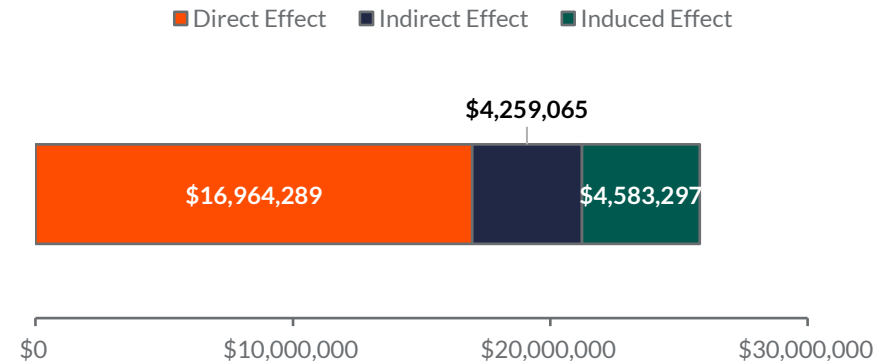
DEMAND-SIDE: STATE LABOR INCOME AND EMPLOYMENT IMPACT

Representing a key subset of grow output, Touro University Nevada's externally funded operating, capital, and student spending generated an estimated \$25.8 million in labor income. This includes salaries, wages, and benefits earned by employees and business owners throughout Nevada.

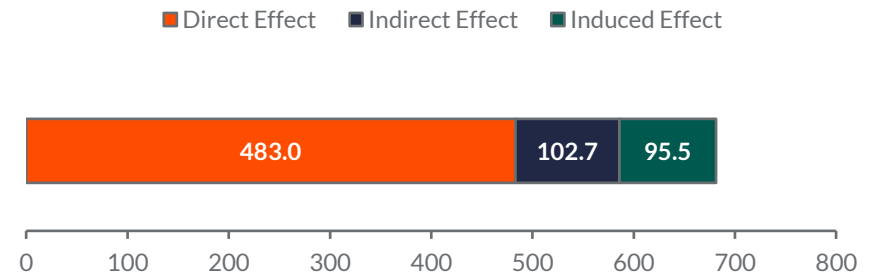
- This labor income value includes a direct effect of \$17.0 million, coupled with \$4.3 million in indirect effects, and \$4.6 million in induced effects. Therefore, Touro University Nevada generated an estimated \$8,842,361 in additional labor income among households and businesses in Nevada.

In terms of employment impact, Touro University Nevada's externally funded operating, capital, and student spending supported an estimated 681.2 jobs throughout the state during the 2019 fiscal year. This figure comprises 483.0 jobs supported by direct spending from Touro University Nevada and its out-of-area students, as well as 102.7 jobs supported by business-to-business (indirect) and 95.5 jobs supported by household (induced) spending.

Labor Income \$25,806,651



Employment Impact 681.2



DEMAND-SIDE: STATE DETAILED RESULTS

The table below summarizes the impact of Touro University Nevada's externally funded operating and capital spending, and spending by out-of-area students, segmented by type of effect.

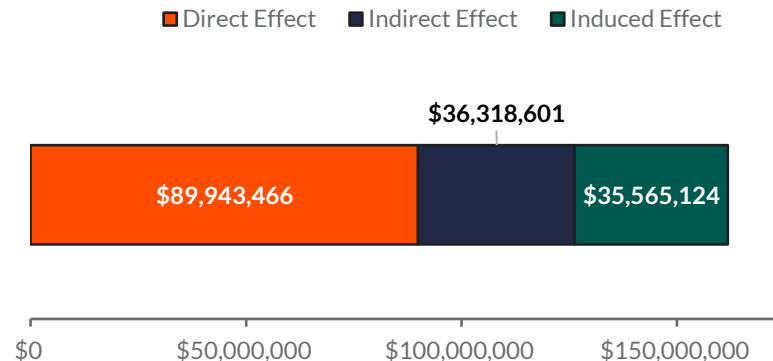
IMPACT TYPE	DIRECT EFFECT	INDIRECT EFFECT	INDUCED EFFECT	TOTAL EFFECT
Output	\$41,163,410	\$17,226,485	\$15,873,607	\$74,263,502
Operating	\$23,203,955	\$5,217,233	\$11,532,254	\$39,953,441
Capital	\$1,810,138	\$399,437	\$761,621	\$2,971,196
Student Spending	\$16,149,318	\$11,609,815	\$3,579,732	\$31,338,865
Labor Income	\$16,964,289	\$4,259,065	\$4,583,297	\$25,806,651
Operating	\$14,333,659	\$1,090,804	\$3,329,732	\$18,754,196
Capital	\$891,478	\$125,750	\$219,919	\$1,237,148
Student Spending	\$1,739,152	\$3,042,510	\$1,033,645	\$5,815,307
Employment	483.0	102.7	95.5	681.2
Operating	374.0	29.7	69.4	473.1
Capital	13.0	2.1	4.6	19.7
Student Spending	96.0	71.0	21.5	188.5

DEMAND-SIDE: GROSS CONTRIBUTION TO NEVADA

In fiscal year 2019, Touro University Nevada's activities contributed an estimated \$161.8 million to the state. Consisting of all spending, not just that funded by out-of-area dollars, this includes economic activities that may occur in the state even without the presence of Touro University Nevada.

- The **direct effect** of Touro University Nevada's operation was \$89.9 million, which includes operating expenditures and capital expenses of \$53.2 million and \$4.1 million, respectively, as well as student off-campus spending of \$32.6 million.
- Taken together, this operating, capital, and student spending triggered additional **indirect business-to-business spending of \$36.3 million** and **induced household spending of \$35.6 million** in Nevada. Therefore, the direct output effect of Touro University Nevada's operating, capital, and student spending generated an estimated \$71,883,725 in additional economic activity among businesses and households in the state.

Gross Output \$161,783,664



Breakdown of \$89.9 Million Direct Effect:

- \$32,612,650 Student Spending
- \$53,218,000 Operating Expenditure
- \$4,112,816 Capital Expenditure

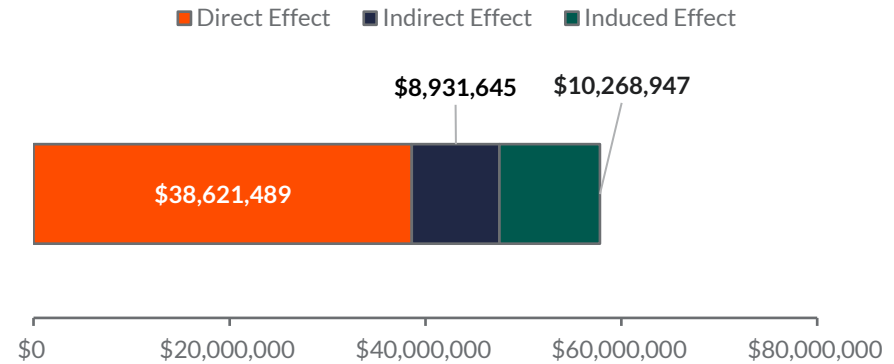
DEMAND-SIDE: STATE LABOR INCOME AND EMPLOYMENT CONTRIBUTION

Representing a key subset of gross output, Touro University Nevada's total operating, capital, and student spending generated an estimated \$57.9 million in labor income. This includes salaries, wages, and benefits earned by employees and business owners throughout Nevada.

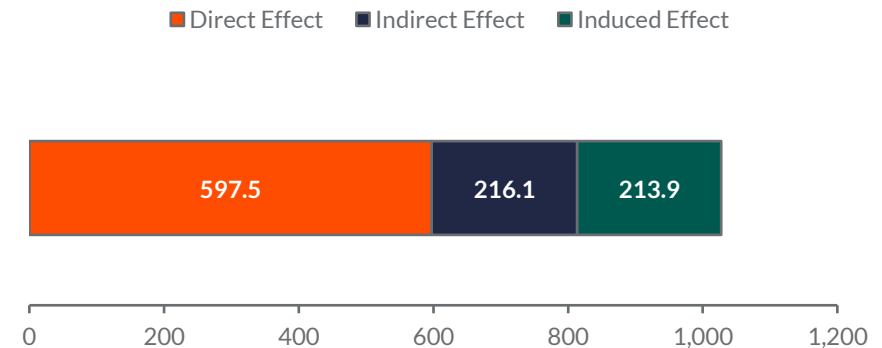
- This labor income value includes a direct effect of \$38.6 million, coupled with \$8.9 million in indirect effects, and \$10.3 million in induced effects. Therefore, Touro University Nevada generated an estimated \$19,200,592 in additional labor income among households and businesses in Nevada.

In terms of employment impact, Touro University Nevada's total operating, capital, and student spending supported an estimated 1,027.5 jobs throughout the state during the 2019 fiscal year. This figure comprises 597.5 jobs supported by direct spending from Touro University Nevada and its students, as well as 216.1 jobs supported by business-to-business (indirect) and 213.9 jobs supported by household (induced) spending.

Labor Income \$57,882,081



Employment Impact 1,027.5



DEMAND-SIDE: STATE CONTRIBUTION DETAILED RESULTS

The table below summarizes the impact of Touro University Nevada's total operating and capital spending, and spending by students, segmented by type of effect.

IMPACT TYPE	DIRECT EFFECT	INDIRECT EFFECT	INDUCED EFFECT	TOTAL EFFECT
Output	\$89,943,466	\$36,318,601	\$35,565,124	\$161,827,190
Operating	\$53,218,000	\$11,965,662	\$26,605,573	\$91,789,236
Capital	\$4,112,816	\$907,562	\$1,730,481	\$6,750,859
Student Spending	\$32,612,650	\$23,445,377	\$7,229,070	\$63,287,096
Labor Income	\$38,621,489	\$8,931,645	\$10,268,947	\$57,822,081
Operating	\$33,083,840	\$2,501,747	\$7,681,880	\$43,267,467
Capital	\$2,025,529	\$285,718	\$499,678	\$2,810,925
Student Spending	\$3,512,120	\$6,144,180	\$2,087,389	\$11,743,690
Employment	597.5	216.1	213.9	1,027.5
Operating	374.0	68.1	160.0	602.1
Capital	29.6	4.7	10.4	44.7
Student Spending	193.9	143.3	43.5	380.7

COUNTY IMPACT

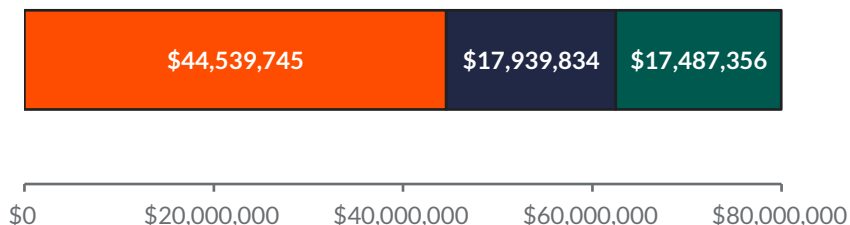
DEMAND-SIDE: GROSS OUTPUT IN CLARK COUNTY

In fiscal year 2019, Touro University Nevada's activities yielded an estimated gross output impact of \$80.0 million on Clark County. Based exclusively on spending funded by out-of-area dollars, these economic activities would otherwise be unlikely to occur in the county without Touro University Nevada.

- The **direct effect** of Touro University Nevada's operation that was funded by external dollars was \$44.5 million, which includes operating expenditures and capital expenses of \$25.0 million and \$1.9 million, respectively, as well as out-of-area student off-campus spending of \$17.6 million.
- Taken together, this externally-funded operating, capital, and student spending triggered additional **indirect business-to-business spending of \$17.9 million** and **induced household spending of \$17.5 million** in Clark County. Therefore, the direct output effect of Touro University Nevada's operating, capital, and student spending generated an estimated \$35,427,189 in additional economic activity among businesses and households in Clark County.

Gross Output \$79,966,934

■ Direct Effect ■ Indirect Effect ■ Induced Effect



Breakdown of \$44.5 Million Direct Effect:

- \$17,607,242 Student Spending
- \$24,983,540 Operating Expenditure
- \$1,948,963 Capital Expenditure

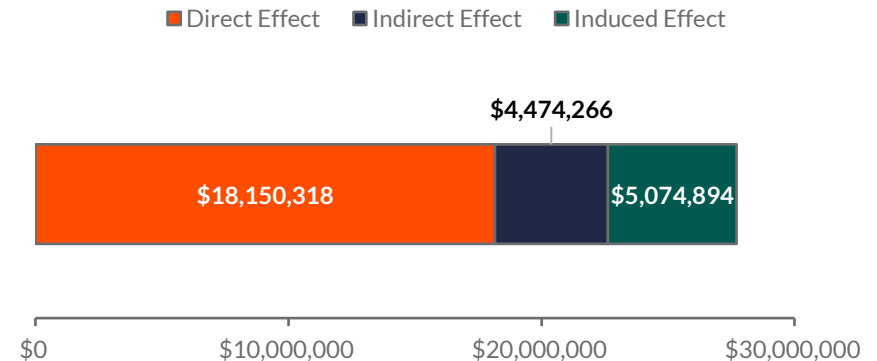
DEMAND-SIDE: COUNTY LABOR INCOME AND EMPLOYMENT IMPACT

Representing a key subset of gross output, Touro University Nevada's externally funded operating, capital, and student spending generated an estimated \$27.7 million in labor income. This includes salaries, wages, and benefits earned by employees and business owners throughout Clark County.

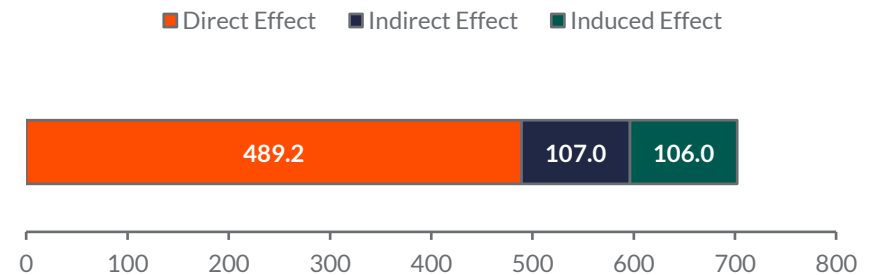
- This labor income value includes a direct effect of \$18.2 million, coupled with \$4.5 million in indirect effects, and \$5.1 million in induced effects. Therefore, Touro University Nevada generated an estimated \$9,549,161 in additional labor income among households and businesses in Clark County.

In terms of employment impact, Touro University Nevada's externally funded operating, capital, and student spending supported an estimated 702.2 jobs throughout the county during the 2019 fiscal year. This figure comprises 489.2 jobs supported by direct spending from Touro University Nevada and its out-of-area students, as well as 107 jobs supported by business-to-business (indirect) and 106 jobs supported by household (induced) spending.

Labor Income \$27,699,479



Employment Impact 702.2



DEMAND-SIDE: COUNTY DETAILED RESULTS

The table below summarizes the impact of Touro University Nevada's externally funded operating and capital spending, and spending by out-of-area students, segmented by type of effect.

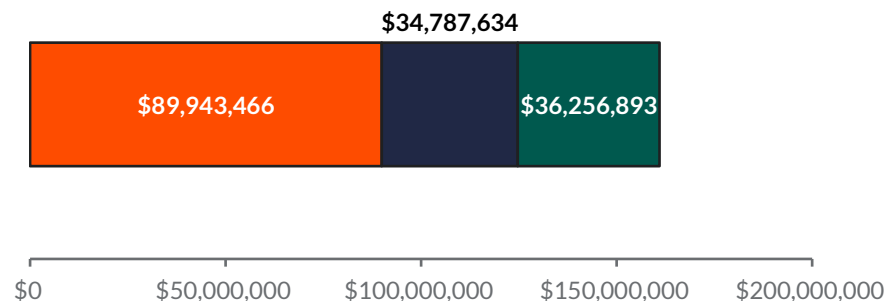
IMPACT TYPE	DIRECT EFFECT	INDIRECT EFFECT	INDUCED EFFECT	TOTAL EFFECT
Output	\$44,539,745	\$17,939,834	\$17,487,356	\$79,966,934
Operating	\$24,983,540	\$5,213,792	\$12,571,986	\$42,769,318
Capital	\$1,948,963	\$426,584	\$817,430	\$3,192,976
Student Spending	\$17,607,242	\$12,299,458	\$4,097,940	\$34,004,640
Labor Income	\$18,150,318	\$4,474,266	\$5,074,894	\$27,699,479
Operating	\$15,162,875	\$1,110,622	\$3,648,382	\$19,921,879
Capital	\$922,428	\$136,415	\$237,213	\$1,296,055
Student Spending	\$2,065,015	\$3,227,230	\$1,189,300	\$6,481,545
Employment	489.2	107.0	106.0	702.2
Operating	374.0	29.3	76.2	479.5
Capital	14.4	2.3	5.0	21.7
Student Spending	100.8	75.4	24.8	201.1

DEMAND-SIDE: GROSS CONTRIBUTION TO CLARK COUNTY

In fiscal year 2019, Touro University Nevada's activities contributed an estimated \$160.9 million to Clark County. Consisting of all spending, not just that funded by out-of-area dollars, this includes economic activities that may occur in the county even without the presence of Touro University Nevada.

- The **direct effect** of Touro University Nevada's operation was \$89.9 million, which includes operating expenditures and capital expenses of \$53.2 million and \$4.1 million, respectively, as well as student off-campus spending of \$32.6 million.
- Taken together, this operating, capital, and student spending triggered additional **indirect business-to-business spending of \$34.8 million** and **induced household spending of \$36.3 million** in Clark County. Therefore, the direct output effect of Touro University Nevada's operating, capital, and student spending generated an estimated \$71,044,527 in additional economic activity among businesses and households in Clark County.

Gross Output \$160,987,992



Breakdown of \$89.9 Million Direct Effect:

- \$32,612,650 Student Spending
- \$53,218,000 Operating Expenditure
- \$4,112,816 Capital Expenditure

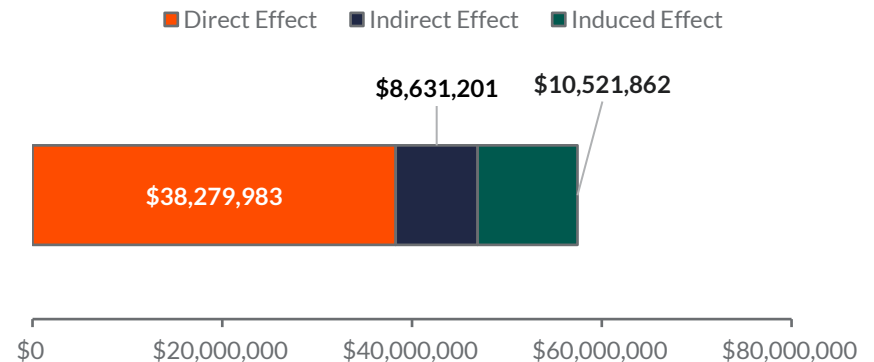
DEMAND-SIDE: COUNTY LABOR INCOME AND EMPLOYMENT CONTRIBUTION

Representing a key subset of gross output, Touro University Nevada's total operating, capital, and student spending generated an estimated \$57.4 million in labor income. This includes salaries, wages, and benefits earned by employees and business owners throughout Clark County.

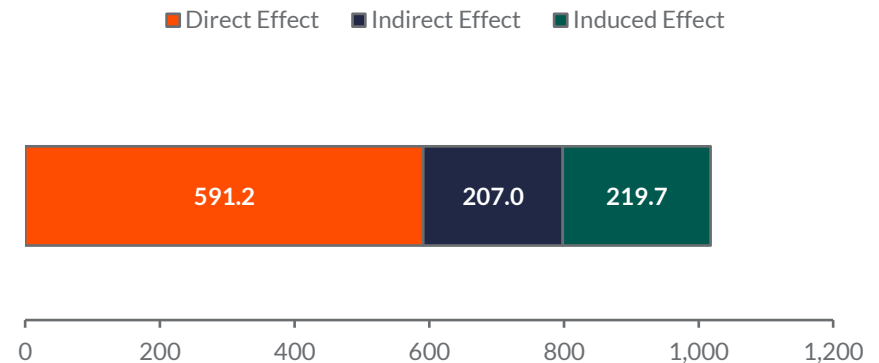
- This labor income value includes a direct effect of \$38.3 million, coupled with \$8.6 million in indirect effects, and \$10.5 million in induced effects. Therefore, Touro University Nevada generated an estimated \$19,153,063 in additional labor income among households and businesses in Clark County.

In terms of employment impact, Touro University Nevada's total operating, capital, and student spending supported an estimated 1,017.8 jobs throughout the county during the 2019 fiscal year. This figure comprises 591.2 jobs supported by direct spending from Touro University Nevada and its students, as well as 207 jobs supported by business-to-business (indirect) and 219.7 jobs supported by household (induced) spending.

Labor Income \$57,433,046



Employment Impact 1,017.8



DEMAND-SIDE: COUNTY CONTRIBUTION DETAILED RESULTS

The table below summarizes the impact of Touro University Nevada's total operating and capital spending, and spending by students, segmented by type of effect.

IMPACT TYPE	DIRECT EFFECT	INDIRECT EFFECT	INDUCED EFFECT	TOTAL EFFECT
Output	\$89,943,466	\$34,787,634	\$36,256,893	\$160,987,992
Operating	\$53,218,000	\$11,106,016	\$26,941,580	\$91,265,596
Capital	\$4,112,816	\$900,202	\$1,724,988	\$6,738,006
Student Spending	\$32,612,650	\$22,781,416	\$7,590,324	\$62,984,390
Labor Income	\$38,279,983	\$8,631,201	\$10,521,862	\$57,433,046
Operating	\$32,508,540	\$2,365,762	\$7,818,425	\$42,692,727
Capital	\$1,946,562	\$287,870	\$500,580	\$2,735,012
Student Spending	\$3,824,882	\$5,977,569	\$2,202,856	\$12,005,307
Employment	591.2	207.0	219.7	1,017.8
Operating	374.0	62.4	163.2	599.7
Capital	30.4	4.8	10.5	45.7
Student Spending	186.7	139.7	46.0	372.4



SUPPLY-SIDE ANALYSIS

SUPPLY-SIDE OVERVIEW

Hanover Research's Supply-Side Economic Impact Analysis is organized into three main components:

- **Academic Impact** analyzes the impact of Touro University Nevada's academic programs on the county and state, including snapshots of student enrollment and notable academic programs
- **Alumni Impact** evaluates the impact Touro University Nevada alumni have on the community, including estimated additional earnings as a result of receiving a degree at Touro University Nevada
- **Community Engagement and Impact** evaluates the impact of Touro University Nevada's programs and events on the Clark County and wider Nevada community

Quantifiable contributions include **486 degree conferrals** in 2019; 1,530 students enrolled in 2019; and an estimated **\$83.9 million** in additional annual income earned by alumni remaining in Clark County—across Nevada, the prospective annual alumni income premium is \$90.8 million. Touro also assists students by providing 15 [scholarships](#) worth one to five thousand.

Touro University Nevada students and faculty also provide benefits to the community via free and low-cost health services, volunteer hours, and donations. In 2019 alone, Touro's students and staff donated more than 5,000 pounds of food to a local food bank and approximately \$1,400 worth of school supplies to underprivileged students at a local elementary school.

SIGNIFICANT SUPPLY-SIDE ECONOMIC CONTRIBUTIONS



486 degrees conferred 2019



100% pass rate for the Physician Assistant (PA) professional exam



Estimated additional alumni income of \$83.9 million per year in Clark County and an additional \$6.9 million elsewhere in Nevada



15 institutional scholarships awarding between \$1,000 and \$5,000 each

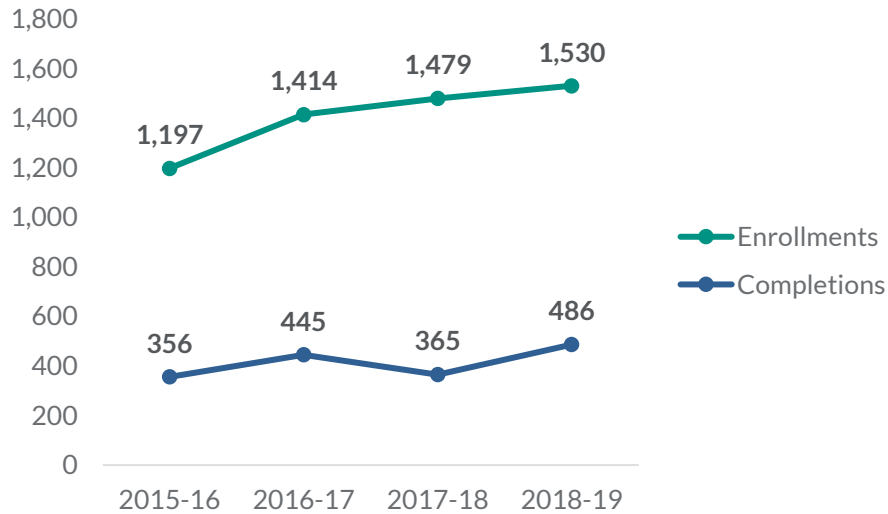
ACADEMIC IMPACT

STUDENT POPULATION

ENROLLMENT

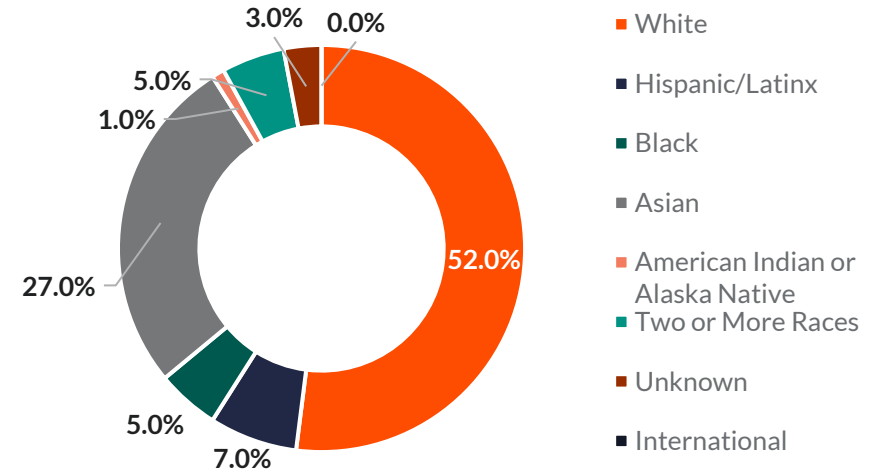
Touro University Nevada attracts a relatively similar audience and mostly educates adult learners. In 2019, all undergraduates were ages 25 or older, over half were white, 27 percent were Asian, and five percent were black. The majority of first-time undergraduate students (61 percent) are from within the state, but Methodist also attracts 31 percent of its students from other states and approximately 7 percent from overseas, thus contributing to the local economy via these students' spending.

ENROLLMENTS AND COMPLETIONS, 2018-19

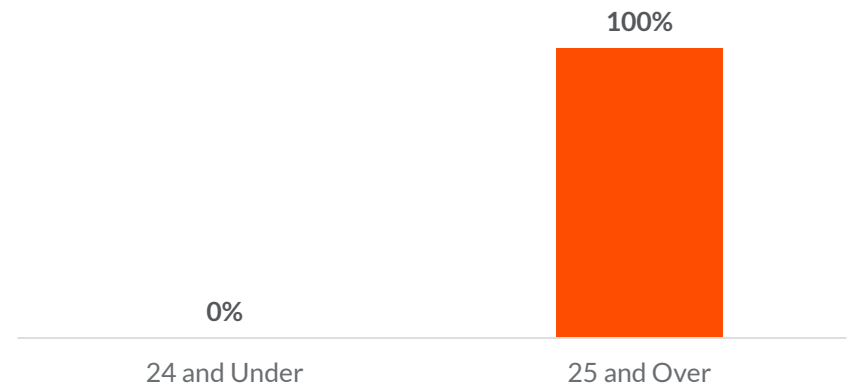


Source: [IPEDS](#)

STUDENT DEMOGRAPHICS (2019)



UNDERGRADUATE ENROLLMENT BY AGE



RANKINGS AND SPECIAL PROGRAMS

SPECIAL PROGRAMS

Since 2016, Touro University Nevada is the only institution in the state to offer several key medical programs:



Physician Assistant



Osteopathic Medicine



Occupational Therapy

Additionally, in 2020 Touro University Nevada graduated more students than any other institution in Nurse Practitioner and Nursing Science programs.

PROGRAM AND STUDENT RECOGNITION

Touro University Nevada's programs have performed strongly in residencies and student outcomes.

- In 2019, Touro [placed 100 percent of its medical students](#) in residencies, slightly higher than the [national rate](#) of 93.9 percent, though this also represented a peak value.
- In 2018, Touro's Physician Assistant (PA) class reported a [100 percent first-time pass rate](#) on the certification exam, again higher than the national rate of 98 percent.

Students and educators within Touro programs have been recognized as well.

- Close to 20 students from the College of Osteopathic Medicine presented research at the [2019 annual Nevada State Medical Association \(NSMA\) conference](#); four students received awards for their presentations. Additionally, the college's Associate Dean of Initiatives received the Distinguished Physician award for outstanding achievements in the field.
- College of Medicine student Ashlie Bloom was [recognized by the Clark County Medical Society \(CCMS\)](#) as a "Student Rising Star" for outstanding performance.

ALUMNI IMPACT

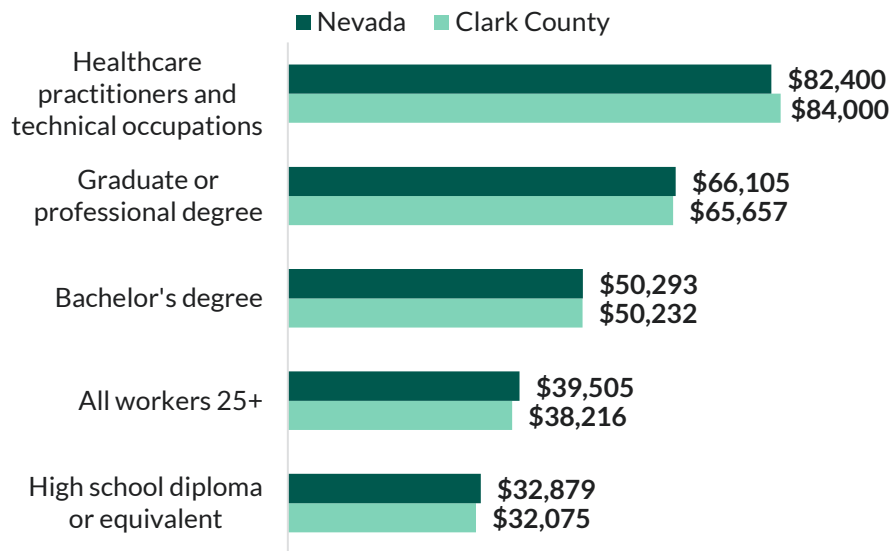
ECONOMIC “VALUE ADDED” ANALYSIS

Touro University Nevada makes a significant economic contribution via increased economic mobility and earnings power for graduates. The [Bureau of Labor Statistics](#) finds that average income for a worker over 25 increases with each educational credential earned; the highest salaries are awarded to workers with a doctoral or professional degree. Additionally, unemployment rates decrease with each credential earned.

Hanover conducts a county-level “value added” analysis, intended to provide a broad illustration of the potential monetary value graduates of Touro University Nevada programs receive via increased earnings. To estimate this value, Hanover cross-referenced the number of alumni in Clark County and elsewhere in Nevada in 2019 with the differences between median income for individuals with occupations in healthcare (due to Touro University Nevada’s focus on healthcare programs) and those with a high school diploma. Hanover also assesses potential income for 2019’s graduates. To estimate the number of graduates within the county, Hanover weights conferrals by the percentage of alumni Touro University Nevada reported as in-area. This analysis makes several assumptions:

- Assumes the potential share of in-area graduates earn at least the county or state median for that degree level or for healthcare occupations.
- Does not account for variations by degree type or specialization.
- Estimates income based on median salaries for workers across all ages and experience levels.

MEDIAN ANNUAL EARNINGS BY EDUCATIONAL ATTAINMENT AND OCCUPATION*



SALARY PREMIUM FOR STATE AND COUNTY WORKERS

Educational Attainment	Clark County	Nevada
Bachelor's Degree (over HS diploma)	\$18,157	\$17,414
Graduate or Professional Degree (over bachelor's median)	\$15,425	\$15,812
Healthcare Occupations (over HS diploma)	\$51,925	\$49,521

Source: [US Census Bureau](#), JobsEQ

*Educational attainment salary data from 2019; occupational salary data from 2021

ECONOMIC “VALUE ADDED” ANALYSIS

Touro University Nevada reported 4,666 total alumni in 2019. Of these, 37.6 percent (1,756) resided in Nevada; the majority of these, 1,616, resided in Clark County.

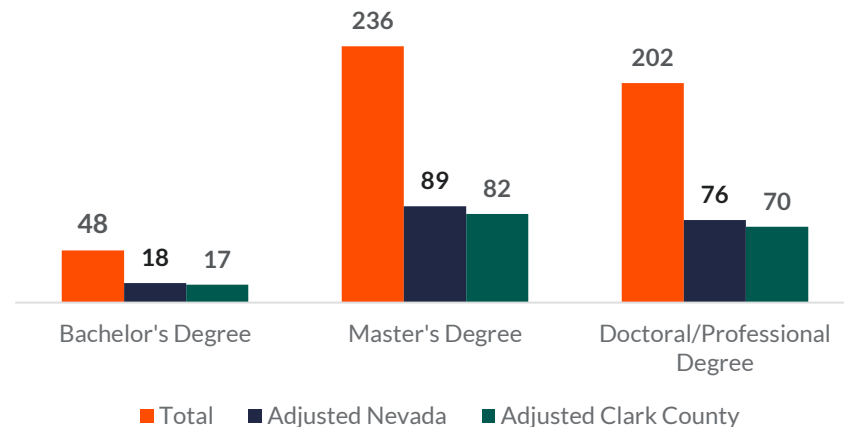
In 2019, Touro University Nevada reported a total of 486 conferrals, 48 of which were undergraduate degrees and 438 of which were graduate-level degrees. Assuming similar percentages of these graduates reside in the state and county as indicated by alumni trends, this would mean approximately 168 total new graduates in Clark County and 183 in Nevada overall.

Based on “value-added” analysis, Touro University Nevada’s alumni represent approximately \$90.8 million in annual income across the state, and \$83.9 million just in Clark County. Touro’s 2019 graduates represent approximately \$6.0 million in additional annual income for the county, assuming a similar share of these graduates remain in Clark County as did prior alumni.

ESTIMATED ANNUAL EARNINGS PREMIUM FOR TOURO UNIVERSITY NEVADA ALUMNI

Area	Alumni	Estimated Differential per Graduate (Healthcare)	Estimated Total Additional Annual Earnings
Clark County	1,616	\$51,925	\$83,910,800
Nevada	140	\$49,521	\$6,932,940
Total	1,756	--	\$90,843,740

DEGREE CONFERRALS FROM TOURO UNIVERSITY NEVADA, 2019



ESTIMATED ANNUAL EARNINGS PREMIUM FOR TOURO GRADUATES IN CLARK COUNTY, 2019

Degree Level	Estimated Differential per Graduate	Estimated Total Additional Annual Earnings (Year Grads)	Estimated Total Additional Annual Earnings (County Grads)
Bachelor's	\$51,925	\$1,869,312	\$863,206
Graduate	\$33,768	\$6,375,528	\$5,122,430
Total	--	\$8,244,840	\$5,985,636

COMMUNITY ENGAGEMENT AND IMPACT

COMMUNITY SERVICE

PARTNERS AND ACTIVITIES (2019-2021)



40+

Partners



5

Centers



8+

Student advancement opportunities

Touro University prioritizes community involvement for students, partnering with over 45 organization to help the community

Touro University has numerous specialized health centers, including the Center for Autism and Developmental Disabilities, the Health Center at Touro University, and the Stallman Touro Clinic. Initiatives such as the Mobil Healthcare Outreach Initiatives and the Stephen J. Cloobek Regional Center for Disaster Life Support also provide training to students, faculty, first responders, and community members.

Student can participate in multiple avenues of community service through health centers, community service days, and research projects focused on community health. In 2019, the university “collectively raised [more than 5,200 lbs. of food](#) for Three Square Food Bank,” donated [more than \\$1,400 worth of school supplies](#) to underprivileged elementary school students and provided [free healthcare during Thanksgiving](#) at Project Homeless Connect. Most recently, students of Touro University created [#MedReady](#) to address community needs regarding the COVID-19 pandemic.

Community Assistance Centers



[Sharon Sigesmund Pierce and Stephen Pierce Center for Autism and Developmental Disabilities](#) in Henderson, Nevada offers evidence-based, applied behavioral analysis services



[Stallman Touro Clinic at Shade Tree](#) provides shelter residents with adult health care, acute medical care, chronic illness management, preventative health measures, and pediatric services



The [Health Center at Touro University](#) is a teaching facility that specializes in primary care, osteopathic manipulative medicine, rheumatology, and geriatrics.



[Michael Tang Regional Center for Clinical Simulation](#) is a medical simulation facility that provides students with realistic learning opportunities.



[Stephen J. Cloobek Regional Center for Disaster Life Support](#) provides education courses for students, providers, and community members to successfully manage public health emergencies.

APPENDIX

IMPLAN ANALYSIS

Hanover Research utilized IMPLAN software and supporting data to estimate the economic contributions of Touro University Nevada to the [area of analysis]. IMPLAN is an economic input-output (I-O) modeling software program offered commercially through IMPLAN Group LLC. The IMPLAN software allows Hanover to apply the appropriate “multipliers” to all dollars originally spent in an area by an institution (e.g., a university, its employees, and students). Multipliers account for the fact that a certain percentage of every dollar spent within a local economy remains in the economy and is, in turn, re-spent, generating additional income and expenditures in the process. Hanover also analyzes direct, indirect, and induced effects of spending in terms of employment, offering another means of visualizing the institution’s contribution to its surrounding economy.

The three types of impact that Hanover reports from IMPLAN results are as follows:

- **Gross Output (Output)** – Total gross value of the institution’s economic activities that are funded by external revenues and of out-of-area students’ spending.
- **Labor Income** – All forms of employment income, including employee salary/wages and benefits, that are supported by externally funded institutional expenditures and out-of-area students’ spending.
- **Employment** – Number of jobs (full-time or part-time, not full-time equivalent) created by the institution’s expenditures that are supported by external dollars and by out-of-area students’ spending.

This analysis yields three distinct types of impacts associated with an institution’s expenditures:

- **Direct Effect:** This refers to an institution’s initial spending on employee payroll, operations, and capital investments.
- **Indirect Effect:** These estimates track each dollar of local spending from one business to another until those dollars are spent outside the local economy. For example, Business A purchases a product from Business B, which uses that money to purchase products from Businesses C and D.
- **Induced Effect:** These estimates track the effects of direct and indirect spending on local, individual household purchases.

DEMAND-SIDE METHODOLOGY DETAILS

SPENDING TYPES

The economic impact analysis measures the effects of an institution's spending through **operating and capital expenditures**. For the purposes of an economic impact analysis, these expenditures are typically measured by an institution's expenses in a given year, such as those that would be reported as part of a college or university budget.

Operating Expenditures – Includes payroll and non-payroll operating expenditures.

- *Payroll* – Salaries/wages and benefits paid to non-student employees of the institution. Payments to student employees are excluded from the analysis to avoid double-counting, as student employees also make payments to the college or university for tuition and other expenses
- *Non-Payroll* – Expenditures by the institution to support its delivery of education, provision of student services (e.g., “student health clinics and recreational facilities, and auxiliary operations, such as university-operated bookstores, residence halls, and cafeterias...”), and conduct of research and development.

Capital Expenditures – Expenditures by the institution for “new construction and purchases of equipment and software that are used for more than a year.”

ESTIMATION OF EXTERNAL REVENUES

Hanover excludes Touro University Nevada spending that is funded by purchases from area businesses and households. This step is taken to avoid “double-counting” or overestimation of economic impact.

- We subtract student payroll (except for graduate stipends) and scholarship/aid from tuition and fees revenue and prorated the remaining amount by the percentage of out-of-area students.
- We prorated additional revenue from university bookstores using the percentage of out-of-area students.
- About four percent of the gift revenue is funded by out-of-area sources, so gift revenue is prorated by this percentage.

The economic impact guidelines suggest that regional I-O models further include spending by students “who have temporarily moved into the region to attend university.” To estimate these expenditures, we multiply average off-campus spending per student by the number of off-campus out-of-state students.

- The room and board is the sum of housing and boarding for students who do not live with parents.
- The other expenses include transportation and personal expenses for out-of-area students.

SUPPLY-SIDE METHODOLOGY DETAILS

STUDENT AND ALUMNI DATA

Touro University Nevada provided Hanover with current alumni data, detailing the geographic location of alumni living in the state of Nevada or in Clark County.

ADDITIONAL INCOME

Additional income is an estimated measure of the added earnings potential for Touro University Nevada graduates. To calculate the added earnings potential to the economy by Touro University Nevada, Hanover typically uses only the most recent United States Census Bureau data from the [American Community Survey 2019 five-year estimate](#) on annual income by level of educational attainment. Touro University Nevada offers a limited range of programs related to healthcare. As such, Hanover also uses the most recent median income data—as of Q2 2021—from [JobsEQ](#) for individuals in the county and in the state who are employed in healthcare occupations as the estimated income for Touro University Nevada alumni.

We calculate the difference between the salary of individuals employed in healthcare occupations and the median income for individuals with a high school diploma. Then, by multiplying the difference by the number of alumni, we estimate a rough approximation of the added earnings potential contributed by Touro University Nevada. This approach provides only a single point estimate of added earning potential and does not account for students entering or exiting with varied educational attainment, the specific occupation of graduates, and the level of experience for individual alumni.



CONTACT

Arad Gigi, Ph.D.
Content Director

E: agigi@hanoverresearch.com

P: 202-559-0050

🌐 hanoverresearch.com

