UC San Diego

UNIVERSITY OF CALIFORNIA SAN DIEGO

Economic, Research, and Community Impacts

FISCAL YEAR 2018

July 1, 2017 to
June 30, 2018

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Executive Summary

The University of California San Diego operates on more than 2,000 acres, much of it located in the coastal La Jolla neighborhood of San Diego. The proximity to the ocean allows UC San Diego to be an important Sea Grant university and the home to the renowned Scripps Institution of Oceanography. The campus, which is a comprehensive PhD granting research institution, has more than 200 undergraduate and graduate programs and enrolls more than 35,000 students annually–28,000 in its undergraduate programs, more than 5,700 in the master's programs, and more than 1,900 in the medical and pharmacy programs. The campus's professional schools include the UC San Diego School of Medicine, the Jacobs School of Engineering, the Rady School of Management, the School of Global Policy and Strategy, the Scripps Institution of Oceanography, and the Skaggs School of Pharmacy. Students are educated by some of the top minds in various fields, while also being exposed to a diverse range of community and social activities and events. UC San Diego has hosted sixteen Nobel Laureates, and faculty have won MacArthur Awards, Pulitzer Prizes, Fields Medals, Grammy Awards, Tony Awards, and a Presidential Medal of Freedom among countless other noteworthy awards.

UC San Diego is ranked as one of the top fifteen worldwide research universities[1] and receives more than $1 billion annually to fund its research initiatives. UC San Diego is consistently ranked among the top twenty public universities nationally by *U.S. News & World Report.* In 2018 rankings, UC San Diego was also listed as the world's top "Golden Age" university by the *Times Higher Education* for the second consecutive year. In addition, UC San Diego was ranked as the number one public university in the nation based on social mobility, research, and civic engagement (*Washington Monthly*), and as the second-best university nationally in promoting social mobility (*Money* magazine).

As the region's only academic health system, UC San Diego Health provides vital services to the community, operating one of only two Level I trauma centers for adults, the only Regional Burn Center, two Comprehensive Stroke Centers, and the region's only National Cancer Institute-designated Comprehensive Cancer Center. In addition to excellent primary care, UC San Diego Health delivers expert advanced specialty care and is rated among the nation's best treatment centers for

100,492
Jobs related to UC San Diego

$16.5 BIL
Economic Impact Annually

$940.6 MIL
Government Revenue Generation Annually

$423.7 MIL
In 2017 low or no-cost health care service

pulmonology, geriatrics, cardiology, cancer, neurology, and orthopedics by *U.S. News & World Report*.[2] With more than 1,500 faculty members and 1,400 medical students, residents, and fellows, UC San Diego School of Medicine is ranked sixth in the nation among public, research-intensive medical schools by *U.S. News and World Report*. The 799-bed hospital system has more than 800,000 outpatient visits and nearly 30,000 hospital admissions annually.

As stewards of health to their community, UC San Diego medical and pharmacy students lead the UC San Diego Student-Run Free Clinic,[3] which allows all individuals to be seen and treated at no cost.[4]

To quantify the economic, research, medical, and social impacts generated by the campus within the State of California, San Diego County, and the City of San Diego, UC San Diego retained the consulting firm Tripp Umbach[5] to complete an economic, research, and community impact study for Fiscal Year 2018.[6] Key findings from the study include the following:

- UC San Diego generates $16.5 billion in combined economic impact annually for the State of California. This number includes the operational impact of $12.4 billion, $1 billion in campus visitors' spending impacts, $845.7 million in student spending impacts, and $2.3 billion in research impacts.

- UC San Diego supports 100,492 jobs directly[7] and indirectly[8] throughout California.

- State and local government revenue attributable to the presence of UC San Diego totaled $940.6 million.

- UC San Diego faculty, staff, and students provide more than $79.7 million annually in community impact through donations and volunteer time to local nonprofits. In addition, UC San Diego Health supports more than $423.7 million in low or no-cost health care programs or services to underserved populations in the community— including $77 million in direct charitable care provided at UC San Diego Health hospitals.

- UC San Diego is ranked as one of the top public universities in the nation because of high graduation rates, strong job placement, and low student debt.[9] UC San Diego is also first for access with the highest population of low-income students from the bottom income percentile, according to *The New York Times*. This complements UC San Diego's rate of first-generation college graduates. In 2018, per UC San Diego graduate data, 42 percent of the undergraduate degrees were first-generation college graduates.[10]

- Research and innovation at UC San Diego are a major focus. The campus has a more than $1 billion research portfolio which ranks seventh in the nation, but what makes the campus distinctive is the number of start-ups created and the number of collaborations with institutions and industry. UC San Diego is increasingly becoming the Silicon Valley of Southern California, with a keen focus on biotech. The campus is the number four public institution for startup creation and number seven for patents issued. [11]

1 Academic Ranking of World Universities, http://www.shanghairanking.com/World-University-Rankings/University-of-California-San-Diego.html

2 https://www.usnews.com/best-graduate-schools/top-medical-schools/university-of-california-san-diego-04011

3 https://medschool.ucsd.edu/som/fmph/education/freeclinic/about/Pages/History.aspx

4 https://medschool.ucsd.edu/som/fmph/education/freeclinic/pages/default.aspx

5 Tripp Umbach is a Pittsburgh-based consulting firm specializing in economic development and impact studies and has completed customized studies for colleges and universities, academic medical centers, hospitals and health systems, non-profit organizations, research institutes, and economic development agencies, as well as arts, tourism, and sports initiatives.

6 For this report, FY2018 refers to the period from July 1, 2017 to June 30, 2018.

7 Direct jobs are those jobs which are directly employed by UC San Diego and receive a check directly from the university.

8 Indirect jobs are those jobs which exist due to the spending, employment, and economic activities directly related to the operations of the university or their direct employees.

9 https://ucsdnews.ucsd.edu/pressrelease/uc_san_diego_named_best_value_public_college_by_kiplinger_personal_finance

10 Determined by using the definition of neither mother nor father being reported by the applicant as having a four-year degree.

11 https://www.milkeninstitute.org/reports/concept-commercialization-best-universities-technology-transfer

Economic Impact of UC San Diego

The University of California San Diego is a powerhouse in education, research, health care, and community engagement and involvement, and plays an important role in the generation of economic impact, employment, and government revenue in the local areas where the campus operates and throughout the state.
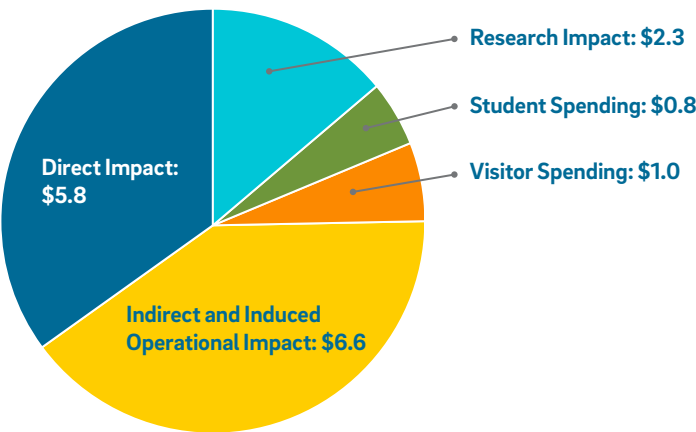
UC San Diego provides powerful economic activity throughout the state of California. Direct spending by UC San Diego to vendors and employees helps to generate additional economic activity in the area and the state. In FY18, the campus generated more than $16.5 billion in economic impact for the state. This $16.5 billion total represents the direct impact of spending in the state ($5.8 billion), as well as the indirect spending that occurs as a result of the presence of UC San Diego ($10.7 billion). This $10.7 billion indirect impact number is made up of the $6.6 billion of indirect and induced impacts from vendors, faculty, and staff spending and respending in the economy of California; the $1 billion generated by out-of-area visitors to the campus for various events such as athletics, campus tours, conferences and meetings, research events, and symposiums; student spending, which amounts to $845.7 million in additional impact due to spending off campus with other vendors for housing, supplies, and food as well as discretionary spending; and research activities conducted on campus, which makes up the remaining $2.3 billion in economic impact and activity in the state.

What is economic impact?
• Economic impact begins when an organization spends money.
• Economic impact studies capture the direct economic impact of an organization's spending, plus additional indirect and induced spending in the economy as a result of the direct spending (multiplier effect).
• Direct Economic Impact: measures all direct effects the organization has on the region due to the organization's operations.
• Indirect Economic Impact: measures interindustry transactions; because an institution is in business, it has a demand for locally produced materials needed to operate.
• Induced Economic Impact: measures the effects of the changes in household income; employees of an institution and suppliers purchase from local retailers and restaurants.
• Total economic impact measures the dollars that are generated within the region due to the presence of UC San Diego. This includes not only spending on goods and services with a variety of suppliers within the geography, and the spending of its staff and visitors, but also the business volume generated by businesses within the region that benefit from UC San Diego's spending.

It is important to remember that not all dollars spent by an organization remain in the geography. Dollars that "leak" out of the area in the form of purchases from out-of-region vendors are not included in the organization's economic impact on the region.

STATEWIDE IMPACT (IN BILLIONS)

Research Impact: $2.3
Student Spending: $0.8
Visitor Spending: $1.0
Direct Impact: $5.8
Indirect and Induced Operational Impact: $6.6

Top Ten Industries Impacted by UC San Diego Economically by Sector in California

DESCRIPTION	OUTPUT
Colleges, universities, and professional schools	$5,515,075,312
Real estate rentals	$1,238,354,043
Scientific research and development services	$1,076,783,918
Real estate, owner-occupied dwellings	$622,322,333
Wholesale trade	$379,594,094
Hotels and motels	$358,873,837
Construction of new educational and vocational structures	$304,300,000
Full-service restaurants	$250,809,952
Limited-service restaurants	$245,716,104
Hospitals	$227,274,041

Employment Impact

In FY18, UC San Diego directly supported 32,429 jobs (full-time and part-time) throughout the state, directly impacting workforce vitality and bolstering the economy on a number of levels. Those directly employed spend dollars in the state and, therefore, support additional employment. Additional spending on capital projects, development, planning projects, and suppliers supports indirect jobs throughout California. In total, the presence of the campus supports 100,492 jobs directly and indirectly in California. The indirect jobs are due to campus vendors and employee discretionary spending which equates to 38,407 jobs; the visitors-to-campus spending, which supports 9,364 jobs; the student spending, supporting an additional 7,048 jobs; and the research activity on campus, totaling an additional 13,244 jobs.

Top Ten Industries Impacted by UC San Diego in Employment by Sector in California

DESCRIPTION	EMPLOYMENT
Colleges, universities, and professional schools	32,947
Scientific research and development services	5,304
Real estate rentals	4,519
Full-service restaurants	4,471
Hotels and motels	3,035
Transit and ground passenger transportation	2,684
Limited-service restaurants	2,540
Personal care services	2,171
Wholesale trade	1,523
Retail—Miscellaneous store retailers	1,457

State and Local Government Revenue Impact

UC San Diego contributes significantly to the state and local tax bases through spending with state and local organizations, university employees living in California, and visitor spending. In FY18, UC San Diego generated more than $940.6 million in direct, indirect, and induced tax payments in California for state and local governments.

San Diego County Economic Impact

Significant economic, employment, and government revenue generated throughout the county impacts the tax base and stimulates further economic activity and employment. UC San Diego also impacts the county's budget by providing health care services to those who would otherwise have to seek services from the county directly. In addition, UC San Diego's vibrant arts, theatre, and sports programs bring in visitors from outside of the county's borders.

In FY18, the economic impact of UC San Diego in San Diego County totaled $11.5 billion. This total impact includes the direct impact of $5.3 billion as well as the indirect/induced impact of nearly $6.2 billion. The latter number consists of $4.6 billion in operational indirect impacts of the vendors, the direct faculty and staff employed, and their successive rounds of responding. An additional $859.2 million was generated by potential students and visitors to the campus and their spending on events such as athletics, conferences, and meetings. The remaining $733 million is a result of spending by students in the county.

The employment impacts of the campus supported 74,071 jobs throughout the county. Of those jobs, 28,118 are directly employed by the campus, and an additional 45,953 jobs are indirect and induced employment. These include the indirect and induced jobs created due to the operations of the campus (30,173 jobs), jobs supported due to visitor spending in the county (8,856 jobs), and the indirect jobs supported by student spending (6,924 jobs).

UC SAN DIEGO 2018 IMPACT ON SAN DIEGO COUNTY

$11.5 BILLION in economic impact

74,071 jobs supported

$726.7 MILLION in state and local tax revenue impact

Top Ten Industries Impacted by UC San Diego Economically by Sector in the County

DESCRIPTION	OUTPUT
Colleges, universities, and professional schools	$5,106,725,002
Real estate rentals	$809,980,211
Real estate, owner-occupied dwellings	$485,571,492
Hotels and motels	$361,166,513
Wholesale trade	$273,223,443
Construction of new educational and vocational structures	$250,600,000
Local government enterprises	$228,117,703
Full-service restaurants	$203,222,795
Limited-service restaurants	$195,862,198
Transit and ground passenger transportation	$124,600,998

Top Ten Industries Impacted by UC San Diego in Employment by Sector in the County

DESCRIPTION	EMPLOYMENT
Colleges, universities, and professional schools	28,536
Full-service restaurants	3,716
Hotels and motels	3,153
Real estate rentals	2,974
Limited-service restaurants	2,058
Personal care services	1,999
Transit and ground passenger transportation	1,861
Retail—Miscellaneous store retailers	1,378
Wholesale trade	1,110
Services to buildings (maintenance)	919

The campus's operations in the county generated an additional $726.7 million in state and local government revenue.

The City of San Diego Impact

The coastal city of San Diego has a population of more than 1.4 million people. UC San Diego and the City of San Diego have both experienced tremendous growth over the past two decades, with the campus stimulating economic activity through various avenues. The campus provides job opportunities, supports local businesses, and generates tax dollars for the city. Perhaps most significantly, UC San Diego Health offers the community world-class medical care utilizing the latest in medical research and treatment options. The campus also prides itself on the level of volunteerism, charitable donations, and health care provision in which its students and staff engage.

The economic impact of UC San Diego on the City of San Diego totaled $9.3 billion for FY18. This is a combination of the impact of $4.3 billion of direct spending by UC San Diego in the City of San Diego, as well as the indirect and induced impacts of $5 billion produced by visitor spending and other operations in the city. These break down as $2.5 billion in operational indirect impacts of the vendors and the faculty and staff employed, $1.8 billion in spending by visitors-to-campus,[12] and $704.2 million in student spending.

The campus also supported 62,516 jobs throughout the city, which equates to a staggering one in every seventeen jobs in San Diego directly or indirectly attributable to UC San Diego. This includes the 20,619 jobs that are directly related to UC San Diego and the 41,897 jobs indirectly sustained by the campus. These indirect jobs include 15,854 jobs supported by the campus operations, purchases with vendors, and faculty and staff day-to-day spending outside of the campus but within the City of San Diego; the 19,337 jobs created and sustained due to visitors who come to campus and spend money in the City of San Diego; and the 6,706 jobs supported or sustained by UC San Diego students and their spending in the local economy.

UC SAN DIEGO 2018 IMPACT ON THE CITY OF SAN DIEGO

$9.3 BILLION in economic impact

62,516 jobs supported

$493.7 MILLION in state and local tax revenue impact

Top Ten Industries Impacted by UC San Diego Economically by Sector in the City of San Diego

DESCRIPTION	OUTPUT
Colleges, universities, and professional schools	$4,134,710,645
Real estate rentals	$640,642,321
Hotels and motels	$527,365,128
Transit and ground passenger transportation	$443,051,925
Full-service restaurants	$234,548,751
Construction of new educational and vocational structures	$232,700,000
Real estate, owner-occupied dwellings	$231,004,969
Wholesale trade	$187,532,822
Local government enterprises	$181,825,815
Limited-service restaurants	$138,837,907

Top Ten Industries Impacted by UC San Diego in Employment by Sector in the City of San Diego

DESCRIPTION	EMPLOYMENT
Junior colleges, colleges, universities, and professional schools	20,903
Transit and ground passenger transportation	6,617
Hotels and motels, including casino hotels	4,604
Full-service restaurants	4,289
Real estate	2,352
Personal care services	1,745
Retail—Miscellaneous store retailers	1,695
Limited-service restaurants	1,459
Wholesale trade	762
Services to buildings	745

The operations resulted in more than $493.7 million in state and local taxes for the city.

12 These are visitors who come to the City of San Diego from outside of the city.

Research That Transforms the World

The University of California San Diego is a billion-dollar research establishment located in one of the most densely populated innovation districts in the United States.[13] In FY18, UC San Diego broke its own record for research contracts and grants for the third year in a row, reaching $1.2 billion in outside funding.[14]

Currently, UC San Diego is the seventh largest research university in the nation, third among public research universities in the United States,[15] and continues to promote and grow a culture of innovation and collaboration. UC San Diego has launched a new start-up model through its Office of Innovation and Commercialization that will allow inventions and intellectual property to reach commercialization at an accelerated pace. This innovative approach to bringing technology to market sooner is a first within the UC system and benefits both researchers and potential investors.

In FY18, the economic impact of research conducted by faculty, staff, and students totaled $2.3 billion, supporting 13,244 jobs throughout the state. An additional $96.4 million in state and local government revenue was generated through these research activities. The benefits of the research associated with the campus have many positive social impacts as well, from improving quality of life in local patients, to groundbreaking innovations that save thousands of lives.

"Another record-setting year of research funding is a testament to the continued hard work and tremendous vision of our faculty. Their bold pursuit of new discoveries brings innovative solutions to long-standing problems which better the lives of people around the globe."

- Pradeep K. Khosla
   Chancellor

TOTAL ECONOMIC IMPACT OF RESEARCH BY UC SAN DIEGO ON THE STATE OF CALIFORNIA

$2.3 BILLION
in economic impact

13,244 JOBS
Employment Impact

$96.4 MILLION
Government Revenue

13 https://ucsd.edu/research-innovation/

14 https://ucsdnews.ucsd.edu/feature/uc-San-Diego-has-record-setting-year-with-1.2b-in-research-funding
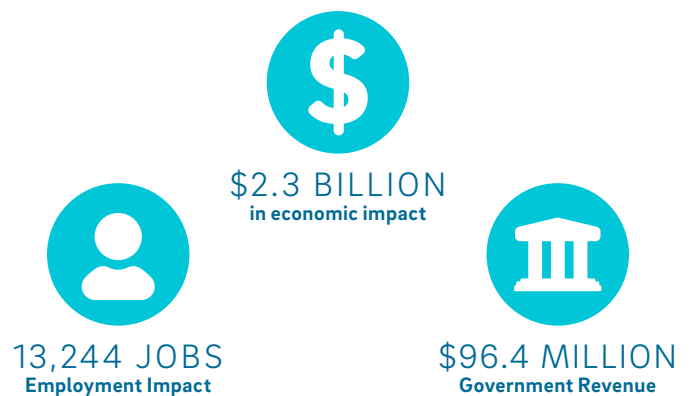
15 https://ucsdnews.ucsd.edu/pressrelease/uc_san_diego_ranked_3rd_among_u.s._public_universities_in_high_quality_rese
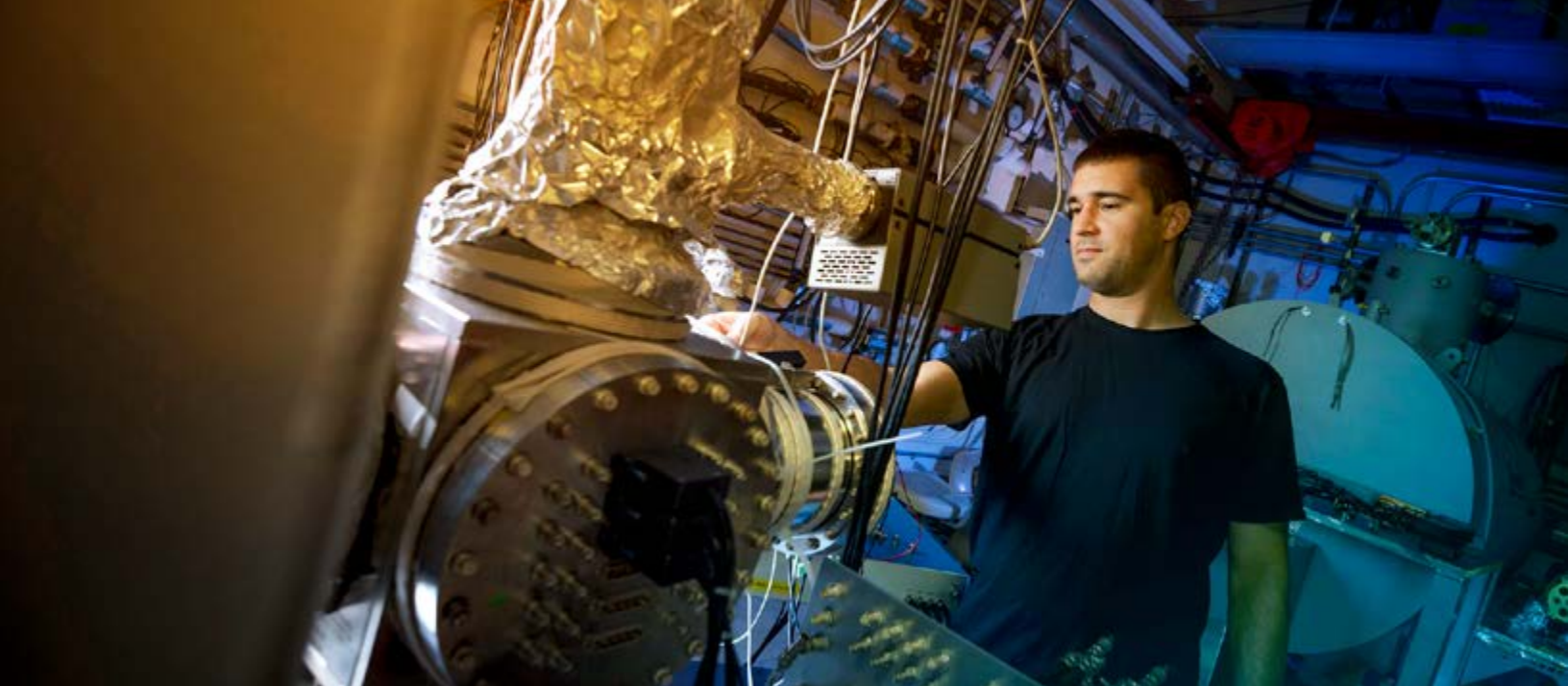
Leveraging the Strengths of UC San Diego

UC San Diego is ranked twenty-sixth among the top fifty universities in the world for producing venture capital-backed business founders, according to the Pitchbook Data Inc., a venture capital data provider. Based on funding acquired from 2009 to 2014, ninety-one UC San Diego alumni entrepreneurs received $740 million in investment capital.

In addition to providing well-rounded graduates who are prepared to make a difference in the workforce in the region, UC San Diego faculty and alumni have founded groundbreaking companies across numerous industries that have both a local and global reach. Notable companies where UC San Diego alumni have been founders, cofounders, or early executives include Facebook, Deed San Diego, Qualcomm, ViaSat, Ubiquiti Networks, The Human Genome Project, D.E. Shaw & Co., L.P., GitHub Inc., Chatterbug, Go Pro, iboss (Phantom Technologies Inc.), AveXis Inc., Sun Microsystems, Ask Jeeves, Alta Partners, Samumed, and Cymer.

The Basement— Nurturing Undergraduate Innovation

In 2015, UC San Diego established The Basement, a unique program developed and driven with the support of three alumni. The Basement's mandate is to drive innovation and foster an entrepreneurial spirit in UC San Diego's undergraduate student body. This innovative program is both an incubator and an accelerator for undergraduate students who are looking for guidance in applying their ideas to real-world scenarios. Basement students are provided access to 3,000 square feet of innovation space, alumni mentors, award-winning programs developed locally, light prototyping equipment, and equity-free seed funding. The Basement is an IP (Intellectual Property) Free Zone where undergraduate start-up teams can develop discoveries and innovation and retain full intellectual property of the innovation while also collaborating with various other researchers.[16][17]

Interdisciplinary teams are encouraged through this campuswide resource and any student with an idea is eligible to apply to start a team or to join an existing team. Alumni and mentors work together to foster collaboration among students and help to develop innovative ideas into more concrete business applications.

Program Outcomes
The success of The Basement program is clearly evident, and metrics are continuously tracked and reported to campus leadership. Highlights include:

- $2.3 million in capital raised
- 144 jobs and internships created
- Twenty companies formed
- More than 6,000 students served
- 190 mentors and volunteers
- 106 research startup projects

BREAKDOWN OF TEAMS BY FIELD OF STUDY

Arts: 3%
Science/Math: 12%
International Studies: 6%
Engineering: 52%
Social Sciences: 27%
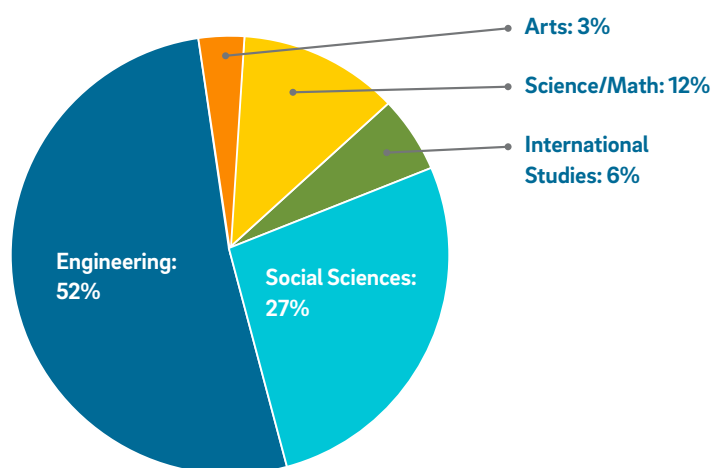
16 Basement Impact Report, 2018.

17 www.ucsdbasement.com

The Office of Innovation and Commercialization

In collaboration with campus partners, the Office of Innovation and Commercialization (OIC) provides resources to encourage and support an innovative community comprising students, faculty, staff, alumni, and community advocates. Their mission is to accelerate the commercialization of UC San Diego innovations and contribute to a sustainable society by empowering a diverse entrepreneurial culture on campus and strengthening a dynamic innovation ecosystem.

Technologies invented at UC San Diego form the basis for new companies, products, and jobs across the region and the world. Simpler commercial agreements are designed to help industry partners and entrepreneurs develop these inventions for the benefit of society. In 2018, there were 432 disclosures recorded on campus.

In the last ten years of research and innovation at UC San Diego, there have been 159 licensed startups, thirty-one in 2018 alone, that have launched as a result of a keen focus on innovation and entrepreneurship. There are 37,000 jobs attributable to UC San Diego-related companies in the industries illustrated to the right.

INDUSTRY AND ECONOMIC IMPACT

42
Start-ups launched in 2017 with university technology

$32.4 BIL
Annual sales of local, university-related companies

29,200
Jobs created

#2
Campus among all UCs in number of patents issued in FY16

118 LICENSES &
106 US PATENTS ISSUED IN 2018

432 DISCLOSURES IN 2018
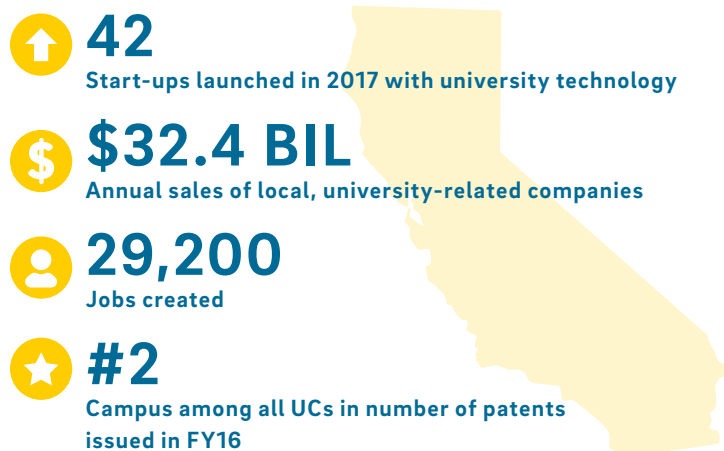
LICENSED STARTUPS OVER LAST TEN YEARS

- Diagnostics: 15%
- Instruments and Sensors: 13%
- Software: 12%
- Medical Device: 11%
- Misc: 11%
- Materials: 5%
- Therapeutics: 33%
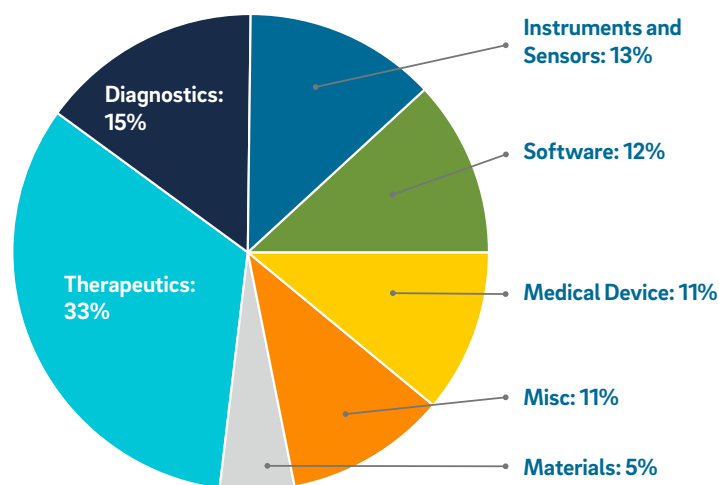
Source: UC San Diego Office of Innovation and Commercialization

Environment

Scripps Institution of Oceanography

While UC San Diego is home to many incredible divisions and schools, the campus also has the distinction of being home to the Scripps Institution of Oceanography. Its researchers investigate our oceans, Earth, and atmosphere to understand and protect the planet and find solutions to our greatest environmental challenges. Since its founding in 1903, Scripps has become one of the most important centers for global earth science research and education in the world.

Cutting-edge research programs are under way on every continent and in every ocean, and scientists develop, initiate, and maintain long-term environmental observation programs from regional to global scales. Scripps also operates a fleet of four research vessels—including R/V *Sally Ride*, America's newest and most technologically advanced academic ship.

Scripps Institution of Oceanography has produced an array of high-quality programs, research, and impactful initiatives.

ALERTWildfire
Geoscientists at Scripps developed the ALERTWildfire network of state-of-the-art cameras and data infrastructure in fire-prone areas to help firefighters and first responders in the western U.S. monitor, prepare for, and better fight wildfires.

Center for Climate Change Impacts and Adaptation
This center leverages expertise in marine and atmospheric science with engineering, policy, social science, and business with the goal of building interdisciplinary partnerships to advance climate change science and test adaptation solutions.

Center for Western Weather and Water Extremes
Atmospheric river storms account for up to half of California's annual precipitation and 90 percent of flooding events. This center provides twenty-first century water cycle science to improve atmospheric river forecasts to help better manage water supply to withstand drought and reduce risk from dangerous floods.

Oceans and Human Health
Scripps marine biologists established the world's most advanced center for marine biomedicine and biotechnology to develop cures from the sea.

Keeling Curve
A daily record of atmospheric carbon dioxide levels considered the foundation of modern climate change science by Charles David Keeling in 1958.

Blue and Green Technology

Technology commercialization and entrepreneurship have been essential parts of UC San Diego's mission for many years. With the contributions, the facilities, and the faculty available from schools and divisions throughout campus, great advances have been made from research in the fields of blue and green technology. Some notable examples of spinoff companies from 2018 include the following:

Del Mar Oceanographic

Del Mar Oceanographic is a company started by four former Scripps faculty, students, and staff that developed a ground-breaking discovery in using the ocean's energy to propel a data collection profiler called the Wirewalker. This tool uses cameras to profile, record, and store data. During the past decade, Del Mar Oceanographic has made more than 500,000 profiles spanning more than 18,000 kilometers of vertical distance, all powered by surface waves.[18]

Quad Geometrics

Quad Geometrics seeks to advance the science of precision Earth metrology for applications in geodesy, energy, mining, surveillance, and basic research in order to generate the highest quality observations to improve client's planning and operational efficiencies.[19]

MRV Systems

MRV (Marine Robotic Vehicles) Systems is a company that provides reliable oceanographic vehicles with advanced integration and deployment services. With ties to global research organizations and government agencies, MRV is uniquely positioned to provide creative and innovative solutions to better monitor, understand, and protect the world's oceans.[20]

South 8 Technologies

The company's technology has advanced energy storage, benefiting transportation, aerospace, and utilities. In addition, South 8 Technologies' new batteries help to keep some smartphones from exploding and ensure that a laptop battery in the cargo area on a plane is not a danger, as well as many more applications guaranteeing non-combustible or low-temperature running batteries do not damage or cause disasters in everyday life.[21][22]

Ocella d/b/a Ateios

This company was developed by a team of graduate and undergraduate nanoengineering students from the Jacobs School of Engineering. Ateios has developed printed batteries, a world-first, that could be used to power wearable devices such as smart watches and fitness trackers and lead to applications in clothing, solar cells, and other electronics. The team pitched their research and ideas at various competitions and gathered funding to get the startup off the ground.[23]

Quantitative BioSciences

Quantitative BioSciences Inc. (QBI) is a company that combines synthetic biology and other technologies to create water quality biosensors and algae-based wastewater biotechnology. QBI has developed customized biosensor strains for water monitoring, CloudLab facilities, and even self-sufficient "Farms of the Future" that produce biomethane for vehicle use, generate high-protein feed for livestock, and remediate water for improved crop irrigation. The company uses their discoveries to engineer solutions for current and future water-supply challenges.[24]

Grolltex

Grolltex, short for "graphene-rolling-technologies," uses patented research and technology developed at UC San Diego to produce high-quality, single-layer graphene in a sustainable and manufacturable way. Today, the highest quality "mono-layer," or one-atom-thick, graphene materials are produced via a process called Chemical Vapor Deposition (CVD). Until recently, this process had been considered too costly and environmentally detrimental to meet the needs of high-volume manufacturing. Grolltex uses its proprietary schema to produce CVD generated mono-layer graphene in a low-cost, high-throughput, manufacturing-friendly "rolling" schema that has virtually no impact on the environment.[25]

18 http://delmarocean.com/wirewalker

19 http://quadgeo.com/about/vision/

20 http://mrvsys.com/about-us/

21 https://south8technologies.com

22 https://www.scientificamerican.com/article/these-new-batteries-wont-make-your-smartphone-explode/

23 https://www.smartmoneystartups.com/congratulations-to-quick-pitch2017-winners/

24 https://www.qbisci.com; it's important to note that this was a 2017 startup, but the impacts found began in 2018.

25 https://grolltex.com

Environmental Impacts

UC San Diego Energy Management

UC San Diego is a leader in innovative energy management, running buildings and campus amenities in ways that are environmentally responsible and sustainable. Leadership in Energy and Environmental Design (LEED) is an internationally recognized certification process awarded for buildings that are highly efficient and environmentally sustainable. Organizations can achieve different levels of LEED status dependent on points earned through various certification criteria, such as environmentally efficient building design and construction, interior design and construction, building operations and maintenance, and neighborhood development. Projects pursuing LEED certification earn points across several categories including energy use and air quality. Based on the number of points achieved, a project then earns one of four LEED rating levels: Certified (40–49 points), Silver (50–59 points), Gold (60–79 points) or Platinum (80 points or more).

As of September 2017, UC San Diego has thirty-two LEED-certified buildings: three Platinum, seventeen Gold, six Silver, and six Certified, with three projects pending LEED certification. In addition to the prestigious accreditation, LEED-certified buildings are more cost-efficient to operate and enhance the productivity of individuals living, working, and studying in the buildings. All new buildings on campus are required to have a LEED certification level.

UC San Diego has invested more than $100 million in retrofitting existing buildings to be more energy-efficient. This work has resulted in more than $12 million annual savings in energy costs. Some of the retrofit work being done includes switching to LED lighting; updating heating and ventilation systems, controls, and ductwork; and replacing laboratory freezers with more energy-efficient models. The campus plans to complete more than $50 million in energy retrofits over the next five years.

UC San Diego utilizes natural solar energy in the area through what is called a "microgrid" of solar panels. The microgrid powers 85 percent of campus electricity and 95 percent of its heating and cooling needs. The grid not only reduces carbon emissions, but UC San Diego also estimates that it saves the campus more than $8 million in energy costs annually. Through the use of a cogeneration plant powered with natural gas, UC San Diego is home to the world's largest commercial joint fuel cell and solar panel farm. The 2.8-megawatt fuel cell is the largest on any college campus and provides about 7 percent of UC San Diego's total energy needs, or the equivalent of powering 2,800 homes.

Sustainability and Recycling Focus

In the 2017–18 academic year, UC San Diego's Department of Housing Dining & Hospitality purchased 19 percent of its food from sustainable sources, and dining locations composted all pre-consumer food scraps (melon rinds, vegetable peels, coffee grounds, etc.) and leftovers; this was then collected and made into compost. UC San Diego promotes and supports campuswide initiatives aimed at reducing its environmental footprint, which include double-sided printing as a default setting, cloud document storage to reduce paper usage, mini-trash bins, recycling bags/bins, and reusable cups/mugs/water bottles for staff. The UC system has made a commitment to go zero waste by 2020, with net zero greenhouse gas emissions from buildings and fleet vehicles by 2025.

All major campus buildings are also networked to an Energy Management System (EMS), a computerized system that centrally controls building mechanical systems based on occupancy levels. The EMS is programmed to reduce energy use in buildings during nights, weekends, and holidays by controlling how much energy is used in rooms that are unoccupied for a specified amount of time.

UC San Diego and San Diego Gas & Electric (SDG&E) Incentive Program

UC San Diego received an incentive reward of $7.2 million from San Diego Gas & Electric (SDG&E) for energy efficiency incentives earned through the implementation of thirty energy efficiency projects from 2010 to 2012. The amount comprises $330,000 for 2010, $2.5 million for 2011, and $4.4 million in 2012, showing an increasing commitment by the campus to energy efficiency, and equates to more than 21 million kilowatt hours (kWh), 2.1 million thermos, and more than 2 megawatts (MW) of reduced demand. Already one of the greenest universities in the country,[26] UC San Diego was named SDG&E energy champion in 2016 and is on target to surpass the UC goal of reducing greenhouse gas emissions to 1990 levels by 2020.

The campus continues to reduce its footprint through energy conservation, strengthening its partnership with SDG&E, as well as others, through the University of California/California State University/Investor Owned Utility Energy Efficiency Partnership Program (UC/CSU/IOU Energy Efficiency Partnership). The partnership is a statewide program that includes the thirty-three UC and CSU campuses and aims to achieve cost-effective, immediate, and persistent peak energy savings support for campuses completing energy efficiency projects that reduce greenhouse gas emissions. The electric company works closely with the campuses to achieve the goals of the UC Sustainability Policy and UC San Diego Climate Action Plan.

The High-Performance Wireless Research and Education Network (HPWREN) and UC San Diego

UC San Diego's Supercomputer Center and Scripps Institution of Oceanography's Institute of Geophysics and Planetary Physics are collaborating on the High-Performance Wireless Research and Education Network (HPWREN) project. The research and education partnership supports internet-data applications in research, education, and public safety realms.

HPWREN is a collaborative, internet-connected cyberinfrastructure that supports a high-bandwidth wireless structure that includes access to data networks in areas typically not well-served by internet providers in San Diego, Riverside, and Imperial counties. The UC San Diego HPWREN network partnered with the University of Nevada's Reno ALERTWildfire.org, the Orange County Fire Authority, and Southern California Edison to install and operate a sensor infrastructure on a Santiago Peak microwave tower for environmental observations. The specific objectives were to help with the assessment of fire dangers, have the ability to monitor active fires, and to respond to these based on real-time data. To accomplish these goals, cameras and a meteorological sensor system were deployed on Santiago Peak utilizing ten imaging sensors. Images from the cameras are collected and archived at a rate of one per minute for the fixed cameras and every ten seconds for the pan-tilt-zoom (PTZ) cameras. The ALERTWildfire interface provides a map showing the location of each camera and the direction in which it points for reference. HPWREN has been deploying mountain-top cameras since 2002 and makes camera data publicly available.

In August 2018, around 1:00 p.m. in the Upper Trabuco Canyon/Holy Jim Canyon area of the Cleveland National Forest in Orange County, a fire nearly burned the Santiago Peak mountaintop; disaster was averted because of the cameras and the early fire identification they provided. Various data sets have been provided to agencies affiliated with electric companies to assist with knowing when to lower power to lines that may be affected, to help firefighters in preparing for fires, and to alert the public for awareness and readiness planning. This is typically done via uploads of live or processed videos to large social media sites such as YouTube so as to continue to provide information, data, and evidence to combat fires.[27]

26 https://ucsdnews.ucsd.edu/pressrelease/uc_san_diego_named_one_of_greenest_colleges_in_u.s._and_canada_by_princeton

27 http://hpwren.ucsd.edu/news/20180812/

Health Care

Impact on Health Care in California

The impact of UC San Diego does not end on the educational and research campus. The university's 799-bed academic medical center, which is part of UC San Diego Health Sciences, touches the lives of tens of thousands of people in our community each year, through world-class patient care and cutting-edge biomedical discovery.

As part of a nationally ranked research university, UC San Diego School of Medicine and Skaggs School of Pharmacy and Pharmaceutical Sciences faculty members tackle the most difficult medical and pharmaceutical challenges, often deemed too risky for private investors, but with high potential societal and economic value.

Recently, UC San Diego School of Medicine established North America's first translational phage therapy center. Supported with a three-year, $1.2 million grant from Chancellor Pradeep K. Khosla, the Center for Innovative Phage Applications and Therapeutics (IPATH) is developing new weapons against "superbugs"—antibiotic-resistant bacteria, which the World Health Organization estimates will kill at least fifty million people per year by 2050.

Phages are viruses that attack and kill bacteria. Abundant in nature, they are the natural predators of bacteria and highly specific in the microbial species they target.

The catalyst for IPATH's creation was groundbreaking success. Notably, in 2016, UC San Diego School of Medicine researchers, in collaboration with researchers from Texas A&M University and the U.S. Navy, were the first in the nation to successfully treat an antibiotic-resistant *Acinetobacter baumannii* infection with an intravenous phage-based cocktail. The experimental treatment saved the life of a UC San Diego psychiatry professor and sparked national interest in phage therapies as a partial solution to a looming post-antibiotic era.

In 2019, UC San Diego School of Medicine physicians received FDA approval to launch the first U.S. clinical trial of an intravenously administered phage therapy for *Staphylococcus aureus* infections. The therapy will be tested on participants with ventricular assist devices (surgically implanted devices that help the heart pump blood) who have developed these hard-to-treat infections.

Phage therapies are only one example of the impact of university innovation. In a typical year, more than 7,000 people receive early access to the most promising new therapies for cancer, heart disease, diabetes, and other diseases through participation in clinical trials at UC San Diego Health.

Quality of Surgical and Specialty Care

Beyond innovation, UC San Diego Health provides a range of regional services, often unavailable at community hospitals, including:

- The area's only Regional Burn Center, serving San Diego, Imperial, and Riverside counties, as well as portions of Arizona.
- One of two Level I Trauma Centers for adults.
- Two Comprehensive Stroke Centers.
- The region's only National Cancer Institute-designated Comprehensive Cancer Center. The university's medical center treats more cancer patients than any health system in the region and offers the region's only pediatric radiation oncology treatment.
- The state's only advanced certification program for chronic kidney disease care.
- The region's most comprehensive multi-organ transplant program. The five medical centers within the University of California system together perform about half of all organ transplant surgeries in the state.
- Pulmonary thromboendarterectomy (PTE) procedures for pulmonary hypertension. The university's medical center is a global leader in this procedure.
- Owen Clinic, one of America's top centers for HIV care for men, women, and children.
- Anne and Abraham Ratner Children's Eye Center.
- Level III Neonatal Intensive Care Unit for critically ill newborns.
- The region's only Blood and Marrow Transplant Unit with a special full-floor air-filtration system for the highest level of care.

Vision for the Future

The university's medical center has always excelled in advanced tertiary and quaternary specialty care. It now aims to provide exceptional value-based care to the community.

Toward this end, the medical center is focused on expanding its clinical footprint in the San Diego area to improve the community's access to world-class primary and specialty care. Its new clinics, in locations such as Encinitas and Rancho Bernardo, offer consumer-friendly, patient-centered care with modern conveniences such as online appointment scheduling and a "save your spot" feature. This growth model is meeting regional demand for convenient care, as about a third of the medical center's patients are new to UC San Diego Health. The medical center's vision for the future also includes reimagining the sixty-two-acre Hillcrest campus, which is currently home to the 381-bed UC San Diego Medical Center, the site of the original County Hospital that the university began operating in 1966. Long-range plans are underway to build a new hospital to meet the state's seismic safety standards, as well as a new outpatient pavilion and research center. Construction plans also include multi-family

housing to meet smart growth objectives with preserved canyon habitats and landscaped green spaces. The new health care district would continue to serve as a focal point for the university's community service missions. This includes continued commitment to provide medical and mental health care services to the community's most vulnerable people.

Charity Care and Other Benefits to the Community

UC San Diego Health provides exceptional care to some of the region's most seriously ill people and accepts government-sponsored insurance plans, which may not fully cover treatment costs. In FY18, this charity care, along with other programs and services, was valued at more than $423.7 million.

UC SAN DIEGO TOTAL COMMUNITY BENEFIT

Uncompensated Care	**$77.3 Million**
Shortfalls from Medicare, Medi-Cal, and Other Safety-Net Programs	**$289.1 Million**
Education of Health Professionals	**$52.5 Million**
Community Health Services	**$2.9 Million**
Subsidized Health Services	**$1.8 Million**
Total for FY18	**$423.7 Million**

Community

UC San Diego Extension

As UC San Diego campus enrollment continues to break records year after year, UC San Diego Extension also continues to thrive by building bridges to college access, job attainment and job advancement, and cultural awareness. In 2018–19, Extension—an entirely self-supporting entity—produced more than 8,500 courses, workshops, and events attracting nearly 137,000 enrollments, including the economic stimulus of approximately 3,000 international visitors from forty-nine countries.

Extension serves students across the lifespan, including programs that address college preparation, career readiness and growth, professional and executive training, artistic enrichment, and learning in retirement.

More than 4,000 middle and high school students participated in AP courses, Test Prep, Global Environmental Leadership and Sustainability, Sally Ride Science, and other programs exposing them to the rigorous expectations of higher education and its rewards. In addition, Extension assisted more than 10,000 teachers and school administrators who want to enhance their curriculum to ready students for college and career pathways.

Library NExT, a series of workshops and programs on topics including computer programming, robotics, circuits, and 3-D modeling, enrolled 1,900 middle and high school students at eighteen San Diego branch libraries.

Extension also partnered with eighty-six companies and served multiple public and social service organizations with hundreds of certificate programs and on-site trainings. Nearly 25,000 residents of Greater San Diego enrolled in professional development programs thanks to more than 1,400 professional, business, and community advisors and instructors who contribute to the development and relevance of Extension's programs.

UCSD-TV provides another channel for Extension by producing more than 200 original programs each year—reaching two million viewers locally and fifteen million homes nationwide.

Additionally, OSHER Lifelong Learning Institute has over 900 retirement-aged members plugging into the vibrancy of campus to remain culturally and academically invested in our community. UC San Diego's future destination for community engagement, lifelong learning, spirited meetings, civic programs, and arts and cultural experiences is an architecturally dynamic 66,000-square-foot building in Downtown San Diego positioned to enrich the lives of East County, South Bay, and Baja California residents. The multi-faceted live, learn, and play venue will house resources for UC San Diego and Extension students connecting to communities across the region by trolley.

Community Impact

The University of California San Diego plays a key role in providing students, faculty, physicians, and staff the opportunity to connect with the greater community. Outreach and public service are key focus areas and the campus is committed to extending, applying, and exchanging knowledge between itself and the community by offering programs supported by student, faculty, and staff expertise in collaboratively addressing some community problems. This helps to provide organizations and individuals with potential solutions needed for their changing environments.

UC San Diego employees and students engage with community members through volunteer work and charitable donations, generating an estimated $79.7 million annually across California. This is in addition to the more than $16.5 billion in economic impact that UC San Diego generates for the state.

The Center for Community-Engaged Learning works with partners to provide opportunities for students to take part in off-campus experiential learning through community work and place-based educational programs. In FY18, Tripp Umbach estimates that UC San Diego employees and students provided the equivalent of $70.4 million in volunteer hours in local communities.[28] Examples of these organizations include the following:

- The UC San Diego Student-Run Free Clinic project, started in 1997, has quickly turned into a five-location program that brings care and compassion to those in the community who need it. Medical and pharmacy students from UC San Diego provide community members care and health education. This includes medical services, dental services, pharmacy access, acupuncture, legal services, health counseling and education, as well as social and community service need referrals.

- Collections and donation programs at annual holiday parties for the San Diego Food Bank and in August for San Diego Unified school supplies.

- Scripps Institution of Oceanography and UC San Diego sustainability and zero waste initiatives.

- The Sally Ride Science Junior Academy offers fun learning experiences in science, technology, and engineering, with applied mathematics and art design (STEAM), especially for girls entering grades six through twelve. During these workshops, students assume the roles of space explorer, ocean engineer, or computer scientist as they immerse themselves in hands-on projects.

- CREATE STEM Success Initiative (CSSI) was launched by Chancellor Khosla in 2013 and works with campus and community partners to design grants, outreach, and education projects to meet the needs of those in the regional K–20 STEM education pipeline (kindergarten through graduate school). As of this year the program has:

    - Connected volunteers with 657 K–20 STEM projects
    - Helped campus and community colleagues submit 209 grants and/or contracts, and funded projects supporting STEM research and education with ninety-six awards totaling $37 million
    - Completed more than eighty evaluations
    - Provided more than 200 teacher professional development efforts impacting thousands of students
    - Supported 690 additional K–20 STEM service or outreach and education projects
    - Assisted new K–20 student success efforts reaching more than 10,000 students directly

- Diamond Neighborhood Projects is a UC San Diego Extension partnership with CB Richard Ellis that works with Jacobs Center for Neighborhood Innovation on a variety of projects providing data to empower organizations to make positive changes in their community.

Impact of UC San Diego Students and Alumni

UC San Diego is a renowned public research institution that contributes to the vitality of California and has, in a relatively short span of time, produced alumni and students who actively contribute to their companies and communities on an array of levels. By producing highly educated, global citizens with its more than 200,000 alumni, UC San Diego continues to shape a skilled workforce that will transform and lead organizations throughout the world. UC San Diego has a substantial number of graduates who are first-generation college graduates. In 2018, the proportion of first-generation graduates who received an undergraduate degree was 42 percent. This means that of the 7,445 undergraduate degrees awarded, 3,153 were first-generation.[29]

UC San Diego Enriches the Current and Future Workforce

UC San Diego conferred more than 9,800 degrees during FY18, contributing to the talent pool of human capital throughout the state. A degree from UC San Diego increases a graduate's value and earning potential in the job market.

Using data for median annual earnings, a bachelor's degree earned at a university increases a graduate's salary, compared with a person possessing only a high school diploma, by an average of about $21,100 a year (from $35,400 to $56,500). A master's degree earned at a university increases a graduate's salary, compared with a graduate with only a bachelor's degree, by an average of about $13,500 a year (from $56,500 to $70,0000).[30]

In academic year 2017–18, UC San Diego awarded 7,445 undergraduate degrees. For the undergraduate class of 2018, the increased earning power in their first year of employment equates to the creation of $157 million in salary for these students. A similar analysis applied to the 2,821 graduate degrees awarded in the same academic year equates to another $38 million of value created for these students' first year of employment. Therefore, on an annual basis, UC San Diego creates $195 million of additional earning power for members of each graduating class. This impact is in addition to the impact of the campus's operations and this increased earning power translates to increased spending by alumni in California.

The contributions of UC San Diego graduates are important to the economic vitality of the state of California. Historically, 72 percent of the more than 200,000 UC San Diego alumni stay in California after graduating;[31] approximately 144,000 UC San Diego alumni live, work, and generate impact within the state.

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29 This was determined by using a self-reported application question that neither their mother nor father had a four-year degree.

30 College Board. Education Pays 2013: The Benefits of Higher Education for Individuals and Society;
https://research.collegeboard.org/pdf/education-pays-2013-full-report.pdf

31 Per the data collected from UC San Diego.

UC San Diego in the Future

UC San Diego has made a tremendous impact in the region in a relatively short time. The campus continues to grow and expand, maintaining its standards of excellence in all domains, and will continue to grow for a number of years.[32] [33]

A. By 2023, the economic impact of UC San Diego in the state of California is expected to have grown by 13.9 percent to more than $18.8 billion. In San Diego County, the impact is expected to grow by 12.2 percent to $12.9 billion annually. And in the City of San Diego, this impact is expected to increase by 17.2 percent to $10.9 billion annually.

B. Tripp Umbach estimates that by 2023 the employment impact of UC San Diego in California is expected to grow by 5.6 percent to support or sustain more than 106,650 jobs. In San Diego County, the employment impact is expected to grow by 2.8 percent to support or sustain 76,145 jobs locally. Finally, in the City of San Diego, this growth is expected to be 7.3 percent by 2023, supporting or sustaining an estimated 67,080 jobs annually in the City of San Diego.[34]

C. By the year 2023, the estimated state and local tax impacts generated by UC San Diego will increase across California to $968.2 million annually. The estimated state and local tax impacts in San Diego County will increase incrementally to $730.7 million annually and to $511.2 million annually in the City of San Diego

Source: Tripp Umbach findings using data obtained by UC San Diego

A. Expected Economic Impact Growth 2018–23

Bar chart showing:
- CALIFORNIA: 2018 $16.5 B, 2023 $18.8 B
- SAN DIEGO COUNTY: 2018 $11.5 B, 2023 $12.9 B
- CITY OF SAN DIEGO: 2018 $9.3 B, 2023 $10.9 B
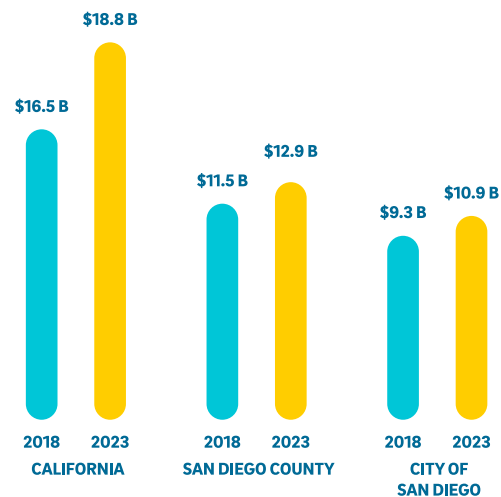
B. Expected Employment Impact Growth 2018–23 (In Jobs)

Bar chart showing:
- CALIFORNIA: 2018 100,992, 2023 106,650
- SAN DIEGO COUNTY: 2018 74,071, 2023 76,145
- CITY OF SAN DIEGO: 2018 62,516, 2023 67,080
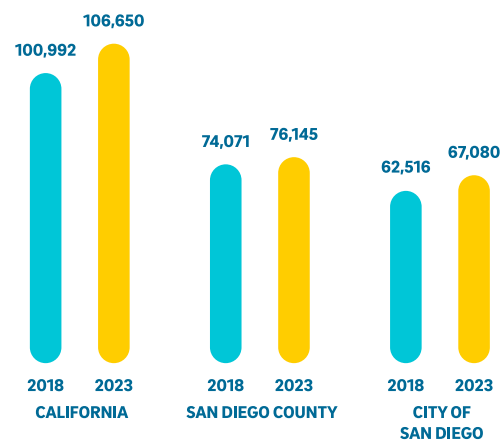
C. Expected State and Local Tax Impact Growth 2018–23

Bar chart showing:
- CALIFORNIA: 2018 $940.6 M, 2023 $968.2 M
- SAN DIEGO COUNTY: 2018 $726.7 M, 2023 $730.7 M
- CITY OF SAN DIEGO: 2018 $493.7 M, 2023 $511.2 M
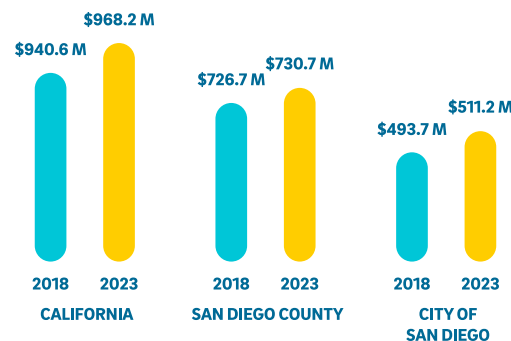
32 The growth projections are based on data provided by UC San Diego or the current baseline was used.

33 The impacts are all based in 2018 dollars.

34 Each of these geographies were analyzed alone and therefore each of the outcomes from the geographies are not dependent on the others with the exception of the nesting of geographies.

The UC San Diego Blue Line

UC San Diego's unwavering commitment to the environment and to the community has resulted in a collaboration with the San Diego Association of Governments (SANDAG) to implement the *Mid-Coast Corridor Transit Project*, an eleven-mile addition to the Blue Line Trolley which will supply transportation from Santa Fe Depot in San Diego to University City. This addition will provide access to locations such as Old Town, UC San Diego, and Westfield UTC with nine trolley stations to be added at the following locations: Tecolote Road, Clairemont Drive, Balboa Avenue, Nobel Drive, VA Medical Center, UC San Diego west campus, UC San Diego east campus, Executive Drive, and the Westfield UTC transit center.

Once this project is completed (scheduled for 2021), this extension will contribute additional commuting options to campus, help to alleviate some of the overcrowding of the roadways, expand public transportation, and provide access to the existing trolley routes. In addition to supplying more convenient commuting options to the campus community, the campus is also helping to reduce their carbon footprint. Outside of this current initiative, UC San Diego has invested in many other projects in an effort to ease traffic and provide more access points in and out of campus.

Impact of Potential East Campus Expansion

Tripp Umbach evaluated the economic and fiscal benefits that will potentially be generated if deed restrictions are lifted on land currently owned by the Regents of the University of California at the San Diego campus. The university has substantial operations in the La Jolla community but is also looking to add new facilities over a period of approximately eight years. Some or all of the proposed projects may be developed through public-private partnerships between the campus and private developers/operators. The following analysis determined that while UC San Diego is a major enterprise which currently generates significant fiscal and economic impacts annually in the City of San Diego and beyond, the future growth potential of the campus will result in even greater impacts in the city as well as benefits to the community through both business and employment growth and new tax revenues. The projects that are being considered in this expansion study are:

Hotel and Conference Center[35]

The construction for this 210,000 gross square foot facility, if approved, is estimated for the purposes of this study to commence in 2022 and end in 2024. This center would contain a 300-room dual branded hotel with 200 full-service rooms and 100 extended stay rooms and an approximate 318-stall parking structure. The facility would also contain a full-service three meal restaurant and cocktail lounge as well as a breakfast buffet, grab-and-go market, and a 35,000 square foot conference facility. The daily operations of this project are scheduled to begin in 2025.

Intergenerational Housing

The construction for this 220,000 gross square foot facility is also estimated to begin in 2022 and end in 2024. This facility is anticipated to contain 177,000 of rentable square feet and would contain 200 rentable units for retired faculty and staff housing. The daily operations of this project are projected to begin in 2025.

Wellness Center

The construction for this 130,000 gross square foot multi-purpose center is also estimated for the purposes of this analysis to commence in 2022 and end in 2024. This center is currently designed to be an extension to the health system with therapy pools, recuperative medicine, classrooms, wellness education programs, a gym and spa, as well as other services designed to assist with therapies and the health education of patients and community members. The daily operations of this project are projected to begin in 2025.

Research Office Space

This 350,000 gross square foot office building is estimated to be constructed between 2025 and 2027 with anticipated occupancy by private industry partners of UC San Diego specializing in clinical and life sciences or technology research. These third-party researchers would have access to the local talent at UC San Diego as a resource through collaborative research affiliation agreements. The project would include approximately 1,050 structured parking spaces both above and below ground. The daily operations of this project are projected to begin in 2027.

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35 All estimates on spending on both construction and operations were generated and provided to Tripp Umbach by UC San Diego. If only initial year operations were available Tripp Umbach estimated the spending using a flat 2.5 percent for inflation which is rather conservative. Additionally, all dollars in this report are reported in static 2018 dollars.

Technology Research Office Space

This research office and lab facility is proposed to be constructed as an approximate 75,000 gross square foot office building from 2026 through 2028. This center is envisioned as an additional public-private collaboration space for third party research in technology as well as lab and research space for life science companies. The daily operations of this project are projected to begin in 2028.

High-end Health Clinic Research Space

This approximate 200,000 gross square foot facility is estimated to be constructed between 2028 and 2030 with the vision of being a high-end health clinic with public and private clinical and research offices throughout. This space will be utilized for groundbreaking research groups who would like to take advantage of the close proximity to the intellectual capital of the UC San Diego faculty, students, and alumni. This building would also include approximately 600 above and/or below ground parking stalls. The daily operations of this project are scheduled to begin in 2030.

Construction Impact During 2022–24 Projects (Hotel and Conference Center, Intergenerational Housing, and Wellness Center)

- Total Economic Impact on the City of San Diego: $355.3 million over the period of construction.[36]
- Total Employment Impact on the City of San Diego: 2,409 temporary jobs over the period of construction.
- Total state and local government revenue impact will be $14.7 million over the period of construction.

Construction Impact During 2025–27 Project (Research Office Space)

- Total Economic Impact on the City of San Diego: $599.4 million over the period of construction.
- Total Employment Impact on the City of San Diego: 6,137 temporary jobs over the period of construction.
- Total state and local government revenue impact will be $27 million over the period of construction.

Construction Impact During 2026–28 Projects (Technology Research Office Space)

- Total Economic Impact on the City of San Diego: $95.9 million over the period of construction from 2026 to 2028.
- Total Employment Impact on the City of San Diego: 618 temporary jobs over the period of construction.
- Total state and local government revenue impact will be $4 million over the period of construction.

Construction Impact During 2028–30 Projects (High-end Health Clinic Research Space)

- Total Economic Impact on the City of San Diego $342.5 million over the period of construction.
- Total Employment Impact on the City of San Diego: 3,507 temporary jobs over the period of construction.
- Total state and local government revenue impact will be $15.5 million over the period of construction.

Projected Impact of the East Campus Additional Operations over Twenty Years

- Total Economic Impact on the City of San Diego: $1.6 billion.
- Total Employment Impact on the City of San Diego: between 374 annual jobs in the early stages and 746 annual jobs once the projects are completed and fully operating.
- Total state and local government revenue impact for proposed UC San Diego East Campus expansion projects is estimated at $80.1 million.

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36 These impacts are determined by annual figures for the project period. If the project is delayed and takes more than twelve months the impacts would be less per year but the same per project. This is the case for each of the construction impacts. Each construction analysis is done per project, but the impacts of the facilities once completed are annual impacts.

Impacts by Building and Year

Hotel and Conference Center

Year Construction Period	Economic Impact	Employment Impact	Government Revenue Impact
(2022–24)	$75,764,023	825 jobs	$4,975,708
2025	$23,503,733	196 jobs	$1,460,809
2026	$24,696,691	201 jobs	$1,529,424
2027	$25,685,961	209 jobs	$1,590,689
2028	$26,444,353	215 jobs	$1,637,655
2029	$27,224,664	222 jobs	$1,685,978
2030	$28,022,510	228 jobs	$1,735,387
2031	$28,858,348	235 jobs	$1,787,150
2032	$29,704,415	242 jobs	$1,839,544
2033	$30,581,169	249 jobs	$1,893,840
2034	$31,487,148	256 jobs	$1,949,945
2035	$32,116,891	262 jobs	$1,988,945
2036	$32,759,229	267 jobs	$2,028,723
2037	$33,414,414	272 jobs	$2,069,299
2038	$34,082,701	278 jobs	$2,110,684
2039	$34,764,356	283 jobs	$2,152,898
2040	$35,459,643	289 jobs	$2,195,956
2041	$36,168,836	295 jobs	$2,239,875
2042	$36,892,212	300 jobs	$2,284,673
2043	$37,630,057	306 jobs	$2,330,366
2044	$38,382,658	13 jobs	$2,376,973

Intergenerational Housing

Year Construction Period	Economic Impact	Employment Impact	Government Revenue Impact
(2022–24)	$44,533,381	809 jobs	$5,138,934
2025	$2,963,151	14 jobs	$132,859
2026	$3,050,175	14 jobs	$135,634
2027	$3,141,680	14 jobs	$139,704
2028	$3,235,931	15 jobs	$143,895
2029	$3,333,009	15 jobs	$148,211
2030	$3,432,999	16 jobs	$152,659
2031	$3,535,989	16 jobs	$157,238
2032	$3,642,069	16 jobs	$161,955
2033	$3,751,331	17 jobs	$166,814
2034	$3,863,871	17 jobs	$171,818
2035	$3,979,787	18 jobs	$176,973
2036	$4,099,181	19 jobs	$182,281
2037	$4,222,156	19 jobs	$187,750
2038	$4,348,821	20 jobs	$193,383
2039	$4,479,285	20 jobs	$199,185
2040	$4,613,664	21 jobs	$205,160
2041	$4,752,074	21 jobs	$211,315
2042	$4,894,636	22 jobs	$217,654
2043	$5,041,475	23 jobs	$224,183
2044	$5,192,719	23 jobs	$230,909

Wellness Center

Year Construction Period	Economic Impact	Employment Impact	Government Revenue Impact
(2022–24)	$113,024,203	776 jobs	$4,619,517
2025	$12,528,828	164 jobs	$687,521
2026	$12,842,050	168 jobs	$704,710
2027	$13,163,098	173 jobs	$722,327
2028	$13,492,178	177 jobs	$740,386
2029	$13,829,481	181 jobs	$758,895
2030	$14,175,219	186 jobs	$777,867
2031	$14,529,599	190 jobs	$797,314
2032	$14,892,840	195 jobs	$817,246
2033	$15,265,160	200 jobs	$837,678
2034	$15,646,790	205 jobs	$858,620
2035	$16,042,343	210 jobs	$880,357
2036	$16,438,909	216 jobs	$902,089
2037	$16,849,880	221 jobs	$924,640
2038	$17,271,128	226 jobs	$947,756
2039	$17,702,905	232 jobs	$971,451
2040	$18,145,478	238 jobs	$995,736
2041	$18,599,116	244 jobs	$1,020,628
2042	$19,064,093	250 jobs	$1,046,144
2043	$19,540,695	256 jobs	$1,072,299
2044	$20,029,213	263 jobs	$1,099,106

Research Office Space

Year Construction Period	Economic Impact	Employment Impact	Government Revenue Impact
(2025–27)	$599,375,634	6,137 jobs	$27,046,268
2027	$12,399,730	164 jobs	$439,821
2028	$12,709,723	168 jobs	$450,817
2029	$13,027,467	173 jobs	$462,087
2030	$13,353,154	177 jobs	$473,641
2031	$13,686,982	181 jobs	$485,482
2032	$14,029,156	186 jobs	$497,619
2033	$14,379,885	190 jobs	$510,059
2034	$14,739,382	195 jobs	$522,811
2035	$15,107,867	200 jobs	$535,880
2036	$15,485,564	205 jobs	$549,278
2037	$15,872,703	210 jobs	$563,009
2038	$16,269,520	216 jobs	$577,085
2039	$16,676,259	221 jobs	$591,512
2040	$17,093,165	226 jobs	$606,301
2041	$17,520,493	232 jobs	$621,458
2042	$17,958,507	238 jobs	$636,994
2043	$18,407,469	244 jobs	$652,918
2044	$18,867,657	250 jobs	$669,241
2045	$19,339,347	256 jobs	$685,973
2046	$19,822,830	263 jobs	$703,121

Technology Research Office Space

Year Construction Period	Economic Impact	Employment Impact	Government Revenue Impact
(2026–28)	$95,893,767	618 jobs	$3,953,194
2028	$2,657,085	12 jobs	$94,248
2029	$2,723,512	12 jobs	$96,604
2030	$2,791,599	13 jobs	$99,019
2031	$2,861,391	13 jobs	$101,495
2032	$2,932,924	13 jobs	$104,031
2033	$3,006,248	14 jobs	$106,632
2034	$3,081,404	14 jobs	$109,298
2035	$3,158,438	14 jobs	$112,031
2036	$3,237,400	15 jobs	$114,832
2037	$3,318,335	15 jobs	$117,703
2038	$3,401,293	15 jobs	$120,646
2039	$3,486,326	16 jobs	$123,662
2040	$3,573,485	16 jobs	$126,753
2041	$3,662,821	17 jobs	$129,923
2042	$3,754,392	17 jobs	$133,169
2043	$3,848,251	17 jobs	$136,499
2044	$3,944,457	18 jobs	$139,912
2045	$4,043,069	18 jobs	$143,409
2046	$4,144,146	19 jobs	$146,994
2047	$4,247,750	19 jobs	$150,670

High-end Health Clinic Research Space

Year Construction Period	Economic Impact	Employment Impact	Government Revenue Impact
(2028–30)	$342,500,362	3,507 jobs	$15,455,011
2030	$7,085,560	32 jobs	$251,328
2031	$7,262,699	33 jobs	$257,610
2032	$7,444,267	34 jobs	$264,050
2033	$7,630,374	34 jobs	$270,653
2034	$4,957,029	35 jobs	$277,418
2035	$5,080,954	36 jobs	$284,353
2036	$8,217,077	37 jobs	$291,462
2037	$8,422,504	38 jobs	$298,749
2038	$8,633,067	39 jobs	$306,217
2039	$8,848,894	40 jobs	$313,873
2040	$9,070,116	41 jobs	$321,720
2041	$9,296,868	42 jobs	$329,763
2042	$9,529,291	43 jobs	$338,007
2043	$9,767,524	44 jobs	$346,457
2044	$10,011,711	45 jobs	$355,118
2045	$10,262,004	46 jobs	$363,997
2046	$10,518,554	47 jobs	$373,096
2047	$10,781,517	49 jobs	$382,423
2048	$11,051,055	50 jobs	$391,984
2049	$11,327,332	51 jobs	$401,783

All Projects Together Over Twenty Years of Operation

Year Construction Period	Economic Impact	Employment Impact	Government Revenue Impact
2025	$38,995,712	374 jobs	$2,281,189
2026	$40,588,916	383 jobs	$2,369,768
2027	$54,390,469	452 jobs	$2,892,541
2028	$58,539,270	476 jobs	$3,067,001
2029	$60,138,133	489 jobs	$3,151,775
2030	$68,861,041	534 jobs	$3,489,901
2031	$70,735,008	549 jobs	$3,586,289
2032	$72,645,671	563 jobs	$3,684,445
2033	$74,614,167	579 jobs	$3,785,676
2034	$73,775,624	594 jobs	$3,889,910
2035	$75,486,280	608 jobs	$3,978,539
2036	$80,237,360	622 jobs	$4,068,665
2037	$82,099,992	636 jobs	$4,161,150
2038	$84,006,530	651 jobs	$4,255,771
2039	$85,958,025	666 jobs	$4,352,581
2040	$87,955,551	681 jobs	$4,451,626
2041	$90,000,208	697 jobs	$4,552,962
2042	$92,093,131	713 jobs	$4,656,641
2043	$94,235,471	729 jobs	$4,762,722
2044	$96,428,415	746 jobs	$4,871,259

Business Volume Impact—Enhancing the Economy of the City of San Diego

In 2018, UC San Diego generated $9.3 billion within the economy of the City of San Diego, including $4.3 billion in direct spending by the campus. The ripple effect, in turn, supported $5 billion in additional economic activity generated by the operations of other organizations, businesses, visitors, students, and vendors in the city that support UC San Diego.

During the proposed expansion, the impact UC San Diego will have on the City of San Diego will increase dramatically. By the year 2025, the impact the campus will have on the City of San Diego is expected to increase by nearly $39 million. In the first year of all six proposed new buildings operating (2030), the impact of UC San Diego will increase by nearly $68.9 million.

Employment Impact—Creating Jobs in the City of San Diego

In 2018, UC San Diego supported a total of 62,516 jobs in the City of San Diego. This total employment impact includes more than 20,619 jobs which are directly employed by UC San Diego and indirect jobs that support those directly employed by the campus. Indirect jobs include jobs created for supply and equipment vendors, contractors, and laborers and jobs created in the community at hotels, restaurants, and retail stores. These direct and indirect jobs also create a need for additional employees in governmental and service facilities such as schools and daycare centers.

UC San Diego's projected growth will continue to have a strong impact and will support an estimated 375 additional permanent jobs directly and indirectly within the first year of expanded operations in 2025.

Government Revenue Impact—Generating Revenue for the State and Local Economy

While many of the nation's colleges and universities are not-for-profit institutions, governments still receive substantial revenues as a result of both the direct and indirect influence of these organizations. The Tripp Umbach model calculated the direct and the indirect revenue benefits accruing to the state and local government from sources such as local business sales, corporate net income, and capital stock/franchise taxes. The operations of UC San Diego in 2018 generated $493.7 million in state and local tax revenues and it is projected that by the year 2025 UC San Diego will generate nearly $2.3 million in additional state and local tax revenues due to the proposed new construction expansion. In the first year of all six proposed new buildings operating (2030), the state and local government impact of UC San Diego will increase by $3.5 million. This is in addition to the taxes already being generated by UC San Diego.

Construction Economic Impact—The East Campus Expansion

The proposed expansion of UC San Diego's East Campus will significantly increase the physical structure of the campus and enhance UC San Diego's impact on the financial health of the city, regional, and state economies, while also attracting patients from outside of the county and state through world-renowned medical care and facilities, research development and applications, and community benefit. The projections quantified in this section of the report focus solely on the anticipated economic and employment impact of the expansion on the City of San Diego and are in addition to operational and fiscal impacts presented earlier in this report.

The planned expansion and addition of services will in itself generate $888.8 million in direct and indirect impact to the City of San Diego's economy. The east medical campus expansion will generate an additional $1.4 billion in spending through the entire construction period. Facility expansion will also drive additional employment in the City of San Diego, with an estimated 12,670 additional jobs supported during the construction period. The construction period will also generate an additional $61.2 million in state and local taxes.

Study Background and Methodology

Economic Impact Study Background

In July 2018, Tripp Umbach was retained by UC San Diego to provide comprehensive analysis on the economic, employment, government revenue, and community benefits that arise from campus operations. Impact analysis was conducted to measure these effects throughout the state of California, San Diego County,[37] and the City of San Diego. The influence that UC San Diego has on the vitality of the economy in the region and state includes the following elements:

- Economic impact of the campus
- Business volume impacts (UC San Diego capital expenditures, operational expenditures, and payroll)
- Direct, indirect, and induced employment impacts
- Government revenue impacts at the local and state levels
- The impact of spending by employees in the local economy on goods and services
- The impact of visitor spending on the economy (wage premiums, job creation, etc.)
- The impact of student spending in the region (retail/merchandise, hospitality, etc.)
- The impact of the attraction of external research dollars, the commercialization of research discoveries, and the impacts on the economic development throughout the region
- The impact that employees and students have on the community through donations and volunteer work

This economic impact analysis measures the effect of direct, indirect, and induced economic, employment, and government revenue impacts for the campus. For the purposes of the impact analysis, UC San Diego is defined as the combined impacts of the campus and all operations that fall into the campus's budget.

Methodology Employed in the Economic Impact Study

Tripp Umbach's economic impact analysis measures the direct, indirect, and induced business volume and government tax revenue generation of the University of California San Diego's operations throughout the state of California, San Diego County, and the City of San Diego for FY18. UC San Diego provided Tripp Umbach with the following primary data used to conduct the analysis: capital expenditures, operational expenditures, number of employees, payroll and benefits, taxes paid to local and state governments, visitation numbers for events on campus, number of students, research expenditures, and proportions of students who live on and off campus to accurately measure their spending in the local area. Tripp Umbach utilized IMPLAN to complete the economic impact analysis.[38] Economic impact begins when an organization spends money. Studies measuring economic impact capture the direct economic impact of an organization's spending, plus additional indirect and induced spending in the economy as a result of direct spending. Visitor and student spending in the region are also a substantial component of the economic impact of an organization. Visitors and students spend money, which filters through the economy and supports local jobs, for retail purchases, lodging, restaurants, and other goods and services.[39]

The total economic impact of UC San Diego includes the campus's spending on goods and services with a variety of vendors; the spending of UC San Diego's faculty, staff, students, and visitors; and the business volume generated by affiliated organizations within the regions and the state. Not all dollars spent by an institution remain in the institution's home state. Dollars that go out of the state in the form of spending with out-of-state organizations or people are not included in the campus's economic impact. The economic impact values presented in this report are generated by direct, indirect, and induced operational spending, capital spending, payroll, visitor spending, and student spending within California, San Diego County, and the City of San Diego.

COMPONENTS OF ECONOMIC IMPACT

WHAT IS INCLUDED IN THE ECONOMIC IMPACT?

- Operational Spending
- Capital Spending
- Research Spending
- Number of Employees
- Salaries and Benefits
- Visitor Spending
- Student Spending

WHAT IS NOT INCLUDED IN THE ECONOMIC IMPACT?

- Research Commercialization
- In-State Alumni Impact
- Attraction Power
- Knowledge and Expertise
- Arts and Culture

Source: Tripp Umbach, using IMPLAN results from data obtained through UC San Diego

Appendix A: Definition of Terms

Study Year
Fiscal Year 2018 (July 1, 2017 to June 30, 2018)

Total Industry Output
The total impact of an organization includes the spending of the organization, the labor income expenditures, and the value added to the economy as a result of the organizational spending; this is described as the total industry output.

Total Economic Impact
The total impact of an organization is a compilation of the direct impact, the indirect impact, and the induced impact generated in the economy as a result of the organization.

Direct Economic Impact
Direct impact includes all direct effects the organization has on the region due to the organization's operations. These include direct employees, organizational spending, employee spending, and spending by students and visitors to the organization.

Indirect Economic Impact
The indirect impact includes the impact of local industries buying goods and services from other local industries. The cycle of spending works its way backward through the supply chain until all money is spent outside of the local economy, either through imports or by payments to value added.

Induced Economic Impact
The response by an economy to an initial change (direct effect) that occurs through respending of income received by a component of value added. IMPLAN's default multiplier recognizes that labor income (employee compensation and proprietor income components of value added) is not lost to the regional economy. This money is recirculated through household spending patterns causing additional local economic activity.

Multiplier Effect
The multiplier effect is the additional economic impact created as a result of the organization's direct economic impact. Local companies that provide goods and services to an organization increase their purchasing by creating a multiplier.

Appendix B: Technical Appendix

IMPLAN Methodology Definitions

The economic impact of the University of California San Diego was estimated using IMPLAN (IMpact Analysis for PLANning), an econometric modeling system developed by applied economists at the University of California and the U.S. Forest Service. The IMPLAN modeling system has been in use since 1979 and is used by more than 500 private consulting firms, university research centers, and government agencies. The IMPLAN modeling system combines the U.S. Bureau of Economic Analysis' Input-Output Benchmarks with other data to construct quantitative models of trade flow relationships between businesses and between businesses and final consumers. From this data, one can examine the effects of a change in one or several economic activities to predict its effect on a specific state, regional, or local economy (impact analysis). The IMPLAN input-output accounts capture all monetary market transactions for consumption in a given time period. The IMPLAN input-output accounts are based on industry survey data collected periodically by the U.S. Bureau of Economic Analysis and follow a balanced account format recommended by the United Nations.

IMPLAN's Regional Economic Accounts and the Social Accounting Matrices were used to construct state- and regional-level multipliers, which describe the response of the economy to a change in demand or production as a result of the activities and expenditures of UC San Diego. Each industry that produces goods or services generates demand for other goods and services, and this demand is multiplied through a particular economy until it dissipates through "leakage" to economies outside the specified area. IMPLAN models discern and calculate leakage from local, regional, and state economic areas based on workforce configuration, the inputs required by specific types of businesses, and the availability of both inputs in the economic area. Consequently, economic impacts that accrue to other regions or states as a consequence of a change in demand are not counted as impacts within the economic area.

The model accounts for substitution and displacement effects by deflating industry-specific multipliers to levels well below those recommended by the U.S. Bureau of Economic Analysis. In addition, multipliers are applied only to personal disposable income to obtain a more realistic estimate of the multiplier effects from increased demand. Importantly, IMPLAN's Regional Economic Accounts exclude imports to an economic area, so the calculation of economic impacts identifies only those impacts specific to the economic impact area. IMPLAN calculates this distinction by applying Regional Purchase Coefficients (RPC) to predict regional purchases based on an economic area's particular characteristics. The RPC represents the proportion of goods and services that will be purchased regionally under normal circumstances, based on the area's economic characteristics described in terms of actual trade flows within the area.

Employment Definitions

IMPLAN analysis is conducted to measure jobs/positions (part-time or full-time), not full-time equivalents (FTE). Full-time and part-time employees generate impact in the economy and support additional indirect and induced employment throughout the state of California. Employment data for UC San Diego was provided as an output of all individuals who receive a paycheck from the institution. This includes all full-time and part-time employed faculty, staff, and students.

Government Revenue Impact Definition

Government revenue impacts generated in the current FY18 study included all taxes paid by UC San Diego to the state of California and each defined Economic Development Region (i.e., payroll, property, sales, unemployment, income, and any other taxes paid to the state and local government). Any federal taxes paid by UC San Diego were not included in the government revenue impacts (i.e., FICA payments).

Visitor Definitions

Impact analysis looks to quantify the impact of the attraction of "fresh" dollars to a region. Therefore, when including visitor spending in the impact analysis of a university, the analysis will include only those visitors coming to a region from outside of said region. Visitors to events who also live in the region would have spent their dollar in that region otherwise; therefore, this dollar was not attracted to the region as a result of the organization being analyzed.

For UC San Diego, the impact analysis looked at impacts to the state of California and each defined Economic Development Region. Visitors to UC San Diego were counted only if they were from outside of said region being analyzed.

Community Benefits

Community benefits provided in this report outline two forms of impact—monetary donations made by employees and students to local nonprofits and volunteer hours that are valued at a monetary value.

- Tripp Umbach has conducted survey research to estimate the amount of monetary donations a student, staff, and faculty will spend in a year. This amount differs per individual but ranges from $500 to $700. Tripp Umbach also understands that not all individuals donate; therefore, this is adjusted as well.
- The value of a volunteer hour has been quantified by Independent Sector to be $29.09 per individual per hour. Tripp Umbach utilized this value with the understanding (also from survey research) of the average number of hours faculty, staff, and students engage in volunteer activities (estimated 100 hours per year, for 50 percent of the employees and students).

Appendix C: Data Tables

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
07974	$2,323	$-	$-	$7	$110	$25	1
08034	$8,282	$-	$-	$22	$541	$92	1
08071	$76,024	$-	$-	$5,152	$12,854	$18,063	1
08108	$30,856	$-	$-	$659	$2,458	$6,095	1
08502	$1,298	$-	$-	$-	$-	$14	1
08536	$-	$-	$-	$-	$-	$-	0
08550	$2,295	$-	$-	$32	$181	$25	0
08558	$18,420	$-	$-	$262	$1,269	$199	1
08735	$14,798	$7.50	$-	$878	$2,606	$814	0
08736	$5,213	$-	$-	$100	$390	$103	0
08816	$3,081	$-	$-	$-	$-	$43	0
08820	$213	$-	$-	$-	$2	$2	0
08822	$42,899	$-	$-	$2,608	$6,940	$11,022	0
08823	$3,071	$-	$-	$68	$358	$35	0
08873	$7,874	$-	$-	$42	$583	$85	1
08902	$486	$-	$-	$-	$2	$5	0
10009	$86	$-	$-	$-	$-	$29	0
10010	$1,322	$-	$-	$12	$94	$26	0
10012	$13,624	$-	$-	$159	$842	$157	1
10013	$161,300	$-	$-	$11,687	$29,912	$40,529	1
10014	$1,254	$-	$-	$77	$255	$14	0
10019	$71,258	$-	$-	$3,437	$10,634	$713	1
10021	$7,240	$-	$-	$37	$200	$630	0
10023	$1,989	$-	$-	$21	$134	$31	0
10024	$145,628	$-	$-	$2,667	$26,904	$9,830	1
10025	$26,434	$-	$-	$432	$2,062	$5,887	1
10028	$51,631	$-	$-	$2,127	$7,286	$1,022	1
10032	$19,299	$-	$-	$282	$1,517	$5,371	0
10033	$4,353	$-	$-	$7	$251	$47	1
10461	$4,162	$-	$-	$156	$380	$666	0
10463	$25,261	$-	$-	$862	$1,506	$4,820	0
10528	$4,193	$-	$-	$133	$447	$55	0
10549	$2,258	$-	$-	$-	$15	$25	0
10804	$6,445	$-	$-	$-	$-	$70	1
10925	$46	$-	$-	$-	$11	$-	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
10956	$-	$-	$-	$-	$-	$158	1
10989	$4,290	$-	$-	$-	$177	$47	1
11040	$2,544	$-	$-	$56	$170	$39	0
11101	$64,493	$-	$-	$2,673	$6,276	$1,277	1
11201	$17,502	$-	$-	$206	$1,345	$195	1
11207	$2,295	$-	$-	$24	$200	$220	0
11209	$926	$-	$-	$-	$-	$10	0
11211	$2,960	$-	$-	$-	$133	$32	1
11217	$121,500	$-	$-	$7,836	$21,229	$33,725	1
11218	$636	$-	$-	$-	$35	$114	0
11222	$2,940	$-	$-	$50	$232	$34	0
11234	$122,604	$-	$-	$8,050	$21,320	$2,524	1
11249	$5,874	$-	$-	$44	$460	$68	0
11357	$1,500	$-	$-	$142	$347	$17	0
11378	$(2,105)	$-	$-	$(101)	$(294)	$(25)	0
11554	$1,322	$-	$-	$12	$94	$26	0
11570	$16,921	$-	$-	$235	$1,596	$195	1
11721	$2,574	$-	$-	$45	$198	$500	0
11724	$2,091	$-	$-	$-	$-	$23	0
11756	$33,000	$-	$-	$612	$3,117	$365	1
11758	$6,033	$-	$-	$-	$393	$65	1
11768	$319	$-	$-	$-	$-	$3	0
11788	$942	$-	$-	$9	$63	$11	0
12180	$77,140	$14,000.00	$2,200	$945	$4,354	$21,855	1
12401	$13,351	$-	$-	$884	$2,447	$562	0
12603	$17,701	$-	$-	$877	$2,686	$350	0
13114	$3,495	$-	$-	$26	$360	$48	0
13215	$6,178	$-	$-	$-	$67	$67	1
13219	$5,040	$-	$-	$-	$481	$63	0
13323	$30,198	$-	$-	$614	$3,295	$330	1
13669	$19,864	$-	$-	$-	$2,701	$228	1
13850	$2,417	$-	$-	$29	$174	$22	0
14086	$1,347	$-	$-	$15	$90	$23	0
14261	$111	$-	$-	$-	$1	$1	0
14450	$4,385	$-	$-	$221	$863	$(376)	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
14850	$17,151	$-	$-	$488	$2,198	$479	0
15071	$125,262	$-	$-	$6,611	$15,636	$2,480	1
15143	$22,053	$-	$-	$1,177	$4,034	$2,831	0
15201	$1,589	$-	$-	$7	$102	$18	0
15217	$13,530	$-	$-	$1,016	$2,885	$2,640	0
15220	$2,511	$-	$-	$-	$-	$67	0
15224	$7,600	$-	$-	$-	$1,270	$93	0
15367	$1,440	$-	$-	$-	$10	$16	1
16226	$8,088	$20.00	$-	$209	$577	$1,429	0
16505	$23,010	$-	$-	$325	$1,548	$249	1
17050	$12,455	$876.00	$90	$-	$194	$139	2
17078	$26,872	$-	$-	$304	$893	$309	0
17262	$6,902	$-	$-	$211	$619	$514	0
17331	$9,268	$-	$-	$33	$688	$108	1
17543	$8,384	$-	$-	$117	$603	$91	1
17551	$19,378	$-	$-	$971	$3,054	$384	0
17552	$7,671	$-	$-	$-	$841	$2,454	0
17620	$5,250	$-	$-	$212	$647	$732	0
18017	$41,488	$-	$-	$-	$3,494	$13,853	1
18040	$4,295	$-	$-	$145	$591	$51	0
18103	$95,330	$-	$-	$5,336	$15,849	$1,096	1
18104	$3,274	$-	$-	$-	$193	$35	1
18360	$400	$-	$-	$-	$-	$4	1
18902	$62,886	$-	$-	$2,420	$6,621	$1,230	2
18938	$1,407	$-	$-	$-	$54	$16	1
19004	$10,327	$-	$-	$0	$482	$112	1
19027	$63	$-	$-	$-	$-	$1	0
19067	$4,929	$-	$-	$179	$630	$686	0
19073	$3,860	$-	$-	$115	$355	$693	0
19096	$5,231	$-	$-	$0	$69	$57	1
19103	$1,120	$-	$-	$11	$81	$(401)	0
19107	$61,011	$-	$-	$2,400	$6,515	$1,208	1
19123	$1,764	$-	$-	$-	$24	$20	0
19128	$7,542	$-	$-	$466	$1,096	$622	0
19130	$25,604	$-	$-	$43	$799	$5,029	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
19134	$61,011	$-	$-	$1,868	$5,693	$1,208	1
19143	$4,138	$-	$-	$162	$598	$49	0
19147	$4,167	$-	$-	$-	$304	$48	0
19343	$15,214	$-	$-	$772	$2,350	$4,304	0
19406	$12,083	$-	$-	$185	$978	$131	0
19410	$5,568	$-	$-	$302	$953	$80	0
19444	$52,200	$-	$-	$1,547	$5,027	$27,941	1
19460	$39,173	$-	$-	$780	$3,513	$22,510	1
19803	$1,447	$-	$-	$-	$20	$16	0
19968	$400	$-	$-	$-	$-	$5	0
20002	$6,087	$-	$-	$-	$424	$2,822	1
20007	$59,623	$-	$1	$2,209	$3,325	$1,181	1
20008	$227,437	$-	$-	$-	$33,353	$44,572	2
20009	$48,305	$-	$-	$56	$3,710	$7,207	1
20010	$103,341	$-	$-	$-	$3,187	$49,025	1
20011	$28,544	$-	$-	$2,192	$5,733	$4,848	0
20015	$264	$-	$-	$-	$-	$3	0
20016	$8,537	$-	$-	$19	$293	$98	0
20037	$16,731	$-	$-	$1,097	$2,823	$2,123	0
20105	$21,090	$-	$-	$453	$1,839	$243	0
20121	$9,867	$-	$-	$355	$1,230	$2,200	0
20132	$99,138	$-	$-	$498	$8,136	$35,014	1
20143	$3,044	$-	$-	$-	$-	$35	0
20147	$2,418	$-	$-	$24	$232	$45	0
20148	$43,504	$-	$-	$895	$4,100	$10,242	1
20151	$1,000	$-	$-	$-	$-	$12	0
20169	$2,897	$-	$-	$65	$272	$501	0
20676	$73,989	$-	$-	$-	$10,537	$931	1
20707	$12,030	$-	$100	$212	$882	$5,427	0
20740	$38,900	$-	$-	$2,846	$6,986	$447	0
20772	$2,350	$-	$-	$71	$45	$35	0
20814	$36,183	$-	$-	$2,987	$7,068	$5,051	0
20816	$76,216	$-	$-	$3,782	$10,771	$877	1
20841	$16,373	$-	$-	$200	$1,667	$180	1
20850	$10,412	$-	$-	$73	$341	$123	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
20855	$2,038	$-	$-	$-	$180	$23	1
20866	$4,880	$-	$-	$188	$725	$578	0
20874	$3,211	$-	$-	$66	$378	$45	0
20877	$12,653	$-	$-	$868	$1,998	$386	0
20906	$9,159	$-	$-	$-	$522	$4,151	0
20910	$54,479	$-	$-	$277	$3,927	$21,677	1
21029	$5,666	$-	$-	$13	$323	$62	1
21163	$4,142	$-	$-	$5	$181	$45	1
21201	$337	$-	$-	$-	$-	$4	0
21211	$2,773	$-	$-	$-	$129	$32	0
21217	$42,438	$-	$-	$2,096	$6,892	$840	1
21218	$1,445	$-	$-	$-	$-	$17	0
21221	$9,400	$-	$-	$-	$-	$114	0
21228	$5,187	$-	$-	$229	$741	$905	0
21230	$41,305	$-	$-	$1,442	$3,979	$608	1
21409	$1,767	$-	$-	$-	$-	$19	0
21701	$3,927	$-	$-	$-	$385	$2,233	0
21722	$53,107	$-	$40	$2,523	$6,858	$17,045	1
21773	$34,800	$-	$-	$-	$4,521	$400	1
21776	$12,943	$-	$-	$-	$973	$149	1
22031	$8,631	$-	$-	$211	$616	$4,050	0
22041	$62,852	$-	$-	$2,412	$6,529	$1,245	1
22066	$2,240	$-	$-	$37	$200	$28	0
22151	$12,984	$-	$-	$98	$530	$2,535	1
22152	$61,011	$-	$-	$810	$3,582	$1,208	1
22204	$5,355	$-	$-	$225	$667	$62	0
22205	$3,798	$-	$-	$22	$274	$42	1
22207	$29,348	$-	$-	$-	$8,357	$168	0
22209	$49,111	$-	$-	$1,341	$4,244	$18,810	1
22213	$44,632	$-	$-	$1,167	$4,789	$8,825	1
22309	$65,465	$-	$-	$2,422	$6,183	$10,086	1
22310	$5,501	$-	$-	$-	$252	$63	0
22312	$3,442	$-	$-	$32	$230	$37	0
22554	$126	$-	$-	$-	$-	$1	0
22901	$17,422	$-	$-	$1,103	$3,471	$1,997	0
22903	$66,532	$-	$-	$2,749	$9,260	$1,306	1
23225	$4,208	$-	$-	$61	$296	$83	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
23323	$1,000	$-	$-	$-	$-	$12	0
23451	$89,951	$-	$-	$4,786	$16,467	$1,034	1
23517	$13,967	$-	$-	$682	$1,986	$2,065	0
24018	$1,768	$-	$-	$12	$160	$22	0
24060	$1,372	$-	$-	$-	$55	$272	0
24551	$8,644	$-	$-	$63	$771	$95	1
27330	$122,061	$-	$-	$4,694	$12,058	$40,371	1
27403	$29,000	$-	$-	$562	$3,138	$320	1
27410	$5,670	$-	$-	$287	$933	$987	0
27514	$29,863	$-	$-	$2,533	$7,480	$2,738	0
27519	$6,349	$-	$-	$126	$564	$936	0
27529	$65,000	$-	$-	$-	$3,959	$26,910	1
27560	$65,000	$-	$-	$-	$4,996	$24,146	1
27609	$(5,597)	$-	$-	$(244)	$(796)	$(111)	0
27703	$2,400	$-	$-	$-	$-	$28	0
27707	$9,903	$-	$-	$511	$1,818	$(1,196)	0
27959	$30,004	$-	$-	$605	$2,719	$330	1
27976	$37,419	$-	$-	$-	$3,713	$438	1
28031	$2,940	$-	$-	$-	$50	$39	1
28036	$3,492	$-	$-	$55	$338	$156	0
28173	$3,480	$-	$-	$-	$173	$38	1
28226	$42,289	$-	$-	$1,769	$6,191	$810	1
28278	$20,164	$-	$-	$222	$1,256	$232	1
28306	$4,679	$-	$-	$14	$261	$52	1
28403	$6,532	$-	$-	$-	$-	$75	0
28411	$5,466	$-	$-	$217	$707	$67	0
28590	$3,795	$-	$-	$-	$37	$41	1
29229	$1,552	$-	$-	$17	$153	$240	0
29403	$2,643	$-	$-	$13	$116	$52	0
29412	$62,658	$-	$-	$847	$4,564	$913	1
29414	$4,519	$-	$-	$148	$513	$58	0
29455	$61,011	$-	$-	$2,550	$8,529	$706	1
29607	$8,518	$-	$-	$-	$43	$6,567	1
29902	$5,376	$-	$-	$-	$565	$69	0
30004	$2,582	$-	$-	$28	$227	$30	1
30022	$2,792	$-	$-	$5	$220	$30	0
30030	$11,109	$-	$-	$254	$1,165	$658	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
30067	$42,266	$-	$-	$2,689	$6,627	$837	0
30084	$10,522	$-	$-	$-	$1,140	$121	0
30092	$3,680	$-	$-	$-	$434	$61	0
30096	$3,665	$-	$-	$-	$1	$40	1
30106	$10,035	$-	$-	$27	$182	$115	0
30114	$878	$-	$-	$-	$-	$10	0
30127	$89,926	$-	$-	$4,628	$12,697	$33,914	1
30260	$896	$-	$-	$-	$-	$(812)	0
30305	$160,394	$-	$-	$13,150	$40,462	$1,877	0
30308	$33,775	$-	$-	$1,405	$4,173	$11,569	0
30309	$494	$-	$-	$-	$-	$6	0
30318	$7,985	$-	$-	$227	$590	$114	0
30341	$17,861	$-	$-	$50	$675	$194	1
30605	$150,822	$-	$-	$3,610	$11,960	$28,197	1
30907	$2,283	$-	$-	$13	$156	$186	1
31015	$14,044	$-	$-	$21	$550	$5,680	0
3170	$1,776	$-	$-	$-	$-	$22	0
32127	$62,852	$-	$-	$2,541	$6,889	$1,245	1
32162	$20,611	$100.00	$-	$1,285	$3,664	$2,452	0
32210	$2,678	$-	$-	$120	$322	$53	0
32219	$25,753	$-	$-	$-	$3,638	$296	0
32312	$4,922	$-	$-	$-	$2	$53	1
32407	$9,662	$-	$-	$634	$1,851	$1,522	0
32504	$44,864	$-	$-	$2,060	$2,154	$516	1
32563	$60,938	$-	$-	$-	$10,902	$701	1
32605	$14,080	$-	$-	$182	$944	$162	0
32608	$1,322	$-	$-	$-	$-	$26	0
32804	$358	$-	$-	$-	$-	$4	0
32832	$17,005	$-	$-	$-	$2,245	$196	0
32926	$39,293	$-	$-	$17	$2,955	$12,580	1
32955	$20,363	$-	$-	$631	$1,922	$4,622	0
32966	$780	$-	$-	$-	$62	$9	0
33020	$3,593	$-	$-	$-	$-	$41	0
33060	$2,433	$-	$-	$27	$275	$36	0
33063	$6,106	$-	$-	$-	$-	$70	0
33066	$28,118	$-	$-	$-	$4,069	$323	0
33131	$24,513	$-	$-	$731	$2,746	$284	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
33134	$8,800	$-	$-	$-	$140	$101	1
33140	$1,322	$-	$-	$-	$2	$26	0
33156	$26,656	$-	$-	$415	$1,394	$289	1
33178	$1,396	$-	$-	$14	$44	$27	0
33183	$3,680	$-	$-	$59	$388	$61	0
33314	$280	$-	$-	$-	$2	$3	0
33326	$-	$-	$-	$-	$-	$95	1
33431	$2,400	$-	$-	$30	$215	$28	0
33433	$60,137	$-	$-	$1,360	$5,462	$1,191	1
33445	$16,001	$-	$-	$330	$1,668	$7,739	0
33469	$3,506	$-	$-	$-	$129	$38	1
33511	$3,053	$-	$-	$59	$268	$253	0
33592	$111	$13.50	$5	$4	$15	$-	0
33706	$1,521	$-	$-	$-	$59	$17	0
33710	$81,876	$-	$-	$4,035	$11,328	$26,164	1
33759	$61,011	$-	$-	$2,524	$8,461	$1,208	1
33917	$9,377	$-	$-	$-	$719	$108	0
33947	$12,849	$-	$-	$504	$1,370	$148	0
34103	$9,261	$-	$-	$15	$659	$102	1
34609	$3,674	$-	$-	$-	$11	$40	1
34637	$32,717	$-	$-	$1,787	$5,399	$6,752	0
34689	$4,214	$-	$-	$-	$41	$46	1
34771	$25,251	$-	$-	$-	$2,496	$290	0
34786	$1,656	$-	$-	$5	$88	$19	0
34990	$15,138	$-	$-	$-	$1,944	$174	0
36116	$4,904	$-	$-	$135	$615	$(270)	0
36502	$13,500	$-	$-	$1,007	$3,056	$155	0
36608	$30,202	$-	$-	$-	$907	$349	1
37069	$5,945	$-	$-	$32	$431	$64	1
37115	$10,072	$-	$-	$-	$766	$3,452	0
37209	$9,973	$-	$-	$139	$730	$147	0
37215	$100,854	$-	$-	$4,046	$14,022	$21,011	1
37221	$11,926	$-	$-	$47	$95	$129	1
37604	$5,374	$-	$-	$237	$840	$106	0
37772	$13,547	$-	$-	$161	$1,264	$146	1
38111	$1,458	$-	$-	$11	$48	$26	0
38119	$1,641	$-	$-	$-	$-	$64	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
38128	$11,519	$-	$-	$270	$1,125	$132	0
38135	$1,500	$-	$-	$138	$338	$17	0
38655	$12,060	$470.00	$122	$919	$2,552	$476	0
39211	$1,407	$-	$5	$37	$159	$1,661	0
39350	$4,138	$-	$-	$142	$365	$584	0
39530	$9,306	$-	$-	$609	$1,772	$107	0
40503	$1,823	$-	$-	$11	$135	$30	0
40509	$4,880	$-	$-	$177	$639	$608	0
40513	$1,322	$-	$-	$1	$22	$26	0
40515	$8,955	$-	$-	$349	$929	$262	0
43017	$21,650	$-	$-	$710	$2,750	$9,409	0
43054	$67,126	$-	$-	$-	$8,267	$23,087	1
43110	$16,072	$-	$-	$498	$2,080	$2,684	0
43201	$7,539	$-	$-	$248	$1,032	$602	0
43204	$3,555	$-	$-	$65	$400	$41	0
43209	$12,200	$-	$-	$-	$245	$140	0
43215	$6,326	$-	$-	$340	$1,030	$748	0
43228	$5,313	$-	$-	$246	$706	$105	0
43812	$6,727	$-	$-	$-	$140	$77	0
44040	$75,080	$-	$-	$4,584	$16,389	$863	1
44060	$716	$-	$-	$39	$147	$673	0
44106	$174,933	$-	$-	$10,410	$38,513	$1,996	1
44122	$52,540	$-	$-	$3,282	$8,185	$1,040	1
44124	$2,192	$-	$-	$32	$186	$33	0
44141	$16,422	$-	$-	$370	$1,654	$177	1
44143	$5,338	$-	$-	$122	$450	$109	0
44615	$56,050	$-	$-	$1,934	$6,968	$5,787	1
45036	$85,040	$-	$-	$4,617	$12,570	$978	1
45140	$62,852	$-	$-	$2,538	$6,881	$1,245	1
45206	$84,720	$-	$-	$4,552	$12,514	$974	1
45208	$9,887	$-	$-	$248	$489	$2,359	0
45209	$952	$-	$-	$-	$-	$19	0
45223	$24,348	$-	$-	$835	$2,207	$5,103	0
45230	$1,169	$50.00	$10	$-	$-	$14	0
45243	$1,322	$-	$-	$12	$94	$26	0
45245	$2,240	$-	$-	$37	$200	$28	0
45247	$12,427	$-	$-	$-	$217	$143	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
45356	$14,834	$-	$-	$23	$476	$2,943	1
45458	$1,185	$-	$-	$-	$52	$13	0
46033	$4,790	$-	$-	$-	$65	$52	1
46038	$4,345	$-	$-	$150	$366	$56	0
46217	$178,167	$2,200.00	$200	$2,487	$25,812	$41,022	1
46234	$17,957	$-	$-	$-	$1,777	$206	0
46260	$578	$-	$-	$-	$-	$6	0
46350	$44,034	$-	$-	$935	$4,018	$8,883	1
46394	$47,012	$-	$-	$3,152	$7,896	$931	0
47401	$29,000	$-	$-	$438	$2,585	$320	1
47906	$12,087	$-	$-	$924	$2,500	$675	0
48035	$66,731	$-	$-	$-	$11,684	$800	1
48067	$67,040	$-	$-	$703	$2,470	$771	1
48103	$61,011	$-	$-	$2,400	$7,488	$821	1
48104	$273,600	$-	$-	$19,128	$50,136	$40,629	1
48105	$7,246	$-	$-	$247	$897	$120	0
48152	$53,850	$-	$-	$1,023	$4,545	$619	1
48187	$5,374	$-	$-	$230	$688	$84	0
48197	$2,357	$-	$-	$12	$134	$25	0
48201	$13,532	$-	$-	$806	$2,410	$2,261	0
48202	$69,114	$-	$-	$1,601	$6,632	$795	1
48309	$9,559	$-	$-	$344	$1,217	$189	0
48314	$7,291	$-	$-	$239	$902	$114	0
48323	$67,457	$-	$-	$2,918	$6,920	$1,336	1
48374	$384	$-	$-	$-	$9	$4	0
48383	$521	$-	$-	$-	$9	$6	0
00901	$13,380	$-	$-	$48	$373	$165	1
00983	$101	$-	$-	$-	$1	$1	0
01005	$960	$-	$-	$-	$16	$11	0
01519	$268	$-	$-	$-	$38	$-	0
01532	$28,630	$-	$-	$1,327	$3,787	$567	0
01537	$5,600	$-	$-	$-	$504	$69	0
01605	$13,766	$-	$-	$1,137	$3,216	$408	0
01720	$15,247	$-	$-	$239	$962	$166	1
01742	$65,104	$-	$-	$2,724	$8,349	$1,289	1
01748	$9,019	$-	$-	$5	$327	$99	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
01760	$13,056	$-	$-	$1,040	$2,580	$1,776	0
01776	$1,928	$-	$-	$17	$120	$21	0
01832	$2,200	$-	$-	$ -	$10	$25	0
01890	$14,387	$-	$-	$950	$3,165	$ 165	0
01970	$1,787	$-	$-	$ -	$227	$21	0
02025	$5,071	$-	$-	$5	$386	$57	1
02061	$1,409	$-	$-	$ -	$30	$15	1
02067	$209,558	$48,000.00	$-	$3,309	$-	$21,887	0
02108	$66,890	$-	$-	$2,899	$8,722	$769	1
02114	$600	$-	$-	$ -	$-	$7	0
02118	$8,386	$-	$-	$253	$823	$1,129	0
02122	$155,218	$-	$-	$ 10,022	$26,498	$3,068	1
02130	$51,975	$-	$-	$3,412	$12,724	$ 598	1
02134	$574	$-	$-	$ -	$0	$19	0
02138	$32,200	$-	$-	$1,041	$3,416	$12,946	0
02139	$8,392	$-	$-	$587	$1,711	$ 358	0
02140	$34,027	$900.00	$450	$968	$3,775	$ 958	1
02141	$4,193	$-	$-	$132	$369	$ 568	0
02155	$62,852	$-	$-	$2,578	$8,933	$ 727	1
02169	$95,946	$-	$-	$ -	$8,298	$44,259	1
02190	$38,246	$-	$-	$452	$2,320	$8,163	1
02210	$19,523	$-	$-	$ -	$2,250	$4,766	0
02215	$5,073	$-	$-	$ -	$-	$66	0
02332	$738	$-	$-	$ -	$3	$8	0
02421	$4,551	$-	$-	$14	$249	$50	1
02445	$5,395	$-	$-	$ -	$781	$66	0
02446	$79,893	$-	$-	$4,148	$12,363	$ 919	1
02452	$12,302	$-	$-	$58	$679	$ 142	1
02458	$831	$-	$-	$10	$84	$10	0
02461	$2,608	$-	$-	$172	$652	$28	0
02465	$337	$-	$-	$ -	$4	$4	0
02467	$51,582	$-	$-	$590	$3,362	$29,224	1
02468	$65,269	$-	$-	$6,251	$15,872	$ 751	0
02472	$14,875	$-	$-	$726	$2,264	$ 186	0
02474	$27,614	$-	$-	$287	$1,640	$ 369	1
02481	$16,645	$-	$-	$379	$1,889	$ 247	1
02493	$ 1,018,173	$-	$-	$ 92,967	$276,138	$113,185	3

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
02556	$30,275	$-	$-	$2,602	$7,170	$5,181	0
02571	$78,128	$-	$-	$ -	$10,123	$23,926	1
02760	$2,772	$-	$-	$ -	$151	$30	0
02762	$2,936	$-	$-	$ -	$104	$32	1
02769	$3,587	$-	$-	$42	$304	$39	0
02780	$5,206	$-	$-	$41	$300	$60	0
02806	$56,253	$-	$-	$20	$6,805	$18,715	1
02842	$8,576	$-	$-	$675	$1,806	$1,354	0
02860	$26,520	$-	$-	$832	$2,479	$3,301	1
02874	$13,888	$-	$-	$ -	$2,408	$160	0
02891	$5,592	$-	$-	$49	$431	$108	1
02920	$1,472	$-	$-	$ -	$46	$17	0
03042	$5,000	$-	$-	$68	$356	$60	0
03053	$4,617	$-	$-	$ -	$273	$56	1
03062	$9,111	$-	$-	$6	$478	$ 104	1
03077	$23,966	$-	$-	$1,849	$4,597	$2,802	0
03237	$800	$-	$-	$ -	$-	$9	0
03443	$5,705	$-	$-	$ -	$420	$62	0
03833	$618	$-	$-	$ -	$-	$16	0
03836	$63,370	$-	$-	$235	$1,282	$729	1
03848	$57,954	$-	$-	$ -	$7,629	$739	1
03903	$27,599	$-	$-	$ -	$5,017	$ 317	0
04416	$5,155	$-	$-	$ -	$674	$59	0
04479	$4,571	$-	$-	$ -	$586	$53	0
04605	$656	$-	$-	$7	$67	$7	0
05405	$1,884	$-	$-	$25	$122	$30	0
05743	$65,470	$-	$-	$1,026	$4,540	$12,166	1
05753	$105,382	$-	$-	$ 10,143	$28,284	$12,019	0
06032	$4,468	$-	$-	$66	$485	$51	0
06078	$39,046	$-	$-	$ -	$5,311	$9,603	1
06108	$3,270	$-	$-	$ -	$174	$38	1
06119	$5,061	$-	$-	$56	$301	$ 157	0
06437	$11,872	$-	$-	$322	$1,395	$4,182	0
06447	$12,874	$-	$-	$682	$1,716	$4,258	0
06469	$69	$-	$-	$ -	$-	$160	1
06489	$26,304	$-	$-	$1,768	$4,664	$1,858	0
06520	$69,275	$4,000.00	$ 2,000	$2,832	$8,270	$26,057	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
06611	$5,040	$-	$-	$ -	$481	$63	0
06854	$7,040	$-	$-	$268	$730	$1,066	0
06897	$420	$-	$-	$ -	$30	$5	0
07026	$20,331	$-	$-	$1,057	$2,462	$ 234	0
07030	$3,686	$-	$-	$16	$304	$(112)	0
07036	$16,207	$-	$-	$182	$1,498	$ 177	1
07047	$4,952	$-	$-	$ -	$240	$54	1
07060	$61,011	$-	$-	$2,400	$6,515	$1,208	1
07300	$420	$-	$-	$ -	$26	$5	0
07302	$11,956	$-	$-	$761	$2,884	$ 556	0
07310	$53,402	$-	$-	$2,694	$7,937	$11,436	1
07450	$74	$-	$-	$ -	$-	$1	0
07458	$8,516	$-	$-	$ -	$544	$93	1
07470	$13,084	$-	$-	$665	$2,520	$150	0
07481	$1,115	$-	$-	$ -	$18	$12	1
07512	$61,011	$-	$-	$2,426	$7,556	$1,208	1
07641	$2,507	$-	$-	$ -	$107	$27	1
07646	$63,370	$-	$-	$2,959	$9,236	$ 729	1
07652	$11,582	$-	$-	$15	$466	$ 127	2
07733	$1,684	$-	$-	$ -	$116	$18	0
07747	$59,583	$-	$-	$2,604	$8,412	$ 685	1
07828	$ -	$-	$-	$ -	$-	$32	0
07866	$302	$-	$-	$ -	$-	$3	0
07901	$1,260	$-	$-	$24	$134	$14	0
07920	$4,037	$-	$-	$ -	$-	$44	1
07930	$3,561	$-	$-	$19	$208	$38	0
07974	$2,323	$-	$-	$7	$110	$25	1
08034	$8,282	$-	$-	$22	$541	$92	1
08071	$76,024	$-	$-	$5,152	$12,854	$18,063	1
08108	$30,856	$-	$-	$659	$2,458	$6,095	1
08502	$1,298	$-	$-	$ -	$-	$14	1
08536	$ -	$-	$-	$ -	$-	$-	0
08550	$2,295	$-	$-	$32	$181	$25	0
08558	$18,420	$-	$-	$262	$1,269	$ 199	1
08735	$14,798	$7.50	$-	$878	$2,606	$814	0
08736	$5,213	$-	$-	$100	$390	$ 103	0
08816	$3,081	$-	$-	$ -	$-	$43	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
08820	$213	$-	$-	$ -	$2	$2	0
08822	$42,899	$-	$-	$2,608	$6,940	$11,022	0
08823	$3,071	$-	$-	$68	$358	$35	0
08873	$7,874	$-	$-	$42	$583	$85	1
08902	$486	$-	$-	$ -	$2	$5	0
10009	$86	$-	$-	$ -	$-	$29	0
10010	$1,322	$-	$-	$12	$94	$26	0
10012	$13,624	$-	$-	$159	$842	$ 157	1
10013	$161,300	$-	$-	$ 11,687	$29,912	$40,529	1
10014	$1,254	$-	$-	$ -	$77	$255	$14	0
10019	$71,258	$-	$-	$3,437	$10,634	$ 713	1
10021	$7,240	$-	$-	$37	$200	$ 630	0
10023	$1,989	$-	$-	$21	$134	$31	0
10024	$145,628	$-	$-	$2,667	$26,904	$9,830	1
10025	$26,434	$-	$-	$432	$2,062	$5,887	1
10028	$51,631	$-	$-	$2,127	$7,286	$1,022	1
10032	$19,299	$-	$-	$282	$1,517	$5,371	0
10033	$4,353	$-	$-	$7	$251	$47	1
10461	$4,162	$-	$-	$156	$380	$ 666	0
10463	$25,261	$-	$-	$862	$1,506	$4,820	0
10528	$4,193	$-	$-	$133	$447	$55	0
10549	$2,258	$-	$-	$ -	$15	$25	0
10804	$6,445	$-	$-	$ -	$-	$70	1
10925	$46	$-	$-	$ -	$11	$-	0
10956	$ -	$-	$-	$ -	$-	$ 158	1
10989	$4,290	$-	$-	$ -	$177	$47	1
11040	$2,544	$-	$-	$56	$170	$39	0
11101	$64,493	$-	$-	$2,673	$6,276	$1,277	1
11201	$17,502	$-	$-	$206	$1,345	$ 195	1
11207	$2,295	$-	$-	$24	$200	$ 220	0
11209	$926	$-	$-	$ -	$-	$10	0
11211	$2,960	$-	$-	$ -	$133	$32	1
11217	$121,500	$-	$-	$7,836	$21,229	$33,725	1
11218	$636	$-	$-	$ -	$35	$ 114	0
11222	$2,940	$-	$-	$50	$232	$34	0
11234	$122,604	$-	$-	$8,050	$21,320	$2,524	1
11249	$5,874	$-	$-	$44	$460	$68	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
11357	$1,500	$-	$-	$142	$347	$17	0
11378	$(2,105)	$-	$-	$(101)	$ (294)	$(25)	0
11554	$1,322	$-	$-	$12	$94	$26	0
11570	$16,921	$-	$-	$235	$1,596	$ 195	1
11721	$2,574	$-	$-	$45	$198	$ 500	0
11724	$2,091	$-	$-	$ -	$-	$ 23	0
11756	$33,000	$-	$-	$612	$3,117	$ 365	1
11758	$6,033	$-	$-	$ -	$393	$ 65	1
11768	$319	$-	$-	$ -	$-	$3	0
11788	$942	$-	$-	$9	$63	$11	0
12180	$77,140	$14,000.00	$ 2,200	$945	$4,354	$21,855	1
12401	$13,351	$-	$-	$884	$2,447	$ 562	0
12603	$17,701	$-	$-	$877	$2,686	$ 350	0
13114	$3,495	$-	$-	$26	$360	$48	0
13215	$6,178	$-	$-	$ -	$67	$67	1
13219	$5,040	$-	$-	$ -	$481	$63	0
13323	$30,198	$-	$-	$614	$3,295	$ 330	1
13669	$19,864	$-	$-	$ -	$2,701	$ 228	1
13850	$2,417	$-	$-	$29	$174	$22	0
14086	$1,347	$-	$-	$15	$90	$23	0
14261	$111	$-	$-	$ -	$1	$1	0
14450	$4,385	$-	$-	$221	$863	$(376)	0
14850	$17,151	$-	$-	$488	$2,198	$ 479	0
15071	$125,262	$-	$-	$6,611	$15,636	$2,480	1
15143	$22,053	$-	$-	$1,177	$4,034	$2,831	0
15201	$1,589	$-	$-	$7	$102	$18	0
15217	$13,530	$-	$-	$1,016	$2,885	$2,640	0
15220	$2,511	$-	$-	$ -	$-	$67	0
15224	$7,600	$-	$-	$ -	$1,270	$93	0
15367	$1,440	$-	$-	$ -	$10	$16	1
16226	$8,088	$20.00	$-	$209	$577	$1,429	0
16505	$23,010	$-	$-	$325	$1,548	$ 249	1
17050	$12,455	$876.00	$90	$ -	$194	$ 139	2
17078	$26,872	$-	$-	$304	$893	$ 309	0
17262	$6,902	$-	$-	$211	$619	$ 514	0
17331	$9,268	$-	$-	$33	$688	$ 108	1
17543	$8,384	$-	$-	$117	$603	$91	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
17551	$19,378	$-	$-	$971	$3,054	$ 384	0
17552	$7,671	$-	$-	$ -	$841	$2,454	0
17620	$5,250	$-	$-	$212	$647	$ 732	0
18017	$41,488	$-	$-	$ -	$3,494	$13,853	1
18040	$4,295	$-	$-	$145	$591	$51	0
18103	$95,330	$-	$-	$5,336	$15,849	$1,096	1
18104	$3,274	$-	$-	$ -	$193	$35	1
18360	$400	$-	$-	$ -	$-	$4	1
18902	$62,886	$-	$-	$2,420	$6,621	$1,230	2
18938	$1,407	$-	$-	$ -	$54	$16	1
19004	$10,327	$-	$-	$0	$482	$ 112	1
19027	$63	$-	$-	$ -	$-	$1	0
19067	$4,929	$-	$-	$179	$630	$ 686	0
19073	$3,860	$-	$-	$115	$355	$ 693	0
19096	$5,231	$-	$-	$0	$69	$57	1
19103	$1,120	$-	$-	$11	$81	$(401)	0
19107	$61,011	$-	$-	$2,400	$6,515	$1,208	1
19123	$1,764	$-	$-	$ -	$24	$20	0
19128	$7,542	$-	$-	$466	$1,096	$ 622	0
19130	$25,604	$-	$-	$43	$799	$5,029	1
19134	$61,011	$-	$-	$1,868	$5,693	$1,208	1
19143	$4,138	$-	$-	$162	$598	$49	0
19147	$4,167	$-	$-	$ -	$304	$48	0
19343	$15,214	$-	$-	$772	$2,350	$4,304	0
19406	$12,083	$-	$-	$185	$978	$ 131	0
19410	$5,568	$-	$-	$302	$953	$80	0
19444	$52,200	$-	$-	$1,547	$5,027	$27,941	1
19460	$39,173	$-	$-	$780	$3,513	$22,510	1
19803	$1,447	$-	$-	$ -	$20	$16	0
19968	$400	$-	$-	$ -	$-	$5	0
20002	$6,087	$-	$-	$ -	$424	$2,822	1
20007	$59,623	$-	$1	$2,209	$3,325	$1,181	1
20008	$227,437	$-	$-	$ -	$33,353	$44,572	2
20009	$48,305	$-	$-	$56	$3,710	$7,207	1
20010	$103,341	$-	$-	$ -	$3,187	$49,025	1
20011	$28,544	$-	$-	$2,192	$5,733	$4,848	0
20015	$264	$-	$-	$ -	$-	$3	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC	Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
20016	$8,537	$-	$-	$19	$293	$98	0	21776	$12,943	$-	$-	$ -	$973	$ 149	1
20037	$16,731	$-	$-	$1,097	$2,823	$2,123	0	22031	$8,631	$-	$-	$211	$616	$4,050	0
20105	$21,090	$-	$-	$453	$1,839	$ 243	0	22041	$62,852	$-	$-	$2,412	$6,529	$1,245	1
20121	$9,867	$-	$-	$355	$1,230	$2,200	0	22066	$2,240	$-	$-	$37	$200	$28	0
20132	$99,138	$-	$-	$498	$8,136	$35,014	1	22151	$12,984	$-	$-	$98	$530	$2,535	1
20143	$3,044	$-	$-	$ -	$-	$35	0	22152	$61,011	$-	$-	$810	$3,582	$1,208	1
20147	$2,418	$-	$-	$24	$232	$45	0	22204	$5,355	$-	$-	$225	$667	$62	0
20148	$43,504	$-	$-	$895	$4,100	$10,242	1	22205	$3,798	$-	$-	$22	$274	$42	1
20151	$1,000	$-	$-	$ -	$-	$12	0	22207	$29,348	$-	$-	$ -	$8,357	$ 168	0
20169	$2,897	$-	$-	$65	$272	$ 501	0	22209	$49,111	$-	$-	$1,341	$4,244	$18,810	1
20676	$73,989	$-	$-	$ -	$10,537	$ 931	1	22213	$44,632	$-	$-	$1,167	$4,789	$8,825	1
20707	$12,030	$-	$100	$212	$882	$5,427	0	22309	$65,465	$-	$-	$2,422	$6,183	$10,086	1
20740	$38,900	$-	$-	$2,846	$6,986	$ 447	0	22310	$5,501	$-	$-	$ -	$252	$63	0
20772	$2,350	$-	$-	$71	$45	$35	0	22312	$3,442	$-	$-	$32	$230	$37	0
20814	$36,183	$-	$-	$2,987	$7,068	$5,051	0	22554	$126	$-	$-	$ -	$-	$1	0
20816	$76,216	$-	$-	$3,782	$10,771	$877	1	22901	$17,422	$-	$-	$1,103	$3,471	$1,997	0
20841	$16,373	$-	$-	$200	$1,667	$ 180	1	22903	$66,532	$-	$-	$2,749	$9,260	$1,306	1
20850	$10,412	$-	$-	$73	$341	$ 123	0	23225	$4,208	$-	$-	$61	$296	$83	0
20855	$2,038	$-	$-	$ -	$180	$23	1	23323	$1,000	$-	$-	$ -	$-	$12	0
20866	$4,880	$-	$-	$188	$725	$ 578	0	23451	$89,951	$-	$-	$4,786	$16,467	$1,034	1
20874	$3,211	$-	$-	$66	$378	$45	0	23517	$13,967	$-	$-	$682	$1,986	$2,065	0
20877	$12,653	$-	$-	$868	$1,998	$ 386	0	24018	$1,768	$-	$-	$12	$160	$22	0
20906	$9,159	$-	$-	$ -	$522	$4,151	0	24060	$1,372	$-	$-	$ -	$55	$272	0
20910	$54,479	$-	$-	$277	$3,927	$21,677	1	24551	$8,644	$-	$-	$63	$771	$95	1
21029	$5,666	$-	$-	$13	$323	$62	1	27330	$122,061	$-	$-	$4,694	$12,058	$40,371	1
21163	$4,142	$-	$-	$5	$181	$45	1	27403	$29,000	$-	$-	$562	$3,138	$ 320	1
21201	$337	$-	$-	$ -	$-	$4	0	27410	$5,670	$-	$-	$287	$933	$987	0
21211	$2,773	$-	$-	$ -	$129	$32	0	27514	$29,863	$-	$-	$2,533	$7,480	$2,738	0
21217	$42,438	$-	$-	$2,096	$6,892	$ 840	1	27519	$6,349	$-	$-	$126	$564	$936	0
21218	$1,445	$-	$-	$ -	$-	$17	0	27529	$65,000	$-	$-	$ -	$3,959	$26,910	1
21221	$9,400	$-	$-	$ -	$-	$ 114	0	27560	$65,000	$-	$-	$ -	$4,996	$24,146	1
21228	$5,187	$-	$-	$229	$741	$ 905	0	27609	$(5,597)	$-	$-	$(244)	$ (796)	$(111)	0
21230	$41,305	$-	$-	$1,442	$3,979	$ 608	1	27703	$2,400	$-	$-	$ -	$-	$28	0
21409	$1,767	$-	$-	$ -	$-	$19	0	27707	$9,903	$-	$-	$511	$1,818	$(1,196)	0
21701	$3,927	$-	$-	$ -	$385	$2,233	0	27959	$30,004	$-	$-	$605	$2,719	$330	1
21722	$53,107	$-	$40	$2,523	$6,858	$17,045	1	27976	$37,419	$-	$-	$ -	$3,713	$ 438	1
21773	$34,800	$-	$-	$ -	$4,521	$ 400	1	28031	$2,940	$-	$-	$ -	$50	$39	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
28036	$3,492	$-	$-	$55	$338	$ 156	0
28173	$3,480	$-	$-	$ -	$173	$38	1
28226	$42,289	$-	$-	$1,769	$6,191	$ 810	1
28278	$20,164	$-	$-	$222	$1,256	$ 232	1
28306	$4,679	$-	$-	$14	$261	$52	1
28403	$6,532	$-	$-	$ -	$-	$75	0
28411	$5,466	$-	$-	$217	$707	$67	0
28590	$3,795	$-	$-	$ -	$37	$41	1
29229	$1,552	$-	$-	$17	$153	$ 240	0
29403	$2,643	$-	$-	$13	$116	$52	0
29412	$62,658	$-	$-	$847	$4,564	$ 913	1
29414	$4,519	$-	$-	$148	$513	$58	0
29455	$61,011	$-	$-	$2,550	$8,529	$ 706	1
29607	$8,518	$-	$-	$ -	$43	$6,567	1
29902	$5,376	$-	$-	$ -	$565	$69	0
30004	$2,582	$-	$-	$28	$227	$30	1
30022	$2,792	$-	$-	$5	$220	$30	0
30030	$11,109	$-	$-	$254	$1,165	$ 658	0
30067	$42,266	$-	$-	$2,689	$6,627	$ 837	0
30084	$10,522	$-	$-	$ -	$1,140	$ 121	0
30092	$3,680	$-	$-	$ -	$434	$61	0
30096	$3,665	$-	$-	$ -	$1	$40	1
30106	$10,035	$-	$-	$27	$182	$ 115	0
30114	$878	$-	$-	$ -	$-	$10	0
30127	$89,926	$-	$-	$4,628	$12,697	$33,914	1
30260	$896	$-	$-	$ -	$-	$(812)	0
30305	$160,394	$-	$-	$ 13,150	$40,462	$1,877	0
30308	$33,775	$-	$-	$1,405	$4,173	$11,569	0
30309	$494	$-	$-	$ -	$-	$6	0
30318	$7,985	$-	$-	$227	$590	$ 114	0
30341	$17,861	$-	$-	$50	$675	$ 194	1
30605	$150,822	$-	$-	$3,610	$11,960	$28,197	1
30907	$2,283	$-	$-	$13	$156	$ 186	1
31015	$14,044	$-	$-	$21	$550	$5,680	0
3170	$1,776	$-	$-	$ -	$-	$22	0
32127	$62,852	$-	$-	$2,541	$6,889	$1,245	1
32162	$20,611	$100.00	$-	$1,285	$3,664	$2,452	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
32210	$2,678	$-	$-	$120	$322	$53	0
32219	$25,753	$-	$-	$ -	$3,638	$ 296	0
32312	$4,922	$-	$-	$ -	$2	$53	1
32407	$9,662	$-	$-	$634	$1,851	$1,522	0
32504	$44,864	$-	$-	$2,060	$2,154	$ 516	1
32563	$60,938	$-	$-	$ -	$10,902	$ 701	1
32605	$14,080	$-	$-	$182	$944	$ 162	0
32608	$1,322	$-	$-	$ -	$-	$26	0
32804	$358	$-	$-	$ -	$-	$4	0
32832	$17,005	$-	$-	$ -	$2,245	$ 196	0
32926	$39,293	$-	$-	$17	$2,955	$12,580	1
32955	$20,363	$-	$-	$631	$1,922	$4,622	0
32966	$780	$-	$-	$ -	$62	$9	0
33020	$3,593	$-	$-	$ -	$-	$41	0
33060	$2,433	$-	$-	$27	$275	$36	0
33063	$6,106	$-	$-	$ -	$-	$70	0
33066	$28,118	$-	$-	$ -	$4,069	$ 323	0
33131	$24,513	$-	$-	$731	$2,746	$ 284	1
33134	$8,800	$-	$-	$ -	$140	$ 101	1
33140	$1,322	$-	$-	$ -	$2	$26	0
33156	$26,656	$-	$-	$415	$1,394	$ 289	1
33178	$1,396	$-	$-	$14	$44	$27	0
33183	$3,680	$-	$-	$59	$388	$61	0
33314	$280	$-	$-	$ -	$2	$3	0
33326	$ -	$-	$-	$ -	$-	$95	1
33431	$2,400	$-	$-	$30	$215	$28	0
33433	$60,137	$-	$-	$1,360	$5,462	$1,191	1
33445	$16,001	$-	$-	$330	$1,668	$7,739	0
33469	$3,506	$-	$-	$ -	$129	$38	1
33511	$3,053	$-	$-	$59	$268	$ 253	0
33592	$111	$13.50	$5	$4	$15	$-	0
33706	$1,521	$-	$-	$ -	$59	$17	0
33710	$81,876	$-	$-	$4,035	$11,328	$26,164	1
33759	$61,011	$-	$-	$2,524	$8,461	$1,208	1
33917	$9,377	$-	$-	$ -	$719	$ 108	0
33947	$12,849	$-	$-	$504	$1,370	$ 148	0
34103	$9,261	$-	$-	$15	$659	$ 102	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
34609	$3,674	$-	$-	$ -	$11	$40	1
34637	$32,717	$-	$-	$1,787	$5,399	$6,752	0
34689	$4,214	$-	$-	$ -	$41	$46	1
34771	$25,251	$-	$-	$ -	$2,496	$290	0
34786	$1,656	$-	$-	$5	$88	$19	0
34990	$15,138	$-	$-	$ -	$1,944	$174	0
36116	$4,904	$-	$-	$135	$615	$(270)	0
36502	$13,500	$-	$-	$1,007	$3,056	$155	0
36608	$30,202	$-	$-	$ -	$907	$349	1
37069	$5,945	$-	$-	$32	$431	$64	1
37115	$10,072	$-	$-	$ -	$766	$3,452	0
37209	$9,973	$-	$-	$139	$730	$147	0
37215	$100,854	$-	$-	$4,046	$14,022	$21,011	1
37221	$11,926	$-	$-	$47	$95	$129	1
37604	$5,374	$-	$-	$237	$840	$106	0
37772	$13,547	$-	$-	$161	$1,264	$146	1
38111	$1,458	$-	$-	$11	$48	$26	0
38119	$1,641	$-	$-	$ -	$-	$64	0
38128	$11,519	$-	$-	$270	$1,125	$132	0
38135	$1,500	$-	$-	$138	$338	$17	0
38655	$12,060	$470.00	$122	$919	$2,552	$476	0
39211	$1,407	$-	$5	$37	$159	$1,661	0
39350	$4,138	$-	$-	$142	$365	$584	0
39530	$9,306	$-	$-	$609	$1,772	$107	0
40503	$1,823	$-	$-	$11	$135	$30	0
40509	$4,880	$-	$-	$177	$639	$608	0
40513	$1,322	$-	$-	$1	$22	$26	0
40515	$8,955	$-	$-	$349	$929	$262	0
43017	$21,650	$-	$-	$710	$2,750	$9,409	0
43054	$67,126	$-	$-	$ -	$8,267	$23,087	1
43110	$16,072	$-	$-	$498	$2,080	$2,684	0
43201	$7,539	$-	$-	$248	$1,032	$602	0
43204	$3,555	$-	$-	$65	$400	$41	0
43209	$12,200	$-	$-	$ -	$245	$140	0
43215	$6,326	$-	$-	$340	$1,030	$748	0
43228	$5,313	$-	$-	$246	$706	$105	0
43812	$6,727	$-	$-	$ -	$140	$77	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
44040	$75,080	$-	$-	$4,584	$16,389	$ 863	1
44060	$716	$-	$-	$39	$147	$673	0
44106	$174,933	$-	$-	$10,410	$38,513	$1,996	1
44122	$52,540	$-	$-	$3,282	$8,185	$1,040	1
44124	$2,192	$-	$-	$32	$186	$33	0
44141	$16,422	$-	$-	$370	$1,654	$177	1
44143	$5,338	$-	$-	$122	$450	$109	0
44615	$56,050	$-	$-	$1,934	$6,968	$5,787	1
45036	$85,040	$-	$-	$4,617	$12,570	$978	1
45140	$62,852	$-	$-	$2,538	$6,881	$1,245	1
45206	$84,720	$-	$-	$4,552	$12,514	$974	1
45208	$9,887	$-	$-	$248	$489	$2,359	0
45209	$952	$-	$-	$ -	$-	$19	0
45223	$24,348	$-	$-	$835	$2,207	$5,103	0
45230	$1,169	$50.00	$10	$ -	$-	$14	0
45243	$1,322	$-	$-	$12	$94	$26	0
45245	$2,240	$-	$-	$37	$200	$28	0
45247	$12,427	$-	$-	$ -	$217	$143	1
45356	$14,834	$-	$-	$23	$476	$2,943	1
45458	$1,185	$-	$-	$ -	$52	$13	0
46033	$4,790	$-	$-	$ -	$65	$52	1
46038	$4,345	$-	$-	$150	$366	$56	0
46217	$178,167	$2,200.00	$200	$2,487	$25,812	$41,022	1
46234	$17,957	$-	$-	$ -	$1,777	$206	0
46260	$578	$-	$-	$ -	$-	$6	0
46350	$44,034	$-	$-	$935	$4,018	$8,883	1
46394	$47,012	$-	$-	$3,152	$7,896	$931	0
47401	$29,000	$-	$-	$438	$2,585	$320	1
47906	$12,087	$-	$-	$924	$2,500	$675	0
48035	$66,731	$-	$-	$ -	$11,684	$800	1
48067	$67,040	$-	$-	$703	$2,470	$771	1
48103	$61,011	$-	$-	$2,400	$7,488	$821	1
48104	$273,600	$-	$-	$19,128	$50,136	$40,629	1
48105	$7,246	$-	$-	$247	$897	$120	0
48152	$53,850	$-	$-	$1,023	$4,545	$619	1
48187	$5,374	$-	$-	$230	$688	$84	0
48197	$2,357	$-	$-	$12	$134	$25	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
48201	$13,532	$-	$-	$806	$2,410	$2,261	0
48202	$69,114	$-	$-	$1,601	$6,632	$795	1
48309	$9,559	$-	$-	$344	$1,217	$189	0
48314	$7,291	$-	$-	$239	$902	$114	0
48323	$67,457	$-	$-	$2,918	$6,920	$1,336	1
48374	$384	$-	$-	$ -	$9	$4	0
48383	$521	$-	$-	$ -	$9	$6	0
48444	$15,416	$-	$-	$-	$2,460	$177	0
48654	$358	$-	$-	$-	$-	$4	0
48823	$28,744	$-	$-	$472	$2,866	$331	1
48864	$200,928	$-	$-	$12,625	$41,645	$4,339	1
49068	$3,370	$-	$-	$-	$486	$39	0
49315	$14,619	$-	$-	$542	$1,788	$168	0
49326	$1,322	$-	$-	$12	$94	$26	0
49686	$3,500	$-	$-	$39	$249	$40	0
49770	$61,253	$-	$-	$-	$7,306	$39,339	1
49855	$36,214	$-	$-	$-	$5,143	$457	1
50010	$747	$-	$-	$4	$62	$9	0
50265	$62,852	$-	$-	$2,702	$8,933	$1,245	1
50323	$36,000	$-	$-	$1,243	$3,658	$713	1
50325	$1,500	$-	$-	$142	$347	$17	0
52246	$6,206	$-	$-	$257	$897	$72	0
52333	$3,948	$-	$-	$26	$254	$43	1
53005	$560	$-	$-	$-	$22	$7	0
53022	$11,517	$-	$-	$514	$1,146	$2,171	0
53072	$10,249	$-	$-	$-	$1,579	$118	0
53095	$91,479	$-	$-	$-	$14,531	$15,781	1
53125	$8,774	$-	$-	$374	$1,268	$174	0
53211	$1,355	$-	$-	$-	$71	$15	0
53222	$972	$-	$-	$-	$-	$10	0
53226	$69,060	$-	$-	$2,876	$9,526	$1,335	1
53562	$14,184	$-	$-	$94	$848	$157	1
53705	$29,161	$-	$-	$1,077	$772	$415	1
53711	$2,272	$-	$-	$17	$206	$26	0
53717	$1,059	$-	$-	$-	$91	$56	0
54401	$15,512	$-	$-	$914	$2,579	$2,150	0
54888	$8,046	$-	$-	$-	$583	$93	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
54893	$806	$-	$-	$-	$52	$9	0
55105	$889	$-	$-	$-	$45	$10	0
55106	$6,080	$-	$-	$26	$215	$70	0
55113	$8,795	$-	$-	$222	$661	$393	0
55116	$5,791	$-	$-	$-	$107	$63	1
55118	$43,198	$-	$-	$1,707	$5,643	$14,370	1
55124	$57,040	$-	$-	$1,085	$4,705	$656	1
55125	$1,337	$-	$-	$-	$24	$14	0
55130	$2,473	$-	$-	$-	$-	$28	0
55311	$2,427	$-	$-	$-	$130	$26	1
55328	$5,970	$-	$-	$96	$600	$69	0
55331	$6,574	$-	$-	$113	$435	$84	0
55346	$27,801	$-	$-	$342	$2,295	$302	1
55347	$61,011	$-	$-	$2,497	$8,397	$1,208	1
55414	$5,383	$-	$-	$82	$571	$63	0
55419	$26,879	$-	$-	$-	$3,878	$309	1
55423	$5,052	$-	$-	$345	$829	$58	0
55424	$64,875	$-	$-	$5,459	$17,725	$2,524	0
55432	$36,782	$-	$-	$303	$7,193	$7,145	0
55441	$4,519	$-	$-	$159	$513	$56	0
55446	$1,414	$-	$-	$-	$30	$15	0
55902	$63,417	$-	$-	$4,564	$13,459	$3,797	0
55947	$14,796	$-	$-	$1,004	$2,499	$2,299	0
56183	$-	$-	$-	$-	$-	$-	0
57005	$19,250	$-	$-	$353	$1,594	$212	1
57108	$2,324	$-	$-	$37	$204	$36	0
58201	$11,755	$-	$-	$316	$1,440	$1,024	0
58652	$38,942	$-	$-	$-	$4,015	$448	0
59715	$6,621	$-	$-	$160	$726	$1,810	0
59718	$1,437	$-	$-	$28	$146	$279	0
59801	$13,688	$-	$-	$203	$909	$157	0
59803	$1,391	$-	$-	$-	$-	$22	0
59847	$5,590	$-	$-	$167	$720	$768	0
59870	$8,760	$-	$-	$193	$562	$3,318	0
59912	$50,833	$-	$-	$-	$6,385	$585	1
60012	$37,322	$-	$-	$813	$3,342	$7,358	1
60014	$1,172	$-	$-	$-	$55	$13	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
60030	$3,680	$-	$-	$53	$387	$61	0
60044	$30,004	$-	$-	$605	$3,271	$330	1
60048	$320	$-	$-	$-	$21	$4	0
60062	$18,000	$-	$-	$-	$1,045	$194	1
60091	$10,209	$-	$-	$354	$1,445	$3,303	0
60093	$1,882	$-	$-	$1	$60	$33	0
60096	$6,613	$-	$-	$20	$-	$1,147	0
60099	$7,563	$-	$-	$129	$780	$82	0
60102	$7,817	$-	$-	$358	$1,037	$1,567	0
60173	$6,460	$-	$-	$333	$908	$95	0
60189	$61,696	$-	$-	$3,099	$7,983	$2,483	1
60192	$398	$-	$-	$-	$2	$4	0
60201	$21,430	$-	$-	$-	$2,917	$286	1
60202	$5,703	$-	$-	$-	$344	$62	1
60302	$23,468	$-	$-	$297	$1,739	$3,270	0
60462	$451,288	$840.00	$-	$37,781	$111,245	$57,771	1
60477	$213	$-	$-	$-	$-	$2	0
60503	$4,048	$-	$-	$115	$519	$66	0
60514	$4,975	$-	$-	$123	$587	$1,273	0
60532	$72	$-	$-	$-	$-	$1	0
60540	$5,760	$-	$-	$132	$492	$74	0
60601	$12,192	$-	$-	$871	$2,088	$2,443	0
60605	$76,623	$-	$-	$3,461	$9,813	$1,183	1
60611	$14,841	$-	$-	$474	$2,138	$174	0
60612	$69,252	$-	$-	$-	$9,818	$22,168	1
60613	$1,064	$-	$-	$-	$15	$12	0
60614	$1,332	$-	$-	$-	$4	$14	1
60615	$4,511	$-	$-	$19	$397	$96	0
60625	$5,816	$-	$-	$52	$276	$67	0
60638	$2,653	$-	$-	$44	$207	$31	0
60640	$16,145	$-	$-	$343	$1,664	$5,610	0
60642	$1,322	$-	$-	$1	$57	$26	0
60643	$2,430	$-	$-	$30	$179	$289	0
60646	$69,730	$-	$-	$2,890	$7,864	$1,154	2
60647	$63,654	$-	$-	$2,315	$6,771	$1,260	1
60657	$97,863	$-	$-	$3,531	$11,300	$5,117	2
60661	$4,234	$-	$-	$131	$419	$49	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
60954	$14,992	$-	$-	$-	$1,651	$172	0
61107	$33,256	$-	$-	$1,484	$4,285	$658	1
61615	$2,384	$-	$-	$58	$210	$1,352	0
61802	$11,474	$-	$-	$214	$1,275	$124	0
62711	$43,023	$-	$-	$1,105	$4,431	$474	1
63011	$3,265	$-	$-	$59	$360	$38	0
63023	$358	$-	$-	$-	$19	$4	0
63031	$13,942	$-	$-	$644	$1,308	$3,966	0
63104	$223	$-	$-	$-	$-	$2	0
63110	$79,029	$-	$-	$-	$7,716	$15,503	1
63117	$20,667	$50.00	$10	$379	$1,649	$948	1
63129	$1,122	$-	$-	$2	$43	$13	0
63139	$30,415	$47.93	$-	$516	$(692)	$4,072	1
64137	$3,673	$-	$-	$111	$378	$73	0
65101	$3,575	$-	$-	$34	$269	$41	0
65714	$7,796	$-	$-	$10	$557	$84	1
65802	$1,481	$-	$-	$-	$140	$17	0
66210	$12,520	$-	$-	$444	$1,374	$143	0
66221	$2,970	$-	$-	$-	$96	$32	1
66223	$1,322	$-	$-	$1	$22	$26	0
67037	$69,390	$-	$-	$942	$792	$798	1
67456	$50	$-	$-	$-	$-	$1	0
67835	$8,688	$-	$-	$282	$1,013	$172	0
68046	$6,227	$-	$-	$18	$464	$67	1
68106	$120,382	$-	$-	$4,077	$11,469	$38,693	1
68505	$1,477	$-	$-	$35	$150	$32	0
68512	$683	$-	$-	$-	$4	$7	0
68516	$4,583	$-	$-	$154	$450	$55	0
68521	$1,519	$-	$-	$17	$120	$26	0
69415	$(5,640)	$-	$-	$(448)	$(1,266)	$116	0
70001	$3,287	$-	$-	$186	$583	$477	0
70003	$12,908	$-	$-	$1,160	$3,411	$979	0
70115	$26,386	$-	$-	$44	$2,497	$303	1
70117	$71,554	$-	$-	$-	$8,556	$19,497	1
70119	$67,172	$-	$-	$2,055	$5,439	$1,294	2
70121	$3,678	$-	$30	$15	$208	$618	0
70131	$1,269	$-	$-	$25	$145	$208	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
70360	$33,640	$-	$-	$-	$5,922	$387	0
70726	$23,549	$-	$-	$-	$3,415	$271	0
70753	$20,927	$-	$-	$1,338	$3,225	$414	0
70791	$1,655	$-	$-	$15	$112	$18	1
70806	$6,758	$-	$-	$6	$407	$74	1
70808	$1,322	$-	$-	$1	$22	$26	0
71105	$238	$-	$-	$-	$-	$15	0
71417	$21,570	$-	$-	$-	$2,737	$248	0
72070	$5,019	$-	$-	$64	$519	$58	0
72202	$56,000	$-	$-	$4,433	$11,371	$668	0
72205	$6,317	$-	$-	$316	$889	$73	0
72212	$3,786	$-	$-	$-	$163	$41	1
73072	$654	$-	$-	$-	$8	$69	0
74023	$52,449	$-	$-	$-	$7,249	$635	0
74133	$3,239	$-	$-	$44	$213	$37	0
74134	$7,202	$-	$-	$109	$487	$1,141	0
75010	$17,205	$-	$-	$188	$1,607	$189	1
75015	$2,136	$-	$-	$11	$92	$33	0
75022	$5,258	$-	$-	$351	$626	$295	0
75023	$1,629	$-	$-	$13	$128	$18	0
75025	$62,852	$-	$-	$2,649	$8,797	$1,245	1
75093	$1,542	$-	$-	$-	$1	$17	0
75201	$25,815	$-	$-	$1,082	$3,945	$297	0
75205	$2,630	$-	$-	$-	$114	$28	1
75206	$4,193	$-	$-	$59	$-	$1,581	0
75208	$-	$-	$-	$-	$-	$(161)	0
75235	$(1,245)	$-	$-	$(23)	$(139)	$(243)	0
75249	$44,719	$-	$-	$-	$6,729	$514	1
75452	$1,465	$-	$-	$-	$149	$16	0
75642	$75,423	$-	$-	$4,079	$10,008	$1,493	1
75773	$2,950	$-	$-	$-	$192	$34	0
75961	$31,002	$-	$-	$525	$2,851	$341	1
76132	$24,000	$-	$-	$822	$2,879	$300	0
76137	$3,680	$-	$-	$87	$434	$61	0
76205	$4,450	$-	$-	$170	$603	$916	0
76531	$41,950	$-	$-	$-	$3,753	$482	1
76543	$12,346	$-	$-	$101	$998	$134	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
77002	$46,550	$-	$-	$4,648	$13,607	$5,625	0
77006	$3,810	$-	$-	$-	$11	$41	1
77007	$7,912	$-	$-	$614	$1,654	$1,469	0
77019	$1,322	$-	$-	$10	$26	$26	0
77025	$17,670	$-	$-	$463	$1,578	$3,083	0
77030	$15,489	$-	$-	$301	$1,440	$264	0
77054	$1,322	$-	$-	$1	$57	$26	0
77058	$3,445	$-	$-	$-	$365	$40	0
77072	$-	$-	$-	$15	$(413)	$-	0
77082	$62,852	$-	$-	$2,662	$7,854	$1,245	1
77085	$15,123	$-	$-	$-	$3,050	$174	0
77093	$6,157	$-	$-	$115	$178	$1,045	0
77095	$8,663	$-	$-	$49	$691	$96	1
77377	$3,800	$-	$-	$9	$274	$41	1
77379	$13,330	$-	$-	$-	$1,628	$153	0
77429	$3,598	$-	$-	$-	$97	$41	0
77433	$152	$-	$-	$-	$-	$2	0
77479	$73,172	$-	$-	$2,670	$7,441	$1,362	2
77545	$9,243	$-	$-	$378	$1,271	$2,798	0
77550	$31,090	$-	$-	$498	$3,973	$2,692	1
77584	$3,360	$-	$-	$-	$303	$45	0
77632	$5,417	$-	$-	$231	$681	$62	0
78216	$1,918	$-	$-	$-	$56	$24	0
78228	$-	$-	$-	$-	$-	$-	0
78229	$72,292	$-	$-	$2,894	$7,498	$1,412	1
78240	$1,322	$-	$-	$1	$94	$26	0
78245	$4,312	$-	$-	$92	$336	$178	0
78255	$5,396	$-	$-	$65	$570	$58	0
78258	$312,534	$-	$-	$22,510	$60,397	$73,150	1
78260	$559	$-	$-	$-	$-	$6	0
78269	$14,516	$30.00	$30	$816	$2,481	$2,790	0
78412	$2,240	$-	$-	$37	$200	$28	0
78414	$55,335	$-	$-	$-	$9,172	$636	1
78550	$5,374	$-	$-	$-	$298	$62	1
78575	$7,533	$-	$-	$-	$317	$85	1
78611	$38,983	$-	$-	$-	$3,932	$20,753	1
78634	$65,104	$-	$-	$2,724	$7,376	$1,289	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
78660	$10,327	$-	$-	$-	$173	$112	1
78665	$1,120	$-	$-	$-	$70	$13	0
78701	$1,500	$-	$-	$138	$338	$17	0
78703	$8,810	$-	$-	$485	$1,318	$1,451	0
78704	$150,983	$-	$-	$10,550	$34,193	$18,622	1
78705	$108,075	$-	$-	$8,318	$22,878	$23,657	1
78725	$148,939	$-	$-	$8,647	$29,485	$23,646	1
78729	$1,693	$-	$-	$-	$0	$18	0
78731	$87,050	$-	$-	$10,136	$28,205	$3,375	0
78735	$21,201	$-	$-	$845	$2,468	$244	0
78737	$81,304	$-	$-	$-	$9,721	$29,414	1
78746	$61,316	$-	$-	$2,737	$8,731	$705	1
78748	$43,204	$500.00	$500	$2,929	$8,165	$7,017	0
78753	$10,771	$-	$-	$-	$754	$148	0
78756	$184,586	$-	$-	$10,540	$20,543	$43,364	1
78840	$1,800	$-	$-	$-	$1	$21	0
79924	$6,067	$-	$-	$207	$674	$1,644	0
79928	$5,045	$-	$-	$138	$487	$66	0
79936	$6,564	$-	$-	$7	$54	$68	0
80004	$5,519	$-	$-	$-	$646	$65	0
80010	$1,548	$-	$-	$-	$4	$18	0
80013	$3,140	$-	$-	$-	$159	$34	1
80014	$1,322	$-	$-	$1	$57	$26	0
80016	$1,734	$-	$-	$-	$94	$19	0
80017	$14,818	$-	$-	$98	$1,278	$163	1
80111	$31,740	$-	$-	$2,024	$6,478	$2,222	0
80121	$2,406	$-	$-	$-	$-	$26	1
80122	$19,136	$-	$-	$500	$1,596	$881	1
80127	$2,225	$-	$-	$16	$192	$26	0
80206	$62,201	$-	$-	$1,588	$6,344	$1,232	1
80214	$1,315	$-	$-	$-	$85	$14	0
80220	$22,297	$-	$-	$1,024	$3,544	$256	0
80238	$14,027	$-	$-	$68	$1,279	$220	1
80301	$91,896	$3,504.00	$-	$-	$8,349	$19,868	1
80302	$73,620	$-	$-	$-	$6,574	$11,910	1
80303	$9,454	$-	$-	$452	$1,439	$1,813	0
80305	$138,139	$400.00	$400	$7,174	$19,519	$27,252	1
80308	$158,367	$-	$-	$11,058	$25,906	$42,356	1
80424	$5,163	$-	$-	$108	$426	$102	0
80477	$7,524	$-	$-	$497	$1,881	$891	0
80487	$17,704	$-	$-	$622	$2,081	$351	1
80504	$12,853	$-	$-	$81	$500	$2,161	1
80513	$1,172	$-	$-	$-	$-	$13	1
80524	$13,104	$-	$-	$203	$1,335	$143	1
80602	$5,731	$-	$-	$-	$-	$64	1
80906	$1,322	$-	$-	$12	$94	$26	0
80908	$173	$-	$-	$-	$-	$2	0
80920	$3,519	$-	$-	$-	$124	$45	1
80921	$66,947	$-	$-	$3,203	$9,276	$18,322	1
81321	$1,572	$-	$-	$-	$-	$27	0
81327	$2,472	$-	$-	$-	$83	$27	1
81647	$4,584	$-	$-	$-	$15	$208	1
82009	$2,100	$-	$-	$139	$525	$24	0
83001	$28,000	$-	$-	$1,814	$4,567	$346	0
83318	$62,852	$-	$-	$2,538	$6,881	$1,245	1
83327	$20,139	$-	$-	$-	$1,875	$232	0
83616	$50	$-	$-	$-	$-	$1	0
83642	$64,153	$365.00	$-	$4,300	$10,708	$19,726	1
83680	$108,000	$-	$-	$7,128	$25,830	$1,242	1
83687	$2,650	$-	$-	$-	$41	$30	0
83704	$11,495	$-	$-	$305	$1,060	$132	0
83705	$18,705	$-	$-	$-	$3,343	$215	0
83706	$1,322	$-	$-	$1	$57	$26	0
83713	$18,825	$-	$-	$-	$1,477	$216	1
83716	$30,004	$-	$-	$605	$3,271	$330	1
83717	$6,617	$-	$-	$15	$420	$73	1
83814	$9,674	$-	$-	$-	$550	$111	1
83843	$15,777	$-	$-	$405	$1,213	$7,023	0
84009	$8,502	$-	$-	$63	$362	$98	0
84010	$6,350	$-	$-	$349	$890	$372	0
84011	$2,295	$-	$-	$33	$226	$25	0
84036	$45,078	$1,800.00	$-	$-	$2,585	$26,978	1
84042	$9,511	$-	$-	$79	$818	$103	1
84058	$23,725	$1,200.00	$300	$1,211	$2,613	$4,624	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
84060	$645	$-	$-	$-	$33	$7	0
84070	$(427)	$-	$-	$(35)	$(99)	$(535)	0
84098	$27,454	$-	$-	$1,670	$6,327	$316	0
84103	$80,250	$-	$-	$3,414	$7,173	$1,530	1
84108	$5,115	$-	$-	$220	$872	$23	0
84405	$7,288	$-	$-	$-	$33	$83	1
84414	$5,522	$-	$-	$7	$380	$60	1
84604	$9,082	$-	$-	$32	$546	$100	1
84663	$29,000	$2,220.00	$900	$438	$2,032	$320	1
84790	$113,607	$-	$-	$6,632	$19,298	$13,475	1
85013	$15,253	$-	$-	$62	$853	$167	1
85020	$3,154	$-	$-	$42	$339	$35	0
85022	$61,011	$-	$-	$2,426	$7,556	$1,208	1
85023	$18,250	$-	$-	$64	$428	$210	1
85024	$106,830	$-	$-	$4,413	$13,351	$1,325	1
85044	$8,628	$-	$-	$349	$1,147	$479	0
85048	$(26,604)	$-	$-	$-	$-	$(306)	0
85053	$1,322	$-	$-	$1	$57	$26	0
85054	$5,417	$-	$-	$231	$681	$62	0
85085	$149,445	$1,200.00	$-	$-	$19,066	$39,773	1
85119	$6,330	$-	$-	$17	$504	$70	1
85131	$18,542	$-	$-	$58	$351	$5,890	0
85209	$3,100	$-	$-	$-	$291	$36	0
85249	$20,282	$-	$-	$273	$1,315	$219	1
85253	$1,330,538	$-	$-	$140,914	$415,880	$59,478	3
85258	$1,322	$-	$-	$12	$94	$26	0
85259	$27,182	$-	$-	$1,363	$3,520	$6,639	0
85260	$3,259	$-	$-	$184	$543	$428	0
85262	$31,936	$-	$-	$432	$4,551	$367	1
85281	$1,770	$-	$-	$-	$44	$20	0
85282	$40,701	$-	$-	$1,082	$4,219	$8,042	1
85283	$77,904	$-	$-	$-	$11,816	$23,817	1
85284	$48,514	$-	$-	$1,947	$4,510	$961	1
85286	$3,604	$-	$-	$-	$-	$39	1
85295	$918	$-	$-	$-	$28	$168	1
85296	$6,500	$-	$-	$239	$616	$140	0
85297	$5,509	$-	$-	$-	$304	$60	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
85298	$10,703	$-	$-	$4	$386	$116	1
85308	$80,525	$-	$-	$1,613	$4,000	$1,369	1
85310	$3,136	$-	$-	$-	$73	$34	1
85323	$7,980	$-	$-	$331	$903	$2,521	0
85340	$8,871	$-	$-	$40	$661	$99	1
85364	$16,456	$-	$-	$127	$492	$190	1
85365	$12,945	$-	$-	$155	$750	$256	0
85367	$22,276	$-	$-	$698	$1,450	$4,768	1
85375	$306,609	$-	$-	$24,594	$68,615	$3,526	1
85392	$7,807	$-	$-	$275	$775	$1,115	0
85396	$6,368	$-	$-	$329	$841	$2,165	0
85658	$2,627	$-	$-	$-	$68	$28	1
85704	$5,863	$-	$-	$232	$699	$898	0
85705	$2,093	$-	$-	$16	$151	$32	0
85710	$68,100	$-	$-	$2,928	$8,803	$21,957	1
85712	$2,720	$-	$-	$45	$187	$2,212	0
85716	$64,493	$-	$0	$2,518	$9,096	$742	1
85718	$29,397	$-	$-	$-	$4,353	$582	0
85719	$8,900	$-	$-	$285	$1,146	$3,195	0
85743	$1,268	$-	$-	$-	$24	$14	1
85745	$71	$-	$-	$-	$-	$1	0
85750	$6,721	$-	$-	$112	$634	$844	0
85755	$26,001	$-	$-	$1,862	$5,245	$4,276	0
85757	$56,350	$-	$-	$-	$5,550	$648	1
85901	$-	$-	$-	$-	$-	$16	0
86004	$31,347	$-	$-	$993	$2,733	$559	1
86332	$71,675	$-	$-	$2,856	$8,642	$824	1
87031	$14,676	$-	$-	$770	$2,263	$2,448	0
87106	$68,646	$-	$-	$2,524	$8,660	$1,694	2
87110	$15,722	$-	$-	$437	$1,624	$181	0
87122	$61,011	$-	$-	$2,178	$5,829	$1,208	1
87123	$41,606	$-	$-	$698	$3,434	$453	2
87124	$211,600	$1,875.00	$1,125	$11,026	$23,830	$41,741	2
87301	$62,852	$-	$-	$2,578	$7,961	$1,245	1
87505	$6,703	$-	$-	$-	$242	$73	1
87507	$595	$-	$-	$-	$36	$15	0
87544	$6,030	$-	$-	$-	$166	$65	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
88011	$2,240	$-	$-	$37	$200	$28	0
89011	$12,625	$-	$-	$-	$773	$201	1
89012	$5,527	$-	$-	$-	$64	$60	1
89015	$2,000	$-	$-	$-	$20	$23	0
89031	$8,702	$-	$-	$209	$547	$1,033	1
89052	$55,402	$-	$-	$671	$3,492	$9,115	1
89086	$527	$-	$-	$-	$25	$115	0
89108	$8,118	$-	$-	$-	$843	$99	0
89113	$6,049	$-	$-	$-	$325	$66	1
89117	$65,430	$-	$-	$87	$1,952	$895	1
89120	$13,757	$-	$-	$1,075	$2,906	$1,386	0
89122	$1,162	$-	$-	$-	$-	$13	0
89123	$5,783	$-	$-	$-	$347	$63	1
89128	$10,831	$-	$-	$758	$1,896	$1,418	0
89129	$80,790	$-	$-	$2,520	$7,766	$20,300	1
89134	$16,320	$-	$-	$838	$2,548	$4,124	0
89138	$20,111	$-	$-	$-	$1,052	$225	2
89139	$6,068	$-	$-	$54	$305	$66	0
89141	$234	$-	$-	$-	$15	$3	0
89144	$1,452	$-	$-	$-	$-	$23	0
89147	$8,435	$-	$-	$9	$529	$91	1
89148	$5,963	$-	$-	$17	$237	$67	0
89166	$19,590	$-	$-	$608	$2,516	$3,414	0
89178	$57,387	$-	$-	$-	$6,822	$16,219	1
89183	$8,653	$-	$-	$255	$304	$1,880	0
89406	$7,800	$-	$-	$59	$354	$90	0
89431	$36,142	$-	$-	$1,436	$4,225	$416	1
89436	$9,313	$-	$-	$614	$1,489	$1,535	0
89503	$11,375	$-	$-	$123	$1,057	$125	1
89509	$5,374	$-	$-	$216	$527	$62	0
89511	$1,322	$-	$-	$12	$94	$26	0
89512	$544	$-	$-	$-	$2	$6	0
89523	$1,649	$-	$-	$2	$79	$35	0
90001	$24,494	$-	$-	$14	$1,275	$265	4
90002	$156,547	$-	$-	$4,291	$12,109	$28,385	6
90003	$42,884	$-	$-	$210	$1,173	$478	4
90004	$124,897	$-	$-	$1,027	$7,520	$1,388	10

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
90005	$25,947	$-	$-	$18	$836	$281	3
90006	$63,324	$-	$-	$397	$4,748	$762	7
90007	$11,371	$-	$-	$378	$1,456	$2,144	1
90008	$8,257	$-	$-	$-	$416	$90	1
90009	$81,461	$-	$-	$3,782	$10,384	$24,773	1
90011	$55,401	$-	$-	$175	$2,995	$610	7
90012	$191,808	$-	$-	$7,806	$19,845	$41,411	7
90014	$5,874	$-	$-	$74	$494	$68	0
90016	$57,309	$-	$-	$507	$4,157	$1,342	4
90017	$47,325	$-	$-	$605	$3,519	$521	5
90018	$21,898	$-	$-	$54	$1,240	$238	3
90019	$66,074	$-	$-	$783	$4,881	$9,969	5
90020	$112,586	$-	$-	$1,139	$7,344	$3,271	12
90022	$29,676	$-	$-	$24	$1,020	$351	4
90023	$21,326	$-	$-	$45	$1,271	$398	4
90024	$314,028	$-	$-	$15,838	$44,087	$73,362	4
90025	$172,618	$-	$-	$4,641	$16,597	$19,824	6
90026	$440,355	$-	$-	$16,412	$53,460	$79,210	14
90027	$181,308	$-	$-	$7,406	$23,886	$39,611	7
90028	$4,131	$-	$-	$45	$337	$45	0
90029	$19,432	$-	$-	$22	$770	$212	4
90031	$484,184	$-	$-	$20,877	$64,284	$93,874	12
90032	$82,096	$-	$-	$2,062	$8,443	$18,371	4
90033	$15,587	$-	$-	$-	$495	$168	3
90034	$192,365	$-	$-	$4,474	$16,575	$31,032	8
90035	$19,540	$-	$-	$687	$2,356	$4,397	1
90036	$266,494	$900.00	$150	$17,113	$44,264	$46,753	5
90037	$57,696	$-	$-	$443	$3,521	$1,162	5
90038	$9,681	$-	$-	$13	$326	$109	1
90039	$206,924	$-	$-	$8,938	$24,960	$51,988	4
90040	$25,463	$-	$-	$514	$2,223	$281	1
90041	$107,893	$-	$-	$996	$8,006	$1,362	8
90042	$380,736	$2,400.00	$1,200	$14,923	$42,085	$82,289	8
90043	$43,187	$-	$-	$49	$1,639	$506	5
90044	$96,254	$-	$-	$3,272	$10,404	$15,716	5
90045	$499,677	$-	$-	$43,281	$125,409	$85,472	4
90046	$58,769	$-	$-	$2,311	$8,166	$3,944	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
90047	$43,327	$-	$-	$283	$1,767	$481	4
90048	$26,325	$-	$-	$250	$1,221	$2,031	3
90049	$5,793	$-	$-	$-	$162	$63	1
90054	$4,467	$-	$-	$6	$230	$50	1
90056	$131,192	$-	$-	$5,662	$11,513	$34,397	2
90057	$27,737	$-	$-	$149	$1,593	$309	4
90058	$4,210	$-	$-	$-	$201	$45	1
90059	$29,540	$-	$-	$164	$2,166	$325	3
90061	$1,692	$-	$-	$-	$89	$18	0
90062	$30,831	$-	$-	$95	$1,289	$342	3
90063	$11,361	$-	$-	$6	$617	$124	2
90064	$35,016	$-	$-	$431	$2,701	$386	4
90065	$191,680	$-	$-	$3,878	$15,945	$60,235	4
90066	$119,199	$-	$-	$2,255	$12,448	$37,417	4
90067	$14,775	$-	$-	$260	$873	$170	1
90068	$6,746	$-	$-	$7	$407	$73	1
90077	$3,764	$-	$-	$54	$237	$43	1
90094	$2,008	$-	$-	$9	$134	$23	0
90122	$19,466	$-	$-	$337	$1,982	$210	1
90201	$49,989	$-	$-	$102	$1,909	$541	7
90210	$3,211	$-	$-	$-	$24	$35	1
90211	$791	$-	$-	$-	$6	$9	0
90212	$4,708	$-	$-	$-	$210	$51	1
90220	$6,000	$-	$-	$36	$451	$65	0
90221	$73,771	$-	$-	$648	$5,778	$809	6
90222	$324	$-	$-	$-	$5	$4	0
90230	$287,952	$-	$-	$8,184	$27,953	$76,092	8
90232	$46,609	$-	$-	$1,688	$5,697	$5,816	2
90237	$48,552	$-	$-	$438	$2,585	$532	2
90240	$31,322	$-	$-	$180	$2,011	$461	4
90241	$24,923	$-	$-	$205	$1,704	$286	3
90242	$15,081	$-	$-	$36	$746	$170	3
90245	$16,648	$-	$-	$16	$356	$182	2
90247	$32,348	$-	$-	$238	$2,014	$370	4
90248	$9,237	$-	$-	$-	$-	$102	2
90249	$26,586	$-	$-	$58	$1,247	$288	3
90250	$99,760	$-	$-	$2,702	$10,007	$12,035	7

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
90254	$113,869	$-	$-	$4,350	$12,401	$34,066	2
90255	$37,857	$-	$-	$242	$2,886	$990	4
90260	$13,137	$-	$-	$15	$646	$150	2
90262	$27,162	$-	$-	$79	$1,874	$454	3
90265	$62,968	$-	$-	$1,621	$6,901	$7,272	2
90266	$68,199	$-	$-	$2,265	$6,650	$783	4
90269	$71,958	$-	$-	$1,483	$6,406	$23,725	1
90270	$22,000	$-	$-	$-	$-	$253	1
90272	$117,388	$-	$-	$3,989	$11,742	$1,895	3
90274	$42,738	$-	$-	$294	$2,429	$8,888	4
90275	$159,991	$-	$-	$4,348	$14,199	$17,051	8
90277	$27,229	$-	$-	$491	$2,420	$324	2
90278	$30,969	$-	$-	$637	$2,451	$5,034	1
90280	$48,788	$-	$-	$87	$2,084	$697	8
90291	$88,549	$-	$-	$477	$3,906	$1,405	3
90292	$7,879	$-	$-	$96	$751	$91	1
90293	$1,652	$-	$-	$-	$58	$18	1
90301	$36,739	$-	$-	$526	$3,164	$557	4
90302	$70,669	$-	$-	$1,694	$6,104	$10,851	2
90303	$50,126	$-	$-	$501	$3,200	$14,500	4
90304	$36,477	$-	$-	$180	$2,269	$395	5
90305	$313	$-	$-	$-	$-	$3	0
90324	$32,689	$-	$-	$444	$2,185	$5,366	1
90402	$126,189	$-	$-	$4,424	$15,001	$7,821	3
90403	$48,671	$-	$-	$717	$2,708	$5,672	1
90404	$4,770	$-	$-	$-	$51	$52	1
90405	$64,401	$-	$-	$1,864	$7,163	$5,781	3
90501	$56,587	$-	$-	$153	$2,686	$822	9
90502	$12,798	$-	$-	$268	$1,189	$2,159	1
90503	$128,686	$-	$-	$1,228	$7,513	$3,216	14
90504	$91,819	$-	$-	$2,783	$7,490	$5,558	7
90505	$54,296	$-	$-	$183	$3,074	$602	8
90507	$2,219	$-	$-	$-	$102	$25	1
90509	$4,308	$-	$-	$4	$195	$47	1
90601	$64,580	$-	$-	$1,636	$6,389	$14,974	3
90602	$6,943	$-	$-	$19	$461	$76	1
90603	$91,456	$-	$-	$2,406	$9,746	$1,441	7

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
90604	$9,711	$-	$-	$606	$1,524	$1,085	0
90605	$93,655	$-	$-	$1,882	$8,132	$1,116	5
90606	$38,865	$-	$-	$403	$3,134	$422	3
90620	$42,170	$-	$-	$46	$1,553	$463	7
90621	$25,979	$-	$-	$5	$662	$289	5
90623	$71,964	$-	$-	$912	$5,196	$812	5
90630	$530,347	$-	$-	$21,425	$59,074	$110,051	17
90631	$65,416	$-	$-	$203	$3,456	$721	9
90638	$103,551	$-	$-	$3,358	$12,081	$12,882	7
90640	$34,252	$-	$-	$110	$1,703	$525	5
90650	$120,139	$50.00	$25	$1,586	$8,971	$6,321	12
90660	$102,037	$-	$-	$787	$7,438	$8,030	9
90670	$16,859	$-	$-	$117	$1,134	$2,205	2
90680	$35,875	$-	$-	$217	$1,774	$3,138	4
90701	$28,850	$-	$-	$59	$1,540	$489	4
90703	$110,415	$-	$-	$1,610	$8,356	$4,053	15
90706	$47,487	$-	$-	$325	$2,412	$524	5
90710	$80,774	$-	$-	$1,835	$7,645	$16,214	4
90712	$258,711	$-	$-	$10,458	$30,716	$50,388	5
90713	$38,622	$-	$-	$635	$3,165	$2,467	4
90715	$16,817	$-	$-	$241	$1,613	$192	1
90717	$4,659	$-	$-	$13	$279	$52	1
90720	$155,246	$-	$-	$3,838	$15,997	$33,247	6
90723	$29,068	$-	$-	$30	$1,391	$327	4
90731	$4,459	$-	$-	$-	$46	$48	1
90732	$23,090	$-	$-	$106	$1,459	$253	3
90733	$9,827	$-	$-	$11	$310	$107	1
90740	$12,387	$-	$28	$471	$1,322	$607	1
90744	$55,561	$-	$-	$225	$3,880	$619	6
90745	$74,563	$-	$-	$356	$3,544	$889	10
90746	$6,465	$-	$-	$11	$421	$70	1
90755	$10,604	$-	$-	$6	$543	$156	2
90802	$30,444	$-	$-	$347	$2,345	$2,922	2
90803	$90,983	$-	$-	$2,969	$8,858	$1,539	5
90804	$18,764	$-	$-	$81	$1,139	$216	2
90805	$177,456	$-	$-	$4,052	$16,323	$25,060	6
90806	$44,189	$-	$-	$798	$4,042	$482	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
90807	$207,788	$-	$-	$6,521	$21,422	$70,239	3
90808	$37,235	$-	$-	$23	$489	$2,455	3
90810	$73,070	$-	$-	$968	$5,084	$863	6
90813	$17,592	$-	$-	$77	$1,170	$191	2
90814	$7,693	$-	$20	$328	$790	$97	0
90815	$162,937	$-	$-	$3,016	$14,701	$46,707	6
90850	$2,957	$-	$-	$-	$134	$32	1
91001	$28,378	$-	$-	$271	$1,596	$318	3
91006	$83,836	$-	$-	$239	$3,274	$(840)	14
91007	$312,026	$-	$-	$10,219	$32,570	$49,681	19
91010	$33,666	$-	$-	$53	$1,072	$374	5
91011	$68,392	$-	$-	$2,091	$7,740	$7,369	4
91016	$49,473	$-	$-	$251	$3,293	$540	6
91020	$24,823	$-	$-	$33	$1,199	$274	3
91024	$35,145	$-	$-	$57	$2,043	$449	4
91030	$97,090	$-	$-	$2,607	$10,348	$8,720	7
91040	$53,034	$-	$-	$149	$2,623	$579	6
91042	$6,757	$-	$-	$2	$140	$73	1
91077	$569	$-	$-	$-	$28	$6	0
91081	$10,327	$-	$-	$0	$482	$112	1
91092	$642	$-	$-	$-	$2	$7	0
91101	$50,137	$-	$-	$1,529	$5,872	$17,001	1
91103	$6,882	$-	$-	$-	$27	$74	1
91104	$76,419	$-	$-	$2,041	$8,069	$8,465	5
91105	$156,904	$-	$-	$11,555	$27,267	$26,886	1
91106	$11,623	$-	$-	$862	$2,482	$1,388	0
91107	$64,529	$-	$-	$1,744	$7,916	$1,366	4
91108	$192,044	$-	$-	$8,832	$26,259	$30,126	5
91114	$364	$-	$-	$22	$84	$4	0
91115	$14,500	$-	$-	$162	$636	$5,901	0
91201	$13,646	$-	$-	$6	$431	$149	3
91202	$118,322	$-	$-	$5,928	$16,574	$22,097	4
91203	$18,590	$-	$-	$332	$1,666	$214	1
91204	$4,658	$-	$-	$9	$183	$51	2
91205	$40,472	$-	$-	$280	$1,964	$437	4
91206	$59,054	$-	$-	$439	$3,747	$650	6
91207	$12,105	$-	$-	$20	$479	$131	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
91208	$55,238	$-	$-	$670	$2,632	$1,763	3
91214	$212,685	$-	$-	$3,751	$17,617	$3,688	16
91301	$52,146	$-	$-	$454	$3,207	$597	6
91302	$33,359	$-	$-	$526	$2,570	$2,649	2
91303	$8,298	$-	$-	$-	$110	$90	1
91304	$122,884	$-	$-	$1,030	$7,910	$7,251	11
91306	$72,058	$-	$-	$1,643	$6,760	$16,183	4
91307	$37,913	$-	$-	$26	$1,625	$412	6
91311	$61,955	$-	$-	$922	$4,568	$11,878	6
91313	$49,785	$-	$-	$1,485	$5,708	$30,642	1
91316	$110,508	$-	$-	$2,598	$10,457	$2,457	7
91320	$49,712	$-	$-	$300	$3,007	$706	7
91321	$15,963	$-	$-	$20	$787	$174	3
91324	$4,574	$-	$-	$-	$289	$49	1
91325	$78,720	$-	$-	$1,368	$3,203	$1,485	2
91326	$223,096	$-	$-	$3,648	$15,840	$48,173	13
91331	$85,839	$-	$-	$316	$4,840	$961	10
91335	$273,441	$-	$-	$7,505	$25,525	$42,900	8
91340	$115,341	$-	$-	$1,155	$7,535	$1,324	11
91342	$234,431	$-	$-	$3,747	$16,924	$36,043	15
91343	$53,518	$-	$-	$480	$4,103	$602	7
91344	$164,979	$-	$-	$3,121	$12,457	$14,748	12
91345	$13,769	$-	$-	$147	$1,236	$149	1
91350	$56,721	$-	$-	$352	$3,744	$641	6
91351	$101,282	$-	$-	$1,210	$7,252	$27,098	6
91352	$22,439	$-	$-	$244	$1,720	$2,676	3
91354	$60,381	$2,850.00	$850	$110	$2,478	$661	8
91355	$53,859	$-	$-	$528	$3,742	$586	7
91356	$174,989	$-	$-	$9,666	$32,299	$8,731	4
91360	$53,276	$-	$-	$550	$3,972	$2,077	5
91361	$39,825	$-	$-	$747	$2,790	$5,067	4
91362	$95,456	$-	$-	$1,493	$7,427	$1,496	7
91364	$58,144	$-	$-	$421	$4,371	$891	5
91367	$147,683	$-	$-	$3,143	$11,867	$21,019	8
91377	$28,476	$-	$-	$305	$1,784	$320	3
91380	$50	$-	$-	$-	$-	$1	0
91381	$154,755	$-	$-	$3,970	$16,407	$28,185	7

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
91384	$59,197	$-	$-	$1,874	$6,235	$1,030	3
91387	$95,987	$-	$-	$589	$6,050	$1,064	10
91390	$15,780	$-	$-	$31	$872	$256	3
91392	$4,880	$-	$-	$21	$403	$53	1
91401	$23,862	$-	$-	$9	$1,193	$267	3
91402	$99,562	$-	$-	$1,014	$8,136	$1,105	9
91403	$8,471	$-	$-	$1	$280	$92	1
91404	$1,769	$-	$-	$-	$-	$19	0
91405	$131,971	$2,900.00	$1,200	$2,851	$11,444	$33,318	4
91406	$163,549	$-	$-	$2,276	$10,828	$34,489	7
91411	$6,660	$-	$-	$8	$197	$72	1
91423	$39,989	$-	$-	$494	$3,283	$434	2
91436	$11,145	$-	$-	$-	$471	$121	3
91501	$110,988	$-	$-	$4,648	$14,197	$1,791	4
91502	$10,980	$-	$-	$37	$499	$158	1
91504	$56,505	$-	$-	$1,301	$4,521	$17,031	5
91505	$34,652	$-	$-	$96	$1,495	$407	5
91506	$55,549	$-	$-	$1,342	$4,926	$17,795	3
91510	$15,458	$-	$-	$78	$1,225	$180	1
91601	$16,126	$-	$-	$99	$1,267	$177	2
91602	$17,876	$-	$-	$1,167	$3,518	$143	1
91603	$1,702	$-	$-	$-	$57	$18	0
91604	$17,367	$-	$-	$41	$910	$188	3
91605	$41,439	$-	$-	$256	$2,960	$615	4
91606	$32,040	$-	$-	$198	$2,449	$352	4
91607	$140,320	$-	$-	$8,833	$22,737	$36,314	3
91701	$73,966	$-	$-	$1,086	$5,459	$13,324	6
91702	$48,622	$-	$-	$180	$2,010	$573	6
91704	$2,687	$-	$-	$-	$47	$30	1
91706	$103,262	$-	$-	$346	$4,422	$1,122	12
91708	$4,401	$-	$-	$-	$235	$206	2
91709	$274,120	$-	$-	$4,065	$19,451	$23,690	24
91710	$206,479	$-	$-	$4,141	$15,862	$34,843	13
91711	$161,360	$-	$-	$7,107	$20,991	$31,364	7
91718	$1,689	$-	$-	$-	$89	$18	0
91722	$162,345	$-	$-	$10,948	$29,214	$34,629	3
91723	$15,433	$-	$-	$26	$452	$170	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
91724	$39,576	$-	$-	$389	$3,219	$434	4
91730	$108,560	$-	$-	$796	$7,872	$3,851	10
91731	$26,483	$-	$-	$22	$1,270	$288	4
91732	$192,800	$-	$-	$5,178	$19,280	$35,286	9
91733	$94,005	$-	$-	$1,240	$7,992	$2,566	9
91737	$29,381	$-	$-	$35	$1,206	$321	4
91739	$320,239	$-	$-	$17,231	$47,489	$21,704	11
91740	$28,114	$-	$-	$129	$1,923	$309	4
91741	$40,256	$-	$-	$820	$3,338	$466	2
91742	$966	$-	$-	$-	$15	$10	1
91744	$80,825	$675.00	$225	$449	$4,791	$883	9
91745	$127,025	$-	$-	$995	$8,212	$11,574	15
91746	$111,779	$-	$-	$2,604	$10,338	$1,924	7
91748	$382,705	$1,400.00	$230	$11,404	$38,281	$50,045	18
91750	$34,871	$-	$-	$201	$2,323	$382	3
91752	$60,615	$-	$-	$663	$4,415	$1,231	4
91754	$70,472	$-	$-	$317	$3,464	$784	9
91755	$110,518	$-	$-	$538	$3,483	$15,999	6
91761	$86,191	$-	$-	$2,135	$7,828	$24,172	3
91762	$161,377	$400.00	$1,920	$1,379	$18,384	$37,842	8
91763	$76,356	$-	$-	$1,158	$6,359	$18,971	5
91764	$38,459	$-	$-	$303	$2,699	$576	3
91765	$209,701	$-	$-	$2,205	$13,048	$28,632	15
91766	$220,525	$-	$-	$5,393	$20,376	$7,319	11
91767	$27,416	$-	$-	$225	$2,249	$318	3
91768	$119,699	$-	$-	$2,567	$10,104	$14,311	5
91770	$220,068	$45.00	$5	$1,924	$12,571	$21,800	20
91773	$75,208	$-	$-	$1,073	$6,673	$1,030	6
91775	$88,484	$-	$-	$768	$5,178	$972	9
91776	$329,380	$-	$-	$7,467	$29,557	$72,316	19
91780	$186,964	$-	$-	$1,939	$12,480	$15,383	21
91781	$1,938	$-	$-	$-	$-	$21	0
91784	$207,825	$-	$-	$8,728	$30,037	$9,474	8
91786	$115,343	$-	$-	$1,836	$8,072	$37,204	5
91789	$258,994	$-	$-	$4,550	$22,007	$22,309	18
91790	$57,219	$-	$-	$334	$4,085	$626	6
91791	$95,682	$-	$-	$1,667	$7,802	$4,453	8
91792	$74,382	$-	$-	$309	$4,041	$891	9
91801	$209,246	$-	$-	$5,474	$19,622	$34,916	15
91802	$56,250	$-	$-	$2,344	$6,976	$19,232	1
91803	$103,721	$-	$-	$975	$6,906	$1,187	10
91901	$3,744,626	$7,098.00	$3,786	$143,302	$394,735	$1,186,412	44
91902	$7,712,420	$12,894.00	$6,827	$308,776	$920,447	$2,272,677	96
91903	$261,793	$-	$-	$11,505	$28,789	$90,061	3
91905	$53,342	$-	$-	$2,093	$5,148	$13,218	1
91906	$322,129	$-	$-	$7,459	$26,470	$125,460	6
91908	$136,301	$-	$-	$6,697	$19,193	$40,359	2
91909	$181,279	$-	$-	$2,179	$8,873	$66,561	5
91910	$23,384,669	$19,742.00	$13,744	$615,315	$2,048,451	$8,474,457	390
91911	$22,133,107	$16,852.50	$14,660	$541,615	$1,857,542	$8,479,239	392
91912	$286,273	$-	$-	$4,897	$18,501	$107,119	5
91913	$32,599,347	$19,388.00	$22,113	$1,054,314	$3,105,673	$11,239,733	407
91914	$11,532,535	$12,112.50	$11,933	$466,931	$1,373,549	$3,355,516	126
91915	$17,707,500	$17,230.00	$9,249	$554,429	$1,719,598	$5,824,760	231
91916	$139,728	$-	$-	$3,412	$11,124	$50,203	1
91917	$62,136	$-	$-	$844	$4,041	$13,246	2
91921	$231,237	$-	$-	$3,766	$13,448	$87,776	5
91922	$54,625	$-	$-	$25	$1,554	$26,538	1
91924	$41,236	$-	$-	$839	$4,326	$14,972	1
91932	$5,117,205	$2,995.00	$2,943	$137,232	$459,782	$1,923,981	85
91933	$155,126	$-	$-	$2,410	$8,183	$48,806	2
91934	$-	$-	$-	$-	$-	$-	0
91935	$1,987,030	$960.00	$960	$92,826	$258,227	$557,981	20
91941	$17,229,214	$47,241.50	$18,991	$650,160	$1,929,330	$5,508,564	218
91942	$18,988,880	$21,931.00	$7,838	$668,259	$2,014,926	$6,191,775	254
91944	$164,776	$-	$-	$11,053	$29,539	$33,306	1
91945	$9,145,773	$6,315.00	$4,903	$241,772	$783,304	$3,501,247	145
91946	$432,359	$2,750.00	$1,200	$9,848	$26,416	$116,131	7
91950	$15,158,457	$9,037.25	$7,490	$368,914	$1,239,259	$6,155,571	274
91951	$340,841	$300.00	$-	$4,231	$18,695	$176,017	6
91954	$53,220	$-	$-	$1,523	$5,266	$19,716	1
91962	$310,762	$-	$-	$11,644	$28,261	$130,896	3
91963	$47,955	$-	$-	$300	$2,474	$31,000	1
91972	$7,744	$-	$-	$89	$639	$4,075	0

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91976	$63,142	$80.00	$80	$412	$2,818	$37,766	1
91977	$19,082,375	$15,227.00	$13,978	$553,421	$1,769,306	$6,845,610	300
91978	$2,752,464	$2,200.00	$5,599	$79,756	$263,986	$897,485	43
91979	$194,056	$-	$-	$5,774	$19,523	$53,045	4
91980	$56,297	$-	$-	$680	$4,935	$14,504	1
91989	$7,183	$-	$-	$27	$501	$78	1
92003	$520,278	$-	$-	$27,337	$71,154	$142,531	6
92004	$41,647	$-	$-	$1,629	$5,629	$7,550	1
92007	$11,207,034	$23,610.00	$8,440	$552,308	$1,582,756	$2,719,652	98
92008	$5,476,808	$4,912.50	$1,050	$215,817	$625,620	$1,635,621	74
92009	$23,725,447	$69,158.00	$23,208	$1,031,993	$2,913,731	$6,630,905	232
92010	$6,125,385	$35,620.00	$9,755	$257,266	$732,688	$1,850,849	63
92011	$12,218,789	$61,005.00	$24,279	$597,956	$1,641,160	$3,076,898	106
92012	$20,604	$-	$-	$289	$2,314	$226	1
92013	$39,674	$-	$-	$470	$1,907	$5,819	2
92014	$49,963,462	$193,728.36	$65,808	$2,941,993	$8,005,850	$10,233,618	302
92016	$167,767	$-	$-	$9,018	$24,107	$33,183	1
92017	$136,513	$-	$-	$8,545	$23,248	$16,503	2
92018	$122,691	$-	$-	$2,967	$12,382	$27,681	3
92019	$12,337,786	$14,605.00	$9,878	$416,766	$1,257,147	$3,966,961	168
92020	$14,071,295	$18,609.43	$8,546	$469,786	$1,402,784	$4,697,490	197
92021	$13,356,667	$11,763.00	$7,298	$391,835	$1,212,648	$4,876,954	209
92022	$395,108	$-	$-	$10,480	$33,442	$137,833	5
92023	$285,263	$1,725.00	$575	$9,847	$29,582	$85,552	4
92024	$52,774,057	$186,345.50	$44,819	$2,646,764	$7,338,430	$13,097,300	448
92025	$8,140,273	$11,300.00	$5,115	$281,850	$848,209	$2,644,045	109
92026	$9,468,095	$27,413.00	$14,314	$324,266	$973,627	$2,879,201	128
92027	$8,088,889	$5,980.00	$3,550	$274,493	$840,257	$2,575,258	116
92028	$2,089,397	$-	$1,995	$62,747	$198,786	$668,771	36
92029	$5,929,335	$9,925.00	$5,708	$241,859	$684,631	$1,786,270	69
92030	$55,196	$-	$-	$1,684	$3,658	$23,555	1
92033	$116,796	$-	$-	$7,123	$17,835	$31,139	1
92036	$332,023	$2,700.00	$-	$9,419	$32,970	$63,027	7
92037	$178,132,125	$1,179,314.51	$384,100	$9,875,060	$27,986,399	$32,307,544	1,872
92038	$717,997	$-	$-	$23,892	$73,402	$182,230	12
92039	$3,708,970	$20,490.00	$6,060	$143,543	$404,229	$993,247	40
92040	$10,286,566	$3,878.50	$6,994	$332,355	$1,002,544	$3,670,114	137

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92041	$1,165	$-	$-	$-	$-	$13	0
92042	$2,564	$-	$-	$-	$20	$28	0
92046	$173,783	$-	$-	$6,235	$19,665	$67,614	3
92050	$3,402	$-	$-	$6	$148	$37	1
92052	$114,310	$-	$-	$3,003	$9,234	$47,921	2
92053	$62,852	$-	$-	$2,446	$7,724	$727	1
92054	$6,731,554	$16,935.00	$7,960	$267,542	$774,154	$2,072,293	86
92056	$7,752,436	$6,842.50	$3,883	$234,094	$714,148	$2,576,085	113
92057	$6,446,570	$1,347.50	$1,748	$214,941	$618,895	$2,119,078	93
92058	$1,959,245	$250.00	$343	$61,172	$202,169	$559,525	30
92061	$319,260	$-	$-	$7,966	$28,754	$99,212	5
92064	$31,848,973	$40,081.54	$28,965	$1,408,197	$4,007,819	$8,930,973	321
92065	$9,644,211	$33,920.00	$18,118	$339,941	$966,844	$3,150,288	116
92067	$16,777,005	$100,766.66	$32,100	$1,235,276	$3,409,416	$2,520,705	64
92068	$25,307	$-	$-	$13	$1,177	$7,998	0
92069	$8,152,817	$867.00	$855	$289,946	$856,470	$2,660,973	114
92071	$24,544,578	$25,997.00	$17,614	$832,127	$2,477,513	$8,310,297	310
92072	$114,382	$-	$-	$4,029	$13,135	$21,448	2
92073	$11,263	$-	$-	$-	$1,083	$122	1
92074	$459,165	$6,900.00	$2,900	$15,980	$43,607	$150,839	4
92075	$26,008,569	$139,145.00	$38,410	$1,579,491	$4,446,485	$5,201,273	167
92078	$15,074,259	$20,012.00	$8,998	$544,662	$1,535,383	$4,807,738	165
92079	$12,660	$-	$-	$2	$101	$140	1
92081	$5,270,490	$13,783.00	$4,775	$198,298	$577,201	$1,595,420	75
92082	$1,863,946	$4,205.00	$4,148	$69,645	$201,336	$585,657	25
92083	$2,047,420	$3,135.00	$795	$58,479	$187,432	$731,790	36
92084	$3,125,357	$400.00	$-	$87,211	$283,718	$1,111,848	51
92085	$80,815	$50.00	$-	$3,951	$10,796	$22,482	1
92086	$611	$-	$-	$6	$66	$7	0
92088	$93,684	$-	$-	$3,130	$10,811	$32,312	2
92091	$1,275,630	$2,700.00	$-	$66,217	$177,921	$260,186	10
92092	$18,052,611	$30,394.23	$5,886	$263,156	$1,508,496	$878,110	946
92093	$11,580,228	$5,300.00	$1,535	$541,770	$1,534,967	$2,587,049	154
92096	$29,962	$-	$-	$1,576	$4,988	$10,374	1
92097	$177,958	$-	$-	$5,438	$18,376	$49,985	3
92101	$45,609,228	$126,869.20	$24,714	$2,644,292	$7,321,859	$8,770,817	420
92102	$17,666,916	$15,351.90	$9,777	$610,914	$1,909,150	$5,541,832	280

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
92103	$94,874,123	$163,426.76	$61,532	$4,804,682	$13,737,265	$20,618,524	
92104	$61,651,093	$71,879.72	$31,450	$2,595,234	$7,647,004	$16,002,812	795
92105	$18,110,795	$11,824.30	$7,748	$467,029	$1,634,519	$6,639,175	350
92106	$20,557,674	$51,827.50	$18,792	$1,079,583	$2,952,972	$5,043,627	176
92107	$34,161,685	$40,326.00	$18,130	$1,675,479	$4,818,080	$8,310,972	366
92108	$28,443,628	$16,430.00	$8,198	$1,350,338	$3,908,984	$6,661,997	328
92109	$68,620,742	$144,615.03	$60,482	$3,366,097	$9,554,999	$15,270,201	797
92110	$23,219,471	$18,925.50	$7,129	$1,053,892	$2,994,700	$6,193,693	266
92111	$37,257,729	$67,185.54	$38,825	$1,325,207	$4,026,453	$11,465,447	539
92112	$660,829	$-	$-	$38,499	$115,363	$151,644	8
92113	$9,959,775	$5,573.50	$2,619	$192,145	$725,327	$3,999,206	214
92114	$23,601,693	$17,517.00	$13,863	$552,731	$1,957,426	$9,342,232	426
92115	$27,334,763	$42,647.00	$11,814	$935,961	$2,869,136	$8,741,048	407
92116	$52,479,757	$52,386.51	$30,924	$2,199,060	$6,486,793	$14,381,215	683
92117	$64,397,033	$189,663.92	$73,913	$2,449,206	$7,234,967	$19,147,337	886
92118	$9,997,596	$19,815.00	$2,380	$529,606	$1,564,166	$2,022,254	89
92119	$15,977,132	$31,145.00	$11,923	$572,213	$1,695,896	$5,330,040	201
92120	$21,512,182	$22,147.50	$22,198	$855,304	$2,506,694	$6,400,740	256
92121	$17,562,160	$41,256.71	$10,756	$664,427	$1,982,635	$3,771,047	330
92122	$171,618,090	$371,522.10	$132,453	$6,662,834	$20,071,937	$38,107,217	3,135
92123	$26,009,564	$24,025.80	$18,892	$1,076,517	$3,224,759	$6,865,502	335
92124	$20,843,552	$42,768.48	$23,747	$843,005	$2,500,271	$5,876,426	243
92126	$75,515,435	$85,714.00	$43,298	$2,501,753	$7,770,390	$24,461,612	1,102
92127	$54,070,822	$163,899.44	$23,095	$2,804,290	$7,923,095	$13,023,788	436
92128	$36,982,090	$73,749.50	$41,640	$1,546,029	$4,367,920	$10,907,253	411
92129	$64,757,489	$175,550.43	$82,610	$2,586,036	$7,360,752	$18,530,078	677
92130	$167,816,840	$686,725.74	$185,749	$9,437,696	$26,018,334	$35,301,871	1,131
92131	$56,511,597	$216,534.98	$151,722	$2,788,033	$7,750,053	$14,745,499	482
92132	$65,100	$-	$-	$2,993	$6,918	$21,200	0
92136	$63,192	$-	$-	$1,952	$6,503	$18,109	2
92137	$114,946	$575.00	$575	$2,545	$13,352	$30,315	2
92138	$924,832	$-	$20	$33,061	$97,304	$268,555	10
92139	$16,747,064	$33,947.50	$21,738	$429,633	$1,414,343	$6,422,691	274
92141	$102,700	$-	$-	$2,165	$6,312	$43,753	1
92142	$370,413	$-	$-	$17,465	$50,159	$106,607	3
92143	$367,142	$-	$-	$5,588	$27,199	$138,173	8
92145	$125,644	$-	$-	$6,124	$17,205	$23,362	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
92149	$128,728	$-	$-	$4,675	$15,276	$30,720	2
92150	$1,075,179	$752.50	$480	$48,538	$140,206	$265,239	10
92153	$483,732	$300.00	$700	$16,459	$53,242	$185,991	7
92154	$25,008,325	$15,309.50	$13,467	$610,489	$2,069,478	$9,441,150	423
92159	$352,341	$-	$-	$17,662	$35,999	$101,420	4
92160	$356,157	$1,100.00	$825	$9,472	$28,908	$69,959	5
92163	$1,629,957	$3,469.00	$700	$65,535	$191,849	$547,974	21
92165	$90,074	$-	$-	$1,098	$4,567	$47,691	3
92166	$253,682	$-	$-	$10,657	$37,016	$84,455	3
92167	$49,777	$-	$-	$1,623	$5,913	$13,747	1
92168	$650,023	$-	$-	$-	$-	$195,488	8
92169	$343,569	$-	$-	$3,246	$10,428	$114,320	5
92170	$14,393	$-	$-	$-	$-	$7,739	0
92171	$278,491	$-	$-	$1,221	$5,719	$75,748	5
92172	$377,867	$-	$-	$24	$146	$129,431	6
92173	$4,861,042	$-	$-	$6,911	$28,816	$1,939,143	107
92174	$233,772	$-	$-	$-	$-	$98,690	4
92175	$252,377	$-	$-	$38	$817	$92,510	5
92176	$575,093	$-	$-	$-	$-	$194,332	10
92177	$811,416	$-	$-	$12,167	$28,567	$240,285	7
92178	$60,011	$-	$-	$-	$-	$21,178	1
92191	$276,874	$-	$-	$4,787	$13,149	$63,341	4
92192	$3,030,541	$-	$-	$34,851	$98,398	$908,151	40
92193	$608,810	$-	$-	$-	$170	$214,448	8
92195	$253,458	$-	$-	$-	$-	$104,955	5
92196	$294,588	$-	$2,400	$4,809	$13,956	$103,122	4
92198	$495,061	$-	$-	$1,205	$4,430	$153,237	6
92201	$67,946	$-	$-	$163	$3,321	$741	8
92203	$29,159	$-	$-	$12	$207	$3,577	2
92210	$30,348	$-	$-	$-	$-	$429	1
92211	$37,256	$-	$-	$172	$1,705	$410	5
92219	$12,322	$-	$-	$-	$-	$6,682	0
92220	$42,056	$-	$-	$5	$229	$15,123	3
92223	$39,055	$1,713.09	$298	$301	$2,107	$425	4
92225	$62,597	$-	$-	$-	$-	$18,033	1
92226	$11,683	$-	$-	$-	$-	$6,748	0
92227	$197,076	$-	$-	$-	$-	$37,536	8

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
92231	$201,222	$-	$-	$237	$1,078	$25,135	13
92233	$49,873	$-	$-	$-	$-	$12,820	1
92234	$54,555	$-	$-	$-	$-	$8,834	6
92236	$52,639	$-	$-	$-	$-	$581	6
92240	$40,513	$-	$-	$-	$-	$446	4
92243	$1,108,748	$-	$-	$12	$298	$273,399	25
92247	$77,717	$-	$-	$-	$-	$34,546	1
92249	$35,592	$-	$-	$-	$-	$402	4
92250	$14,187	$-	$-	$-	$-	$153	2
92251	$236,650	$-	$-	$236	$935	$46,834	10
92252	$26,860	$-	$-	$593	$1,833	$356	1
92253	$191,448	$-	$-	$-	$-	$49,310	9
92254	$17,958	$-	$-	$-	$-	$200	1
92260	$140,339	$-	$-	$-	$-	$32,278	2
92262	$132,084	$-	$-	$-	$-	$35,365	3
92264	$124,700	$-	$-	$-	$-	$40,181	1
92270	$22,089	$-	$-	$-	$68	$1,010	2
92273	$14,254	$-	$-	$-	$-	$273	0
92274	$2,718	$-	$-	$-	$-	$29	1
92276	$21,552	$-	$-	$-	$-	$240	2
92284	$32,418	$-	$-	$-	$-	$477	2
92301	$21,144	$-	$-	$-	$-	$232	2
92307	$56,579	$-	$-	$-	$-	$6,646	5
92308	$7,368	$-	$-	$-	$-	$1,044	1
92310	$43,961	$-	$-	$-	$-	$571	1
92313	$102,804	$-	$-	$-	$-	$25,821	2
92314	$4,560	$-	$-	$-	$-	$920	1
92315	$45,007	$-	$-	$-	$-	$492	2
92316	$38,707	$-	$-	$-	$-	$420	3
92320	$11,312	$-	$-	$-	$-	$123	1
92324	$194,971	$-	$-	$109	$938	$12,197	5
92329	$3,046	$-	$-	$-	$-	$33	1
92331	$20	$-	$-	$-	$-	$0	0
92335	$75,791	$-	$-	$-	$-	$830	7
92336	$325,092	$-	$-	$-	$-	$44,598	12
92337	$12,852	$-	$-	$-	$-	$456	3
92344	$28,837	$-	$-	$-	$-	$622	5

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
92345	$196,192	$-	$-	$-	$-	$47,737	7
92346	$69,479	$-	$-	$-	$-	$4,068	5
92354	$24,326	$-	$-	$227	$754	$417	4
92356	$6,247	$-	$-	$-	$-	$67	1
92359	$18,143	$-	$-	$-	$-	$203	2
92370	$2,782	$-	$-	$-	$-	$30	0
92372	$4,327	$-	$-	$-	$-	$47	1
92373	$143,133	$-	$-	$1,074	$3,999	$20,183	7
92374	$144,117	$-	$-	$1,616	$5,888	$14,123	7
92375	$7,637	$-	$-	$-	$-	$3,333	0
92376	$101,268	$-	$-	$-	$-	$14,693	8
92377	$110,659	$-	$-	$-	$-	$45,676	4
92385	$501	$-	$-	$-	$-	$5	0
92392	$34,369	$-	$-	$-	$-	$372	5
92393	$1,343	$-	$-	$-	$-	$14	1
92394	$36,515	$-	$-	$-	$-	$396	4
92395	$32,830	$-	$-	$-	$-	$355	4
92397	$7,949	$-	$-	$-	$-	$86	1
92399	$35,645	$-	$-	$-	$-	$674	1
92404	$41,752	$-	$-	$-	$-	$467	4
92405	$45,660	$-	$-	$-	$-	$11,278	1
92407	$106,666	$-	$-	$-	$-	$24,147	6
92410	$13,388	$-	$-	$-	$-	$281	2
92411	$20,394	$-	$-	$-	$-	$224	1
92443	$3,677	$-	$-	$-	$-	$40	1
92501	$67,340	$-	$-	$1,342	$3,975	$5,438	3
92503	$73,247	$-	$-	$-	$-	$972	11
92504	$181,141	$-	$-	$-	$-	$16,238	8
92505	$91,043	$-	$-	$-	$-	$5,715	9
92506	$114,500	$-	$-	$421	$1,471	$27,522	4
92507	$127,928	$-	$-	$397	$1,472	$13,107	4
92508	$264,962	$-	$-	$121	$2,049	$37,638	12
92509	$234,865	$-	$-	$-	$42	$59,727	13
92530	$277,800	$-	$-	$-	$-	$63,870	8
92532	$262,154	$-	$-	$-	$-	$89,588	8
92536	$86,648	$-	$-	$3,020	$5,353	$22,766	1
92539	$55,648	$-	$-	$-	$-	$636	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
92543	$120,852	$-	$-	$-	$-	$36,230	3
92544	$157,975	$-	$-	$-	$-	$63,895	6
92545	$393,270	$-	$-	$-	$-	$156,597	9
92548	$14,633	$-	$-	$-	$-	$163	2
92549	$8,765	$-	$-	$-	$-	$95	1
92551	$147,631	$-	$-	$612	$2,974	$33,948	5
92553	$179,790	$-	$-	$-	$-	$47,941	8
92555	$272,303	$-	$-	$-	$-	$65,920	9
92557	$252,697	$-	$-	$-	$-	$52,959	15
92562	$3,498,149	$-	$-	$36,815	$120,105	$952,752	49
92563	$5,619,101	$-	$-	$2,449	$6,768	$1,711,997	68
92564	$311,000	$-	$-	$-	$-	$6,718	1
92570	$60,059	$-	$-	$-	$-	$825	9
92571	$92,854	$-	$-	$-	$-	$1,251	10
92582	$168,674	$-	$-	$-	$-	$30,614	6
92583	$84,086	$-	$-	$-	$-	$21,511	3
92584	$1,211,391	$-	$-	$413	$1,782	$393,800	25
92585	$232,177	$-	$-	$1,664	$5,597	$90,313	7
92586	$358,595	$-	$-	$-	$-	$115,969	5
92587	$93,534	$-	$-	$-	$-	$31,590	2
92589	$60,002	$-	$-	$-	$-	$18,639	1
92590	$33,198	$-	$-	$-	$-	$10,865	1
92591	$2,586,093	$-	$-	$2,458	$10,090	$904,224	43
92592	$7,592,400	$-	$-	$126,503	$339,625	$2,098,109	104
92593	$276,376	$-	$-	$-	$-	$107,403	4
92595	$968,300	$-	$-	$3,026	$11,462	$322,506	15
92596	$2,574,142	$-	$-	$-	$-	$921,592	40
92602	$297,055	$-	$-	$-	$-	$34,646	13
92603	$231,458	$-	$-	$6,181	$18,644	$69,381	4
92604	$340,662	$-	$-	$-	$-	$89,309	9
92605	$95,914	$-	$-	$-	$-	$27,908	1
92606	$96,547	$-	$-	$-	$-	$21,615	2
92610	$48,196	$-	$-	$-	$-	$12,926	2
92612	$239,696	$-	$-	$1,828	$10,112	$26,743	7
92614	$105,692	$2,100.00	$250	$3,890	$11,623	$5,968	3
92617	$400,739	$-	$-	$13,516	$43,072	$56,864	9
92618	$512,324	$-	$-	$-	$-	$91,520	8

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
92619	$23,448	$-	$-	$-	$-	$272	2
92620	$457,729	$-	$-	$6,231	$18,171	$60,775	20
92624	$414,104	$-	$-	$20,780	$57,748	$65,115	3
92625	$17,907	$-	$-	$-	$-	$3,339	1
92626	$133,793	$-	$-	$-	$-	$5,772	7
92627	$17,656	$-	$-	$155	$705	$221	2
92629	$690,866	$-	$-	$1,324	$4,142	$151,282	8
92630	$240,827	$-	$-	$80	$661	$56,782	11
92637	$81,030	$-	$-	$9	$431	$24,938	2
92644	$4,546	$-	$-	$-	$-	$115	1
92646	$330,728	$-	$-	$-	$-	$14,483	12
92647	$67,565	$-	$-	$115	$632	$8,379	6
92648	$186,379	$-	$-	$3,652	$12,051	$2,047	10
92649	$81,761	$-	$-	$1,090	$4,803	$938	5
92651	$838,505	$2,000.00	$200	$34,966	$100,375	$129,015	3
92653	$492,237	$-	$-	$900	$1,704	$130,617	9
92655	$3,939	$-	$-	$-	$-	$52	1
92656	$361,923	$-	$-	$621	$1,886	$73,346	11
92657	$491,564	$-	$-	$19,950	$54,477	$106,129	5
92660	$32,644	$-	$-	$180	$1,092	$363	2
92663	$42,344	$-	$-	$2,056	$4,789	$5,551	1
92672	$1,409,547	$-	$-	$24,858	$68,270	$220,602	13
92673	$285,255	$-	$-	$192	$1,006	$78,564	8
92675	$251,808	$600.00	$600	$1,649	$6,715	$54,664	7
92677	$320,024	$-	$-	$892	$4,575	$55,168	13
92679	$315,811	$-	$-	$5,902	$14,491	$76,959	5
92683	$203,628	$-	$-	$2,513	$7,017	$9,246	15
92685	$273	$-	$-	$-	$-	$161	1
92688	$280,514	$-	$-	$-	$-	$40,469	7
92690	$9,686	$-	$-	$-	$-	$105	1
92691	$490,632	$-	$-	$12,707	$34,519	$113,456	10
92692	$361,487	$-	$-	$28	$1,640	$39,844	14
92694	$254,154	$-	$-	$1,997	$6,545	$46,390	8
92701	$34,848	$-	$-	$-	$-	$377	3
92703	$117,205	$-	$-	$2,452	$7,372	$8,379	7
92704	$175,256	$-	$-	$-	$-	$24,591	10
92705	$176,954	$-	$-	$2,425	$9,164	$17,015	8

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92706	$8,673	$-	$-	$-	$-	$95	2
92707	$95,757	$-	$-	$2,627	$6,170	$1,081	5
92708	$308,109	$-	$-	$527	$2,864	$49,495	17
92728	$501	$-	$-	$-	$-	$5	0
92773	$5,786	$-	$-	$-	$-	$62	1
92780	$112,388	$-	$-	$-	$-	$18,247	6
92781	$4,923	$-	$-	$-	$-	$799	0
92782	$306,412	$-	$-	$318	$746	$62,144	9
92801	$104,014	$-	$-	$993	$3,431	$11,196	8
92802	$50,824	$-	$-	$-	$-	$12,750	4
92804	$180,085	$-	$-	$173	$568	$18,178	12
92805	$102,795	$-	$-	$610	$1,900	$29,788	6
92806	$49,963	$-	$-	$1,201	$4,281	$10,880	2
92807	$64,275	$-	$-	$-	$-	$6,154	7
92808	$34,305	$-	$-	$-	$-	$412	4
92809	$1,086	$-	$-	$-	$-	$19	0
92821	$272,319	$-	$-	$3,870	$11,909	$31,977	10
92823	$235,397	$-	$-	$-	$-	$52,890	1
92831	$17,255	$-	$-	$-	$-	$195	2
92832	$1,013	$-	$-	$-	$-	$11	0
92833	$341,238	$-	$-	$-	$-	$76,926	14
92835	$75,643	$-	$-	$-	$-	$25,896	4
92840	$195,098	$-	$-	$-	$-	$34,403	10
92841	$49,158	$-	$-	$-	$-	$535	8
92843	$87,814	$-	$-	$-	$-	$1,124	8
92844	$41,172	$-	$-	$-	$-	$9,841	4
92845	$79,119	$-	$-	$-	$-	$18,322	2
92846	$15,888	$-	$-	$-	$-	$315	1
92860	$70,424	$-	$-	$-	$-	$28,745	3
92861	$44,294	$-	$-	$1,642	$4,357	$8,177	1
92865	$953	$-	$-	$-	$-	$10	0
92866	$2,832	$-	$-	$-	$-	$31	0
92867	$372,977	$-	$-	$3,515	$8,399	$92,128	6
92868	$74,232	$-	$-	$-	$-	$26,842	2
92869	$446,298	$-	$-	$96	$558	$61,435	7
92870	$97,871	$-	$-	$-	$-	$9,116	9
92871	$3,497	$-	$-	$-	$-	$38	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
92879	$118,832	$-	$-	$-	$-	$10,063	10
92880	$463,290	$-	$-	$382	$1,189	$109,195	17
92881	$162,362	$-	$-	$-	$-	$19,498	10
92882	$171,763	$-	$-	$3,300	$10,322	$2,449	11
92883	$183,182	$-	$-	$-	$-	$48,986	4
92886	$506,205	$3,000.00	$-	$1,886	$9,865	$64,694	15
92887	$150,116	$-	$-	$-	$1	$27,730	7
92919	$56,625	$-	$-	$-	$-	$35,667	1
93001	$43,492	$-	$-	$-	$-	$12,597	2
93003	$139,306	$-	$-	$2,417	$6,889	$15,242	3
93004	$41,739	$-	$-	$-	$-	$6,669	4
93010	$58,691	$-	$-	$-	$-	$917	4
93012	$37,119	$-	$-	$74	$283	$416	5
93013	$341	$-	$-	$-	$-	$4	0
93015	$35,333	$-	$-	$-	$-	$565	3
93021	$96,740	$-	$-	$-	$20	$7,092	6
93022	$496	$-	$-	$-	$-	$5	0
93023	$24,333	$-	$-	$-	$-	$263	1
93027	$61,891	$-	$300	$2,262	$6,214	$7,325	1
93030	$75,644	$-	$-	$-	$-	$847	5
93033	$41,756	$-	$-	$-	$-	$465	6
93035	$28,732	$-	$-	$-	$-	$7,532	1
93036	$17,416	$-	$-	$-	$-	$191	2
93041	$15,122	$-	$-	$-	$-	$164	1
93063	$109,665	$-	$-	$-	$-	$1,646	13
93064	$107,255	$-	$-	$-	$-	$1,233	1
93065	$134,834	$-	$-	$-	$-	$21,903	5
93101	$129,721	$-	$-	$5,128	$13,896	$28,940	2
93103	$240,000	$-	$-	$16,787	$42,770	$39,920	1
93105	$15,355	$-	$-	$-	$-	$167	3
93108	$5,425	$-	$-	$-	$-	$78	0
93109	$92,000	$-	$-	$1,551	$6,272	$40,116	1
93110	$4,322	$-	$-	$-	$-	$47	1
93117	$98,168	$-	$-	$-	$-	$15,505	6
93118	$3,579	$-	$-	$-	$-	$40	0
93130	$2,399	$-	$-	$-	$-	$26	1
93203	$4,132	$-	$-	$-	$-	$44	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
93206	$7,659	$-	$-	$50	$384	$112	0
93210	$3,278	$-	$-	$-	$-	$1,362	0
93215	$39,624	$-	$-	$-	$-	$434	4
93221	$7,546	$-	$-	$-	$-	$82	1
93223	$8,687	$-	$-	$-	$-	$95	1
93230	$91,625	$-	$-	$-	$-	$33,152	3
93235	$6,338	$-	$-	$-	$-	$1,894	0
93245	$143,578	$-	$-	$-	$-	$29,802	5
93247	$58,497	$-	$-	$-	$-	$15,863	2
93248	$6,171	$-	$-	$-	$-	$67	1
93250	$22,138	$-	$-	$-	$-	$244	2
93257	$47,320	$-	$-	$490	$2,524	$4,915	3
93263	$518	$-	$-	$-	$-	$6	0
93267	$7,666	$-	$-	$-	$-	$83	1
93274	$70,755	$-	$-	$46	$341	$6,088	4
93277	$4,896	$-	$-	$-	$-	$60	1
93280	$474	$-	$-	$-	$-	$6	0
93290	$13,248	$-	$-	$-	$-	$145	1
93291	$27,185	$-	$-	$-	$-	$304	4
93292	$5,441	$-	$-	$-	$-	$59	1
93301	$9,874	$-	$-	$-	$-	$109	1
93304	$24,075	$-	$-	$-	$-	$4,704	1
93305	$60,987	$-	$-	$-	$-	$26,343	1
93306	$208,918	$-	$-	$-	$-	$43,709	5
93307	$70,257	$-	$-	$-	$-	$1,080	5
93308	$10,133	$-	$-	$-	$-	$111	1
93309	$99,073	$-	$-	$-	$-	$27,501	4
93311	$179,708	$-	$-	$-	$-	$25,485	9
93312	$98,350	$-	$-	$-	$-	$16,517	5
93313	$53,399	$-	$-	$-	$-	$11,010	4
93314	$108,346	$-	$-	$-	$-	$38,209	2
93401	$161,406	$-	$-	$38	$258	$56,763	5
93402	$2,550	$-	$-	$-	$-	$28	1
93405	$6,649	$-	$-	$-	$-	$86	1
93406	$3,489	$-	$-	$-	$-	$181	1
93420	$2,457	$-	$-	$-	$-	$28	1
93421	$30,245	$-	$-	$-	$-	$330	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
93422	$72,228	$-	$-	$946	$5,228	$41,143	1
93427	$11,006	$-	$-	$-	$-	$5,342	1
93433	$3,167	$-	$-	$-	$-	$43	0
93436	$23,147	$-	$-	$-	$-	$251	3
93440	$10,705	$-	$-	$-	$-	$132	1
93444	$151,243	$-	$-	$-	$-	$33,396	2
93446	$36,536	$-	$-	$57	$263	$439	5
93449	$19,038	$-	$-	$-	$-	$209	1
93454	$8,239	$-	$-	$-	$-	$90	1
93455	$54,420	$-	$-	$-	$-	$21,268	3
93458	$1,974	$-	$-	$-	$-	$21	0
93463	$3,375	$-	$-	$-	$-	$38	0
93465	$20,912	$-	$-	$-	$-	$2,156	1
93501	$8,396	$-	$-	$-	$-	$91	1
93505	$125,815	$-	$-	$-	$-	$33,596	1
93510	$14,078	$-	$-	$-	$-	$153	1
93514	$12,706	$-	$-	$-	$-	$1,859	1
93530	$9,219	$-	$-	$-	$-	$101	1
93534	$30,609	$-	$-	$-	$-	$525	2
93535	$63,067	$-	$-	$-	$-	$17,940	2
93536	$79,229	$-	$-	$-	$-	$26,836	4
93543	$6,257	$-	$-	$-	$-	$68	1
93546	$9,046	$-	$-	$362	$895	$1,358	0
93550	$213,470	$-	$-	$-	$-	$47,099	10
93551	$149,685	$-	$-	$2,020	$7,482	$2,502	10
93552	$105,348	$-	$-	$-	$-	$6,678	9
93555	$7,649	$-	$-	$-	$-	$1,247	1
93560	$12,703	$-	$-	$-	$-	$137	1
93561	$31,505	$-	$-	$-	$-	$344	2
93609	$5,412	$-	$-	$-	$-	$59	1
93610	$6,342	$-	$-	$-	$-	$68	0
93611	$141,954	$-	$-	$-	$-	$23,535	5
93612	$69,055	$-	$-	$-	$-	$33,121	1
93614	$9,669	$-	$-	$-	$-	$110	1
93615	$53,392	$-	$-	$-	$-	$17,069	1
93618	$2,639	$-	$-	$-	$-	$29	1
93619	$12,821	$-	$-	$1	$57	$161	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
93625	$9,508	$-	$-	$-	$-	$103	1
93631	$9,123	$-	$-	$-	$-	$99	1
93635	$3,092	$-	$-	$-	$-	$33	1
93636	$2,201	$-	$-	$-	$-	$24	0
93637	$4,704	$-	$-	$-	$-	$51	1
93638	$10,759	$-	$-	$-	$-	$116	1
93640	$15,034	$-	$-	$-	$-	$164	2
93644	$4,587	$-	$-	$-	$-	$50	1
93646	$7,794	$-	$-	$-	$-	$87	1
93647	$-	$-	$-	$-	$-	$96	1
93648	$71	$-	$-	$-	$-	$1	0
93654	$9,834	$-	$-	$-	$-	$119	1
93656	$6,886	$-	$-	$-	$-	$75	1
93657	$12,217	$-	$-	$-	$-	$132	2
93662	$6,020	$-	$-	$-	$-	$71	1
93701	$8,521	$-	$-	$-	$-	$92	1
93702	$2,021	$-	$-	$-	$-	$22	0
93703	$18,195	$-	$-	$-	$-	$3,995	1
93704	$4,413	$-	$-	$-	$-	$48	1
93705	$71,267	$-	$-	$-	$-	$32,896	2
93710	$19,682	$-	$-	$-	$-	$214	2
93711	$85,101	$-	$-	$-	$-	$7,080	4
93720	$185,960	$-	$-	$-	$-	$79,126	4
93722	$69,476	$-	$-	$-	$-	$31,279	3
93725	$25,539	$-	$-	$-	$-	$278	3
93726	$12,872	$-	$-	$-	$-	$141	1
93727	$48,586	$-	$-	$-	$-	$727	4
93728	$2,719	$-	$-	$-	$-	$29	0
93730	$4,284	$-	$-	$-	$-	$197	2
93771	$39,680	$-	$-	$-	$-	$13,197	1
93901	$53,484	$-	$-	$-	$-	$12,444	3
93905	$29,513	$-	$-	$-	$-	$324	4
93906	$83,133	$-	$-	$-	$-	$25,320	2
93907	$3,442	$-	$-	$-	$-	$37	0
93908	$20,810	$-	$-	$-	$-	$412	0
93912	$65,102	$-	$-	$-	$-	$18,891	1
93922	$23,044	$-	$-	$483	$1,770	$6,255	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
93923	$5,100	$-	$-	$-	$-	$55	1
93926	$1,438	$-	$-	$-	$-	$16	0
93933	$32,880	$-	$-	$-	$-	$5,890	2
93940	$28,421	$-	$-	$-	$-	$7,128	1
93943	$28,281	$-	$-	$-	$-	$310	1
93950	$167,788	$2,400.00	$1,200	$6,038	$16,751	$37,279	1
93953	$133,824	$-	$-	$-	$-	$26,315	1
93955	$11,539	$-	$-	$-	$-	$275	2
93960	$5,134	$-	$-	$-	$-	$56	1
94002	$162,692	$-	$-	$9,689	$18,501	$39,557	3
94010	$132,347	$-	$-	$5,832	$17,347	$16,532	5
94014	$8,972	$-	$-	$-	$-	$97	2
94015	$159,429	$-	$-	$-	$-	$21,395	12
94019	$14,245	$-	$-	$-	$-	$154	2
94022	$68,782	$-	$-	$1,463	$4,458	$1,512	4
94024	$60,580	$-	$-	$-	$-	$683	7
94025	$78,893	$-	$-	$741	$2,278	$6,447	4
94027	$42,363	$-	$-	$726	$2,495	$3,601	2
94030	$63,129	$-	$-	$-	$-	$691	5
94040	$8,599	$-	$-	$-	$-	$93	2
94041	$3,627	$-	$-	$-	$-	$314	1
94043	$86,218	$-	$-	$-	$-	$8,951	5
94044	$324,118	$-	$-	$9,952	$25,429	$47,011	6
94061	$233,432	$-	$-	$14,793	$42,295	$20,421	2
94062	$122,593	$-	$-	$-	$-	$19,580	6
94065	$35,888	$-	$-	$-	$-	$3,568	0
94066	$71,870	$-	$-	$22	$136	$16,809	7
94070	$16,780	$-	$-	$-	$-	$181	2
94080	$63,402	$-	$-	$122	$328	$2,252	7
94083	$4,503	$-	$-	$137	$424	$619	0
94085	$34,428	$-	$-	$-	$-	$3,066	1
94086	$50,440	$-	$-	$-	$-	$2,868	5
94087	$281,737	$-	$-	$1,362	$4,442	$67,125	15
94089	$4,365	$-	$-	$-	$-	$49	1
94102	$261	$-	$-	$-	$-	$3	0
94103	$6,301	$-	$-	$-	$-	$68	1
94104	$16,787	$-	$-	$1,147	$3,378	$206	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
94105	$47,062	$-	$-	$-	$-	$7,298	2
94107	$435,199	$-	$-	$1,542	$5,187	$72,379	2
94108	$33,378	$-	$-	$711	$2,963	$429	1
94109	$180,595	$-	$-	$2,908	$8,880	$49,203	3
94110	$157,097	$-	$-	$6,311	$18,167	$25,512	4
94111	$822	$-	$-	$-	$-	$9	0
94112	$95,127	$-	$-	$-	$-	$1,058	13
94114	$33,938	$-	$-	$1,035	$3,233	$439	1
94115	$32,632	$-	$-	$-	$-	$5,874	2
94116	$188,006	$-	$-	$1,660	$5,704	$43,037	11
94117	$156,854	$-	$-	$-	$-	$23,844	2
94118	$70,907	$-	$-	$1,631	$6,687	$1,371	2
94121	$111,921	$-	$-	$1,744	$4,478	$2,203	6
94122	$158,789	$-	$-	$2,021	$4,707	$2,675	14
94124	$43,677	$-	$-	$-	$-	$472	3
94127	$38,993	$-	$-	$-	$-	$429	3
94131	$5,316	$-	$-	$-	$-	$57	1
94132	$61,938	$-	$-	$-	$-	$791	6
94133	$16,789	$-	$-	$-	$-	$198	2
94134	$55,529	$-	$-	$-	$-	$608	8
94256	$1,142	$-	$-	$-	$-	$12	1
94301	$59,685	$-	$-	$-	$-	$8,660	2
94303	$220,816	$-	$-	$17,823	$50,812	$10,625	5
94304	$59,119	$-	$-	$2,513	$8,357	$680	1
94305	$1,398	$-	$-	$-	$-	$16	0
94306	$115,457	$-	$-	$6,058	$17,469	$6,724	5
94401	$217,004	$-	$-	$7,751	$28,054	$25,383	3
94402	$44,826	$-	$-	$983	$2,904	$949	3
94403	$68,280	$-	$-	$561	$2,133	$1,181	2
94404	$74,248	$-	$-	$519	$1,553	$5,718	7
94501	$90,939	$-	$-	$-	$-	$991	12
94502	$8,639	$-	$-	$-	$-	$94	2
94503	$2,513	$-	$-	$-	$-	$27	1
94505	$85,207	$-	$-	$-	$-	$23,744	2
94506	$28,607	$-	$-	$-	$0	$493	4
94507	$10,811	$-	$-	$-	$-	$121	2
94509	$14,190	$-	$-	$-	$-	$164	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
94510	$10,173	$-	$-	$-	$-	$111	2
94513	$67,278	$-	$-	$-	$-	$2,552	9
94515	$1,255	$-	$-	$-	$-	$14	1
94517	$14,450	$-	$-	$-	$-	$163	2
94518	$15,845	$-	$-	$-	$-	$180	1
94519	$371	$-	$-	$-	$-	$4	0
94520	$17,184	$-	$-	$-	$-	$186	2
94521	$8,269	$-	$-	$-	$-	$261	2
94523	$124,385	$-	$-	$-	$-	$26,648	3
94526	$26,146	$-	$-	$-	$-	$303	3
94530	$187,730	$-	$-	$3,508	$9,490	$62,908	3
94531	$75,055	$-	$-	$-	$-	$4,468	7
94533	$33,501	$-	$-	$18	$122	$2,964	2
94534	$49,748	$-	$-	$-	$-	$4,534	3
94536	$139,916	$-	$-	$-	$-	$18,730	9
94538	$82,582	$-	$-	$-	$-	$5,259	11
94539	$353,113	$-	$715	$3,928	$11,744	$50,883	25
94540	$203	$-	$-	$-	$-	$2	0
94541	$53,912	$-	$-	$-	$-	$638	4
94542	$8,209	$-	$-	$-	$-	$89	1
94544	$1,365	$-	$-	$-	$-	$15	0
94545	$39,490	$-	$-	$-	$-	$5,226	3
94546	$56,708	$-	$-	$-	$-	$1,297	8
94547	$33,800	$-	$-	$-	$-	$448	4
94549	$66,777	$-	$-	$76	$163	$919	4
94550	$91,753	$-	$-	$212	$771	$1,002	6
94551	$43,087	$-	$-	$-	$-	$522	4
94552	$37,329	$-	$-	$-	$-	$411	4
94553	$81,219	$-	$-	$-	$-	$33,465	2
94555	$56,398	$-	$-	$-	$-	$732	6
94556	$60,098	$-	$-	$-	$-	$7,552	5
94558	$9,197	$-	$-	$-	$-	$99	2
94559	$20,536	$-	$-	$-	$-	$223	2
94560	$27,828	$-	$-	$-	$-	$302	5
94561	$5,984	$-	$-	$-	$-	$66	1
94563	$19,708	$-	$-	$1	$22	$384	3
94564	$16,926	$-	$-	$-	$-	$185	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
94565	$35,388	$-	$-	$75	$429	$391	3
94566	$21,016	$-	$-	$-	$-	$229	4
94568	$85,422	$-	$-	$1,073	$2,729	$4,827	8
94572	$65,874	$-	$-	$325	$1,722	$9,108	2
94577	$26,556	$-	$-	$-	$-	$297	4
94578	$8,398	$-	$-	$-	$-	$92	2
94579	$41,185	$-	$-	$-	$-	$451	6
94580	$23,425	$-	$-	$-	$-	$406	4
94582	$212,532	$-	$-	$-	$-	$24,854	11
94583	$43,789	$-	$-	$-	$-	$2,425	5
94585	$18,437	$-	$-	$-	$-	$207	1
94587	$77,672	$-	$-	$-	$-	$1,419	10
94588	$97,822	$-	$-	$-	$-	$1,572	8
94589	$12,532	$-	$-	$-	$-	$139	2
94590	$2,988	$-	$-	$-	$-	$32	1
94591	$40,133	$-	$-	$-	$-	$436	7
94592	$1,258	$-	$-	$-	$-	$14	0
94595	$11,147	$-	$-	$-	$-	$757	1
94596	$2,173	$-	$-	$-	$-	$83	1
94597	$55,369	$-	$-	$-	$-	$14,333	2
94598	$92,214	$-	$-	$-	$-	$1,558	5
94601	$19,279	$-	$-	$-	$-	$211	3
94602	$27,230	$-	$-	$-	$-	$332	3
94603	$3,951	$-	$-	$-	$-	$43	1
94605	$174,115	$-	$-	$315	$1,253	$51,029	3
94606	$79,806	$-	$-	$-	$-	$17,070	4
94608	$30,878	$-	$-	$562	$1,842	$3,668	2
94609	$110,005	$-	$-	$5,350	$19,740	$6,718	1
94610	$71,558	$-	$-	$-	$-	$20,864	1
94611	$32,003	$-	$-	$-	$-	$360	3
94612	$74,867	$-	$-	$2,826	$8,555	$22,891	3
94618	$132,650	$-	$-	$1,187	$3,603	$43,256	2
94619	$26,644	$-	$-	$-	$-	$288	2
94702	$73,091	$-	$-	$2,418	$6,424	$15,968	1
94703	$23,160	$-	$-	$11	$65	$1,469	3
94706	$15,193	$-	$-	$-	$-	$175	2
94707	$2,818	$-	$-	$19	$129	$72	0

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
94708	$23,220	$-	$-	$-	$-	$252	2
94709	$82,212	$-	$-	$3,459	$8,925	$24,280	1
94710	$28,671	$-	$-	$906	$2,603	$4,138	1
94711	$8,179	$-	$-	$98	$468	$94	0
94801	$19,161	$-	$-	$-	$-	$1,654	2
94803	$22,831	$-	$-	$-	$-	$263	3
94804	$92,866	$-	$-	$-	$-	$43,813	2
94805	$7,775	$-	$-	$-	$-	$84	1
94806	$116,701	$-	$-	$-	$-	$19,698	9
94807	$3,071	$-	$-	$-	$-	$33	1
94856	$1,422	$-	$-	$-	$-	$15	0
94901	$6,531	$-	$-	$-	$-	$72	1
94904	$22,154	$-	$-	$-	$-	$6,207	1
94920	$29,635	$-	$-	$-	$-	$329	1
94924	$7,278	$-	$-	$294	$980	$1,036	0
94928	$16,353	$-	$-	$-	$-	$178	1
94931	$863	$-	$-	$-	$-	$9	0
94941	$124,896	$-	$-	$-	$-	$15,773	3
94945	$4,448	$-	$-	$-	$-	$48	1
94947	$73,330	$-	$-	$-	$-	$18,052	3
94949	$1,476	$-	$-	$-	$-	$17	0
94952	$7,048	$-	$-	$-	$-	$77	2
94954	$20,381	$-	$-	$-	$-	$(107)	3
94960	$8,722	$-	$-	$-	$-	$5,026	0
94965	$1,024	$-	$-	$-	$-	$11	0
94973	$8,468	$-	$-	$-	$-	$97	0
95003	$37,952	$-	$-	$-	$-	$8,274	1
95004	$29,401	$-	$-	$-	$-	$5,610	1
95008	$59,487	$-	$-	$-	$-	$656	6
95010	$9,552	$-	$-	$-	$-	$115	1
95014	$231,036	$-	$-	$2,506	$6,843	$17,836	20
95016	$1,258	$-	$-	$-	$-	$14	0
95017	$9,105	$-	$-	$-	$-	$98	1
95019	$1,770	$-	$-	$-	$-	$19	0
95020	$5,768	$-	$-	$-	$-	$62	1
95023	$13,816	$-	$-	$-	$-	$160	2
95030	$14,970	$-	$-	$-	$-	$180	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
95031	$4,568	$-	$-	$-	$-	$49	1
95032	$32,272	$-	$-	$73	$322	$529	2
95033	$11,805	$-	$-	$-	$-	$130	2
95035	$110,443	$-	$-	$-	$-	$1,206	12
95037	$24,806	$-	$-	$-	$-	$311	3
95046	$3,602	$-	$-	$-	$-	$39	0
95050	$160,008	$-	$-	$8,273	$21,559	$32,878	5
95051	$145,836	$-	$-	$-	$-	$2,500	11
95054	$3,173	$-	$-	$-	$-	$192	1
95060	$127,777	$3,000.00	$1,800	$4,462	$7,482	$37,764	5
95061	$7,454	$-	$-	$-	$-	$81	1
95062	$6,843	$-	$-	$122	$407	$78	1
95064	$1,122	$-	$-	$-	$-	$13	0
95065	$1,973	$-	$-	$-	$-	$23	0
95066	$7,494	$-	$-	$-	$-	$81	1
95070	$242,201	$-	$-	$5,502	$14,348	$23,457	10
95073	$3,510	$-	$-	$-	$-	$38	0
95075	$249	$-	$-	$-	$-	$3	0
95076	$71,800	$-	$-	$-	$3	$792	6
95109	$2,964	$-	$-	$-	$-	$32	1
95110	$7,901	$-	$-	$-	$-	$85	1
95111	$45,037	$-	$-	$-	$-	$687	6
95112	$7,302	$-	$-	$-	$-	$82	0
95116	$14,758	$-	$-	$-	$-	$160	2
95117	$16,787	$-	$-	$-	$-	$182	2
95118	$24,118	$-	$-	$-	$-	$264	4
95119	$7,455	$-	$-	$-	$-	$92	1
95120	$84,885	$-	$-	$-	$35	$1,412	11
95121	$123,646	$-	$-	$-	$-	$12,845	11
95122	$5,282	$-	$-	$-	$-	$57	1
95123	$70,742	$-	$-	$-	$170	$774	7
95124	$101,603	$-	$-	$1,046	$2,977	$12,063	9
95125	$31,085	$-	$-	$611	$1,615	$1,427	3
95126	$1,912	$-	$-	$-	$-	$24	0
95127	$62,437	$-	$-	$-	$-	$13,112	4
95128	$79,916	$-	$-	$-	$-	$2,505	3
95129	$210,600	$-	$-	$786	$2,353	$2,496	19

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
95130	$23,404	$-	$-	$-	$-	$519	2
95131	$13,518	$-	$-	$-	$-	$148	2
95132	$63,847	$-	$-	$-	$-	$694	7
95133	$40,133	$-	$-	$-	$-	$435	4
95134	$3,421	$-	$-	$-	$-	$49	1
95135	$66,306	$-	$-	$-	$-	$790	6
95136	$12,212	$-	$-	$-	$-	$132	2
95138	$32,474	$-	$-	$-	$-	$363	6
95139	$63,646	$-	$-	$-	$-	$13,626	1
95148	$116,100	$-	$-	$755	$2,540	$4,421	11
95203	$10,460	$-	$-	$-	$-	$117	1
95204	$73,630	$-	$-	$-	$-	$27,812	2
95205	$12,381	$-	$-	$-	$-	$137	1
95206	$99,155	$-	$-	$-	$-	$13,353	6
95207	$49,864	$-	$-	$-	$-	$16,845	1
95209	$43,096	$-	$-	$-	$-	$12,315	2
95210	$83,326	$-	$-	$-	$-	$26,207	3
95212	$90,627	$-	$-	$1,556	$6,231	$1,593	5
95215	$(2,259)	$-	$-	$-	$-	$(29)	1
95219	$123,519	$-	$-	$-	$-	$24,837	5
95225	$3,151	$-	$-	$-	$-	$34	1
95231	$2,326	$-	$-	$-	$-	$25	1
95240	$21,543	$-	$-	$-	$-	$6,363	2
95242	$39,176	$-	$-	$-	$-	$9,920	2
95247	$3,298	$-	$-	$-	$-	$36	1
95258	$2,480	$-	$-	$-	$-	$27	0
95292	$92,876	$-	$-	$-	$-	$27,631	1
95301	$119,159	$-	$-	$-	$-	$29,369	3
95303	$319	$-	$-	$-	$-	$3	0
95304	$9,945	$-	$-	$-	$-	$107	1
95307	$13,410	$-	$-	$-	$-	$145	2
95315	$7,436	$-	$-	$-	$-	$99	1
95316	$2,106	$-	$-	$-	$-	$23	0
95320	$238	$-	$-	$-	$-	$3	0
95330	$10,241	$-	$-	$-	$-	$111	1
95336	$6,641	$-	$-	$-	$-	$73	1
95337	$44,855	$-	$-	$-	$-	$13,301	2

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
95338	$222,421	$-	$-	$-	$-	$74,228	3
95340	$107,966	$-	$-	$-	$-	$34,911	5
95341	$5,130	$-	$-	$-	$-	$56	1
95348	$35,335	$-	$-	$-	$-	$29,723	1
95350	$3,771	$-	$-	$-	$-	$42	1
95351	$109,899	$-	$-	$-	$-	$23,283	1
95354	$909	$-	$-	$-	$-	$10	0
95355	$29,243	$-	$-	$-	$-	$316	4
95356	$6,217	$-	$-	$-	$-	$142	2
95357	$11,595	$-	$-	$-	$-	$127	1
95361	$4,702	$-	$-	$-	$-	$51	1
95363	$640	$-	$-	$-	$-	$8	0
95367	$190	$-	$-	$-	$-	$2	0
95370	$127,765	$-	$-	$-	$-	$33,445	2
95376	$75,987	$-	$-	$-	$-	$19,157	5
95377	$49,833	$-	$-	$-	$-	$4,647	5
95380	$858	$-	$-	$-	$-	$9	0
95382	$30,049	$-	$-	$-	$-	$329	4
95386	$506	$-	$-	$-	$-	$5	0
95388	$1,918	$-	$-	$-	$-	$21	1
95391	$28,869	$-	$-	$-	$-	$474	4
95401	$15,636	$-	$-	$-	$-	$169	3
95403	$126,055	$-	$-	$-	$-	$34,182	4
95404	$130,213	$-	$-	$4,779	$12,646	$31,919	1
95405	$11,001	$-	$-	$-	$-	$135	1
95407	$38,776	$-	$-	$-	$-	$422	2
95425	$97,024	$-	$-	$-	$-	$30,498	5
95436	$64,700	$-	$-	$-	$-	$31,167	2
95441	$7,824	$-	$-	$-	$-	$87	1
95445	$38,592	$-	$-	$-	$-	$16,140	1
95448	$100,950	$1,280.00	$660	$815	$4,564	$31,180	2
95451	$5,721	$-	$-	$-	$-	$62	1
95453	$5,205	$-	$-	$-	$-	$56	1
95460	$763	$-	$-	$-	$-	$8	0
95472	$7,037	$-	$-	$-	$-	$76	1
95476	$56,632	$-	$-	$1,264	$3,946	$22,016	3
95482	$12,084	$-	$-	$166	$535	$134	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
95488	$3,912	$-	$-	$-	$-	$2,209	0
95492	$63,285	$-	$-	$-	$-	$31,156	1
95503	$1,132	$-	$-	$-	$-	$12	0
95518	$7,057	$-	$-	$-	$-	$87	1
95519	$76,723	$-	$1,800	$1,089	$5,113	$32,452	1
95521	$32,144	$-	$-	$902	$3,322	$4,667	1
95531	$81,148	$-	$-	$-	$-	$25,755	2
95570	$34,584	$-	$-	$-	$-	$386	1
95608	$88,558	$-	$-	$23	$222	$1,028	5
95610	$20,477	$-	$-	$-	$-	$3,133	1
95616	$150,040	$-	$-	$-	$-	$16,685	10
95618	$73,381	$-	$-	$-	$-	$12,431	8
95620	$12,156	$-	$-	$-	$-	$133	1
95621	$3,000	$-	$-	$-	$-	$32	1
95624	$79,706	$-	$-	$-	$-	$1,042	9
95627	$100	$-	$-	$-	$-	$1	0
95628	$35,724	$-	$-	$102	$1,008	$408	2
95630	$64,782	$-	$-	$217	$791	$1,027	10
95631	$6,357	$-	$-	$-	$-	$76	1
95632	$29,505	$-	$-	$-	$-	$331	4
95633	$3,133	$-	$-	$-	$-	$34	1
95648	$17,113	$-	$-	$-	$-	$337	4
95650	$26,035	$-	$-	$-	$-	$2,954	2
95661	$31,595	$-	$-	$-	$-	$348	2
95662	$12,101	$-	$-	$-	$43	$136	2
95667	$5,294	$-	$-	$-	$-	$57	1
95670	$67,296	$-	$-	$374	$1,344	$5,889	7
95672	$8,338	$-	$-	$-	$-	$93	1
95673	$-	$-	$-	$-	$-	$158	1
95677	$32,785	$-	$-	$-	$-	$358	2
95678	$30,193	$-	$-	$-	$-	$7,274	3
95682	$4,829	$-	$-	$-	$-	$52	2
95684	$1,997	$-	$-	$-	$-	$23	0
95685	$1,896	$-	$-	$-	$-	$20	0
95687	$66,920	$-	$-	$-	$-	$26,199	2
95688	$6,559	$-	$-	$-	$-	$72	1
95691	$10,379	$-	$-	$-	$-	$114	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
95695	$12,058	$-	$-	$-	$-	$134	2
95702	$1,419	$-	$-	$-	$-	$15	1
95718	$5,167	$-	$-	$-	$-	$56	1
95736	$1,463	$-	$-	$-	$-	$16	0
95742	$14,447	$-	$4	$185	$452	$202	1
95746	$10,847	$-	$-	$-	$-	$275	3
95747	$88,627	$-	$-	$-	$-	$11,938	5
95750	$3,999	$-	$-	$-	$-	$43	1
95757	$118,603	$-	$-	$-	$-	$1,570	9
95758	$40,519	$-	$-	$-	$-	$448	5
95762	$111,157	$-	$-	$-	$-	$14,579	10
95763	$36,027	$-	$-	$-	$-	$19,533	0
95765	$29,128	$-	$-	$-	$-	$379	3
95768	$5,918	$-	$-	$-	$-	$65	1
95776	$88,225	$-	$-	$2,817	$8,404	$22,952	2
95811	$28,553	$-	$-	$754	$2,777	$325	1
95812	$76,298	$-	$-	$-	$-	$31,888	1
95814	$1,271	$-	$-	$-	$-	$14	0
95816	$150	$-	$-	$-	$-	$2	0
95817	$86,475	$-	$-	$-	$-	$2,636	1
95818	$7,922	$-	$-	$24	$332	$612	0
95819	$97,846	$-	$-	$239	$689	$22,232	3
95820	$30,461	$-	$-	$-	$-	$3,526	1
95822	$17,502	$-	$-	$304	$884	$204	1
95823	$85,987	$-	$-	$-	$-	$29,213	4
95825	$13,130	$-	$-	$-	$-	$1,698	1
95826	$88,496	$-	$-	$-	$-	$14,586	2
95827	$30,139	$-	$-	$-	$-	$10,144	1
95828	$78,040	$-	$-	$-	$-	$14,647	5
95829	$60,209	$-	$-	$-	$-	$659	6
95831	$168,698	$-	$-	$239	$903	$36,242	5
95833	$24,999	$-	$-	$-	$-	$7,542	2
95834	$86,826	$-	$-	$-	$-	$38,406	2
95835	$46,463	$150.00	$50	$94	$341	$559	7
95838	$3,254	$-	$-	$-	$-	$36	0
95842	$102,873	$-	$-	$-	$-	$30,097	3
95843	$138,282	$-	$-	$-	$-	$36,784	4

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
95864	$26,178	$-	$-	$-	$-	$3,093	3
95926	$22,815	$-	$-	$-	$-	$246	1
95928	$97,525	$-	$-	$5,895	$13,878	$1,056	2
95949	$24,581	$-	$-	$-	$-	$280	1
95953	$6,062	$-	$-	$-	$-	$65	1
95959	$43,909	$-	$-	$-	$237	$484	2
95961	$2,222	$-	$-	$-	$-	$462	0
95971	$6,272	$-	$-	$-	$-	$69	1
95973	$6,228	$-	$-	$-	$-	$67	1
95991	$5,267	$-	$-	$-	$-	$57	1
95993	$5,480	$-	$-	$-	$-	$61	1
96001	$23,538	$-	$-	$-	$-	$255	3
96003	$54,304	$-	$-	$-	$-	$11,159	2
96008	$62,852	$-	$-	$2,538	$6,020	$1,245	1
96022	$9,135	$-	$-	$-	$-	$99	1
96073	$65,192	$-	$-	$-	$-	$18,865	1
96080	$18,087	$-	$-	$-	$-	$375	2
96114	$63,850	$-	$-	$-	$-	$18,648	1
96127	$18,354	$-	$-	$-	$-	$7,155	0
96145	$12,220	$-	$-	$-	$-	$134	1
96150	$91,850	$-	$-	$-	$-	$35,414	1
96160	$2,959	$-	$-	$-	$-	$33	0
96161	$8,577	$-	$-	$-	$126	$97	1
96204	$5,133	$-	$-	$-	$-	$59	0
96379	$1,031	$-	$-	$-	$-	$11	0
96707	$650	$-	$-	$-	$-	$7	0
96720	$23,456	$-	$-	$1,127	$3,167	$270	0
96732	$87,189	$-	$-	$-	$-	$34,742	1
96734	$1,637	$-	$-	$-	$-	$18	0
96744	$10,463	$-	$-	$-	$518	$120	1
96753	$45,583	$-	$-	$-	$4,729	$4,093	1
96761	$57,643	$-	$-	$-	$-	$17,672	0
96766	$39,479	$-	$-	$-	$-	$35,170	1
96785	$5,967	$-	$-	$-	$-	$64	1
96789	$12,934	$-	$-	$-	$-	$1,818	0
96792	$6,200	$-	$-	$-	$57	$71	0
96797	$3,647	$-	$-	$-	$-	$39	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
96816	$10,214	$-	$-	$-	$-	$113	2
96818	$3,729	$-	$-	$-	$-	$41	1
96821	$12,538	$-	$-	$40	$324	$162	1
96822	$159,933	$3,400.00	$-	$10,285	$34,575	$12,391	1
96910	$4,385	$-	$-	$-	$-	$47	1
96913	$4,500	$-	$-	$297	$1,125	$52	0
96921	$16,164	$-	$-	$-	$-	$178	1
96932	$4,038	$-	$-	$-	$-	$44	1
97005	$887	$-	$-	$-	$-	$11	0
97006	$2,650	$-	$-	$-	$-	$462	0
97007	$100,791	$-	$-	$-	$-	$39,560	1
97008	$3,958	$-	$-	$-	$-	$733	0
97030	$6,886	$-	$-	$-	$-	$684	0
97031	$27,522	$-	$-	$-	$1,982	$333	1
97035	$29,393	$-	$-	$-	$-	$383	1
97070	$7,901	$-	$-	$195	$723	$621	0
97080	$13,656	$-	$-	$-	$-	$152	1
97086	$7,413	$-	$-	$-	$107	$85	0
97116	$8,940	$-	$-	$-	$-	$97	1
97201	$1,322	$-	$-	$12	$94	$26	0
97202	$4,679	$-	$-	$-	$-	$51	1
97203	$16,572	$-	$-	$49	$185	$212	0
97208	$7,863	$-	$-	$-	$-	$97	0
97211	$6,522	$-	$-	$-	$-	$71	1
97213	$6,063	$-	$-	$107	$438	$113	0
97214	$72,664	$-	$-	$-	$-	$15,164	1
97219	$65,443	$-	$-	$2,469	$5,401	$753	1
97221	$10,327	$-	$-	$-	$-	$112	1
97223	$50,509	$-	$-	$-	$-	$13,595	1
97229	$102,496	$-	$-	$-	$-	$28,905	2
97230	$5,374	$-	$-	$220	$535	$62	0
97239	$15,198	$-	$-	$205	$431	$1,782	0
97302	$150	$-	$-	$-	$-	$2	0
97322	$36,715	$-	$-	$-	$-	$5,545	0
97330	$5,422	$-	$-	$-	$224	$62	0
97333	$34,091	$-	$-	$-	$-	$6,503	1
97339	$16,712	$-	$-	$-	$-	$204	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
97408	$15,000	$-	$-	$266	$1,348	$221	1
97504	$1,120	$-	$-	$-	$-	$14	0
97520	$2,843	$-	$-	$-	$-	$31	1
97530	$6,592	$-	$-	$342	$1,037	$84	0
97701	$22,930	$-	$-	$-	$-	$282	0
98004	$32,589	$-	$-	$1,948	$5,448	$5,681	0
98006	$37,397	$-	$-	$-	$-	$10,743	1
98007	$3,723	$-	$-	$-	$-	$363	0
98021	$20,325	$-	$-	$-	$-	$290	1
98023	$33,063	$-	$-	$-	$-	$380	1
98026	$151,444	$-	$-	$-	$-	$45,549	1
98027	$90,224	$-	$-	$-	$2,200	$21,046	2
98029	$1,322	$-	$-	$-	$-	$26	0
98034	$3,643	$-	$-	$-	$-	$39	0
98040	$1,322	$-	$-	$-	$-	$26	0
98052	$4,162	$-	$-	$-	$-	$45	1
98053	$9,537	$-	$-	$-	$-	$103	1
98055	$2,986	$-	$-	$-	$-	$32	1
98075	$23,432	$-	$-	$-	$-	$257	2
98087	$1,928	$-	$-	$-	$-	$21	0
98102	$225,850	$-	$-	$12,364	$35,146	$51,635	1
98103	$93,083	$-	$-	$1,619	$7,361	$11,869	2
98104	$7,351	$-	$-	$-	$-	$194	1
98105	$18,715	$-	$-	$330	$1,250	$791	0
98107	$22,386	$-	$-	$-	$-	$270	0
98108	$22,444	$-	$-	$-	$-	$258	0
98109	$56,181	$-	$-	$-	$-	$22,874	1
98110	$10,490	$-	$-	$-	$-	$113	0
98115	$126,949	$-	$-	$-	$-	$40,129	1
98117	$29,468	$-	$-	$139	$533	$(349)	1
98118	$21,978	$-	$-	$-	$-	$253	1
98121	$7,222	$-	$-	$-	$-	$83	0
98124	$42,021	$-	$-	$-	$-	$507	1
98125	$1,169	$-	$-	$-	$-	$13	0
98133	$13,322	$-	$-	$-	$-	$6,083	0
98136	$10,938	$-	$-	$-	$-	$135	0
98144	$42,806	$-	$-	$1,370	$4,884	$492	1

Zip code	Gross Pay	Add Fed Tax	Add St Tax	St Tax	Fed Tax	Emp Pd Ben	NAHC
98146	$25,022	$-	$-	$-	$-	$7,622	0
98178	$5,600	$-	$-	$-	$-	$69	0
98225	$5,624	$8.00	$-	$249	$501	$111	0
98226	$41,650	$-	$-	$1,759	$4,837	$3,606	1
98253	$17,813	$-	$-	$-	$-	$205	0
98258	$5,898	$-	$-	$-	$-	$68	0
98264	$2,384	$-	$-	$-	$-	$35	0
98273	$14,765	$-	$-	$-	$-	$4,582	0
98280	$69,957	$-	$-	$-	$-	$34,258	1
98292	$65,104	$-	$-	$-	$9,428	$1,289	1
98332	$4,273	$-	$-	$74	$407	$56	0
98333	$5,414	$-	$-	$-	$-	$58	1
98335	$3,894	$-	$-	$-	$-	$42	1
98338	$81,163	$-	$-	$-	$-	$21,128	1
98363	$47,515	$-	$-	$-	$-	$16,436	1
98368	$77,919	$-	$-	$-	$-	$32,688	1
98370	$7,478	$-	$-	$-	$-	$92	0
98383	$1,362	$-	$-	$-	$-	$15	0
98387	$31,464	$-	$-	$-	$-	$369	0
98407	$2,838	$-	$-	$-	$-	$33	0
98444	$62,694	$-	$-	$-	$-	$761	1
98579	$50	$-	$-	$-	$-	$1	0
98626	$5,771	$-	$-	$-	$-	$589	0
98650	$5,746	$-	$-	$-	$-	$71	0
98685	$8,036	$-	$-	$(288)	$587	$103	0
99163	$105,265	$-	$-	$1,332	$4,608	$1,794	2
99166	$65,980	$-	$-	$-	$-	$21,362	1
99201	$58,611	$8,000.00	$-	$-	$-	$10,041	0
99203	$61,011	$-	$-	$-	$-	$1,208	1
99301	$7,487	$-	$-	$-	$-	$888	0
99328	$2,714	$-	$-	$-	$-	$(979)	0
99352	$5,735	$-	$-	$-	$-	$63	1
99507	$180	$-	$-	$-	$-	$2	0
99556	$122,429	$-	$-	$-	$-	$30,964	1
99603	$23,607	$-	$-	$-	$-	$14,461	1
99708	$5,359	$-	$-	$-	$-	$62	0

Appendix D: FAQs Regarding Economic Impact Assessment

What is economic impact?

Economic impact begins when an organization spends money. Economic impact studies measure the direct economic impact of an organization's spending, plus additional indirect spending in the economy as a result of direct spending. Economic impact has nothing to do with dollars collected by institutions, their profitability, or even their sustainability, since all operating organizations have a positive economic impact when they spend money and attract spending from outside sources.

Direct economic impact measures the dollars that are generated within a geographic region due to the presence of an institution. This includes not only spending on goods and services with a variety of vendors within the region, and the spending of its employees and visitors, but also the economic impact generated by businesses within the region that benefit from the spending of the institution. It is important to remember that not all dollars spent by an institution stay in a geographic region of study. Dollars that "leak" out of the region in the form of purchases from out-of-area vendors are not included in the economic impact that an institution has on the region.

The total economic impact includes the multiplier of spending from companies that do business with an institution. Support businesses may include lodging establishments, restaurants, construction firms, vendors, and temporary agencies. Spending multipliers attempt to estimate the ripple effect in the economy where the spending occurs. For example, spending by an institution with local vendors provides these vendors with additional dollars that they respend in the local economy, causing a multiplier effect.

What is the multiplier effect?

Multipliers are a numeric way of describing the secondary impacts stemming from the operations of an organization. For example, an employment multiplier of 1.8 would suggest that for every ten employees hired in the given industry, eight additional jobs would be created in other industries, such that eighteen total jobs would be added to the given economic region. The multipliers used in this study range from 1.8 to 2.0.

The Multiplier Model is derived mathematically using the input-output model and Social Accounting formats. The Social Accounting System provides the framework for the predictive Multiplier Model used in economic impact studies. Purchases for final use drive the model. Industries that produce goods and services for consumer consumption must purchase products, raw materials, and services from other companies to create their product. These vendors must also procure goods and services. This cycle continues until all the money is leaked from the region's economy. Three types of effects are measured with a multiplier: the direct, the indirect, and the induced effects. The direct effect is the known or predicted change in the local economy that is to be studied. The indirect effect is the business-to-business transactions required to satisfy the direct effect. Finally, the induced effect is derived from local spending on goods and services by people working to satisfy the direct and indirect effects.

- Direct effects take place only in the industry immediately being studied.
- Indirect effects concern interindustry transactions; because an institution is in business, it has a demand for locally produced materials needed to operate.
- Induced effects measure the effects of the changes in household income; employees of an institution and suppliers purchase from local retailers and restaurants.
- Total Economic Impacts are the total changes to the original economy as the result of the operations of an institution (i.e., Direct effects + Indirect effects + Induced effects = Total Economic Impacts).

What methodology was used in this study?

IMPLAN (IMpact analysis for PLANning) data and software. Using classic input-output analysis in combination with regional specific Social Accounting Matrices and Multiplier Models, IMPLAN provides a highly accurate and adaptable model for its users. The IMPLAN database contains county, state, ZIP code, and federal economic statistics that are specialized by region, not estimated from national averages, and can be used to measure the effect on a regional or local economy of a given change or event in the economy's activity.

What is employment impact?

Employment impact measures the direct employment (employees, staff, faculty, administration) plus additional employment created in the economy as a result of the operations of an institution.

Indirect and Induced employment impact refers to other employees throughout the region who exist because of an institution's economic impact. In other words, jobs related to the population—city services (police, fire, EMS, etc.), employees at local hotels and restaurants, clerks at local retail establishments, and residents employed by vendors used by the institution.

What is the difference between direct and indirect taxes?

Direct tax dollars include sales taxes and net corporate income taxes paid directly by the institution to the state, while indirect taxes include taxes paid to the state by vendors that do business with an institution and individuals.

Is this a one-time impact or does the impact repeat each year?

The results presented in this economic impact study are generated on an annual basis. The economic impact in future years can be either higher or lower based on number of employees, students, capital expansion, increases in external research, and state appropriations.

What are Tripp Umbach's qualifications to perform economic impact analysis?

Tripp Umbach is the national leader in providing economic impact analysis to leading health care organizations, universities, and academic medical centers. Since 1990, Tripp Umbach has completed more than 300 economic impact studies for such clients as Boston University, Indiana University, Michigan State University, Pennsylvania State University, Ohio State University, University of Connecticut, University at Buffalo, University of Arizona, University of Michigan, University of Minnesota, University of Pittsburgh, University of Vermont, University of Virginia, University of Washington, and University of Alabama at Birmingham. Additionally, Tripp Umbach has conducted many studies for other University of California schools and medical centers such as UC Riverside, UC Santa Cruz, UC Davis, UC Merced, and UC Irvine.

Tripp Umbach