$4.2 billion in economic impact annually

$184 million in tax revenue to state and local government

$1.7 billion in research impact

37,822 jobs in Pennsylvania

9,000 graduates annually

$73.1 million in charitable impact

ECONOMIC IMPACT STORIES 2018
The University of Pittsburgh is a pillar of the Pennsylvania economy.

From our main campus in the city of Pittsburgh to our five regional campuses and resource centers in Bradford, Greensburg, Johnstown, Titusville, and Mechanicsburg, Pitt’s global excellence has a statewide impact.

Pitt’s $4.2 billion dollar economic impact is felt in the 37,822 Pennsylvania jobs we support, in the $1.7 billion in research activity, in the $114.3 billion of additional income our Pennsylvania alumni earn over their careers, and in the $73.1 million of charitable donations and volunteering our faculty, staff, and students contribute to Pennsylvania communities each year.

See the full report at www.economicimpact.pitt.edu

WHAT IS ECONOMIC IMPACT?

Economic impact begins when an organization spends money. This creates ripple effects in the economy through the spending of local businesses in the supply chain and the household spending of people earning income from those businesses.

Pitt’s total economic impact includes direct, indirect, and induced expenditures.

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<th>DIRECT IMPACT</th>
<th>INDIRECT IMPACT</th>
<th>INDUCED IMPACT</th>
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<tr>
<td>What Pitt spends on goods, services, and employees</td>
<td>What local businesses spend as a result of Pitt’s expenditures</td>
<td>What people spend as a result of what they earn through Pitt’s direct and indirect spending</td>
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Pitt powers economic activity in Pennsylvania. The University, our faculty, staff, students, and visitors spend a combined $1.7 billion on businesses in Pennsylvania. These businesses and the people they employ go on to spend a further $2.5 billion within the Commonwealth, expanding Pitt’s economic impact beyond the realms of education and research into the everyday lives of millions of Pennsylvanians.

SPURRING NEW DEVELOPMENT PROJECTS IN THE CITY OF PITTSBURGH

Pitt is transforming a century-old building into a hub for research, innovation, and entrepreneurship through a partnership with UPMC. The space will house the UPMC Immune Transplant and Therapy Center, a bold effort to discover breakthroughs in immunotherapy, cancer treatment, and organ transplantation. It will feature world-class space for labs, offices, startup companies, and industry partners.

ENTREPRENEURIAL EXCELLENCE, NEIGHBORHOOD BY NEIGHBORHOOD

Pitt’s Community Power to Prosper Program is a six-month business education program that helps small business owners in under-served neighborhoods develop plans for their long-term growth and success.

The results speak for themselves: 49 African-American business owners and 48 women business owners have graduated from the program to date, propelling 72 small businesses to the next level.

As a purchaser, employer, and economic driver, Pitt strengthens the local and state tax base.
WE ARE AN INNOVATION ENGINE

Pitt translates research into economic and social impact. In the 2018 fiscal year, Pitt converted $808 million in research activity into $1.7 billion in impact. Generating support for 8,683 jobs, researchers focus on areas ranging from literary criticism to the quest for quantum computers.

$1.7 billion in research impact

8,683 jobs supported by research

FROM LAB TO MARKET

Research discoveries don’t become life-changing innovations all by themselves. In fiscal year 2018, Pitt’s Innovation Institute helped researchers disclose 363 inventions, file 98 patents, and found 23 startups.

And through a $1 million investment, Pitt has supported 42 commercialization projects since 2017. One of these projects, LyGenesis, leveraged Pitt’s investment to secure $3 million in seed capital for its revolutionary liver transplant therapy.

POWERING THE FUTURE OF POWER

As an anchor tenant of the Energy Innovation Center in Pittsburgh’s Hill District neighborhood, Pitt’s Energy GRID Institute is making immediate impacts in the local economy through $5 million of in-kind support. GRID has become an international solution center for modernizing the electric power industry through public and private partnerships.

Pitt’s multidisciplinary approach to research has the power to solve society’s most pressing challenges and energize a new era of economic opportunity.
WE ARE CAREER BUILDERS

Pitt is one of the largest employers in the state of Pennsylvania. From direct employment of on-campus faculty and staff, to vendors, contractors, and laborers across the University supply chain, Pitt accounts for 1 out of every 161 jobs in the Commonwealth.

FUELING PROFESSIONAL GROWTH

“The University of Pittsburgh has afforded me the opportunity to engage and challenge myself to make a difference within the University system and the community. These opportunities to develop my hard and soft skill sets through education and professional development has guided me throughout my career. Starting as a custodian 26 years ago and working my way up to the Director of Facility Services reflects that the University creates pathways to success.”
—Will Mitchell, Director of Facilities Services, University of Pittsburgh

RETOOLING FOR WORKFORCE READINESS

On top of the thousands of jobs Pitt supports, the University is transforming the Titusville campus to meet the community’s evolving workforce needs. In partnership with state, county, and educational partners, Pitt is creating the Education & Training Campus Hub, a vibrant, multi-institution workforce development center that will serve the Titusville campus’s six-county region.

CONNECTING COMMUNITIES WITH TECHNICAL SKILLS

Jobs in the manufacturing industry are trending high-tech, high-precision, and high-skill. Pitt’s Swanson School of Engineering is creating on-ramps for the future manufacturing workforce through the Manufacturing Assistance Center (MAC) in Pittsburgh’s Homewood neighborhood. The MAC offers training in advanced manufacturing and connects local job-seekers with manufacturers who need qualified workers. The MAC’s job placement rate exceeds 95% over its 25-year history.

Pitt’s impact on employment extends beyond academia, creating jobs in real estate, passenger transport, personal care, dining, lodging, retail, and, of course, hospitals.
The University of Pittsburgh plays an essential role in the Pennsylvania economy.

**ECONOMIC DRIVER**

- $1.7 billion in direct spending
- $2.5 billion in indirect & induced spending
- $4.2 billion in economic impact

**INNOVATION ENGINE**

- 23 startups
- 98 patents
- 363 inventions
- $1.7 billion in research impact

**CAREER BUILDER**

- 37,822 jobs in PA
- 18,416 people directly employed
- 19,406 people indirectly employed
- $2.5 billion indirect & induced spending
- $1.7 billion in direct spending
- $4.2 billion in economic impact
- 37,822 jobs in PA

**TALENT CULTIVATOR**

- 181,000 alumni in Pennsylvania
- $114.3 billion additional income over their careers
- $97.2 million in lifetime earnings
- 181,000 alumni in Pennsylvania

**COMMUNITY CONNECTOR**

- TITUSVILLE: 229 jobs, $20 million impact
- BRADFORD: 788 jobs, $75.1 million impact
- PITTSBURGH: 34,664 jobs, $3.9 billion impact
- GREENSBURG: 810 jobs, $76.9 million impact
- JOHNSTOWN: 1,518 jobs, $138.9 million impact
- MECHANICSBURG: 247 jobs, $36.4 million impact
- CHILD WELFARE RESOURCE CENTER: 247 jobs, $36.4 million impact

**INVESTMENT**

- $1.7 billion in research impact
- $1.7 billion in research impact
- $1.7 billion in research impact
- $1.7 billion in research impact
WE ARE TALENT CULTIVATORS

Pitt educates Pennsylvania’s 21st-century workforce. As professionals, consumers, and citizens, Pitt graduates are critically important to Pennsylvania’s economic vitality. Of the 9,000 students graduating from Pitt each year, about 56% will stay in Pennsylvania. Over the span of their career, each of these graduates will earn about $844,000 more than high school graduates as a result of the education they received at Pitt.

A COLLEGE EDUCATION WITHIN REACH

Andrew Knight wanted to attend the University of Pittsburgh since he was 8 years old. “At first it was for a sport,” he said, “but as I grew older I have seen how amazing Pitt is as an academic powerhouse, and I couldn’t pass up on this opportunity.”

Now through the Pittsburgh Public Scholars program that offers valedictorians and salutatorians of Pittsburgh Public Schools guaranteed admission to Pitt and financial support for four years, Andrew has become the first member of his family to attend college.

With a bachelor’s degree from Pitt, Andrew can expect to earn a salary more than $21,000 greater than that of a high school graduate. And if he goes on to obtain a graduate degree at Pitt, his earning expectations will increase by another $13,500.

The inaugural class of ten Pittsburgh Public Scholars—including four first-generation college students—enrolled in 2018.

NURSING ECONOMIC OPPORTUNITY

The Bachelor’s of Science in Nursing (BSN) degree is quickly becoming the national standard for health care providers. Like many regions, southwestern PA is facing a shortage of nurses who have earned the degree. With support from a local foundation, Pitt Greensburg launched the first on-site nursing degree program in Westmoreland County in 2017. By 2020, the program will be graduating 75 nurses per year.

A MORE DIGITALLY LITERATE RURAL WORKFORCE

Through the CODE for Commonwealth and Country initiative, Pitt Johnstown is making a commitment to STEM programming and working in collaboration with local schools, parents, and community partners to teach students in grades 2–12 the basics of coding.

Pitt is committed to welcoming a diverse student body and preparing them to succeed across a broad spectrum of professions and industries.
WE ARE COMMUNITY CONNECTORS

Strengthening communities is one of Pitt’s strategic priorities and a commitment that is shared across the University. In addition to the University’s annual economic impact of $4.2 billion, Pitt employees and students contribute more than $73.1 million each year in donations and volunteer time.

MAKING NEIGHBORHOOD COMMITMENTS

Pitt has made long-term neighborhood commitments to building stronger communities and a stronger University. In fall 2018, Pitt opened the first Community Engagement Center (CEC) in Homewood, creating a new “front door” to Pitt in the heart of the neighborhood. A fully renovated and modernized facility, the CEC is a vibrant and welcoming place for Pitt faculty and students to collaborate with community leaders, and for neighborhood residents to access resources for health and wellness, job training, and family support services.

$73.1 million in total charitable impact

CARING FOR CHILDREN ACROSS THE COMMONWEALTH

The Pennsylvania Child Welfare Resource Center in Mechanicsburg is a collaborative effort of the University of Pittsburgh School of Social Work and the Pennsylvania Department of Human Services. In partnership with families, communities, and public and private agencies, the center prepares and supports exceptional child-welfare professionals and systems through education, research, and a commitment to best practice. In addition to its social impact, the center supports 247 jobs and contributes $36.4 million in total economic impact.

FRONTIER MEDICINE

The Center for Rural Health Practice at Pitt Bradford identifies rural health issues and uses the vast resources of the University of Pittsburgh to ensure rural health systems are prepared to meet those needs. In addition to providing rural populations with greater access to the UPMC Health System, the lessons learned at the center influence the development of rural health policy.

Pitt’s economic impact and societal impact come together through our deep investments in community engagement, health, and well-being, from the urban neighborhoods of Pittsburgh to the rural communities of Pennsylvania.
The University of Pittsburgh’s impact on the Pennsylvania economy is dynamic.

As an **economic driver**, Pitt multiplies the volume of business activity in the commonwealth.

As an **innovation engine**, Pitt converts millions in research investment into billions in commercial activity.

As a **career builder**, Pitt employs or supports tens of thousands of people working at every level of the economy.

As a **talent cultivator**, Pitt educates the future workforce and increases their earning potential.

As a **community connector**, Pitt devotes resources to areas of need and invests in social progress.

Pitt’s economic impact isn’t a by-product. It’s an essential part of the University’s role, from the local and regional level to the statehouse and the global stage.

Economic impact is one of the ways Pitt is making a difference in the lives of individuals, communities, and the world.

Read the full report at [www.economicimpact.pitt.edu](http://www.economicimpact.pitt.edu)
What is the role of the University of Pittsburgh in today’s economy?

Economic Driver
Innovation Engine
Career Builder
Talent Cultivator
Community Connector

See more at www.economicimpact.pitt.edu

ACKNOWLEDGMENTS

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Additional narrative content was provided by the University of Pittsburgh Office of Economic Partnerships. Some content previously appeared in Pittwire, the University of Pittsburgh’s official news source.

METHODOLOGY

This economic impact analysis measures the effect of direct and indirect/induced business volume and government revenue impacts for all of the University of Pittsburgh’s operations throughout Pennsylvania. The methodology employed in the calculation of these impacts is IMPLAN. Primary data utilized to conduct the analysis were collected from the University of Pittsburgh. Data included capital expenditures, operational expenditures, jobs, payroll and benefits, and taxes. The approach taken on this study was decidedly conservative.

See the full report at www.economicimpact.pitt.edu