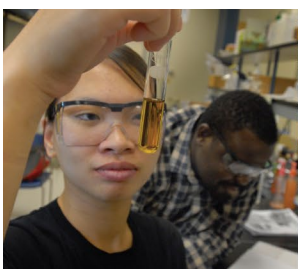


HuntsvilleMetro

COMMUNITY OVERVIEW





WALL STREET JOURNAL

"Future of Tech is in Three Cities, including Huntsville"



Huntsville named #1 on list of Top 10 Best Cities for STEM Workers in America



Huntsville ranks No. 7 Best Place to Live in the U.S.

trulia

Huntsville tops "Best Places to Live" list for America's New Tech Hubs

Before there was a trip to the moon, there was a small town ...

Nestled between the rolling hills of the Appalachian Mountains and the Tennessee River, Huntsville, Alabama became the gateway to the stars.

In the 1950s, this country dreamed to do the impossible ... safely land a man on the moon. Leaders turned to Huntsville to make that dream a reality. Driven by the vision and passion of Dr. Wernher von Braun, the Saturn V rocket was developed in Huntsville to take us where we had never been before. The incredible achievements of those who dared to dream changed the world's idea of what is **possible** in science, engineering and human innovation – right here in Huntsville.

Today, the Huntsville community continues to stay right on the cusp of even more change. Companies are pioneering DNA research and clinical genomics; electric vehicle and autonomous systems development; modeling, simulation, and virtual reality; and making the journey to Mars possible. Huntsville is a hub for the next generation of innovation – not only in technology, but also in how people live, work, learn, and impact the world around them. The future isn't going to change Huntsville – Huntsville is going to change the future! We have already laid the foundation to support growth, and we welcome the opportunity to show the world what is **possible**.



HUNTSVILLE

Metro Population: 455,448 | Regional Population: 1,172,000
Regional Labor Force: 544,000

From small businesses to Fortune 500 companies, Huntsville prides itself on having a diverse and expansive economy. Major industries that make up our economy include Advanced Manufacturing, Aerospace, Biotechnology, Defense, and Information Technology. Some of the major drivers of our community include Redstone Arsenal, Cummings Research Park, and Downtown Huntsville. Our strong economy is one of the reasons why companies like Facebook, Blue Origin, Mazda-Toyota and more have planted their roots in Huntsville. We strongly believe that a company's success is Huntsville's success. That's why this community is constantly working to make this the best business environment in the country.



Redstone Arsenal

bit.ly/TeamRedstone

Located in the heart of the community, Redstone Arsenal is a 38,000-acre, federal installation that is home to more than 70 organizations including the U.S. Army, NASA, and the FBI which is growing their presence significantly. Redstone employs more than 40,000 people. The highly educated, civilian labor force at Redstone works in areas that include materiel management, space operations & missile defense, research & development, and intelligence & homeland defense. The total budgets managed at Redstone exceeds \$50 billion. With more than \$7 billion spent in the community, Madison County is ranked #7 in the country for military spending.



Cummings Research Park

cummingsresearchpark.com

Established in 1962, Cummings Research Park (CRP) is the second largest research park in the U.S. and the fourth largest research park in the world. It is home to 300 companies, that include a mixture of Fortune 500 companies, local and international high-tech enterprises, U.S. space and defense agencies, thriving business incubators, and higher education institutions employing more than 26,000 people. Through a recent master plan process, CRP is now seeing significant change for the future by offering additional amenities to employees in the park. These amenities include exclusive events, restaurants, child-care, biking and walking trails, and more.

CRP Master Plan rendering of a future mixed-use node in Cummings Research Park





Downtown Huntsville

downtownhuntsville.org

Downtown Huntsville has become a bustling center to live, work, and play and continues to grow with multiple new announcements and construction under way. From the \$100 million *City Centre* featuring the new 120-room AC Hotel to the \$44 million expansion of the Von Braun Center’s exhibition and music hall, new growth is driving more residents to seek downtown Huntsville as a primary location to live. New-planned and recently-constructed apartment and condo developments are adding space for more than 2,000 new residents. New office projects, including Redstone Federal Credit Union’s 67,000-square-foot office tower currently under construction and the planned \$110 million new federal courthouse, are drawing more potential employees and a need for more shops and restaurants.



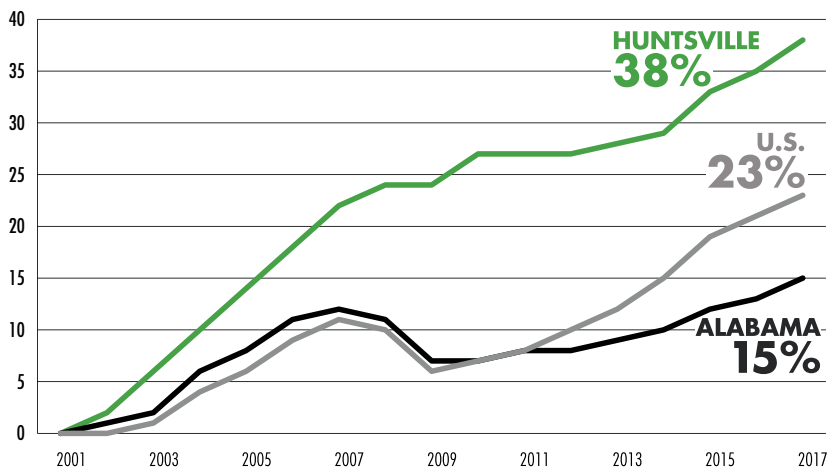
Port of Huntsville

flyhuntsville.com

Huntsville International Airport (HSV) is the largest commercial airport in North Alabama, serving more than 1.2 million passengers annually with nine non-stop destinations. The International Intermodal Center, located in the Port of Huntsville Global Logistics Park, provides a single hub location specializing in receiving, transferring, storing, and distributing international and domestic cargo via air, rail, and highway. The speed and service provided here put the Port of Huntsville at the #19 top-ranked airport for international cargo. Many key companies are located in the Jetplex Industrial Park including Boeing, Remington, and Navistar – making the Port of Huntsville one of the city’s key employment drivers.

ECONOMIC GROWTH INDEX

COMBINED EMPLOYMENT, GDP AND WAGES



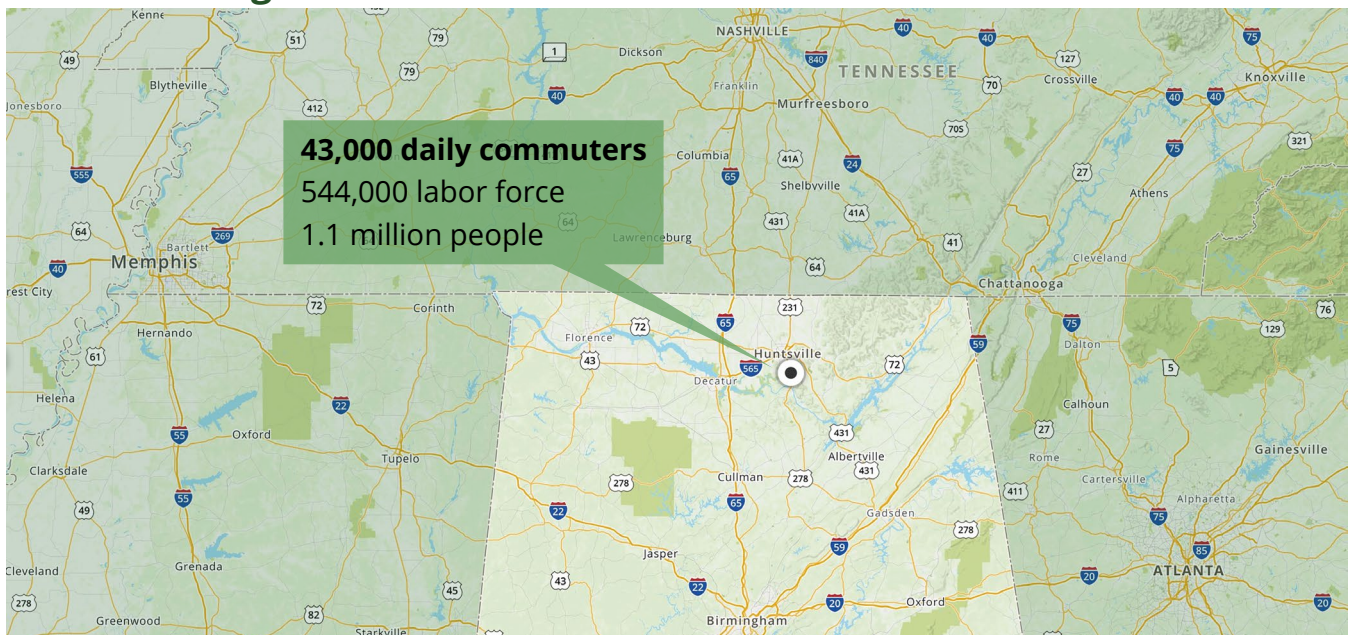
New Industrial Growth

The Huntsville community has had a host of recent job announcements from major employers in the manufacturing and technology industries, adding to the diversification of the local economy. In January 2018, Mazda and Toyota corporations announced a new joint venture to build a \$1.6 billion automotive plant in Huntsville that will employ 4,000 new workers. The plant is currently under construction and is expected to be operational by 2021. This unique development joins other new companies such as Polaris, Remington, and GE Aviation who have each moved to Huntsville to create signature new investments creating thousands of new jobs. Facebook’s new \$750 million data center in North Huntsville shows the company’s commitment to investing and growing in the community, while new rocket engine plants from Aerojet Rocketdyne and Blue Origin help to solidify Huntsville’s claim as the nation’s Rocket City.



Huntsville companies are able to recruit local employees from our 13-county workforce region. This region consists of 10 counties in Alabama and three counties in southern Tennessee. The regional population is more than 1.1 million people, and the labor force consists of 544,000. With low commute times, there are around 43,000 daily commuters coming into the Huntsville Metro on a daily basis. Huntsville attracts some of the most educated individuals from around the world to support its high-tech economy. Nearly 40 percent of area employees have a college degree, and 11 percent of the workforce has a graduate degree or Ph.D. The Huntsville metro has the highest concentration of engineers in the country, and the second highest concentration of STEM workers.

Huntsville Regional Workforce



Huntsville Metro Area

Population

2018: 455,448
2023: 485,951
(6% projected growth)

Average Household Income (ACS)

2018: \$80,893

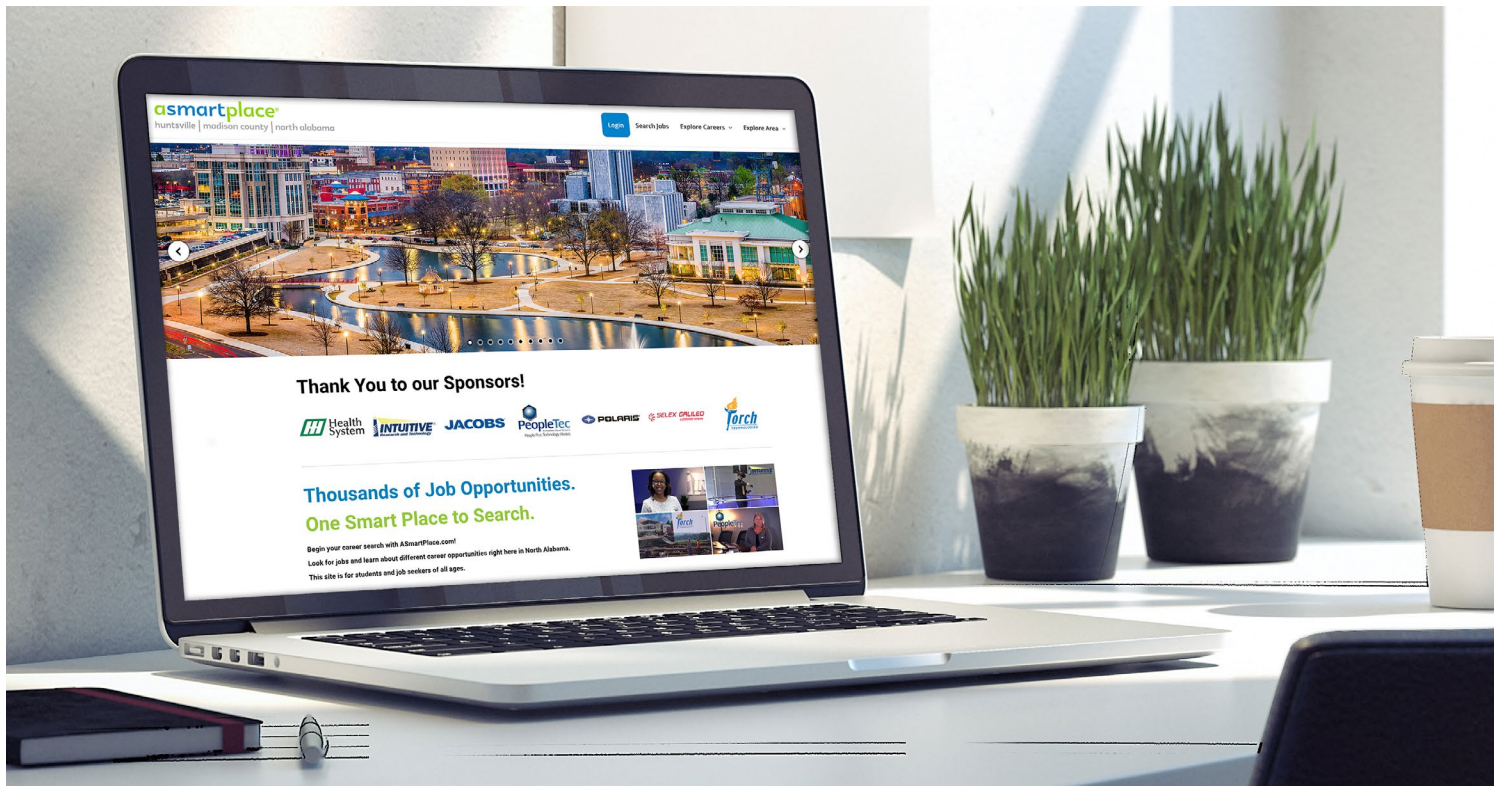
Educational Attainment (ACS)

2018: 89% graduated high school
2018: 66% attended college



asmartplace[®].com

asmartplace is a workforce development and recruitment initiative by the Huntsville/Madison County Chamber focused on connecting students with smart careers and attracting smart people from around the world to be a part of our dynamic and growing workforce. Job seekers and students are able to navigate careers by creating a career profile that outlines their skills and interests. Other features on asmartplace include skill certifications and courses, online training, resume building, and hundreds of videos showing different careers. **asmartplace.com** is available on desktop and mobile platforms.



create an account | search for jobs | learn about careers

Huntsville has a sophisticated network of public higher education systems designed to create a workforce for the 21st century marketplace. With six public universities and community colleges with a total enrollment of 30,000 students, Huntsville attracts students from around the world with the opportunity to work on cutting-edge innovation alongside many of the country's leading corporations. Here are *a few highlights* of what some of our schools have to offer.

[POST-SECONDARY]

The University of Alabama in Huntsville (UAH) is one of the nation's premier research universities offering hands-on curriculum to students. According to the National Science Foundation, UAH ranks in the top 20 in research expenditures in areas of Aeronautical and Astronautical Engineering, Atmospheric Science, Computer and Information, and Economics. UAH offers nearly 90 degrees with relevant programs in the colleges of Engineering, Science, and Business, including 15 PhD programs. UAH has the highest return on investment for students in the state, and its enrollment numbers are growing while boasting an average freshman ACT score of 28.5.



www.uah.edu

Alabama A&M University (AAMU) is a Historically Black College & University (HCBU) that ranks in the top 30 HCBUs in the nation. AAMU offers 41 bachelor's degrees, 23 master's degrees, and four doctoral degrees in its colleges of Agriculture, Life and Natural Sciences; Business and Public Affairs; Education, Humanities and Behavioral Sciences; Engineering, Technology and Physical Sciences; and Graduate Studies. The student population comes from 44 states and 11 foreign countries.



www.aamu.edu

Oakwood University, which began as an industrial school, was founded by the Seventh-day Adventist Church in 1896. Today, Oakwood University offers 58 different majors, four graduate programs, and five certificate programs that are divided across five different schools. These schools include Arts and Sciences, Business, Education and Social Sciences, Nursing, and Religion.



www2.oakwood.edu

Calhoun Community College, the largest of the two-year institutions comprising the Alabama Community College System, is an open-admission, community-based, state-supported, comprehensive community college dedicated to providing affordable, high-quality and accessible education to individuals in its four-county service area. Offering 49 associate degree options and 52 career/certificate programs, Calhoun serves approximately 10,000 students at its 110-acre Decatur campus, its Huntsville/Cummings Research Park site, the Alabama Center for the Arts, and the Limestone Correctional Facility. Calhoun partners closely with various industries on programs in advanced manufacturing, computer science, nursing, and more.



www.calhoun.edu

J.F. Drake Community and Technical College (Drake State) is a two-year comprehensive community and technical college training students for current and future employment in career technical programs or university transfer. Most of the programs offer options for an associates in applied science degree or a certificate program allowing for immediate entry into the workforce. Drake State offers 19 programs through four divisions that include Business, Computer Science and Engineering Technology; General and Developmental Education; Health Sciences Technologies; and Applied Services Technologies.



www.drakestate.edu





[K-12]

The State of Alabama and the Huntsville area are committed to providing education and opportunities in the regional school systems. The Huntsville metro area has five public school systems that support more than 67,000 students. In fact, 91 percent of students in our area attend public school because of the opportunities these systems offer. The school systems support companies through industry focused programs in cyber, engineering, advanced manufacturing and life sciences. In addition to the industry programs, schools also offer Advanced Placement programs to meet the needs and interests of students. The area also has 30 private schools and multiple extracurricular camps & programs offering unique opportunities for students.



Project Lead the Way (PLTW)

PLTW is a Science, Technology, Engineering, and Math (STEM) initiative that is being implemented in every school throughout Huntsville City and Madison City Schools. PLTW is the nation's leading STEM program. PLTW's world-class activity, project, and problem-based curriculum and high-quality teacher professional development model, combined with an engaged network of educators and corporate partners, help students develop the skills needed to succeed in our global economy.



DreamUp

The DreamUp project is a collaboration with DreamUp PBC, NanoRacks, LLC, and the Huntsville/Madison County Chamber where students design projects that are included in a payload of a Blue Origin New Shepard rocket. Student projects cover all types areas in STEM such as heat transfer, weight reduction, life science, and more. After months of working on their projects, the ultimate reward comes when the students watch their project launch into space as a payload on a Blue Origin rocket!



Greenpower USA

With Greenpower, student teams design and build single-seat electric cars that race in local and international competitions. The cars are built from kits, allowing students to design their own body and engineer car parts through 3D printing based on their own designs. Greenpower introduces the students to design, manufacturing processes and project management as they learn concepts of drafting, 3D modeling, advanced manufacturing and fabrication, leading to the "on-track" aspects of testing and evaluation.



State Academy for Cyber and Engineering

The Alabama School of Cyber Technology and Engineering (ASCTE) will provide academically motivated and gifted 7th through 12th grade students from across the State of Alabama with educational opportunities and experiences in the rapidly growing fields of cyber technology and engineering beginning in August of 2020.



One of the best things about Huntsville is that it is a progressive community on the rise. It is a creative-class city doing all the right things, which is why many desire to be a part of Huntsville's Southern renewal experience. With an urban pulse and relaxed lifestyle, life just seems better and more enjoyable for all residents.

Daily Living

Huntsville's uncongested roadways mean spending less time getting home and more time enjoying life. Compared to the average commute in the United States, Huntsville residents save 35 hours or 4.5 work days a year. From Whole Foods to Apple, Uber to Google Fiber, whatever you can find in a bigger city you can almost certainly find it in Huntsville. The key, to living in Huntsville is the friendships made over a craft beer, a night on the town, or an entrepreneurial brainstorming session with the rocket scientist next door. And for those occasional urges to fight the traffic, Nashville and Atlanta are only a short drive away.

Cost of Living

Huntsville's cost of living is below the U.S. average and is one of the more attractive features for individuals moving from high-cost markets including Washington, D.C., and California. Home prices are 25 percent lower than the U.S. and overall costs are about 7 to 10 percent lower. Being a competitive tech community with a lower cost of living creates a competitive advantage for companies in a global marketplace.



Recreation

Big city attractions with a small town feel – many communities say it, but Huntsville lives it. From Broadway shows to concert tours, Huntsville is on the primary circuit. Some of the country's best outdoor getaways are only minutes from the city center. With the Nation's largest private center for the arts at Lowe Mill, artists, musicians and creative thinkers collaborate to bring cutting-edge entertainment to life. For outdoor enthusiasts, the



Appalachian Mountains and the Tennessee River provide room to roam with boating, hiking, camping, fishing, and hunting. These enthusiasts can take advantage of the 30+ miles of hiking and biking trails, 5,000 acres of nature preserves, 60 parks and greenways, or the Monte Sano State Park. Huntsville is home to the National Speleological Society (that's caving, for short), and quick day trips in the region include Olympic-class white water rafting and rock climbing. If sports are your thing, learn why Huntsville is called the "Hockey Capital of the South" by attending a Huntsville Havoc or UAH hockey game, or you can always check out America's favorite pastime by watching the Rocket City Trash Pandas minor league baseball team in their brand new stadium in Madison opening in 2020. Nashville's Music Row, NFL Titans, and NHL Predators are only 90 minutes away, making Huntsville one happening place to be.

Sustainability

Huntsville has been recognized as a Platinum Level Sustainable Community by the Tennessee Valley Authority, which is the highest honor that a community can receive. This means that the City has met the following requirements:

- Establish a Sustainability Team
- Develop (or have in place) a Community Outreach Program related to Sustainability
- Develop (or have in place) a Greenspace Plan
- Address Sustainability in a Community Land Use Plan
- Complete a Natural Resources Inventory
- Provide recycling options for residents

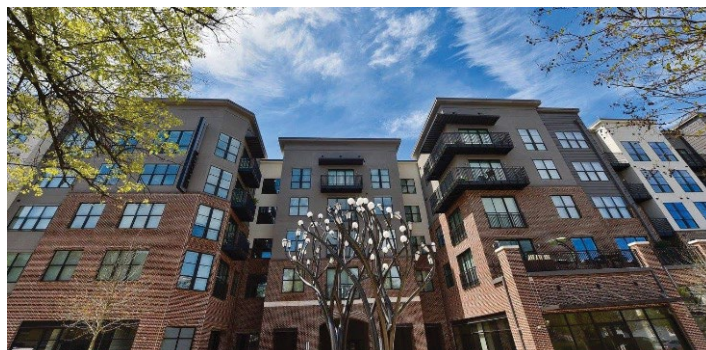


Housing

Huntsville has a variety of living options for residents at all stages of life. From historic neighborhoods and downtown living to urban lofts and mini-farms, housing is both affordable and available. New home and apartment construction permits have risen an average of six percent over the past five years. Area home prices are far below the national average with average home costs 15 percent lower in the Huntsville market than the U.S. as a whole.

Diversity of Housing

Huntsville has a thriving movement of residential redevelopment and infill as it continues to grow and revitalize older, underserved neighborhoods. Companies like Reinvent Huntsville are the model for re-establishing neighborhoods to provide a mix of new market rate properties, renovated bungalows, and affordable housing. New urban centers like Providence and Twickenham Square offer walkable lifestyles where shopping, restaurants, greenways, and workplaces are within footsteps of your front door.



UBER



Google fiber



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