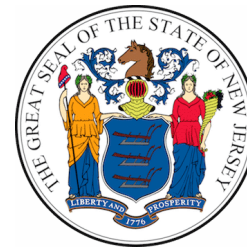


NEW JERSEY ADVANCED MANUFACTURING



NJEDA

choose:
new jersey

“

We are a state of innovators. From the incandescent light bulb to ground-breaking cancer research, New Jersey has been and remains, a place where human ingenuity flourishes.

- Phil Murphy
Governor

Why New Jersey for **ADVANCED MANUFACTURING**?



Connected location with distinct infrastructure assets

- ▶ Reach 40% of US consumers within a 1-day drive of New Jersey
- ▶ Enjoy unmatched regional and global connectivity with unparalleled access to the Northeast Corridor and ~600 nonstop flight destinations¹
- ▶ Take advantage of the largest port on the East Coast and our best-in-class digital infrastructure



Innovative manufacturing ecosystem

- ▶ Join a diverse and growing ecosystem of 4,200+ advanced manufacturing firms that call NJ home and are doubling down here
- ▶ Locate in the center of a robust Mid-Atlantic advanced manufacturing economy, focused in the sectors that matter most, and offering real local advantages
- ▶ Benefit from Governor Murphy's pro-growth manufacturing agenda and an ecosystem of supports



Full breadth of manufacturing talent

- ▶ Access 236,000+ high-skilled and blue collar manufacturing workers needed across your business
- ▶ Get access to a talent pool that is highly diverse and truly global
- ▶ Tap into NJ's robust workforce pipeline including 150+ higher education institutions



A place for every employee

- ▶ Offer employees access to the #1 ranked pre-K-12 education system in the nation
- ▶ Provide employees with a choice of commutable city, small town, country, and coastal living
- ▶ All this at a fraction of the cost of New York and Philadelphia – and just a short train ride away

¹ Includes Newark Liberty International Airport, Philadelphia International Airport, John F. Kennedy International Airport, and LaGuardia International Airport

CONNECTED LOCATION WITH DISTINCT INFRASTRUCTURE ASSETS



**40% OF THE US
WITHIN A 1-DAY
DRIVE**



**AT THE HEART OF THE
NORTHEAST
CORRIDOR WITH
ACCESS 6 AIRPORTS,
3 INTERNATIONAL**



**RAIL AND ROAD
NETWORKS
CONNECTING MAINE
TO FLORIDA WITH
THE #1 PORT ON THE
EAST COAST IN THE
#1 DIGITALLY-
CONNECTED STATE**

40%
of the entire
US pop. within
a **1-day**
driving
shift

~1 day drive

~half day drive

~100 million

People – and thousands of
retailers and suppliers – within a
day's drive

“

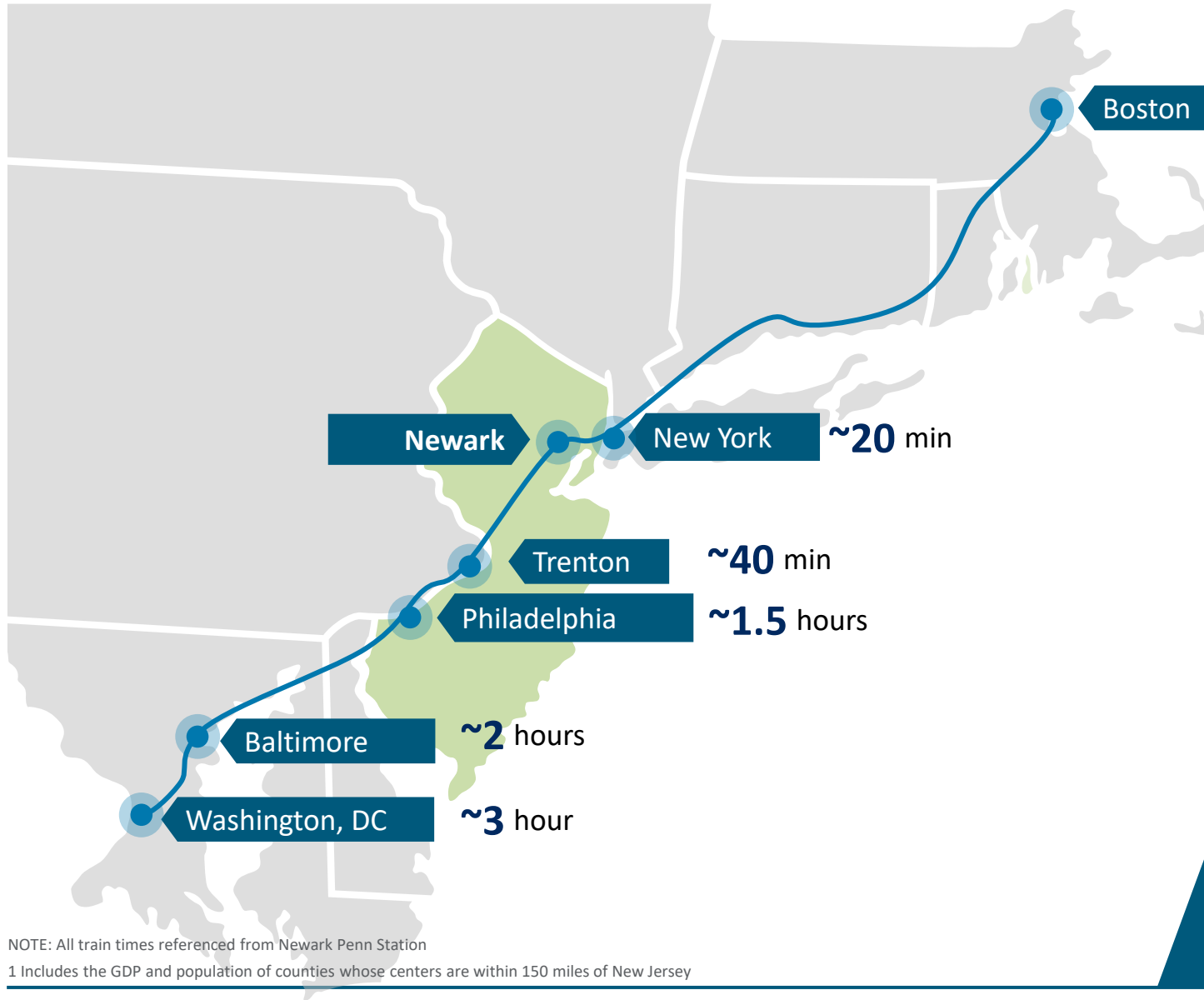
There are many benefits of operating in New Jersey. We bring in paper from all over the world, so it's important for us to be near the major ports. We also ship internationally, so we must be close to proficient transportation. We're located less than an hour from airports and New York City.

- Lisa Hirsh

President and CEO
Accurate Box Company



At the heart of the Northeast corridor, next to NYC and Philadelphia



Train times from
Newark Penn Station



Day trips by train
to Washington DC
and Boston

\$2.9 trillion
GDP within 150 miles¹

36 million
consumers¹
within 150 miles

NOTE: All train times referenced from Newark Penn Station

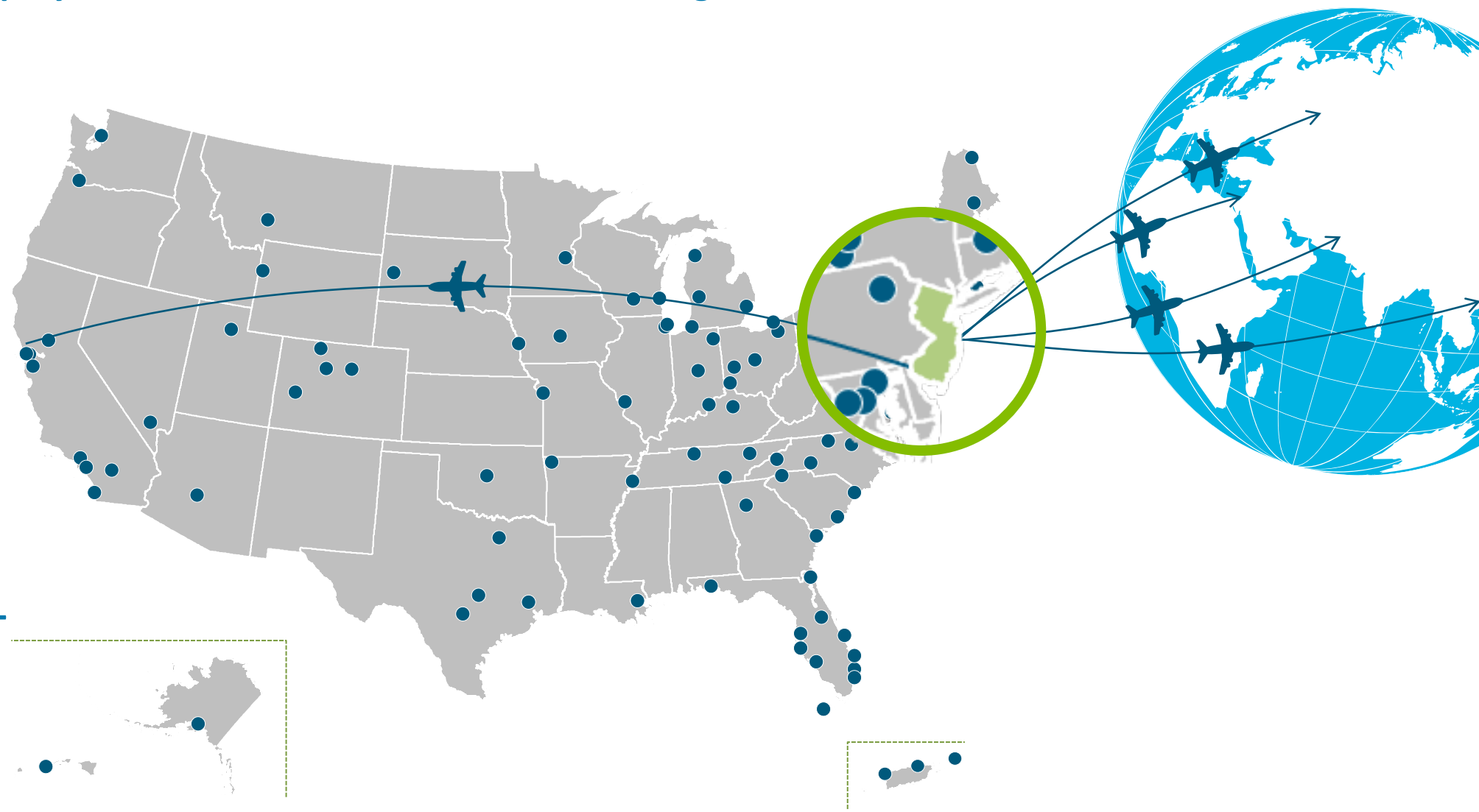
¹ Includes the GDP and population of counties whose centers are within 150 miles of New Jersey

Source: Choose New Jersey research using JobsEQ

Easy access to employees, clients, and customers across the globe

340+
NONSTOP
DOMESTIC
DESTINATIONS

260+
NONSTOP
INTERNATIONAL
DESTINATIONS





Importing and exporting goods could not be easier for your business



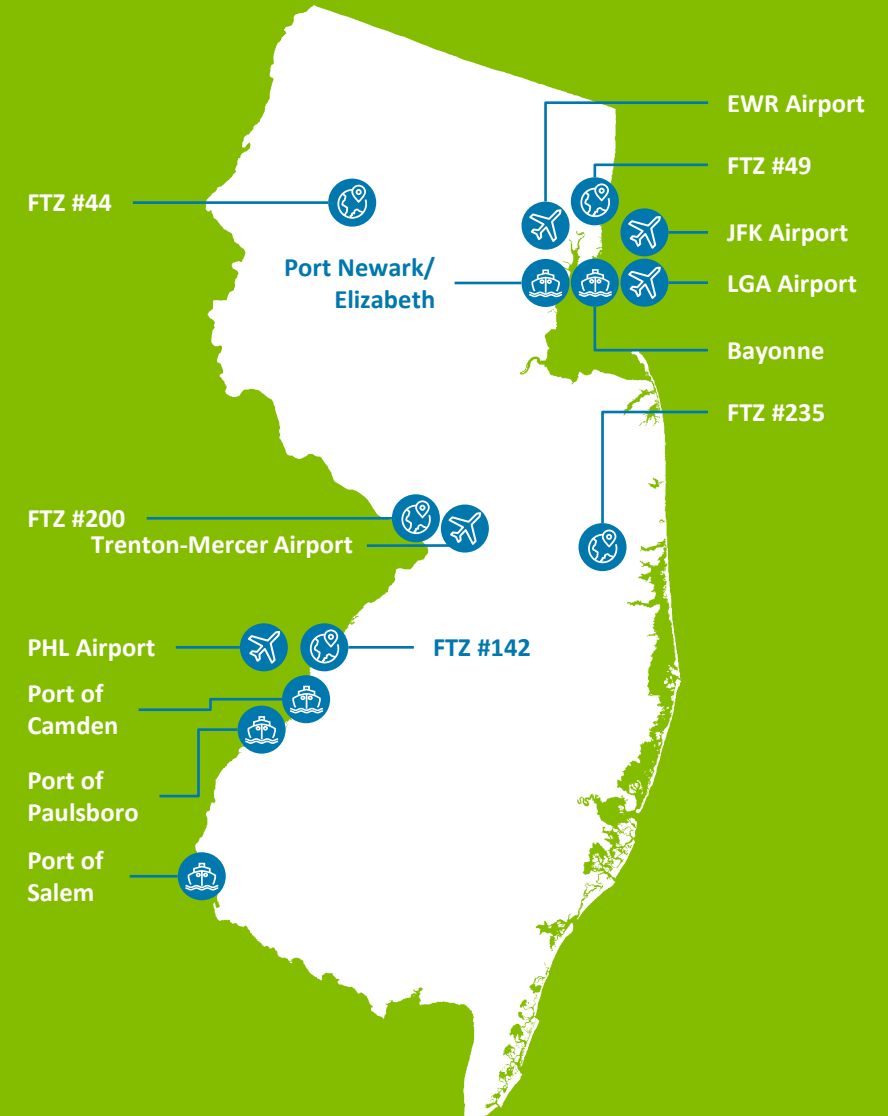
Access 6
Airports,
3 International



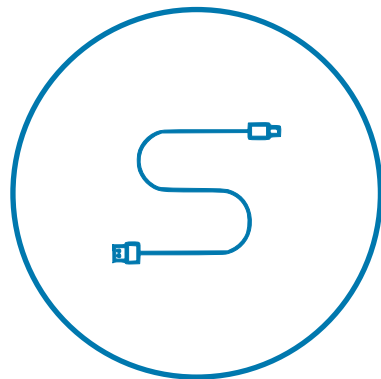
#1 largest port
on the East Coast



5 strategically
located Foreign
Trade Zones
throughout the
State



Best-in-class Digital Infrastructure



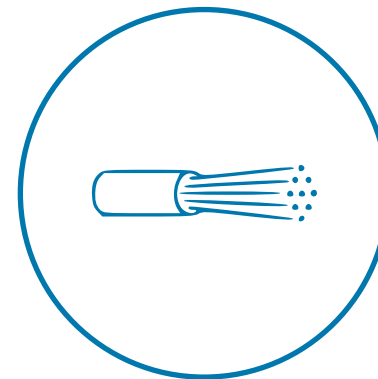
#1

Best Broadband access
in the country
(broad coverage, high-speeds,
and low pricing)




#2

access to a wired
connect with speeds
over 100 Mbps+
(97.7%)



67%

population with access
to fiber-optic internet
(National Avg is 25%)



INNOVATIVE MANUFACTURING ECOSYSTEM



**RICH, DIVERSE AND GROWING
ECOSYSTEM OF 4,200+ ADVANCED
MANUFACTURING FIRMS**



**STRATEGIC ADVANTAGES WITHIN
A ROBUST REGIONAL
MANUFACTURING ECONOMY**



**A CLEAR, PRO-GROWTH COMMITMENT
TO ADVANCED MANUFACTURING WITH
REAL SUPPORTS IN PLACE**



Diversity of advanced manufacturing companies in New Jersey

4,200+ advanced manufacturing firms in NJ

Biopharma & medical device



Chemical



Food



Computer & electronic product



Fabricated metal



Machinery

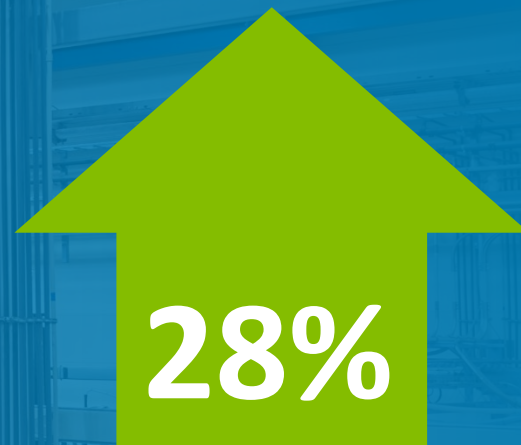
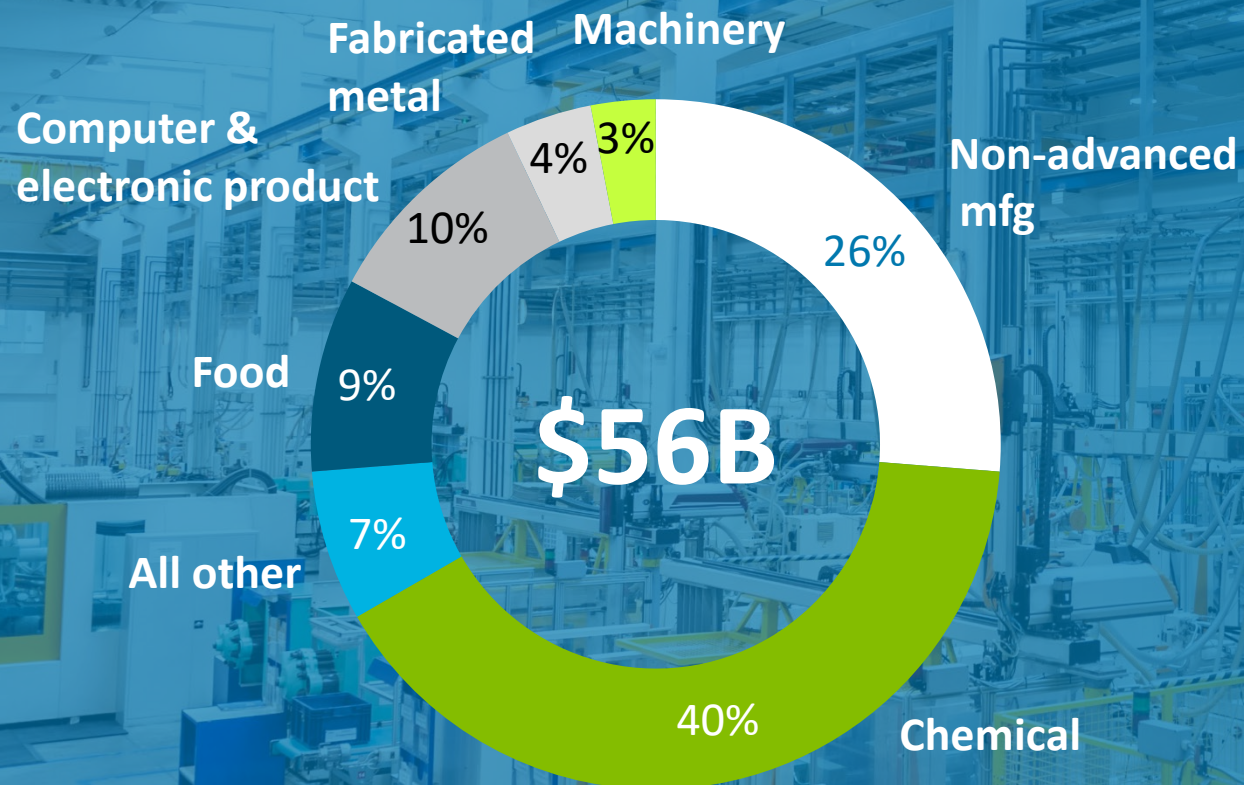


Other advanced manufacturing





A diverse advanced manufacturing economy that is on the rise



GDP growth in NJ
advanced manufacturing
since 2013

Leading companies are doubling down here

New 45,000 square foot facility brings B&W Tek, Innovative Photonic Solutions (IPS) and a new Metrohm USA applications lab and field office under one roof.

Chemical Instrument Manufacturer



2021

Opened new 6,100 square foot, state-of-the-art facility in Totowa, New Jersey

Global Laser Microjet Cutting Company



Celebrated breaking ground on a 42,000 sq. ft. expansion of its manufacturing facility in Logan Township

Gluten Free Food Manufacturer



Adding a 31,000 sq. ft. building next to its current facility in East Windsor, New Jersey, laying the foundations for a state-of-the-art Hovione Campus.

Contract Development and Manufacturing Organization



2021



Global Electric Vehicle Company

Expands in North America with 30,000 sq. ft. service center



Biotechnology Company

Expanded 32,000-square-foot manufacturing facility



Biopharmaceutical Company

Expands in NJ, 220,500 sq. ft. gene therapy manufacturing facility

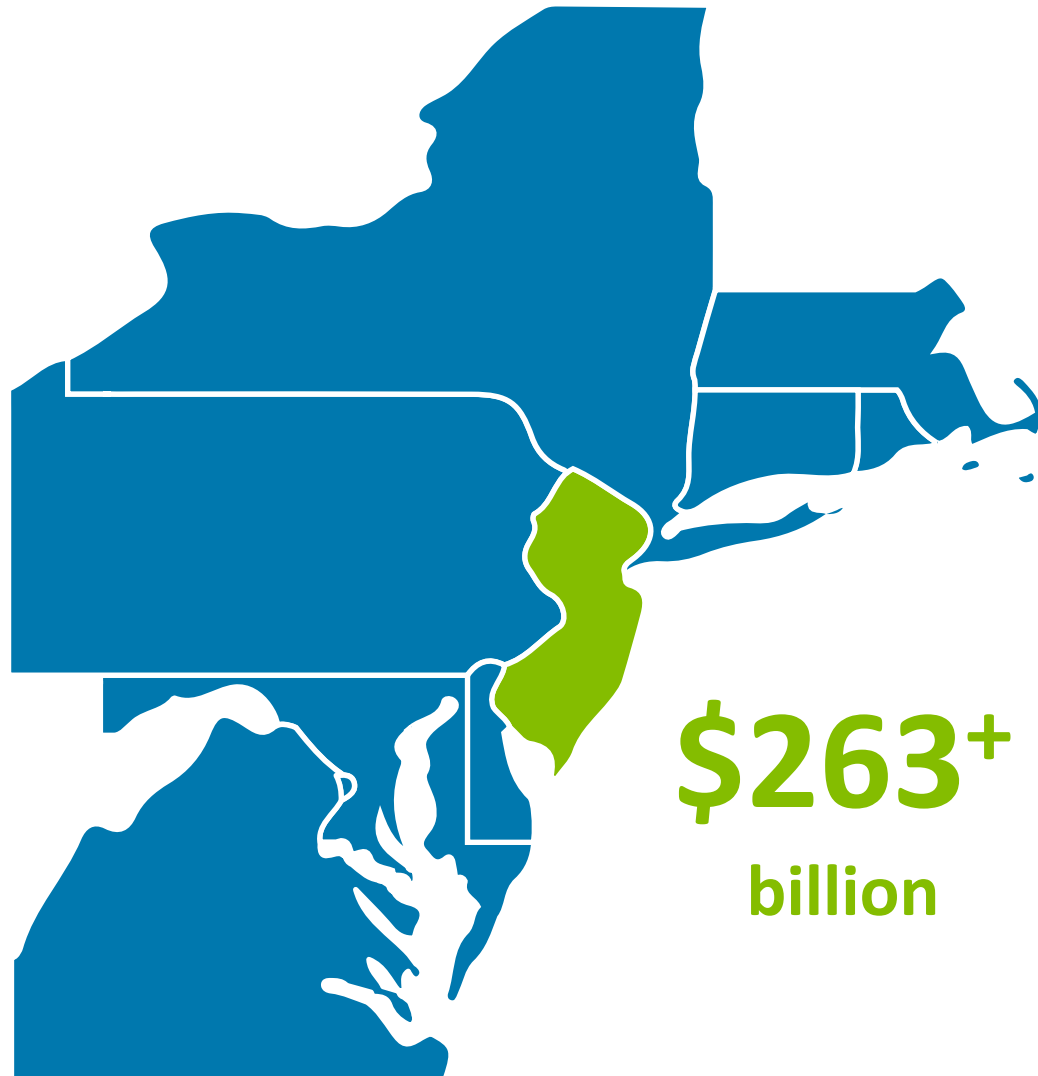
Beiersdorf

Global skincare company

Opens a new 32,000-square-foot Innovation Center

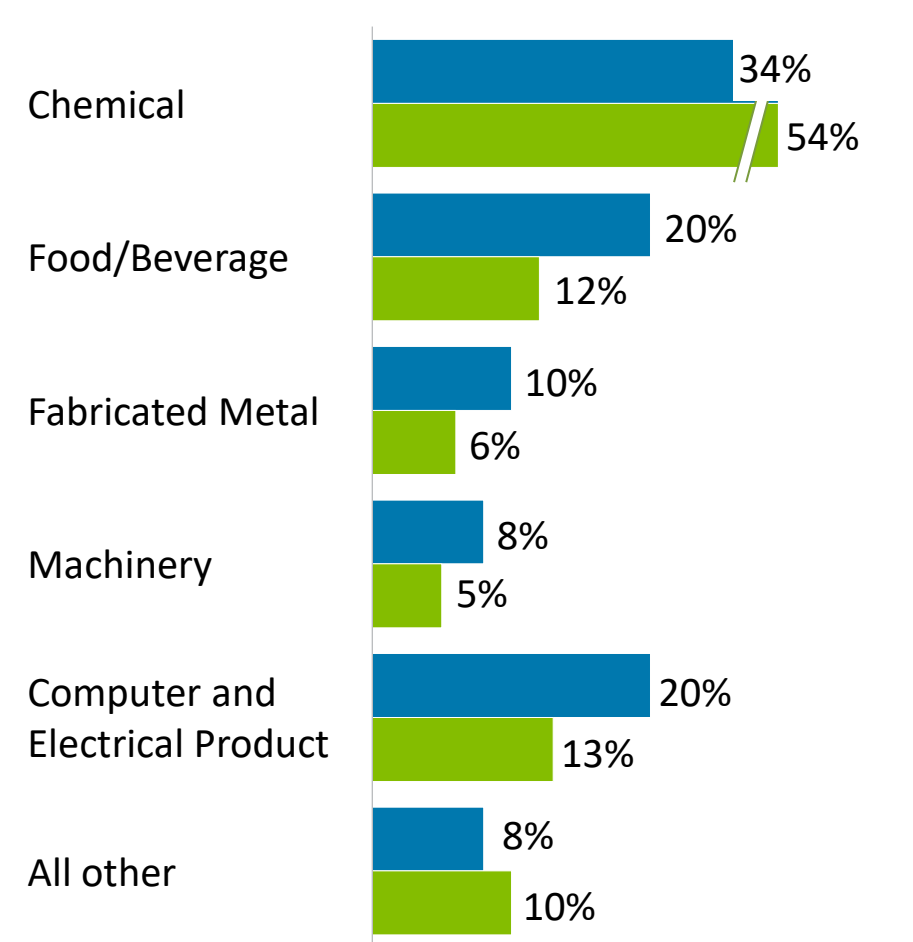


Located in a robust Mid-Atlantic manufacturing economy and focused in the sectors that matter most



\$263⁺ in advanced
billion manufacturing GDP
across the Mid-Atlantic¹

Percent of advanced manufacturing GDP, 2020



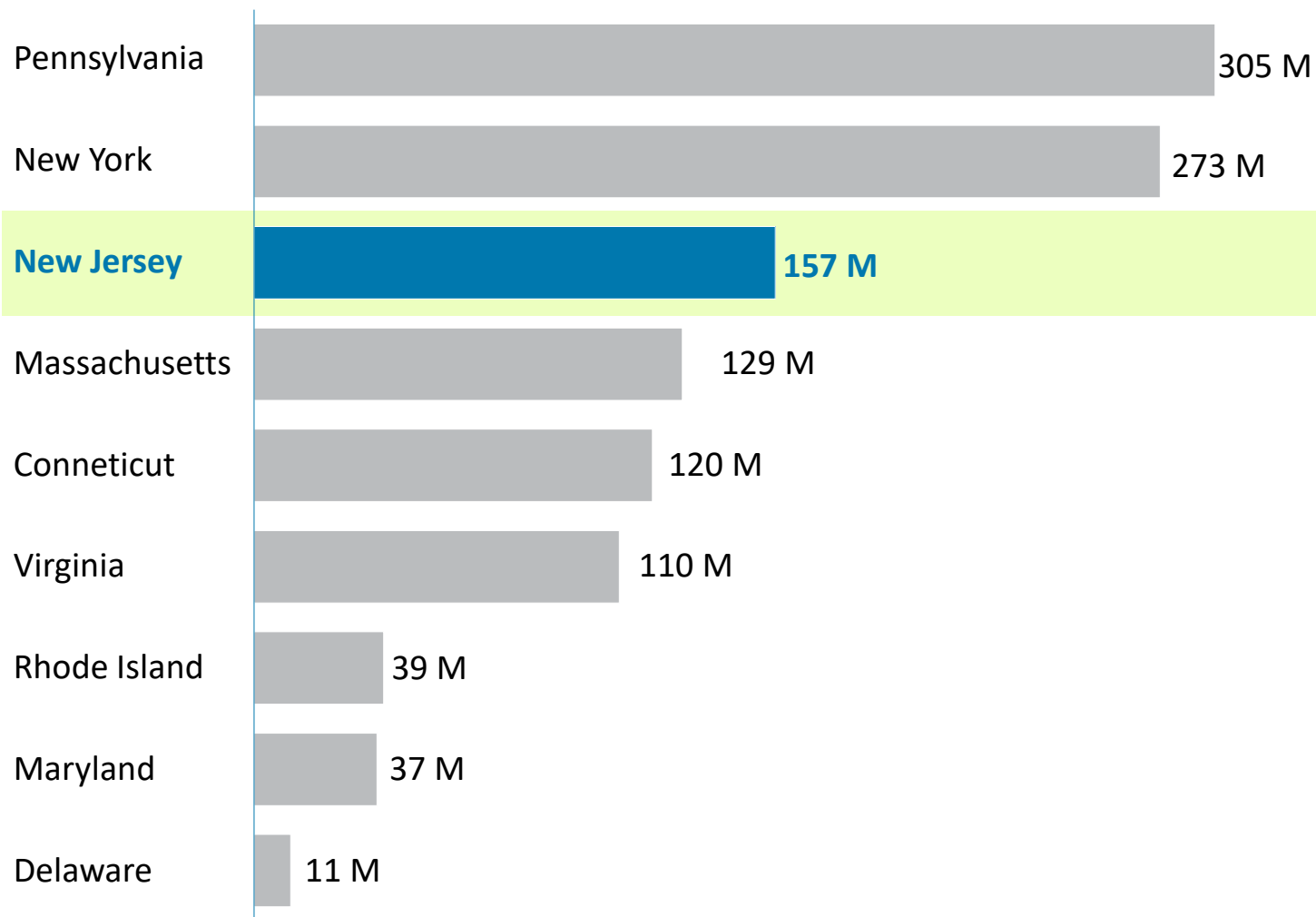
¹ Includes New Jersey, Massachusetts, Pennsylvania, New York, Maryland, Virginia, Connecticut, Rhode Island, Delaware



Among the best places in the Mid-Atlantic to create products and get them to customers quickly

Abundant manufacturing spaces to create...

Total industrial manufacturing square footage, 2022



...and an ability to get products to customers fast



port on the East Coast, with nearly 2X the volume of Virginia



distribution and warehousing capacity in the Mid-Atlantic (712+ million sq. ft)



Governor Murphy's economic development plan for the future



Investing in **PEOPLE**,
including robust workforce
supports to train the
workers of the future



Supporting **INNOVATION** by
creating clear sector priorities
and specific programs to
support companies within
those sectors



Investing in **COMMUNITIES**,
including making significant
investments in expanding New
Jersey's robust infrastructure and
invigorating its cities



**MAKING GOVERNMENT
WORK BETTER** by reducing
the time, cost, and complexity of
doing business in New Jersey





We have the supports needed to help advanced manufacturing companies thrive

TAILORED WORKFORCE PROGRAMS



Pro-action Education Network



A NETWORK OF SUPPORTIVE INSTITUTIONS AND PROGRAMS



SUPPORTS FOR INNOVATION AND RESEARCH

Center for Manufacturing Systems



The New Jersey Advanced Manufacturing Institute
University Industry Partnership

Makerspaces across the State



FULL BREADTH OF MANUFACTURING TALENT

**LARGE AND ACCESSIBLE
TALENT POOL**



236,000+

Advanced manufacturing
workers at the ready

**TRULY DIVERSE
POPULATION**



37%

female share of advanced
manufacturing workforce

PIPELINE OF TOP TALENT



150+

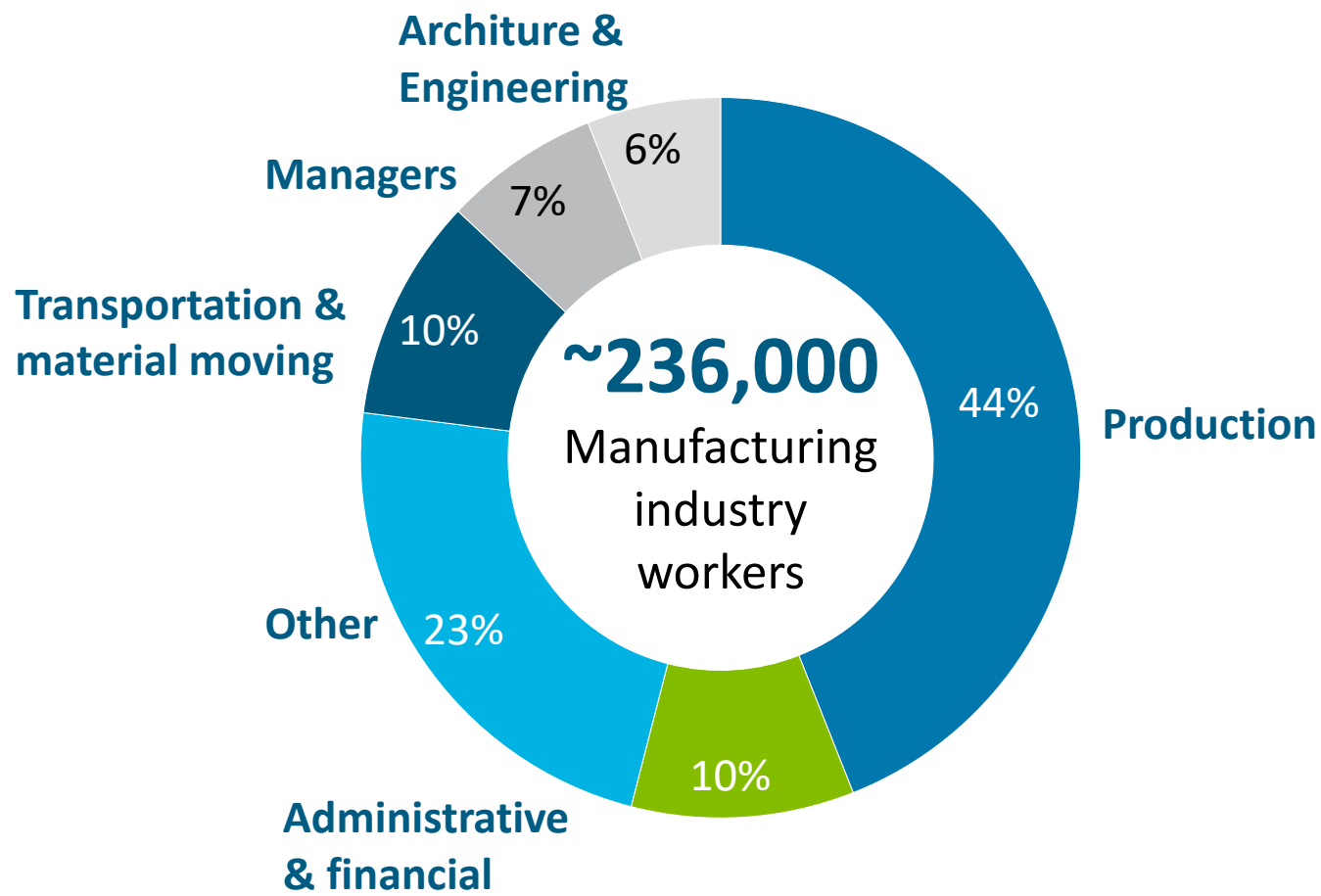
higher education institutions
supporting range of
workforce needs



Hundreds of thousands already working in New Jersey's advanced manufacturing industry

NJ distribution of occupations in the manufacturing sector

% of NJ employment in the manufacturing by occupation, 2020



“

We're proud to continue contributing to the manufacturing comeback...in Trenton and the launch of our new division allows us to hire new employees while maintaining the loyal and multi-generational workforce who have made Switlik the continuing success it is today.

- Stanley Switlik II
CEO
SWITLIK Survival Products

1 Other category consists of business, sales, and other professional and service occupations



**Deep pool of
advanced
manufacturing
workers at
the ready**



160,000+

**Workers employed
in production
occupations¹**



12,000+

**First-Line
Supervisors²
projected to grow 3%
in the next decade**



5,000+

**Machinists
projected to grow
7% in the decade**

¹ Includes production occupations within manufacturing only | ² Includes first-line supervisors of production and operating workers across sectors

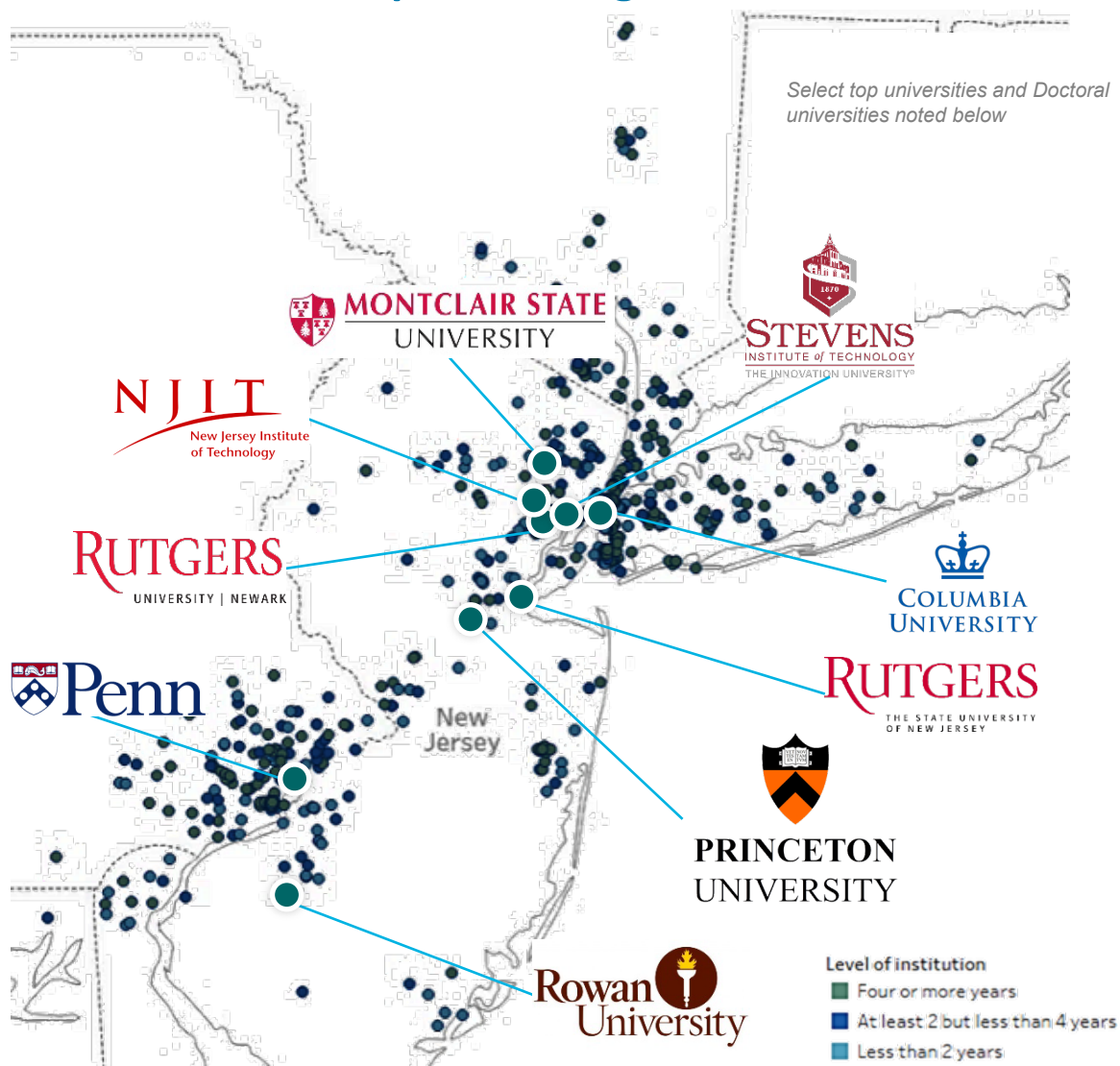


Diverse talent needed to compete in a globally diverse world





Access to 150+ premier higher education institutions



150+

institutions in the region¹

\$7.8 billion

R&D expenditures¹

25

Doctoral universities^{1,2}

#1

University in the country and
3 of top 10^{1,3}

¹ New Jersey region includes New Jersey state, New York-Newark-Jersey City, NY-NJ-PA MSA and Philadelphia-Camden-Wilmington, PA-NJ-DE-MD MSA

² Includes universities under Carnegie classification: Doctoral Universities: Very High Research Activity, Doctoral Universities: High Research Activity

³ Includes Princeton, Columbia University and University of Pennsylvania

A PLACE FOR EVERY EMPLOYEE

TRANSIT-RICH, DIVERSE
NEIGHBORHOODS

Newark

Jersey City

BUSTLING,
GROWING CITIES

Montclair

Hoboken

Collingswood

Asbury Park

Princeton

ACCESSIBLE,
SMALL TOWNS

Ocean City

COASTAL
ENCLAVES



A safe and vibrant suburb with incredible schools, world-class dining options, and direct access to New York City



The #1 Pre-K-12 education system in the country



1

ranked in
Pre-K-12
education

Compared to...

17

PA

19

NY

35

TX

40

CA



2 of the top 30
school districts



2 of the top 20 high
schools in the US



A short train ride from New York City but significantly more affordable

If your income in
Manhattan is...

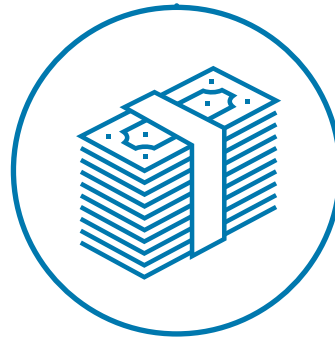
~\$100,000

after taxes

Moving to Newark
would get you...

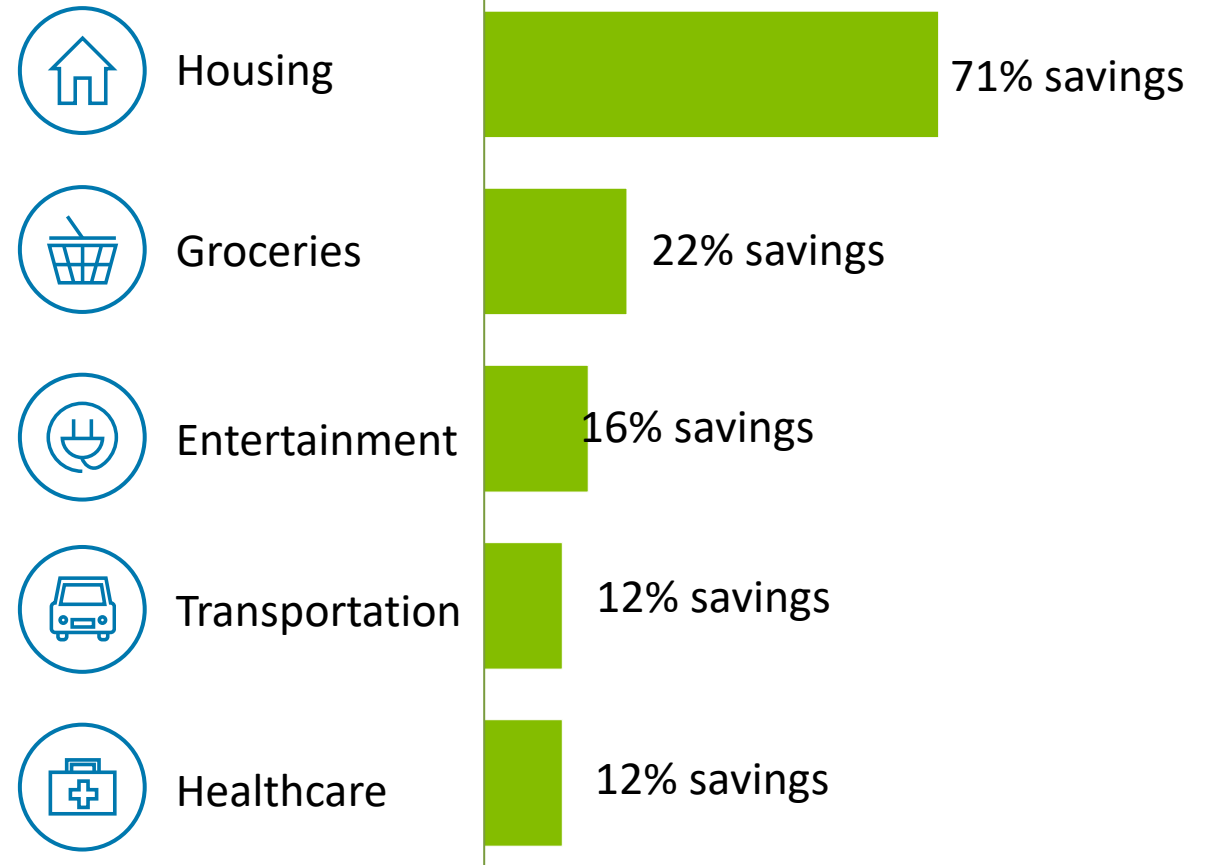
~\$200,000

of purchasing power



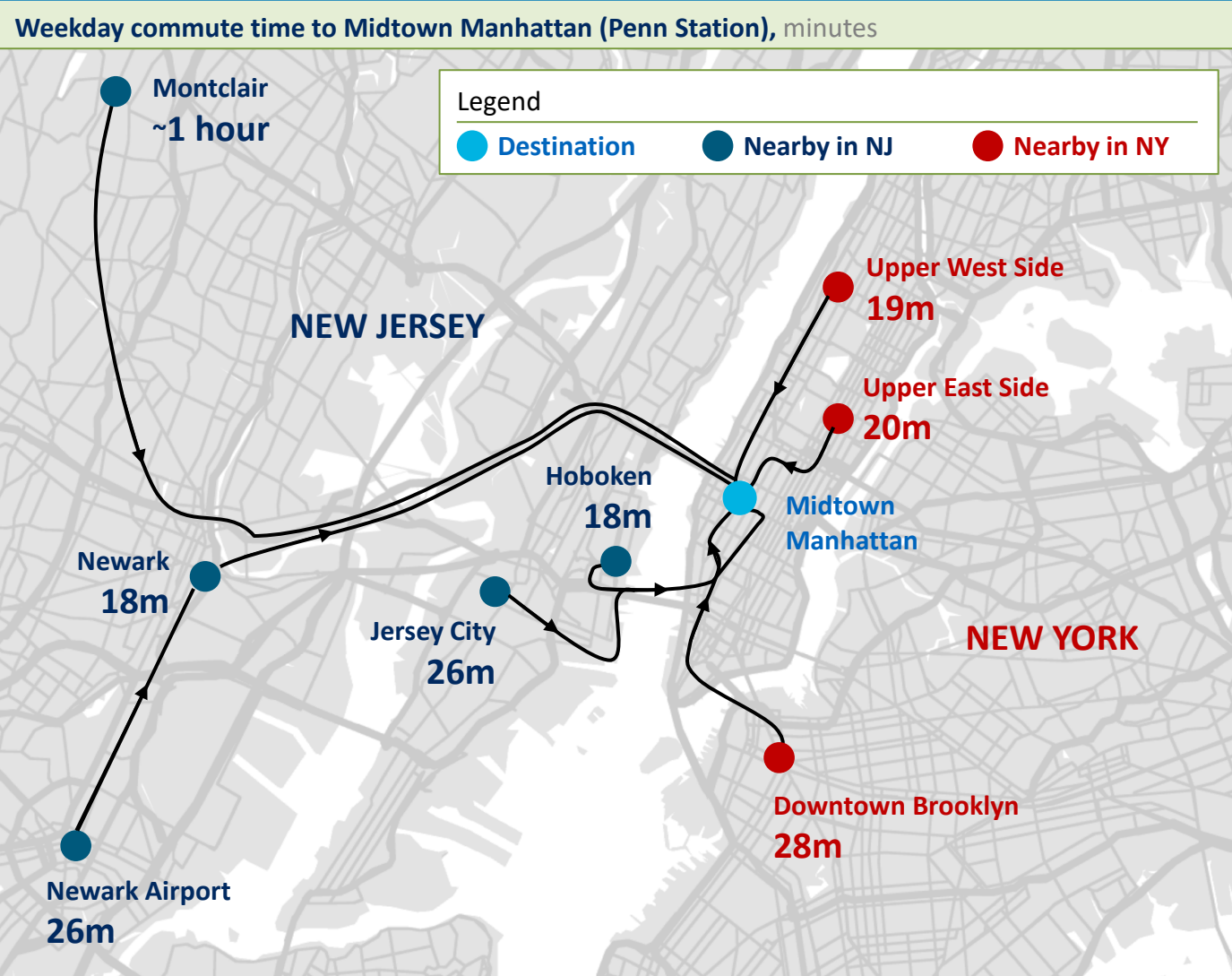
Typical savings moving from Manhattan to Newark

% savings vs. original dollar spend

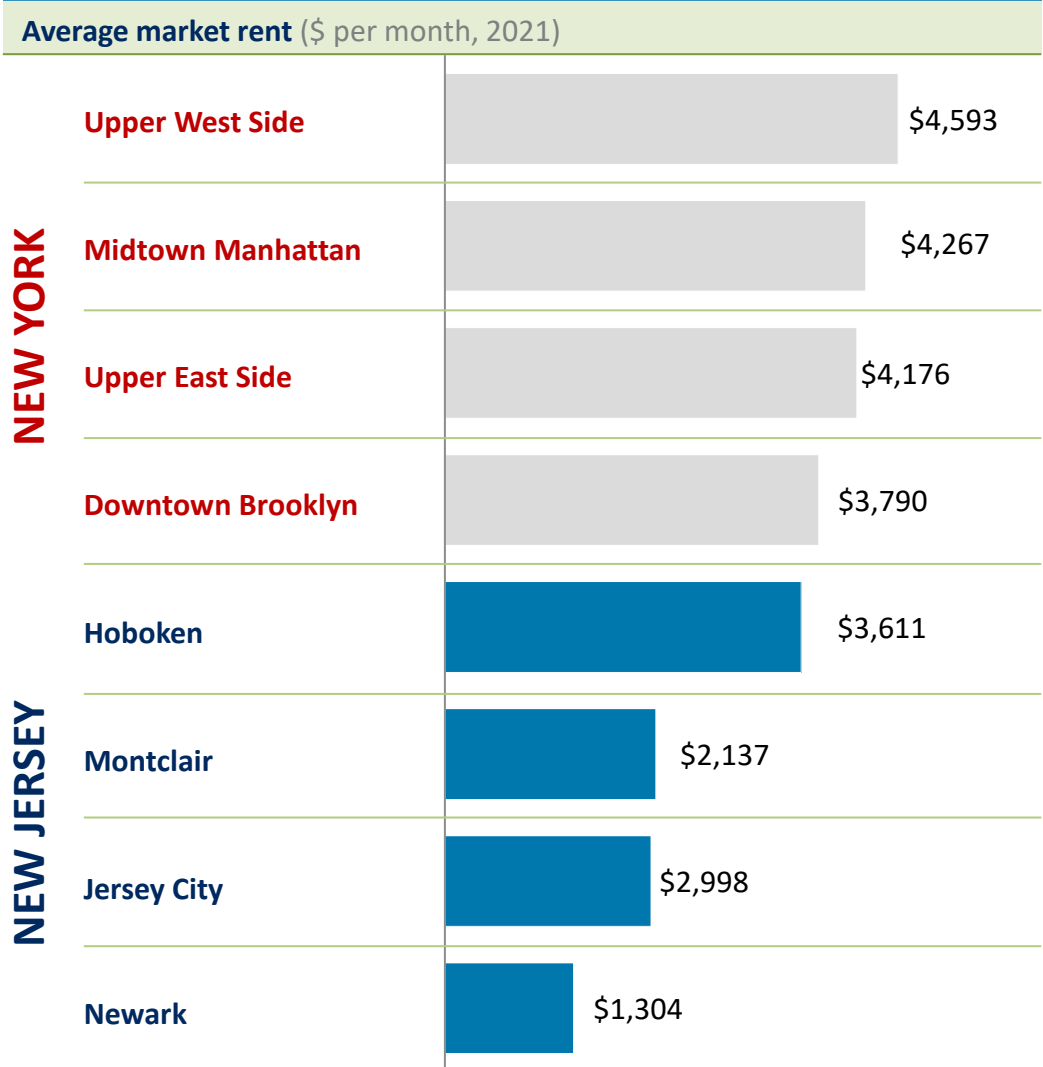


Access to New York City and all its amenities at a fraction of the cost

Easy access to New York City...



...at New Jersey prices



SOURCE: Google Maps estimates via public transportation at 8:00 am on Monday morning; in cases where time range is provided, estimate uses average of low and high range; RentCafe data provided by Yardi Matrix

Endless opportunities for leisure



130
Miles of
Coastline



130
Craft
Breweries



9,900
Farms



256
Historical Sites &
Memorials



400+
Lakes, Pond &
Reservoirs



335
Golf Courses



949
Miles of Hiking



44
Zoos,
Arboretums &
Gardens



30
State Parks



18
Theme Parks



150
Museums



3
Ski Mountains



10
Sports Stadiums



A progressive agenda that helps attract diverse, highly-skilled talent



Governor Phil Murphy Celebrates Groundbreaking of Historic Research, Education and Innovation Hub in New Brunswick

11/14/2021

NEW BRUNSWICK – Governor Phil Murphy, Rutgers President Jonathan Holloway, Princeton Provost Deborah Prentice, Hackensack Meridian Hospital CEO Bob Garrett, RWJ Barnabas CEO Barry Ostrowsky, and Assembly Speaker Craig Coughlin, along with other academic, elected, and private sector leaders today broke ground on the historic New Jersey Innovation and Technology Hub, a 550,000 square foot development that will be a center of innovation, research, and medical education in downtown New Brunswick.

Governor Murphy Advances Climate Action to Secure New Jersey's Clean Energy Future

11/10/2021

Governor Establishes New Interim Greenhouse Gas Reduction Goal and Announces \$33 Million Investment in Clean Transportation Projects

Murphy announces \$400M in Capital Facilities Funding to support higher education

By **Linda Lindner** (New Brunswick) - November 16, 2021

U.S. DEPARTMENT OF COMMERCE INVESTS \$3 MILLION TO SUPPORT GROWTH OF AVIATION TECHNOLOGY CLUSTER IN CAPE MAY COUNTY, NEW JERSEY

December 9, 2021

Murphy Administration Charges Toward an Electric Vehicle Future, Including New Effort to Encourage EV Charging Infrastructure in Every New Jersey Municipality

September 8, 2021, 6:14 pm | in

Posted on: October 1, 2021

Gov. Murphy Establishes Office of Diversity, Equity, Inclusion, and Belonging

On Tuesday, September 28, Governor Phil Murphy signed Executive Order No. 265 (EO 265), which establishes the Office of Diversity, Equity, Inclusion, and Belonging to be led by newly appointed Jayne Johnson.

A true partner for your business with supports to help at every stage



GET STARTED

Targeted financing programs for young companies



GET ESTABLISHED

Innovative supports for growth companies



GROW

Venture funding and loan programs to help companies scale



As an entrepreneur and former Pfizer executive, I cannot underscore enough the critical value that early funding brings to companies like ours, I applaud and thank Governor Phil Murphy for expanding the Angel Investor Tax Credit. I know it will impact our conversation with investors in the months and years ahead.

Geno J. Germano
CEO, Elucida Oncology

We'd love to connect with you!



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