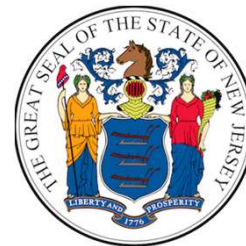


# NEW JERSEY ADVANCED MANUFACTURING



**NJ**EDA

**choose:**  
**newjersey**

# 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 destinations<sup>1</sup>
- ▶ 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 employees

- ▶ Offer employees the #1 ranked public education system in the nation
- ▶ Provide employees a choice of communities, from small town, coastal living
- ▶ All this at a fraction of the cost of New York City or Philadelphia – a short train ride away

s. From  
descent  
to ground-  
cancer research,  
y has been and  
a place where  
genuity

S.

mpy  
or

<sup>1</sup> 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 MA  
TO FLORIDA W  
THE #1 PORT ON  
EAST COAST IN  
#1 DIGITALLY  
CONNECTED ST**

choose:  
newjersey **NJ**



entire  
p. within  
ay

# ~100 million

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

“

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  
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.

- Lisa  
President and  
Accurate Box Company

choose:  
new jersey NJ

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



Day trips by train  
to Washington DC  
and Boston

**\$2.9 trillion**  
GDP within 150 miles<sup>1</sup>

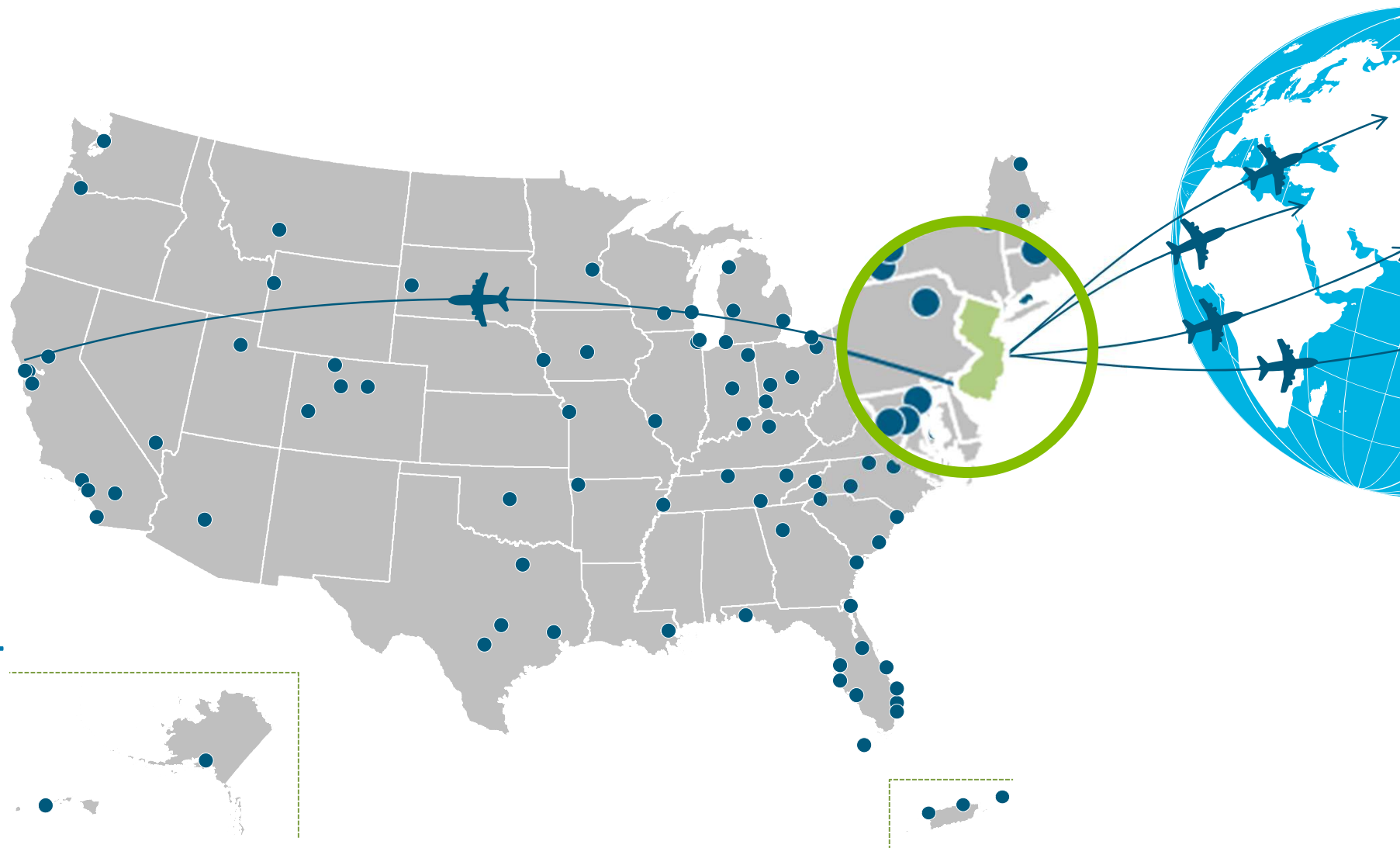
**36 million**  
consumers<sup>1</sup>  
within 150 miles

<sup>1</sup> Figures referenced from Newark Penn Station  
and population of counties whose centers are within 150 miles of New Jersey

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

40+  
ONSTOP  
DOMESTIC  
ESTINATIONS

60+  
ONSTOP  
INTERNATIONAL  
ESTINATIONS



orting and exporting goods could not be easier for your business



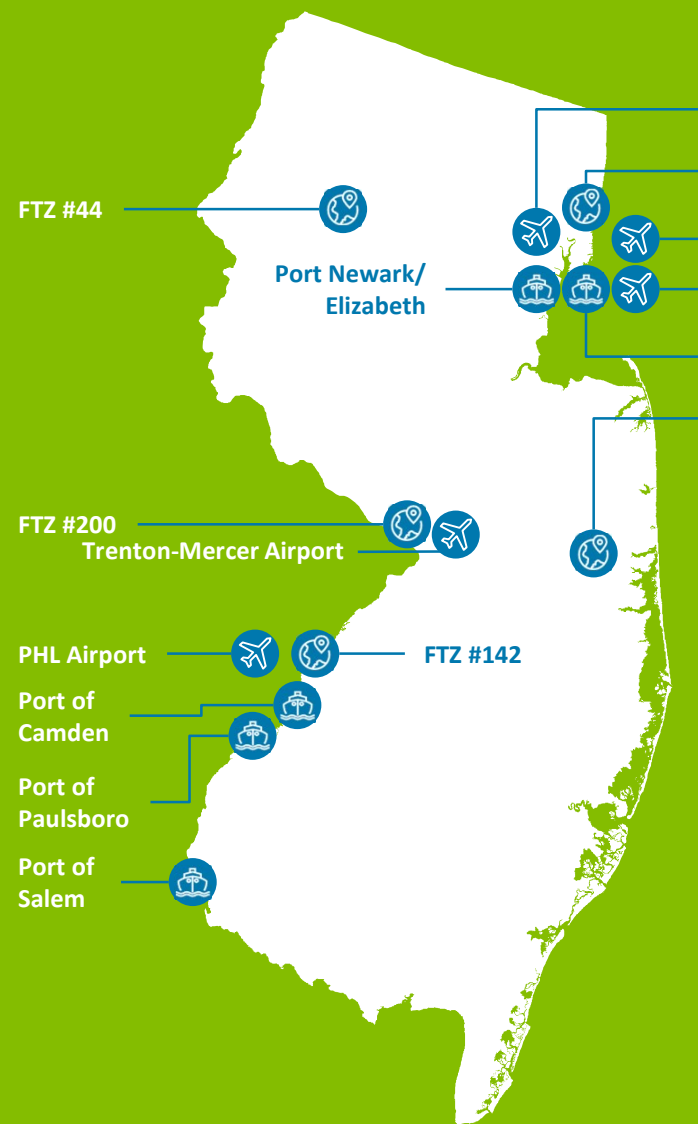
Access 6  
Airports,  
International



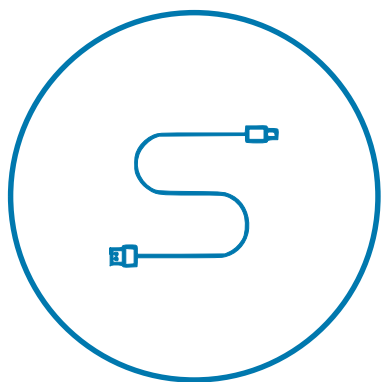
#1 largest port  
on the East Coast



5 strategically  
located Foreign  
Trade Zones  
throughout the  
State



## c-in-class Digital Infrastructure



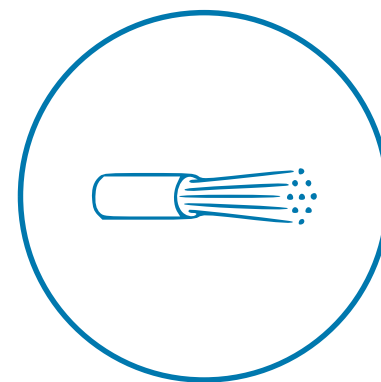
# #1

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**



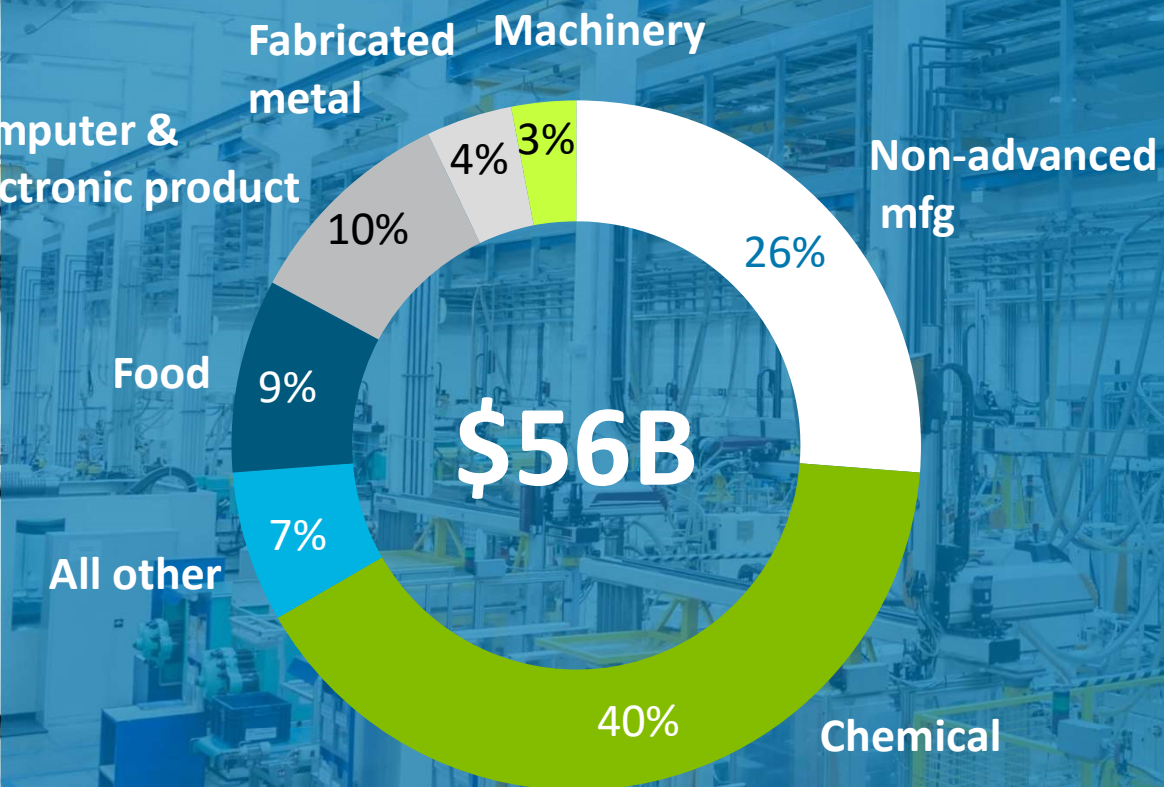
**A CLEAR, PRO-GROWTH COMMITMENT  
TO ADVANCED MANUFACTURING WITH  
REAL SUPPORTS IN PLACE**

# Diversity of advanced manufacturing companies in New Jersey

4,200+ advanced manufacturing firms in NJ



diverse advanced manufacturing economy that is on the rise



GDP growth in NJ  
advanced manufacturing  
since 2013

## Leading companies are doubling down here

100,000 square foot facility brings B&W Tek, Photonic Solutions (IPS) and a new USA applications lab and field office under one roof.

**Global Instrument Manufacturer**

**Metrohm**  
USA Inc.

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

**Global Laser Microjet Cutting Company**

 **SYNOVA**

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

**Gluten Free Food Manufacturer**

**DrSchär**

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

**Contract Development and Manufacturing Organization**

**Hovione** 

2021

  
Build Your Dreams®

**Global Electric Vehicle Manufacturer**

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

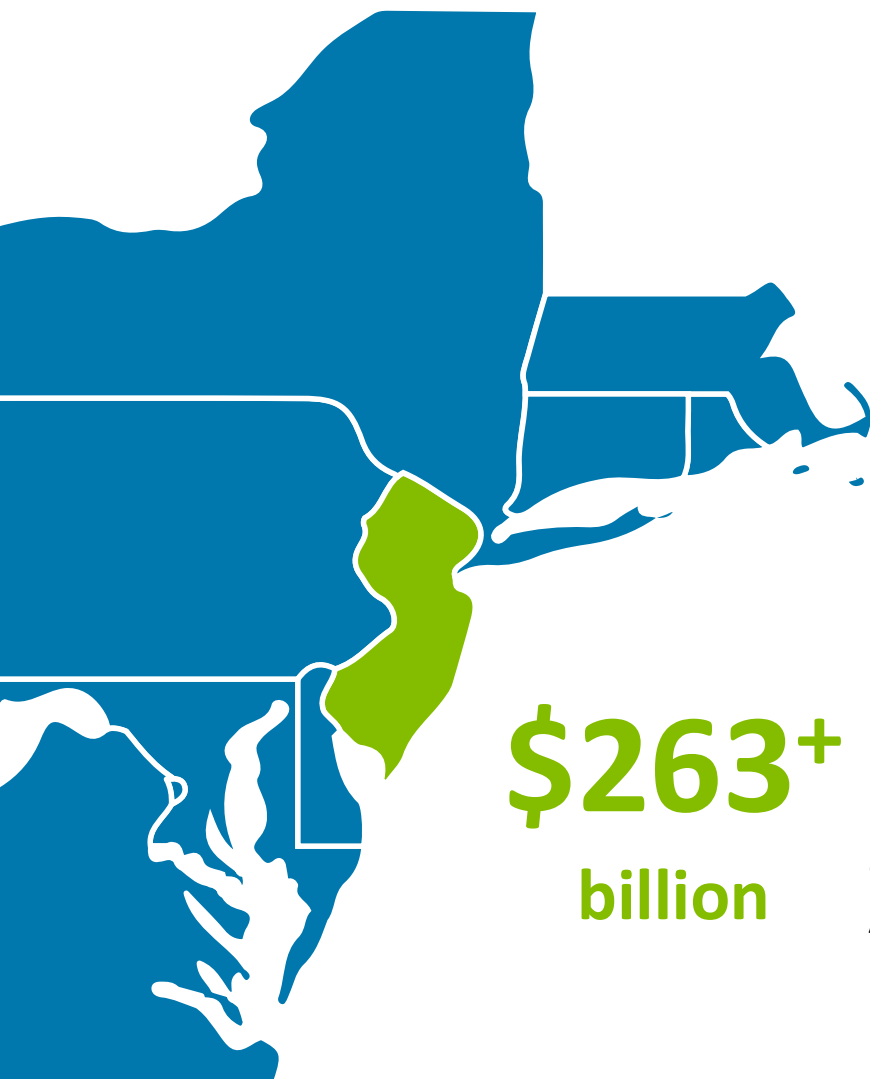
**Beiersdorf**

**Global skincare company**

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

choose:  
newjersey 

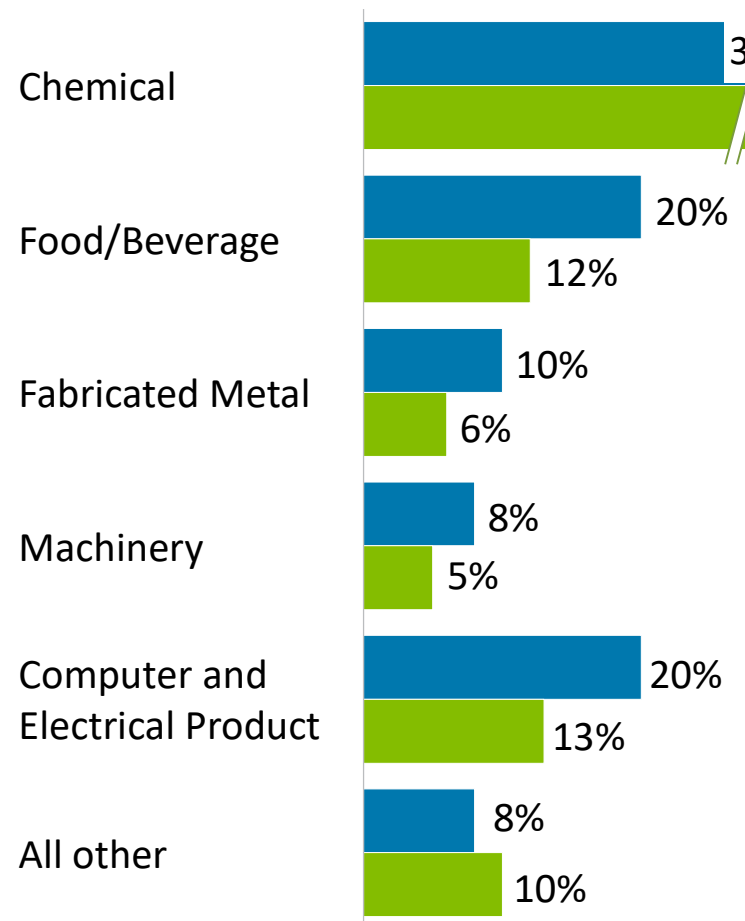
located in a robust Mid-Atlantic manufacturing economy and focused in the sectors that matter most



**\$263+** in advanced  
billion manufacturing GDP  
across the Mid-Atlantic<sup>1</sup>



## Percent of advanced manufacturing GDP

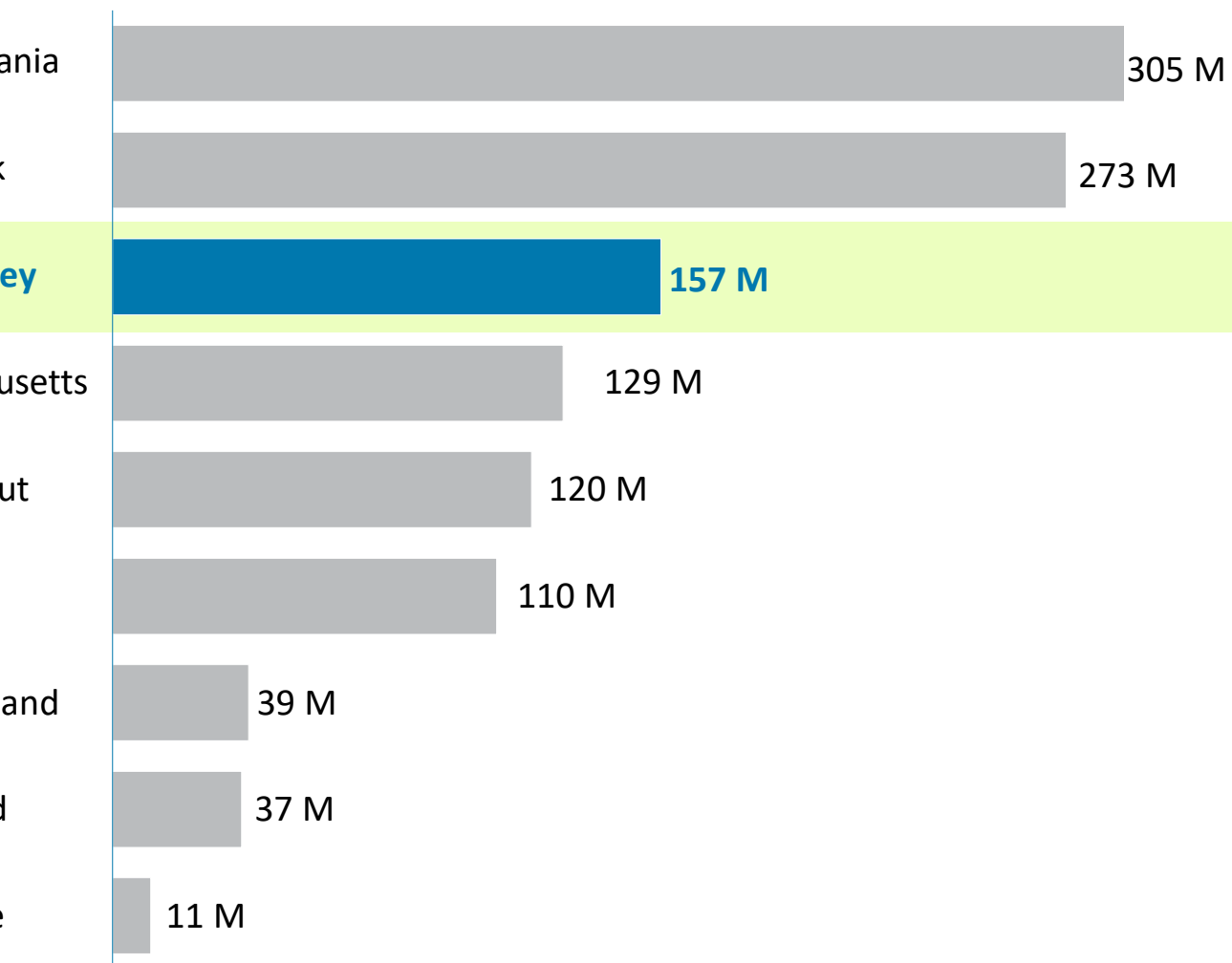


<sup>1</sup> New Jersey, Massachusetts, Pennsylvania, New York, Maryland, Virginia, Connecticut, Rhode Island, Delaware

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

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

Industrial manufacturing square footage, 2022



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



have the supports needed to help advanced manufacturing companies thrive

## TAILORED WORKFORCE PROGRAMS

**NJMEP** Pro-action Education Network  
*New Jersey Manufacture Success*

**Community College Consortium**  
FOR WORKFORCE & ECONOMIC DEVELOPMENT  
Bridging the Skills Gap

## SUPPORTS FOR INNOVATION AND RESEARCH

Center for Manufacturing Systems

**NJIT**  
New Jersey Institute of Technology

The New Jersey Advanced Manufacturing Institute  
*University Industry Partnership*

Makerspaces across the State



**NJIT**  
New Jersey Institute of Technology



## A NETWORK OF SUPPORTIVE INSTITUTIONS AND PROGRAMS

**NJMEP**  
*Helping New Jersey Manufacture Success*

**MEP • MANUFACTURING EXTENSION PARTNERSHIP**

# 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+**

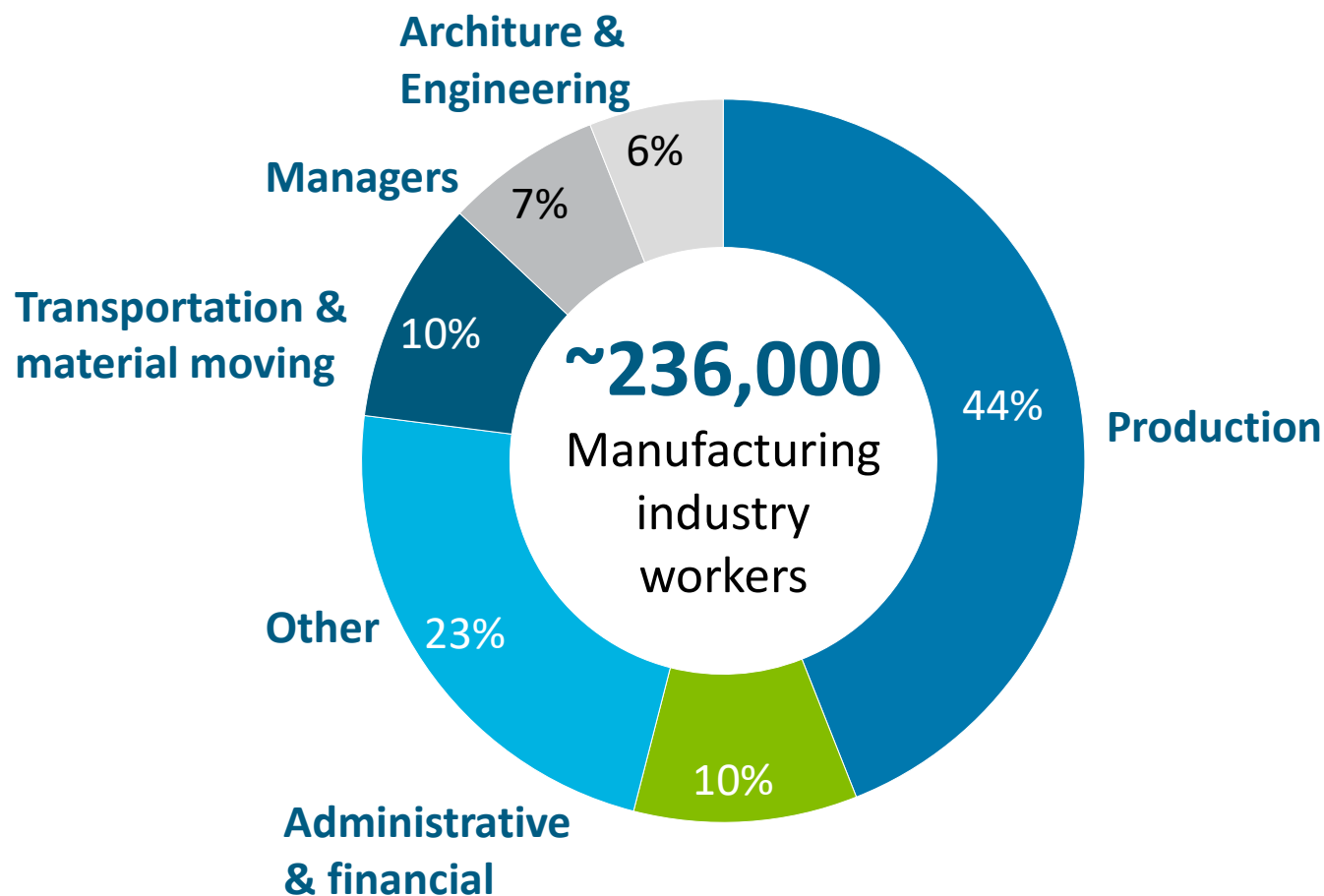
higher education institutions  
supporting range of  
workforce needs

choose:  
new jersey NJ

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

## Distribution of occupations in the manufacturing sector

of NJ employment in the manufacturing by occupation, 2020



We're proud to contribute to the manufacturing comeback in Trenton and the launch of a new division allows us to hire more employees while maintaining a loyal and multi-generational workforce who have helped Switlik the company achieve success it is proud of.

- Stanley Switlik

SWITLIK

consists of business, sales, and other professional and service occupations

Occupational Employment Statistics, Bureau of Labor Statistics

pool of  
ed  
facturing  
ers at  
ady



**160,000+**

Workers **employed**  
in **production**  
occupations<sup>1</sup>



**12,000+**

**First-Line Supervisors<sup>2</sup>**  
projected to **grow 3%**  
**in the next decade**



**5,000+**

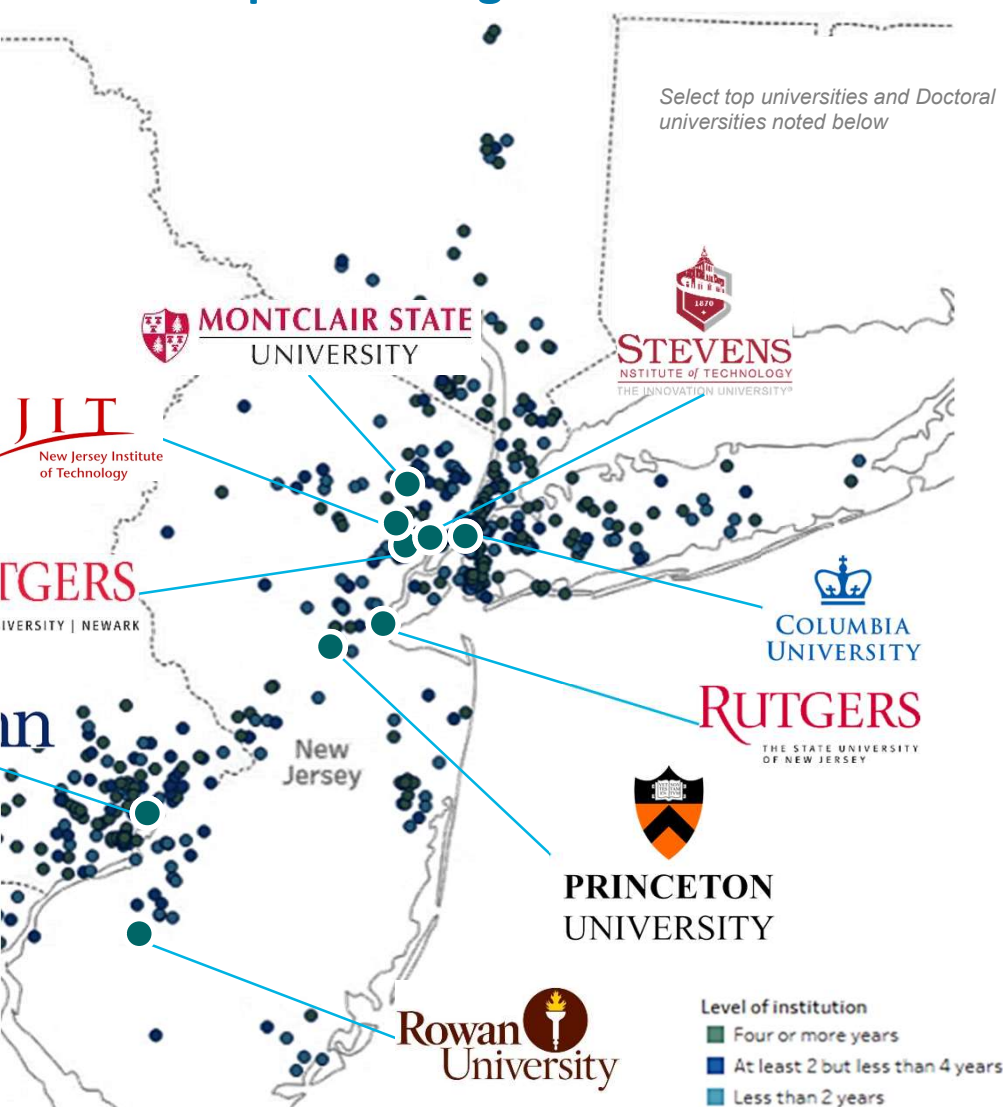
**Machinists**  
projected to **grow 7%**  
**in the decade**

<sup>1</sup> on occupations within manufacturing only | <sup>2</sup> 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 region<sup>1</sup>

**\$7.8 billion**

R&D expenditures

**25**

Doctoral universities<sup>1,2</sup>

**#1**

University in the country and  
**3 of top 10**<sup>1,3</sup>

<sup>1</sup> Includes New Jersey state, New York-Newark-Jersey City, NY-NJ-PA MSA and Philadelphia-Camden-Wilmington, PA-NJ-DE-MD MSA  
<sup>2</sup> Universities under Carnegie classification: Doctoral Universities: Very High Research Activity, Doctoral Universities: High Research Activity  
<sup>3</sup> Princeton University, Columbia University and University of Pennsylvania

# A PLACE FOR EVERY EMPLOYEE

TRANSIT-RICH, DIVERSE  
NEIGHBORHOODS

Newark

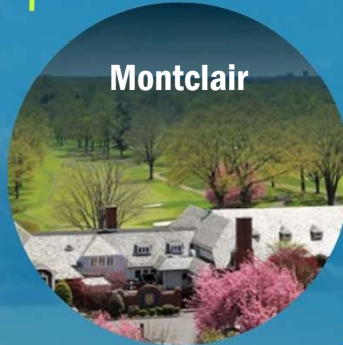


BUSTLING,  
GROWING CITIES

Jersey City



Montclair



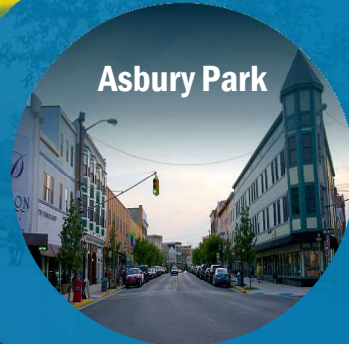
Hoboken



Collingswood



Asbury Park



Princeton



ACCESSIBLE,  
SMALL TOWNS

Ocean City



COASTAL  
ENCLAVES

choose:  
new jersey NJ

# Montclair

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



# #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 district



2 of the top 20  
schools in the

Short train ride from New York City but significantly more affordable

Your income in  
Manhattan is...

**\$100,000**

per taxes

Moving to Newark  
could get you...

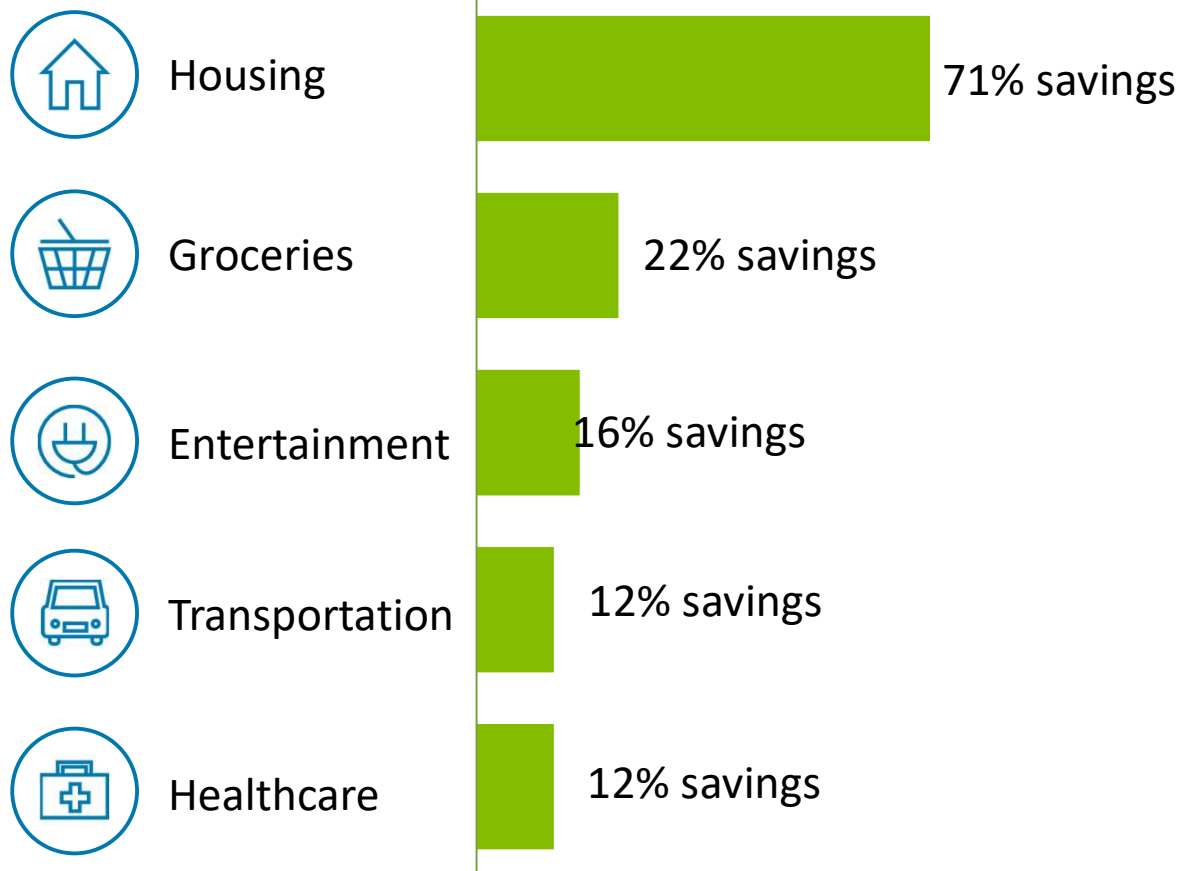
**\$200,000**

purchasing power



## Typical savings moving from Manhattan to Newark

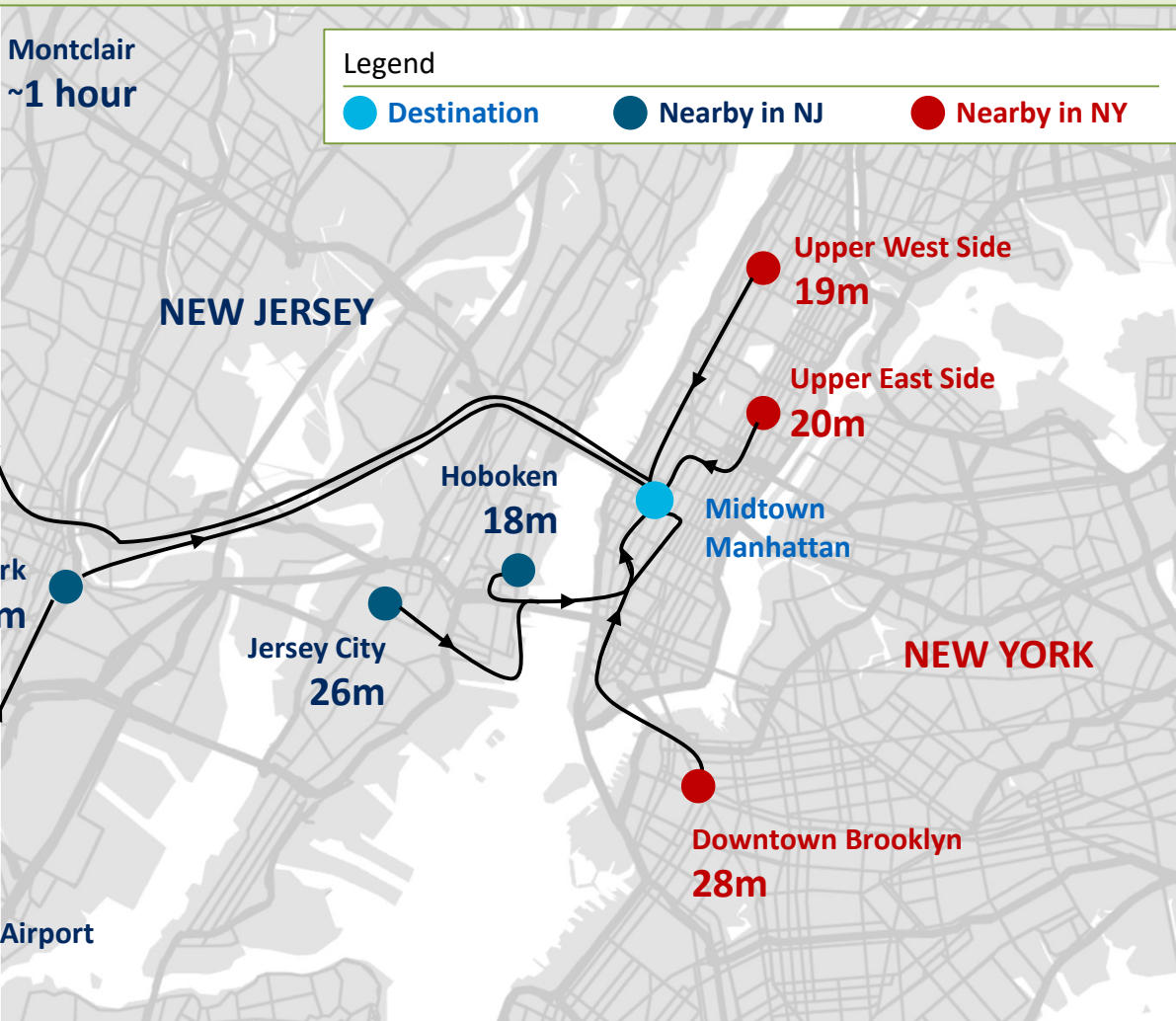
% savings vs. original dollar spend



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

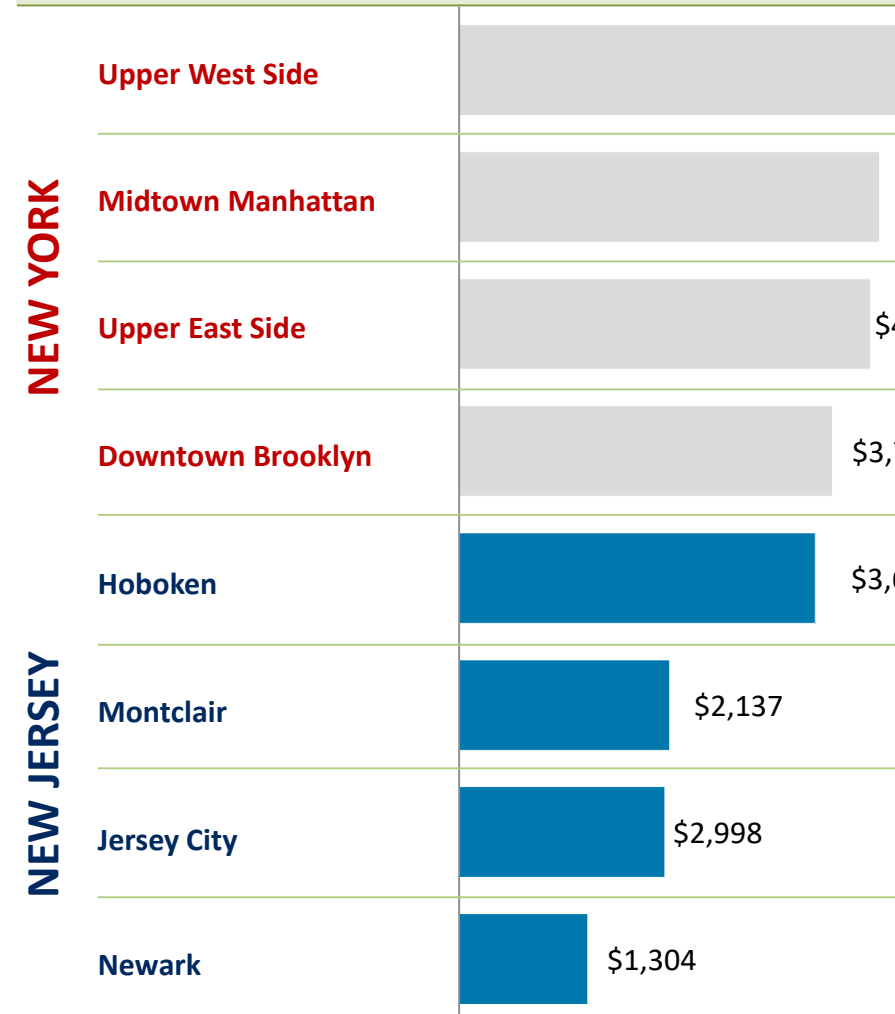
## ess to New York City...

ommute time to Midtown Manhattan (Penn Station), minutes



## ...at New Jersey prices

Average market rent (\$ per month, 2021)



choose:  
newjersey NJ

## Less opportunities for leisure



**130**

Miles of  
Coastline



**130**

Craft  
Breweries



**9,900**

Farms



**256**

Historical Sites  
Memorials



**400+**

Lakes, Pond &  
Reservoirs



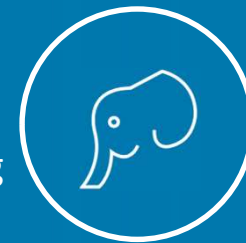
**335**

Golf Courses



**949**

Miles of Hiking



**44**

Zoos,  
Arboretums &  
Gardens



**30**

State Parks



**18**

Theme Parks



**150**

Museums



**3**

Ski Mountains



**10**

Sports Stadiums

## Progressive agenda that helps attract diverse, highly-skilled talent



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

2021

**NEW BRUNSWICK** – Governor Phil Murphy, Rutgers President Jonathan Holloway, Princeton Provost Deborah L. Poff, 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

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.

partner for your business with supports to help at every stage



## GET STARTED

Selected financing programs for young companies



## GET ESTABLISHED

Innovative supports for growth companies



## GROW

Venture funding and loan programs to help companies



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

ve to connect with you!



**Erica Breiterman**

Director, Manufacturing Partnerships

Phone: +1 609-256-3830

Email: [erica.breiterman@njeda.gov](mailto:erica.breiterman@njeda.gov)



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Email: [rfox@choosenj.com](mailto:rfox@choosenj.com)