



UNIVERSITY
OF ILLINOIS
SYSTEM



IIN & DPI PRESENTATION ILLINOIS BOARD OF HIGHER EDUCATION

November 15, 2023

BY THE NUMBERS

STUDENT ENROLLMENT

94,000

STUDENTS GRADUATED
PER YEAR

24,000

OF ALL STUDENTS IN
ILLINOIS

52%

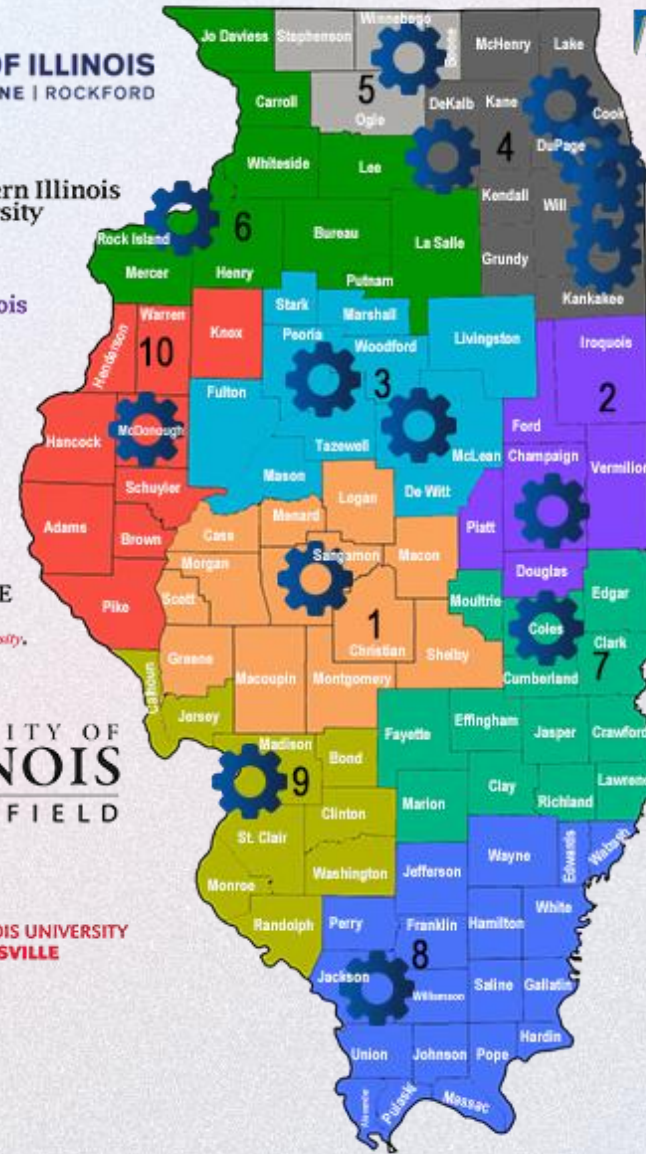
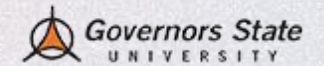
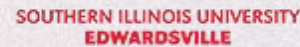
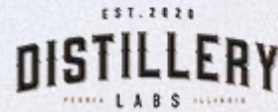
STUDENTS STAY IN
ILLINOIS

74%

TOTAL IMPACT

\$19B

THE ILLINOIS INNOVATION NETWORK



UNIVERSITY OF ILLINOIS SYSTEM

IIN STRATEGIC PLAN

Equity

in its simplest terms as it relates to racial and social justice, means meeting communities where they are and allocating resources and opportunities as needed to create equal outcomes for all community members.

unitedwaynca.org/blog/diversity-equity-inclusion/ - Jan 4, 2022

STATE PLANS AS A GUIDE

STATE OF ILLINOIS WIOA UNIFIED PLAN

- Professional & Business Services
- Manufacturing
- Educational Services
- Financial Activities
- Wholesale Trade
- Healthcare
- Transportation & Warehousing
- Utilities
- Constructions
- Leisure & Hospitality
- Retail Trade
- Information

DCEO-PLAN TO REVITALIZE THE ILLINOIS ECONOMY

- Agribusiness& AgTech
- Energy
- Information Technology
- Life Sciences & Healthcare
- Manufacturing
- Transportation & Logistics

STATE LEGISLATION

- Illinois Clean Energy Jobs Act
- Illinois Works Jobs Program Act
- Reimagining Energy and Vehicles Act
- * and more



DISCOVERY
PARTNERS
INSTITUTE

DPI CREATES EQUITABLE ECONOMIC DEVELOPMENT IN FOUR WAYS:

1

PREPARE
people for in-
demand tech jobs,
starting in high
school through
apprenticeships

2

FUND
applied research &
development teams

3

BUILD
businesses based on
university research

4

CREATE
an innovation and
tech ecosystem on
the 78

DPI IS COMMITTED TO DEVELOP TECH TALENT AT SCALE

1. Creation of tech workforce programs that train underemployed, diverse talent for in-demand, enduring careers in data analytics. These efforts will serve individual workers and our corporate partners. (5,000 participants annually by early 2030s)
2. Implementation of high school and community college programs that build essential skills in math, engineering, computer science, and information sciences (3,000 impacted students annually by early 2030s)
3. Establishment of K-12 teacher training programs that will ensure every school in Illinois has a qualified computer science teacher (1,200 teachers by early 2030s)
4. Development of immersion programs for undergraduate and graduate students that connect diverse students with new learning experiences relevant to tech employers (2000 students annually by early 2030s)

DPI PROGRAMS



Middle & High School

- Digital Explorers
- Discover Computing
- Digital Scholars
- Workshops



Community College

- Digital Bridge
- CS Starter Academy



4-Year + Graduate

- Summer Tech Internships
- Year-Round Fellows
- Professional Masters - in development for 2023-24



Teacher Training

- CS Endorsement (w/UIUC)
- Mobile App Development
- PD Workshops



Apprenticeship

- New pathways for tech
- Today – Full Stack Dev
- Very different from bootcamps
- Expanding into other areas



Upskilling / Online

- Just starting

DPI REACH

Our programs have served more than 1,000 students and 225 teachers last year

We expect to reach 1,250 students in 2023-24 and 7,000 students by early 2030s

75%

Percentage of students to date across all programs have been Black or Latinx.

39%

Percentage of students who have been women or non-binary.

HIGHLIGHTS ACROSS THE IIN

WORKFORCE EDUCATION EXCHANGE (WEX)

Connects education, workforce development, and industry resources to ensure a diverse, skilled, job-ready workforce for in-demand and emerging industries in Illinois.

ILLINOIS BROADBAND LAB

- Strategic Alliance with DCEO, UIUC Extension, IIN, DoIT, Benton Institute
- Statewide Digital Equity Network
 - Broadband READY strategic partnerships and programs
 - Digital Navigators Platform
 - Aligned Digital Literacy and Financial Digital Literacy Curriculum
 - Communities of Practice
- Over 60 Listening Tours - Spring 2023



NTIA CONNECTING MINORITY COMMUNITIES PILOT PROJECT

CORE PARTNERS

Minority Serving Institutions

- Chicago State University
- Northeastern Illinois University
- University of Illinois Chicago

Higher Education Supporting Institutions

- Governors State University
- Northern Illinois University

COMMUNITY PARTNERS

16 organizations and growing, including:

- Chicago Commons
- Chicago Urban League
- City Colleges of Chicago
- Illinois Community College Board
- Latino Policy Forum
- Safer Foundation
- PCs for People

INITIAL TARGET POPULATION

- Long-term Unemployed
- Returning Residents
- Single Parents/Caregivers
- Immigrant & Migrant

SOCIAL INNOVATION IMPACTS

- Train and Connect Household Members in the 31 Most Distressed Chicago Zip Codes
- Employ Community Members and Minority Serving Institutions' Students from Distressed Communities
- Establish Micro-Credential to Validate Work Experience
- Connect Small Businesses to Digital Economy
- Build Community Navigator Platform for Future Statewide Program



DISCUSSION & QUESTIONS