National Benchmarking Conference

Ivy Tech Community College

Rebuilding America's Middle Class

June 19, 2014

IVY TECH COMMUNITY COLLEGE

CHANGING LIVES
MAKING INDIANA GREAT

“Student Loans Exceed One Trillion Dollars”

October 28, 2011

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“The Cost of Higher Education is Going up Faster than Healthcare”

President Obama
White House
December 5, 2011

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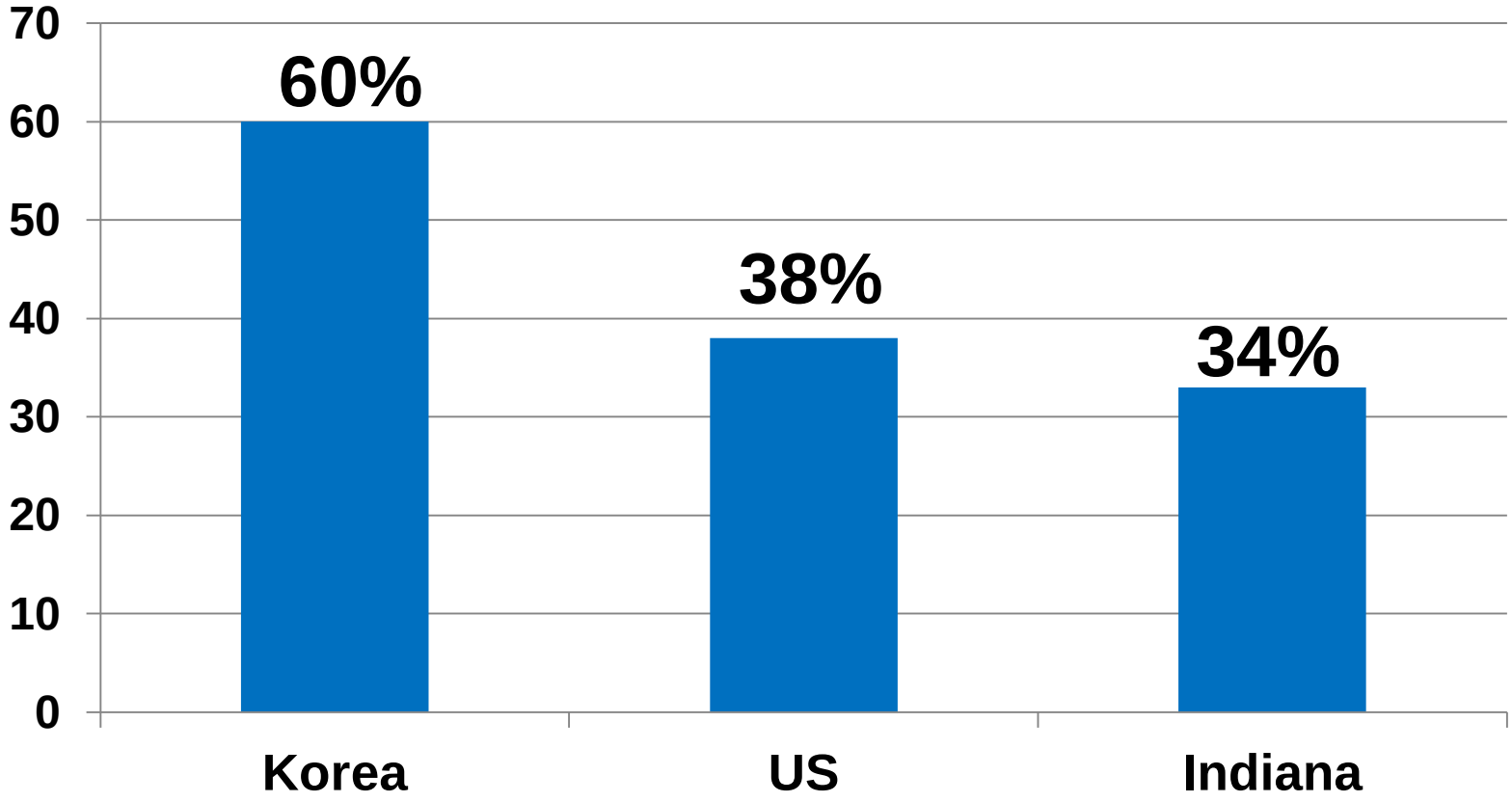
Indiana Numbers



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"The only way to ensure our future is to improve the ways we prepare our citizens for the 21st century workforce."

Jamie Merisotis
President/CEO, Lumina Foundation

“… nothing more than a high school diploma…difficult road to middle class status.”

- Anthony Carnevale, Georgetown University Center on Education and the Workforce

By 2018,
Shortfall of Workers
With Associate Degrees or Better

3 Million

2018 Jobs with Post Secondary

	2018	2010 Attainment
Indiana	55%	33%

College Attainment – Who We Compare To

State	Attainment	Rank	Median	Rank
West Virginia	26.1%	50th	$42,974	42nd
Arkansas	27.9%	49th	$40,553	49th
Louisiana	28.1%	48th	$40,599	48th
Nevada	29.5%	47th	$49,929	25th
Mississippi	29.9%	46rd	$40,227	50th
Kentucky	30.0%	45th	$41,129	46th
Alabama	31.5%	44th	$42,407	43rd
Oklahoma	31.7%	43rd	$46,459	35th
Tennessee	31.9%	42nd	$41,044	47th
New Mexico	33.1%	41st	$44,270	41st
Indiana	**33.2%**	**40th**	**$46,020**	**36th**

Lumina Foundation & 2010 US Census Bureau

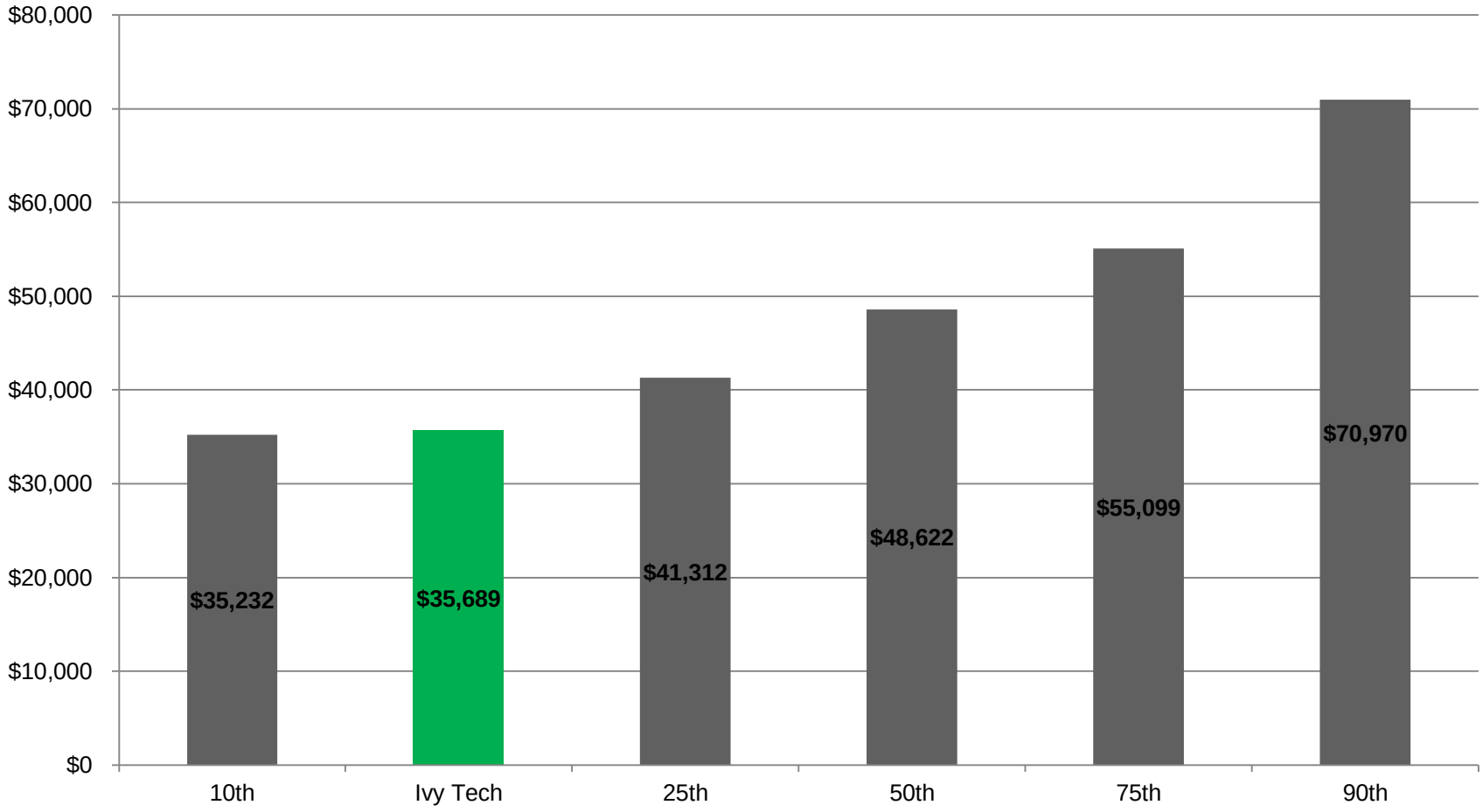
NCCBP Overview

- Began in 2004 to provide community colleges ability to benchmark against peer institutions
- Administered by National Higher Education Benchmarking Institute at Johnson County Community College (Overland Park, KS)
- Includes data on student outcomes, cost, overall institutional effectiveness, and student satisfaction

NCCBP Overview

- 270 participating institutions in 2013
- Largest community college benchmarking project in the country
- Ivy Tech receives an individual report for each region and a statewide report
- Report includes percentile for institutional data as well as 10^{th}, 25^{th}, 50^{th}, 75^{th}, and 90^{th} percentiles of all participating institutions

Service Area Median Household Income



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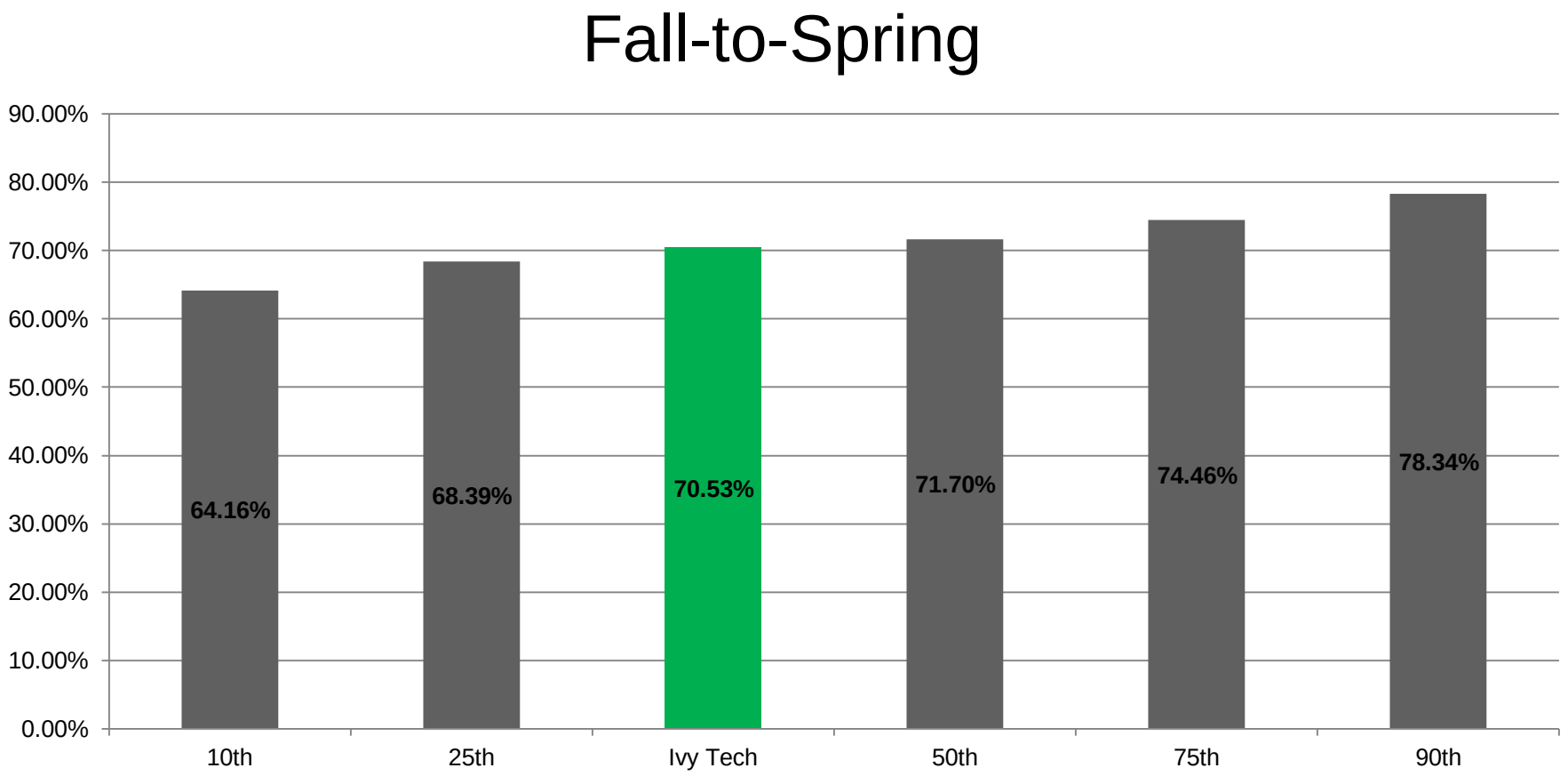
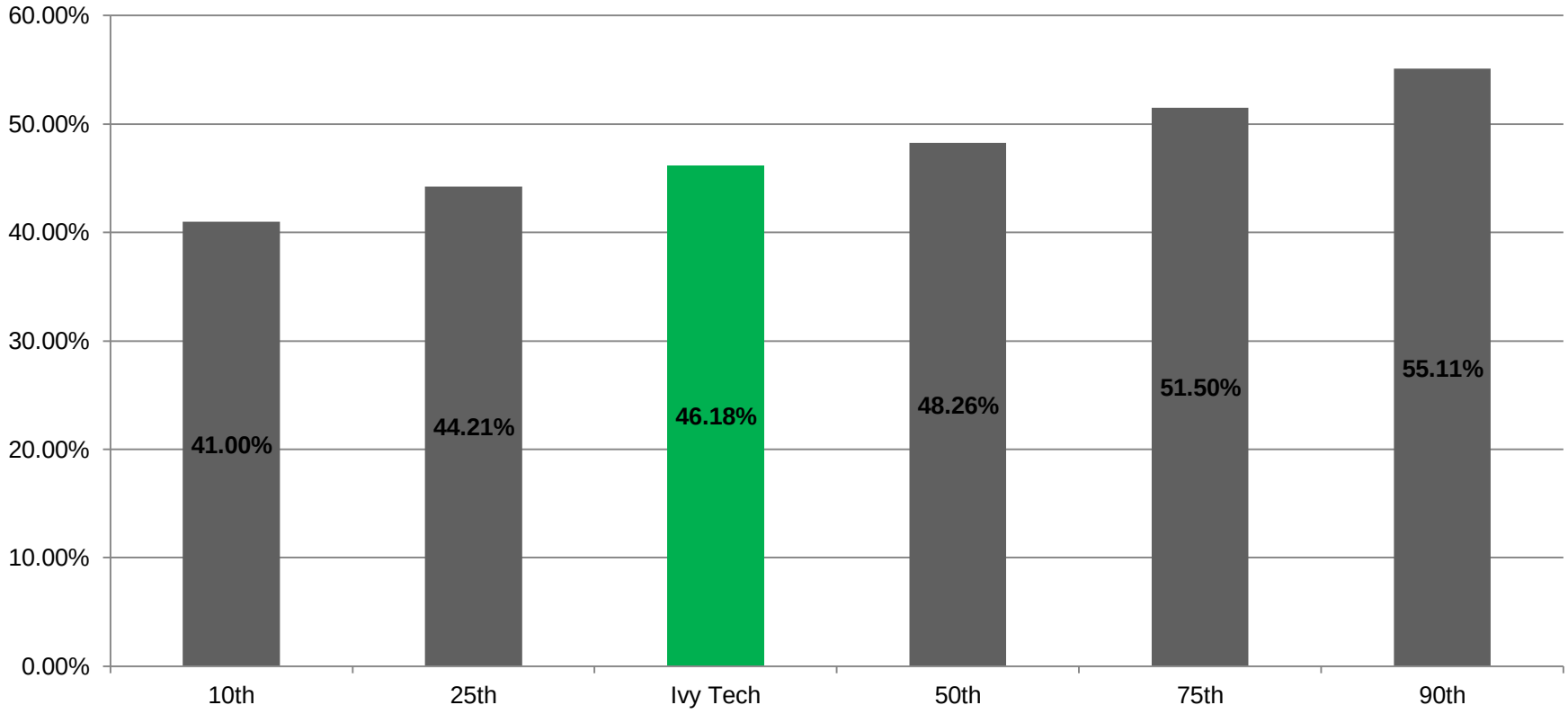
Persistence of Credit Seeking Students



Persistence of Credit Seeking Students

Fall-to-Fall



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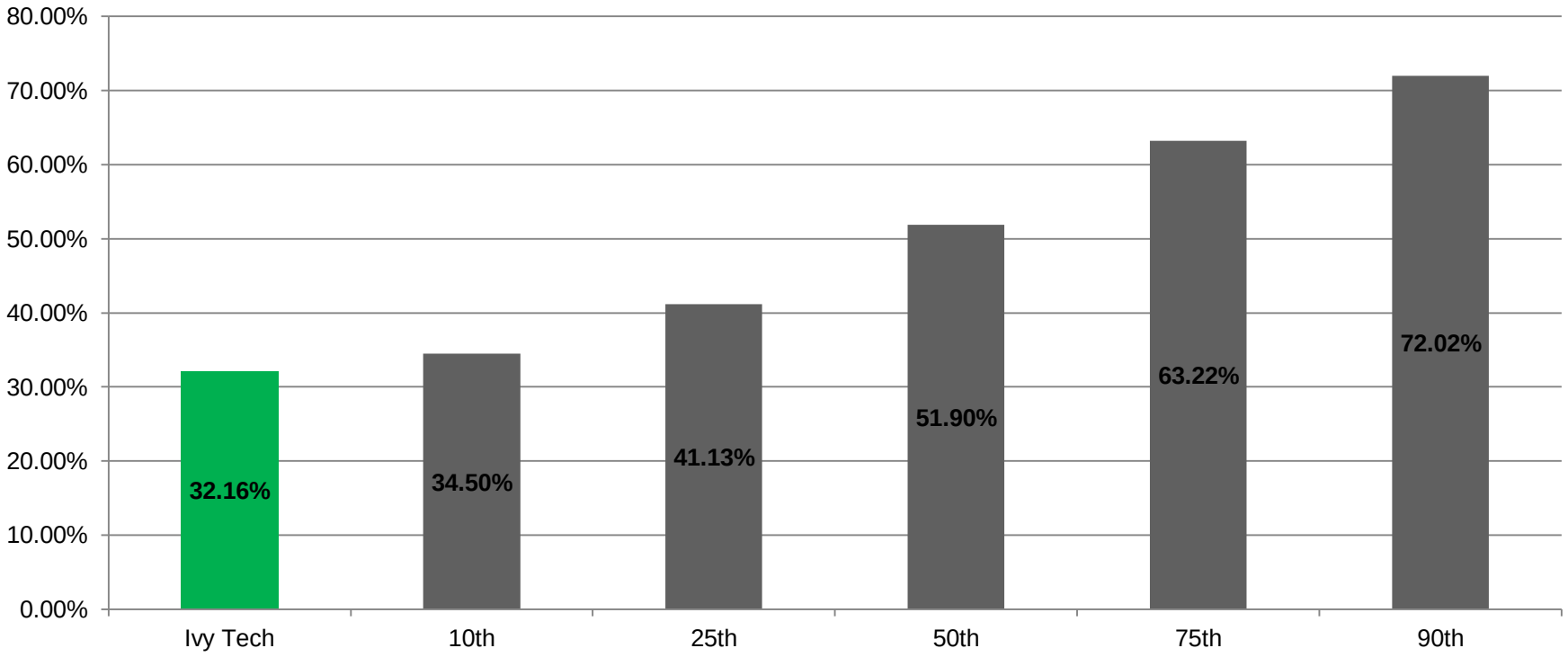
% of Credit Hours Taught by Full-time and Part-time Faculty

Full-time Faculty



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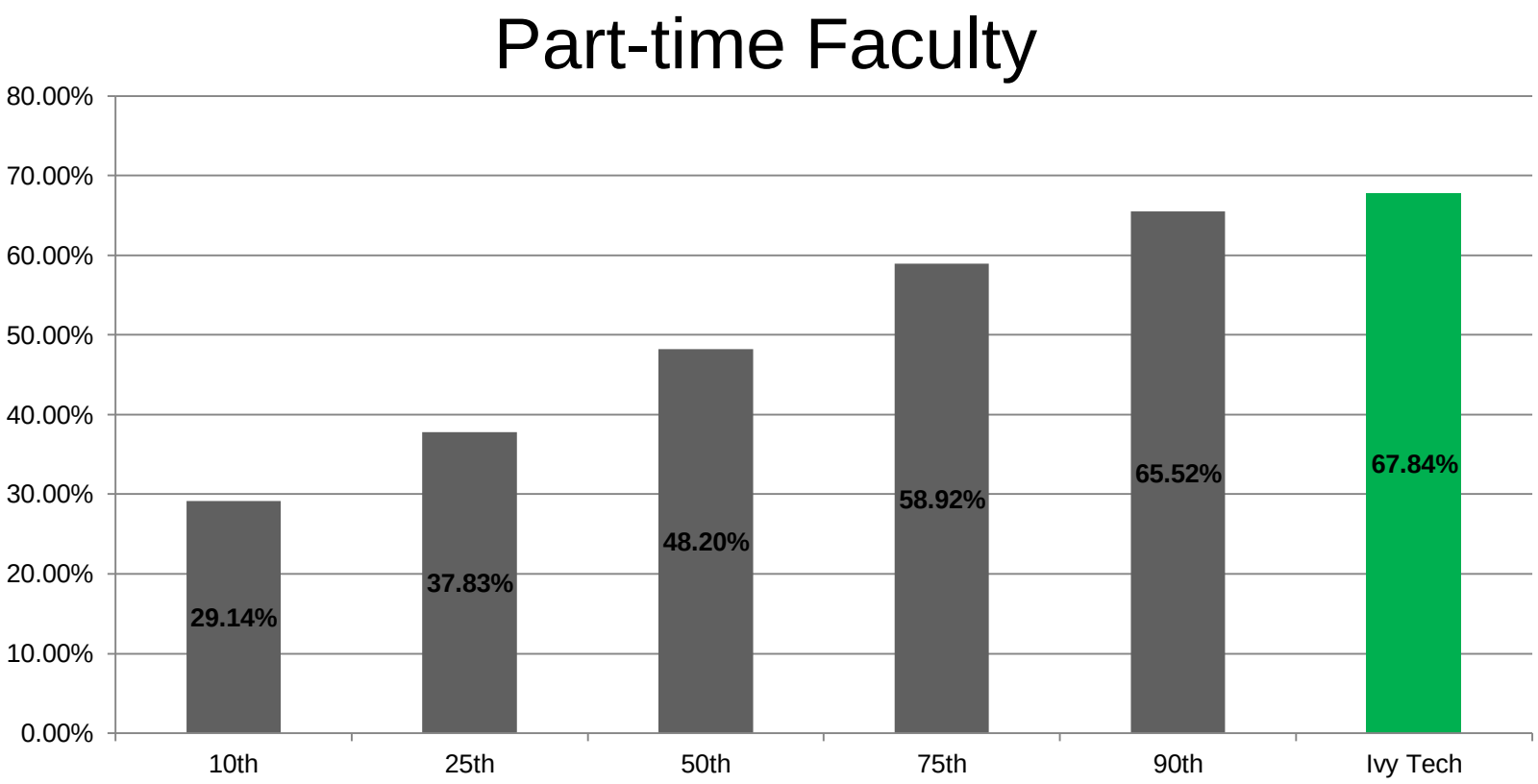

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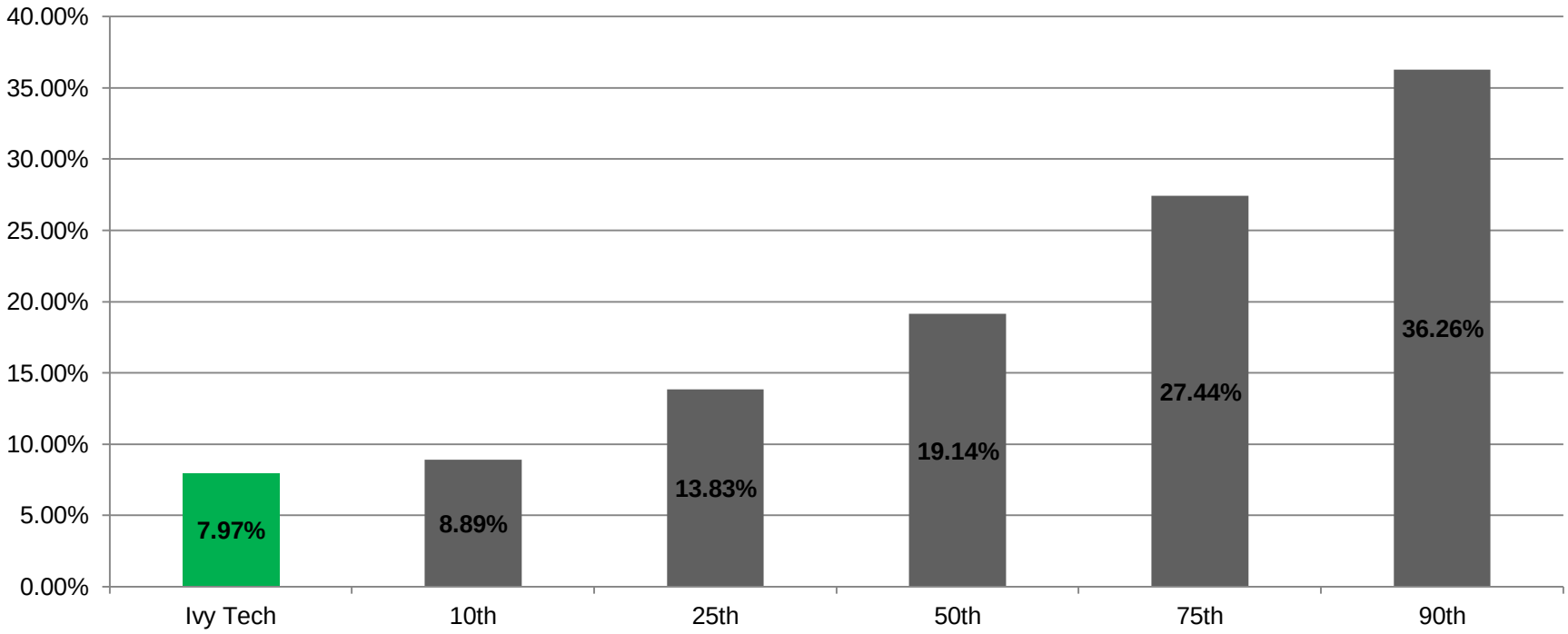
% Completing in 3 Years

Full-time, First-time



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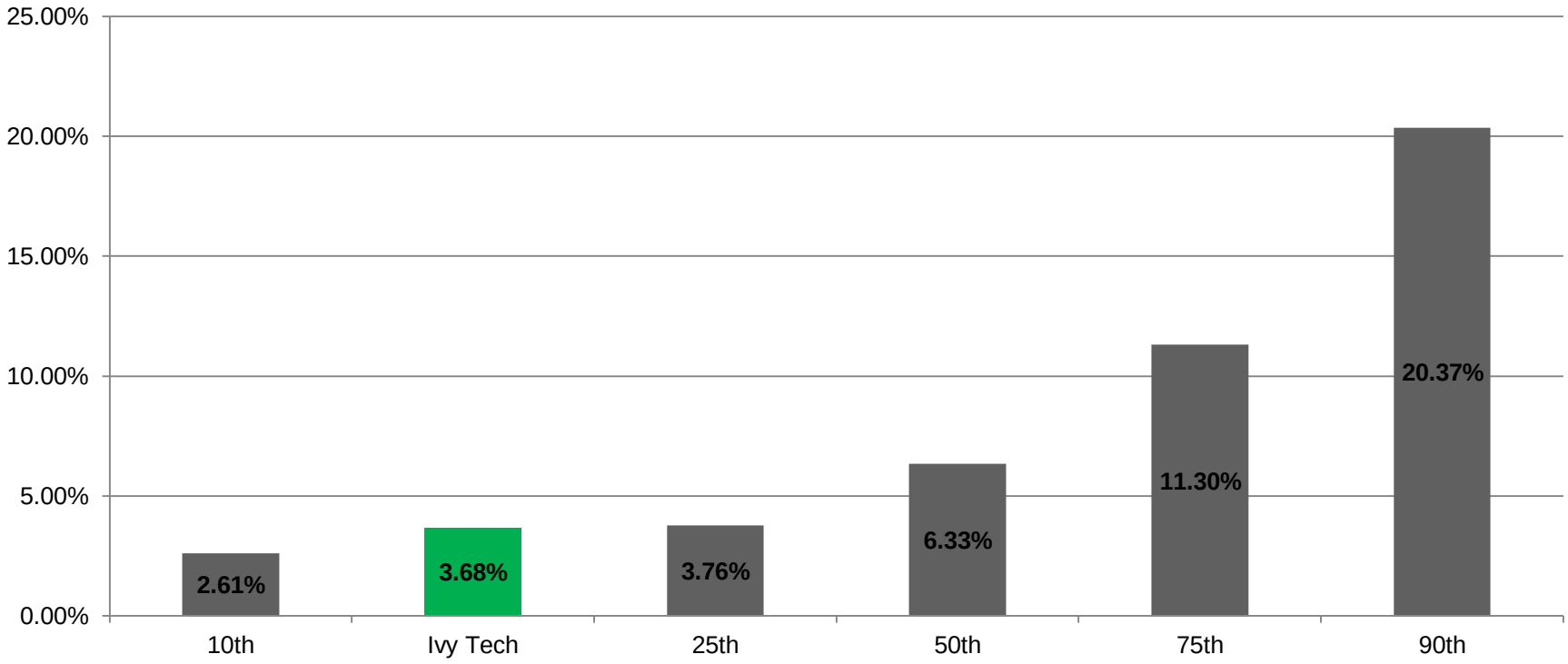
% Completing in 3 Years

Part-time, First-time



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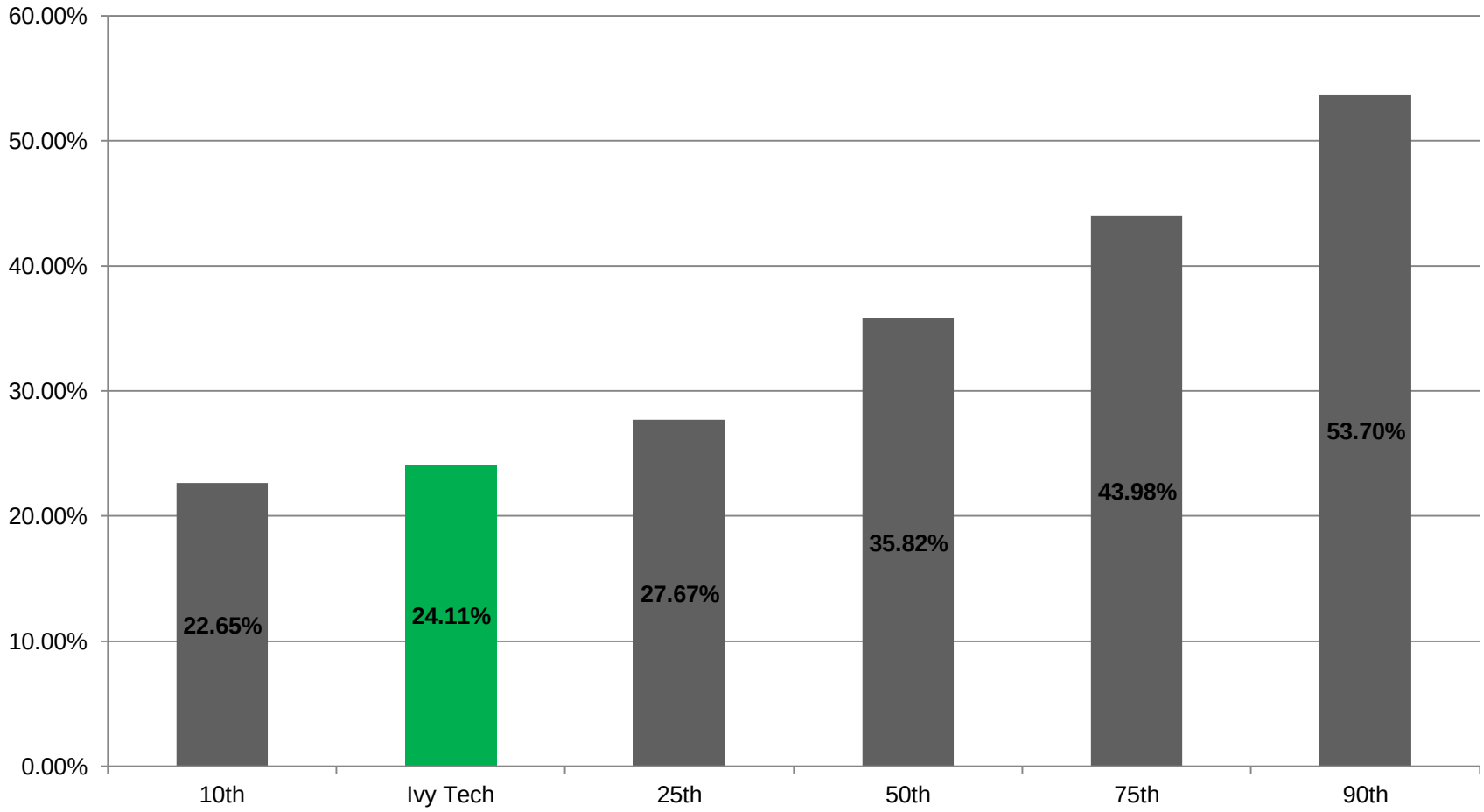
% Completed of Transferred in 3 Years



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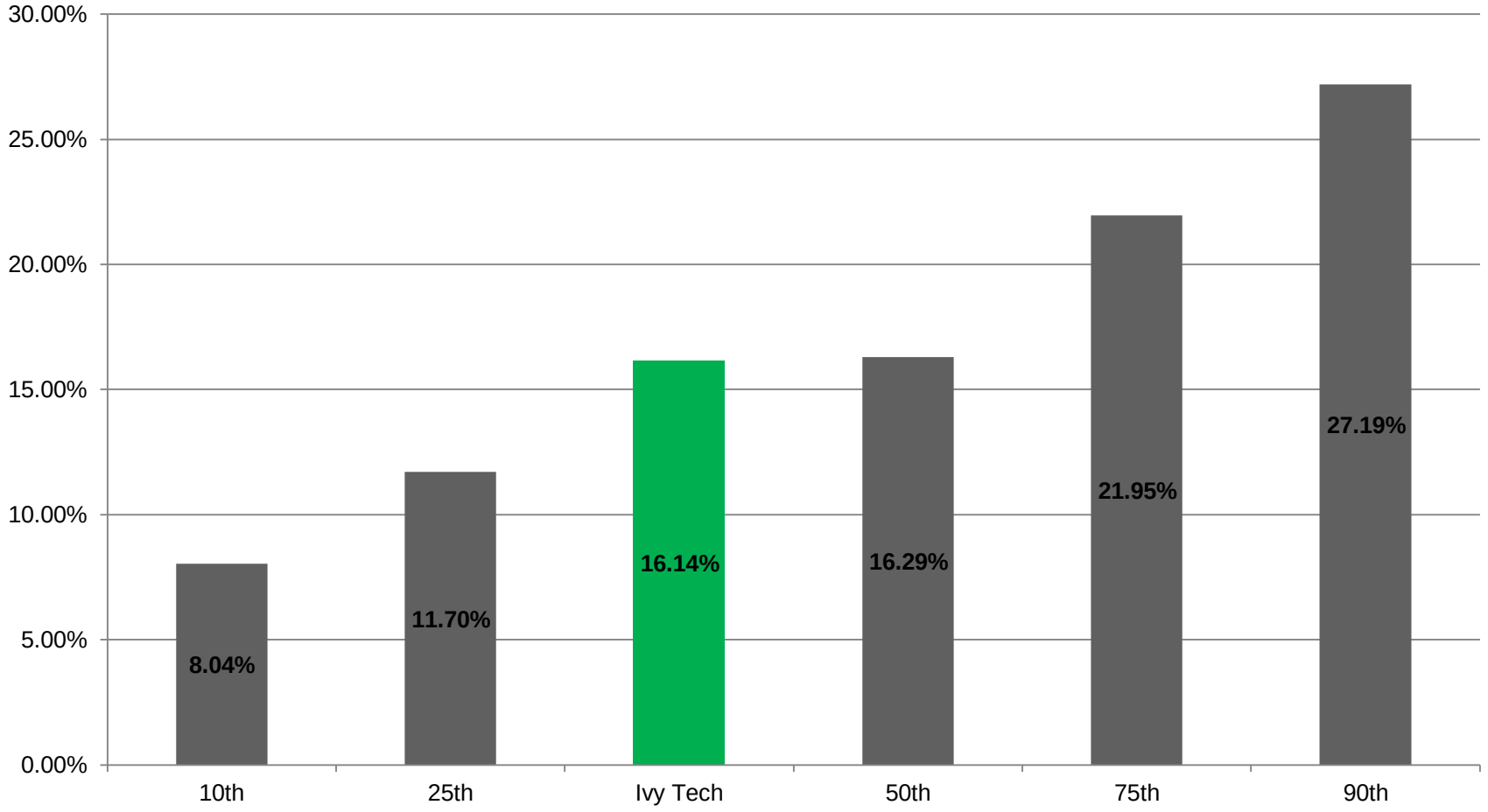
% Transferred in 3 Years



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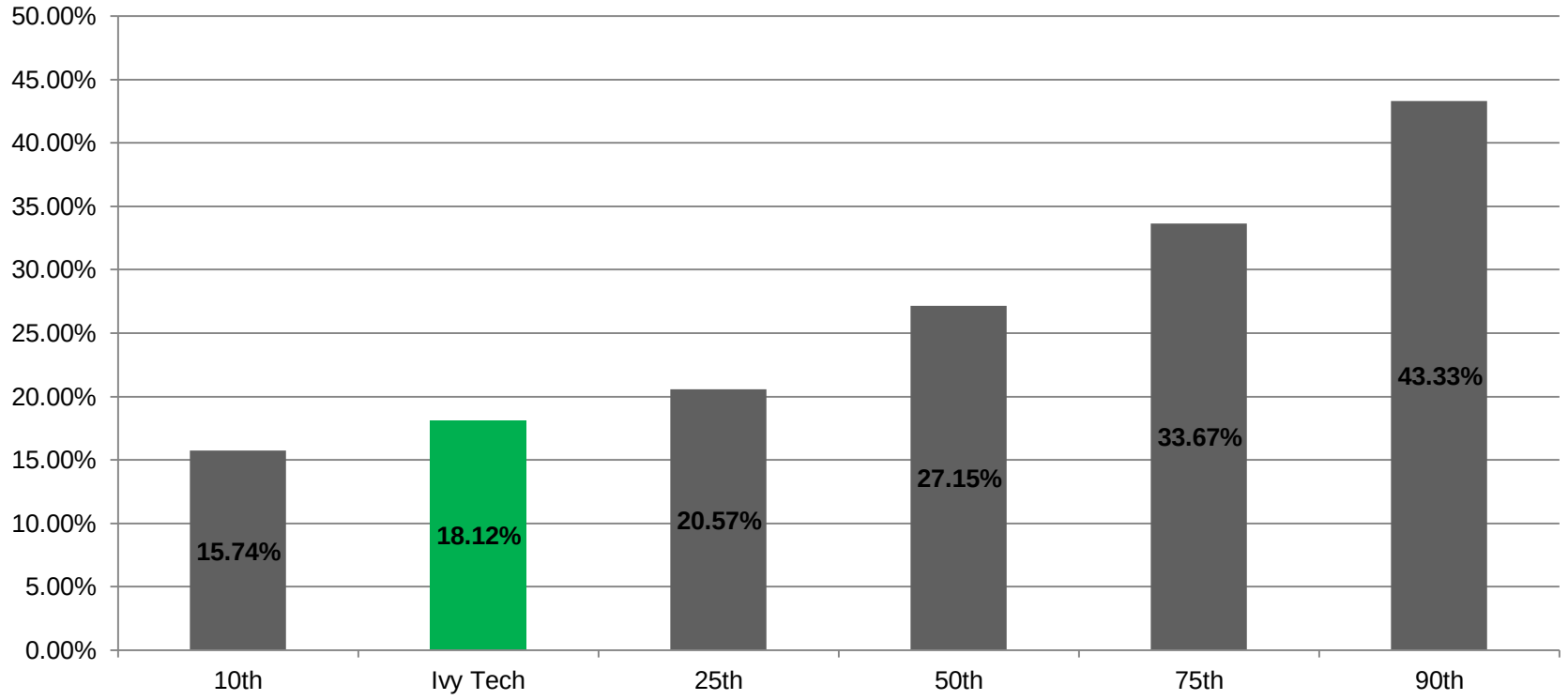
% Completed in 6 Years

Full-time, First-time



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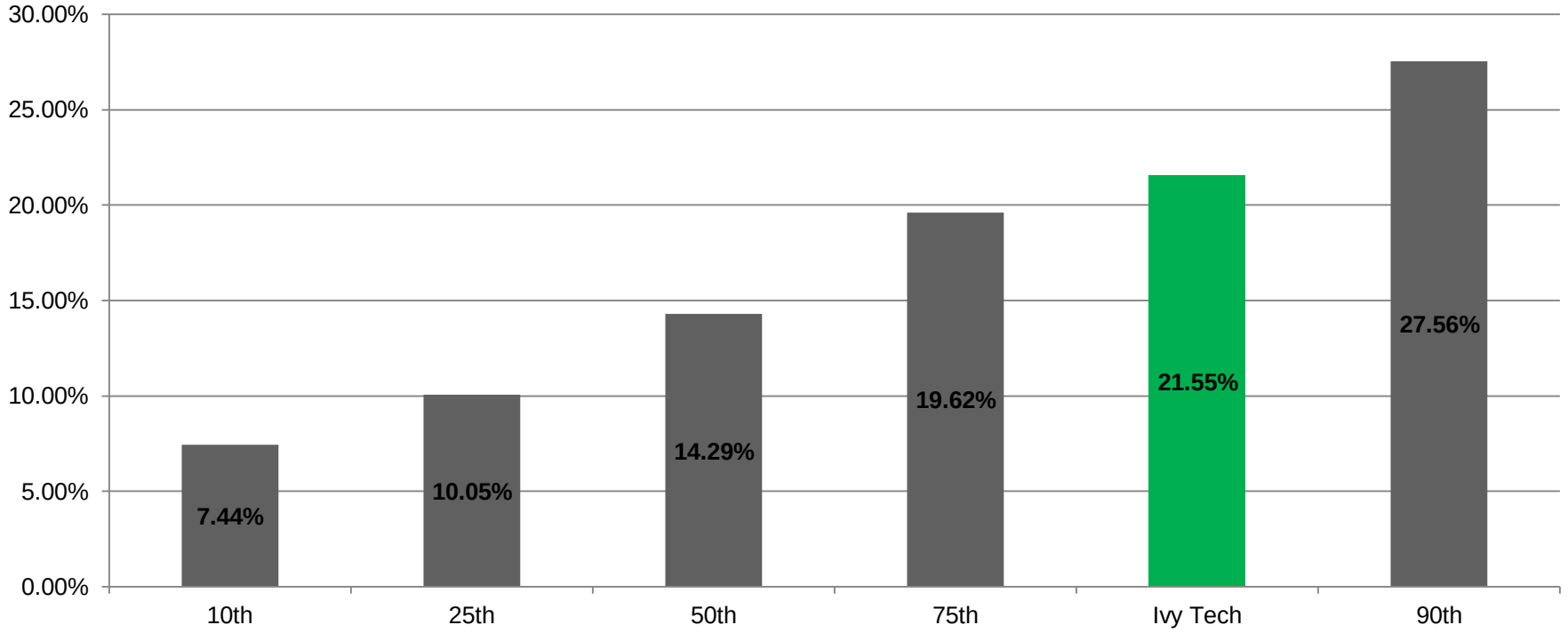

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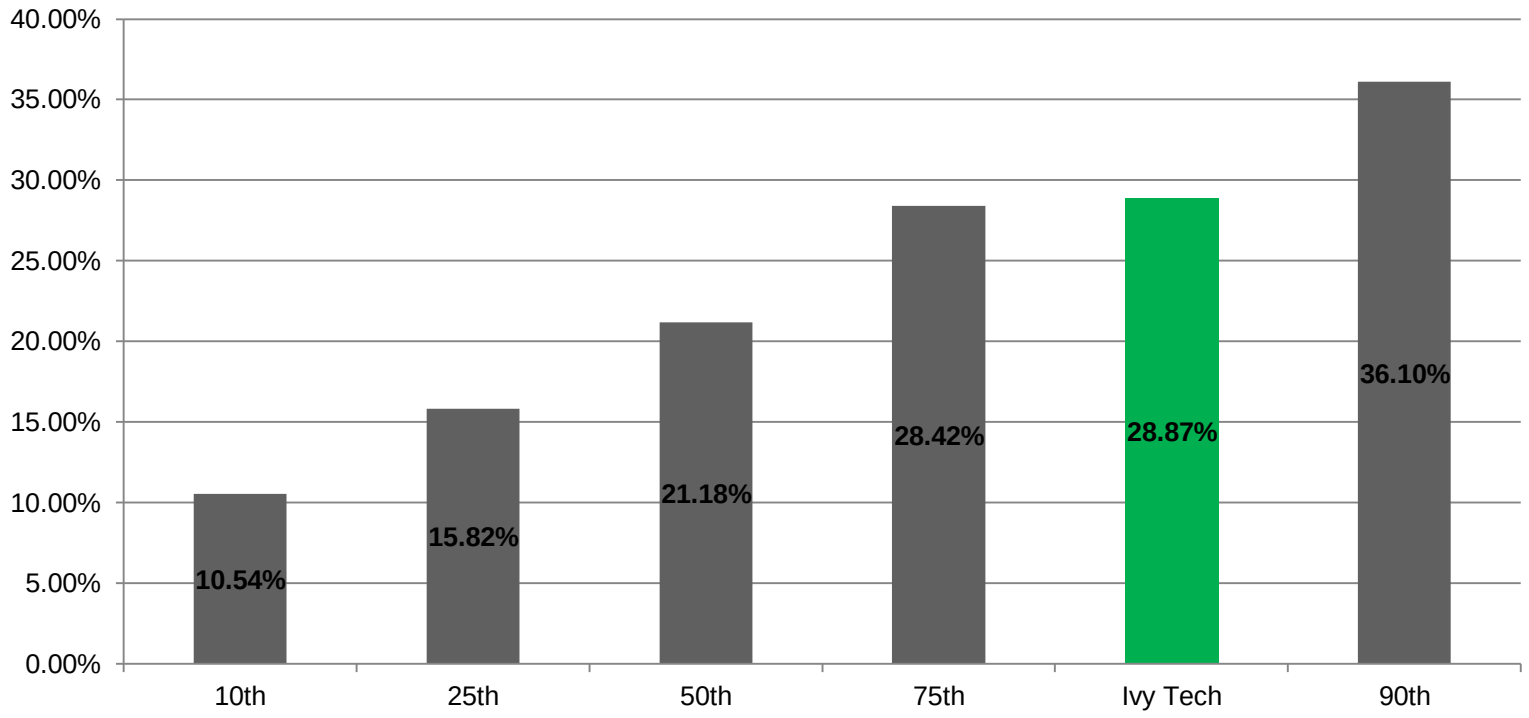

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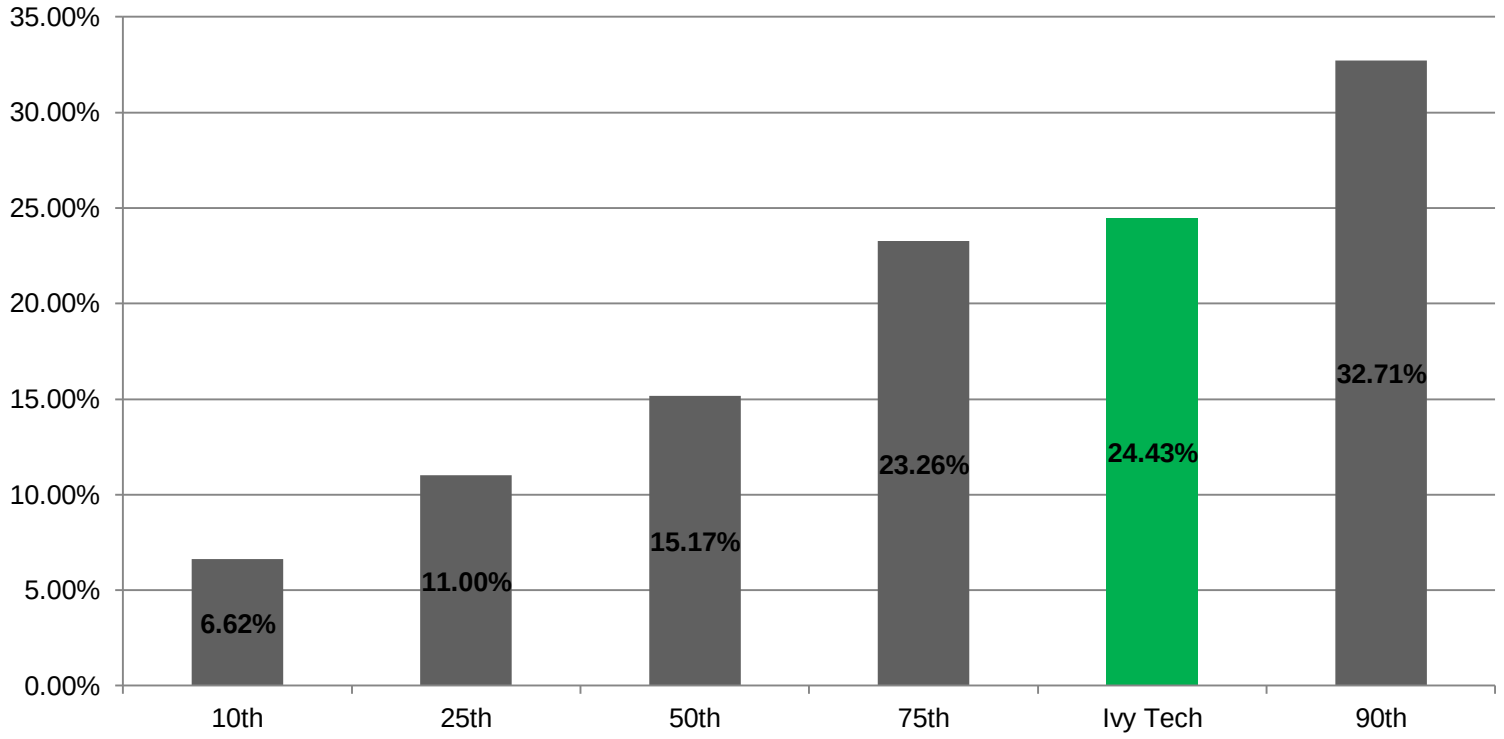
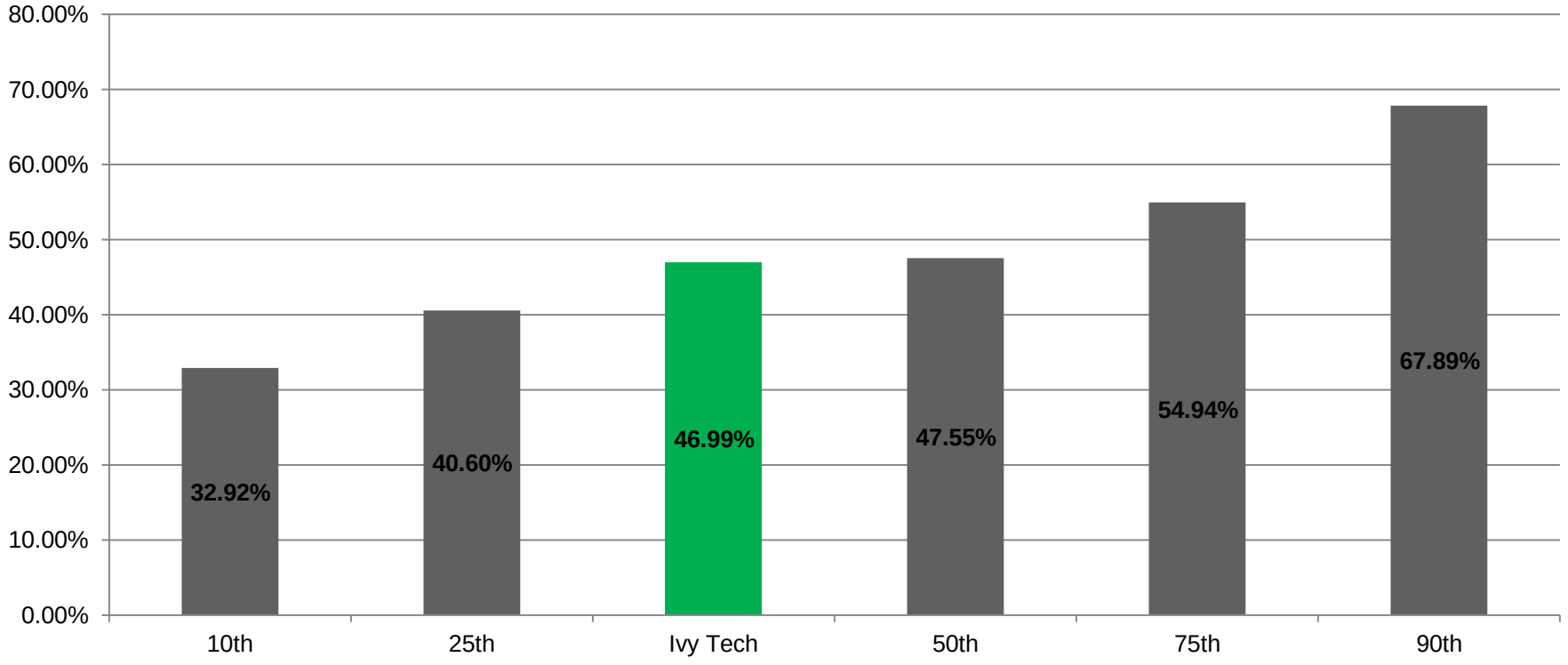
% Transferred in 6 Years

Part-time, First-time



% Completed or Transferred in 6 Years

Full-time, First-time



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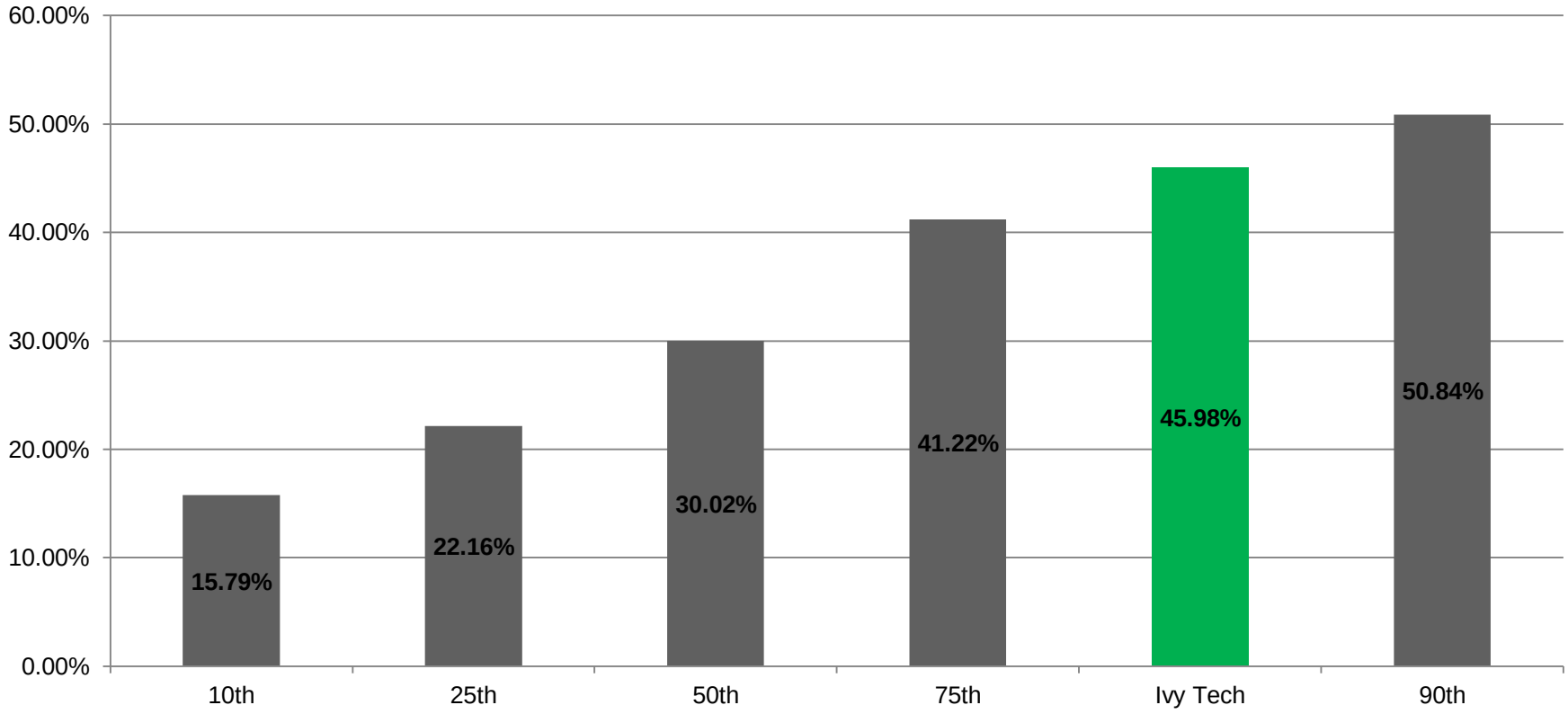

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National Leader

"Ivy Tech is implementing more cutting edge, national best practice initiatives than any community college in the nation."

Complete College America

Former and Redesigned States

Assessment

Former state

Single indicator, lacking in predictive validity

Redesigned state

ACCUPLACER customized diagnostic, identifying specific competencies requiring remediation; placement by high school gpa

Former and Redesigned States

Remediation

Former state

Narrow focus, not aligned well with skills required in programs of study; too many steps in sequence providing opportunities to drop-out

Redesigned state

Sequence shortened and unique developmental courses designed to support each pathway; co-rec model and/or accelerated model

Gateway Courses

Former state

Algebra-centric regardless of math competencies required for program of study; focus on preparing students for future transfer

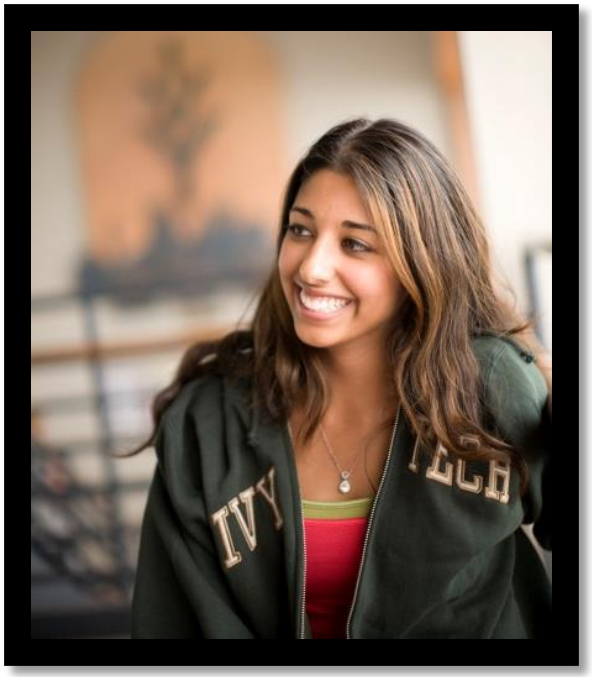
Redesigned state

Gateway math courses aligned with competencies required to support learning and workforce needs in chosen program of study

University System of Georgia, Mathematics Task Force

"College algebra was designed explicitly to meet the needs of students who are preparing to take pre-calculus and calculus." (July 2013)

Expected Outcomes



Identify math pathways appropriate for Ivy Tech Community College applied and transfer curriculum.

Our National Best Practice Efforts

- ✓ New **curriculum pathways** to success
  - ✓ Both part-time and full-time
  - ✓ Both including remediation and college-ready
- ✓ New **division structure** keeping students **on track** – **less** choices
  - ✓ Health Science
  - ✓ Business & Public Service
  - ✓ Technology & Applied Sciences
  - ✓ University/Transfer
- ✓ First in the nation to **redesign** college mathematics
- ✓ New remediation using **co-requisite** models

Our National Best Practice Efforts

- ✓ **ASAP** – one year to an associate degree
- ✓ **Elimination** of unnecessary **prerequisite** courses
- ✓ Intrusive advising about **career tracks** based on **student ability** and interest
- ✓ **Ivy Institute** – earn technical certificate in 40 weeks of instruction with block scheduling
- ✓ National leader in high school **dual credit** – saving Hoosiers over **$20M** a year

Accelerated Associate Program

- **One** year associate degree program
- Cohort-based program with **block** scheduling
- **75%** of ASAP students earn a degree in the first year
- **89%** of ASAP students earn a degree two years
- **88%** of ASAP students transfer to a four-year institution

THE WALL STREET JOURNAL.

U.S. NEWS

Derrick Johnson, right, talks to Jeffrey Jourdan, head of a program in Indiana that helps students financially as they work on their degrees.

College Makes Studying Pay

Program Supports Students Through Associate's Degrees, Bus Fare Often Included

By Caroline Porter

INDIANAPOLIS—The typical community-college student works at least part time while attending classes and often doesn't complete a degree even after three years, according to the U.S. Education Department.

Derrick Johnson is on a different track. The 19-year-old first-year student from a low-income neighborhood of Indianapolis received a scholarship for spending six hours in class each day and another six hours a day studying with classmates. He has pledged not to work during the week. His scholarship, besides tuition and fees, also helps cover expenses, such as some food and transportation costs. Best of all, he expects to earn an associate's degree by May, within one year.

Mr. Johnson sleeps on a couch at his dad's house and rises at 5 a.m. He then rides two buses for about an hour to get to school each day by 7 a.m., and usually leaves campus by 7 p.m. His weekdays consist of little

Students in the ASAP program commit to attending class, studying together and not working on weekdays.

Fast Track

Roughly 70% of students at Ivy Tech's ASAP program earn an associate's degree in 12 months.

Note: Nationally, about 31% of students earn degrees at two-year schools within three years, according to the Education Department. Source: Ivy Tech officials

The Wall Street Journal

place and that was not designed for them," he said.

Yet some backers question how widely the program can be applied because of its high cost and

than they get now to complement foundational support.

Officials recruit ASAP students—most of whom qualify for federal and state grants that

grams exist but none come with such a comprehensive support package in a one-year time frame.

But education experts and of-

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National Best Practice Meta-Majors

University and Transfer Division

Math 123- Quantitative Reasoning

Criminal Justice
Early Childhood Education
Education (or MATH 135)
Fine Arts
General Education Transfer Core (or MATH 135 /136)
General Studies
Homeland Security /Public Safety
Human Services
Liberal Arts AA
Library Technical Assistant
Paralegal Studies
Professional Communication
Visual Communications++

Math 135-Finite Math

Accounting
Business Administration
Liberal Arts AS

Math 136- College Algebra

Agriculture AS
Biotechnology++
Building Construction Management++
Cyber Security/Information Assurance
Database Management & Administration ++
Electrical Engineering Technology
Engineering Technology++
Hospitality Administration++
Informatics AS
Mechanical Engineering Technology++
Nanotechnology++
Software Development ++ AS
Supply Chain Management/Logistics

Math 211- Calculus

Computer Science
Pre-Engineering

National Best Practice Meta-Majors

Health Division

No math required

Dental Assisting+
Practical Nursing+

Math 123-Quantitative Reasoning

Dental Hygiene+
Health Care Support++
Health Information Technology+
Medical Assisting++
Medical Laboratory Technology+
Neurodiagnostic Technology+
Paramedic Science+
Respiratory Care+
Surgical Technology+
Therapeutic Massage++

Math 135-Finite Math

Nursing (or Math 136) +
Kinesiology++

Math 136- College Algebra

Imaging Sciences+
Physical Therapist Assistant+
Radiation Therapy+

National Best Practice Meta-Majors

Technology and Applied Sciences Division

MATH 122-Technical Mathematics

Advanced Manufacturing++
Automotive Technology++
Aviation Technology++
Building Construction Management++
Construction Technology++
Design Technology++
Energy Technology++
HVAC++
Industrial Apprenticeship+
Industrial Technology++
Energy Technology++
Machine Tool Technology++
Manufacturing Production and Operations

Math 123-Quantitative Reasoning

Agriculture AAS
Database Management/Admin ++
Informatics
Information Technology Support ++
Network Infrastructure++
Server Administration ++
Software Development ++

Math 136-College Algebra

Biotechnology++
Chemical Technology++
Cyber Security/Information Assurance ++

Math 137-Trigonometry

Electronics and Computer Technology++

National Best Practice Meta-Majors

Business & public services Division

Math 123

Accounting
Business Administration
Criminal Justice
Early Childhood Education
Environmental Design++
Homeland Security /Public Safety
Hospitality Administration++
Human Services
Mortuary Science+
Office Administration++
Paralegal Studies
Visual Communications++

The Big Goal – How We Get There

- ✓ In 2008 Indiana Chamber/Joyce Foundation reported 651,609 adults under prepared.
- ✓ In 2010, 33.2% of Indiana adults ages 25-64 held at least a two-year degree.
- ✓ By 2025 an estimated 40.8% of the 25-64 adult population will hold a two-year degree or higher.
- ✓ At current investment levels the state will have a gap of 19.2% adults with degrees and the goal of 60%.

The Big Goal – Ivy Tech's Role

- ✓ Reports show 80 percent of the jobs of the future will require a sub baccalaureate degree/credential.
- ✓ State of Indiana goal is to double the number of degrees to 120,000 by 2025.
- ✓ 75% of those 60,000 additional degrees need to be associate degrees.
- ✓ **To reach this goal, the state must invest in and partner with Ivy Tech for us to award approximately 53,000 degrees in 2025.**

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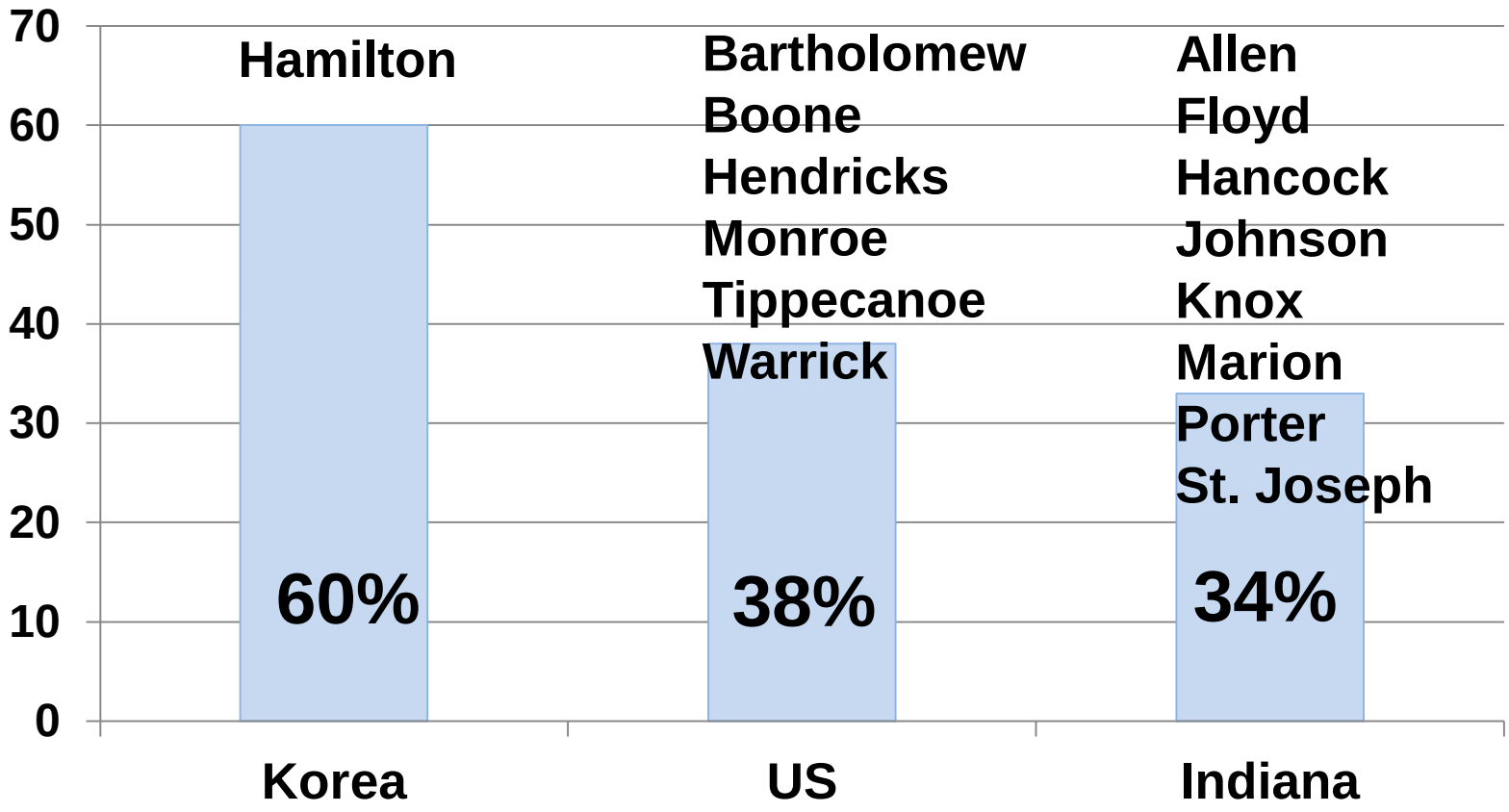
How the State/Ivy Tech Get There

- ✓ Improve **advising** ratio
  - current ratio 1,200 to 1
  - goal 500 to 1
- ✓ Improve **full-time faculty** percentages
  - current percentage 28%
  - goal 50%
- ✓ Bring **ASAP** to scale statewide
- ✓ Bring **Ivy Institute** to scale in additional markets
- ✓ Develop state-of-the-art **manufacturing** centers in various markets
- ✓ Own the highest graduation/transfer **success** rate in the nation
- ✓ Be a national leader in **on time** graduation for full-time students

77 Counties Below Indiana Average



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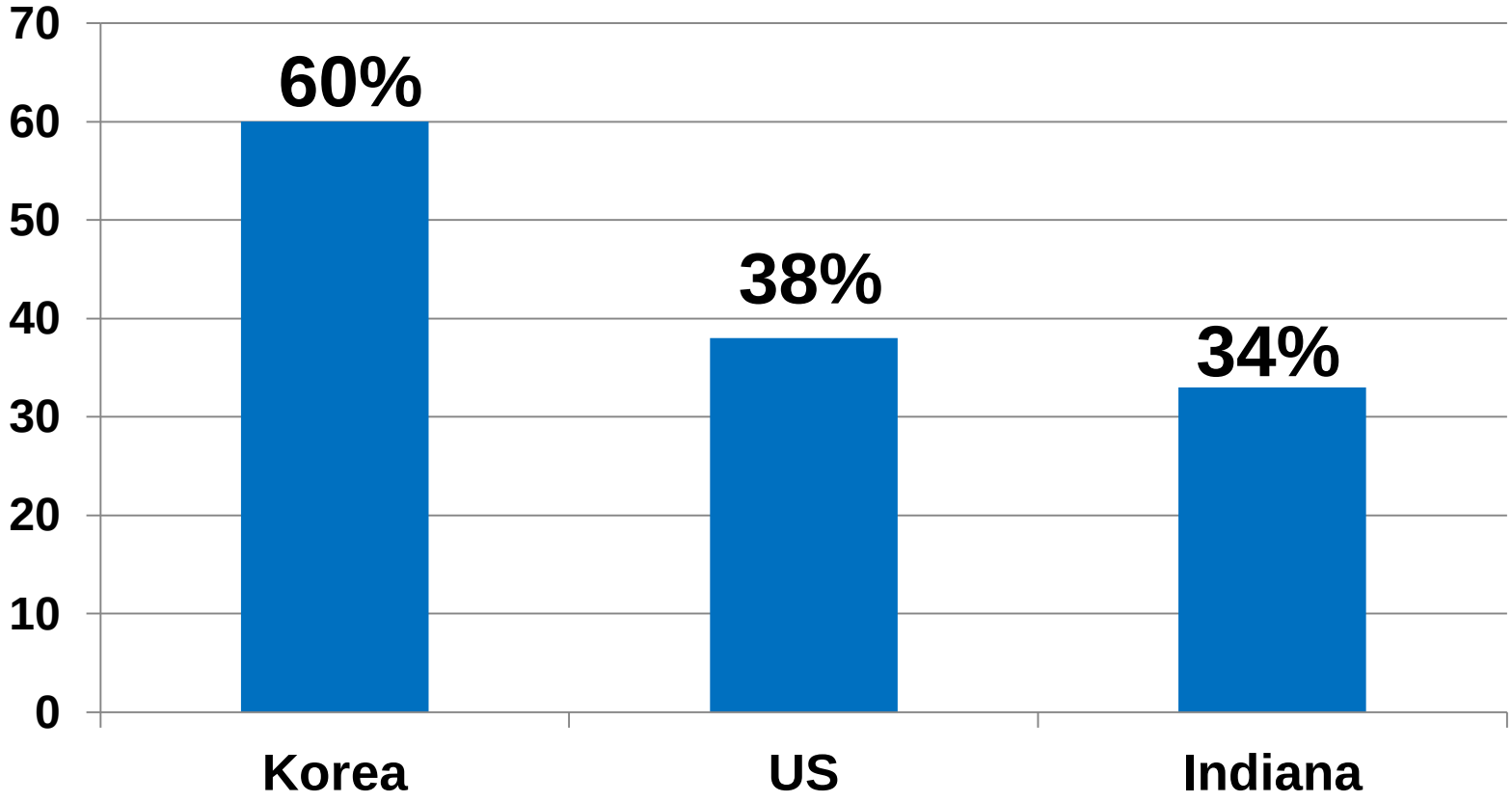

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