

# **Educational Outcomes of I-BEST: Findings from a Multivariate Analysis**

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# I-BEST: Integrated Basic Education and Skills Training

- Basic skills education typically precedes career-technical training
- Few students make the transition
- I-BEST: integrates teaching of basic skills and technical content, with aim of accelerating the transition

# Top I-BEST Programs by Enrollment, 2006-07

1. Microcomputer Applications
2. Early Childhood Education
3. Nurse's Aide
4. Automotive Mechanics
5. Welding
6. Medical Assistant
7. Criminal Justice/Law Enforcement
8. Home Health Aide
9. Nurse
10. Medical Office Management

# Comparison Groups

	<b>I-BEST</b>	<b>Non-I-Best Basic Skills Workforce</b>	<b>Non-I-BEST Basic Skills</b>
N	896	1,356	30,182
ABE-GED student	69%	66%	36%
ESL student	31%	33%	63%
Mean age	32.5	31.9	32.3
Female	65%	69%	61%
Hispanic	18%	21%	38%
Black, non-Hispanic	12%	6%	7%
Asian/Pacific Islander	12%	12%	15%
Single w/ dependent	22%	23%	14%
Married w/ dependent	28%	24%	27%

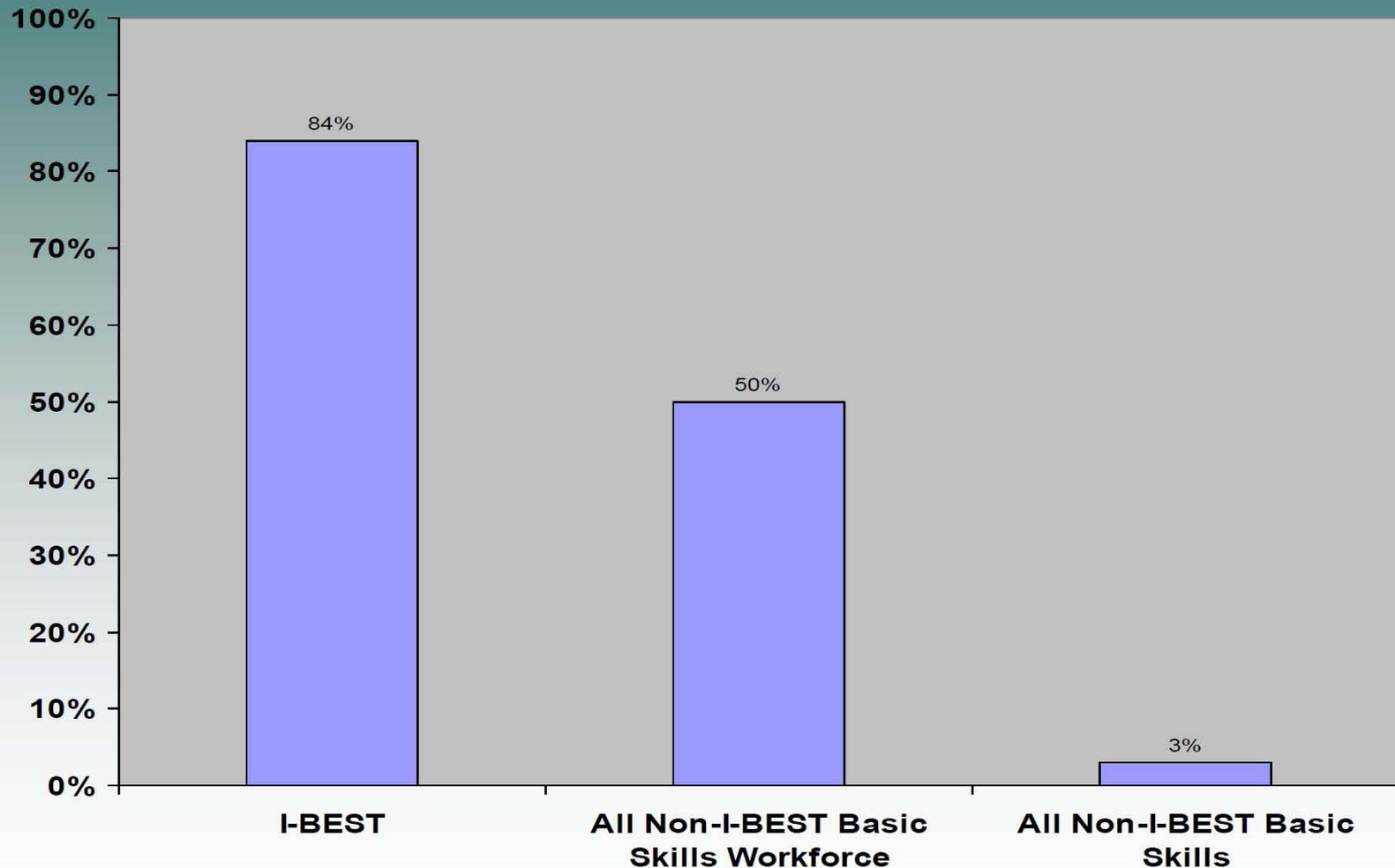
# Comparison Groups (Continued)

	<b>I-BEST</b>	<b>Non-I-BEST Basic Skills Workforce</b>	<b>Non-I-BEST Basic Skills</b>
Disabled student	7%	11%	4%
Intent is vocational	72%	48%	23%
Intent is academic	7%	20%	9%
Received financial aid	26%	14%	2%
Enrolled full-time	67%	49%	32%
Mean prior credits	13.9	8.8	0.9
Mean prior voc. credits	9.1	5.8	0.6
GED	13%	10%	4%
High school grad.	27%	26%	17%

# Multivariate Model Controls

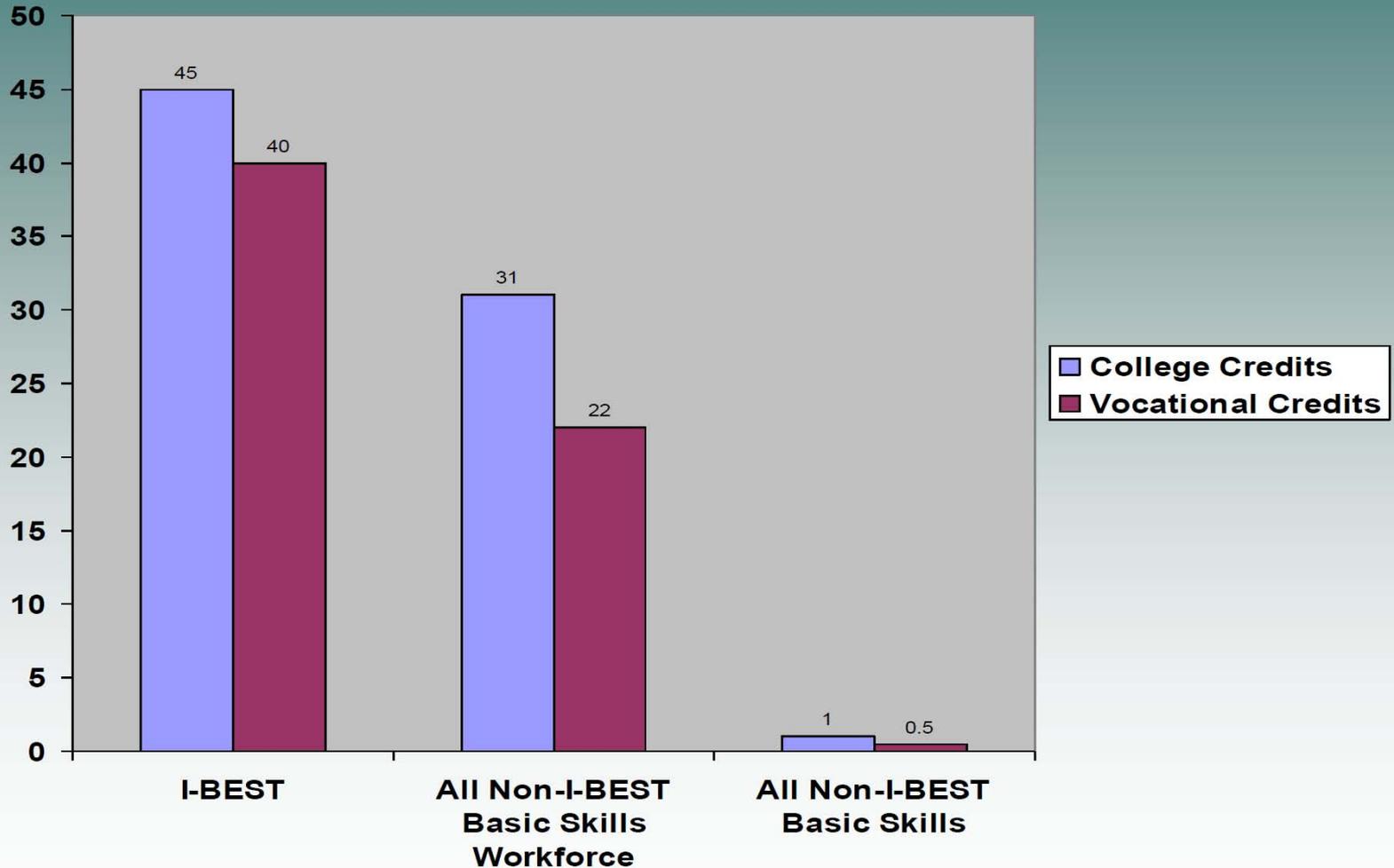
- Age
- Sex
- Race/Ethnicity
- Family structure
- Disability
- Academic/Vocational Intent
- Received Financial Aid
- Estimated SES
- Full-Time Status
- Quarter of First Enrollment
- Previous college credits
- Previous level of education

# Regression-Adjusted Probability of Earning College Credit



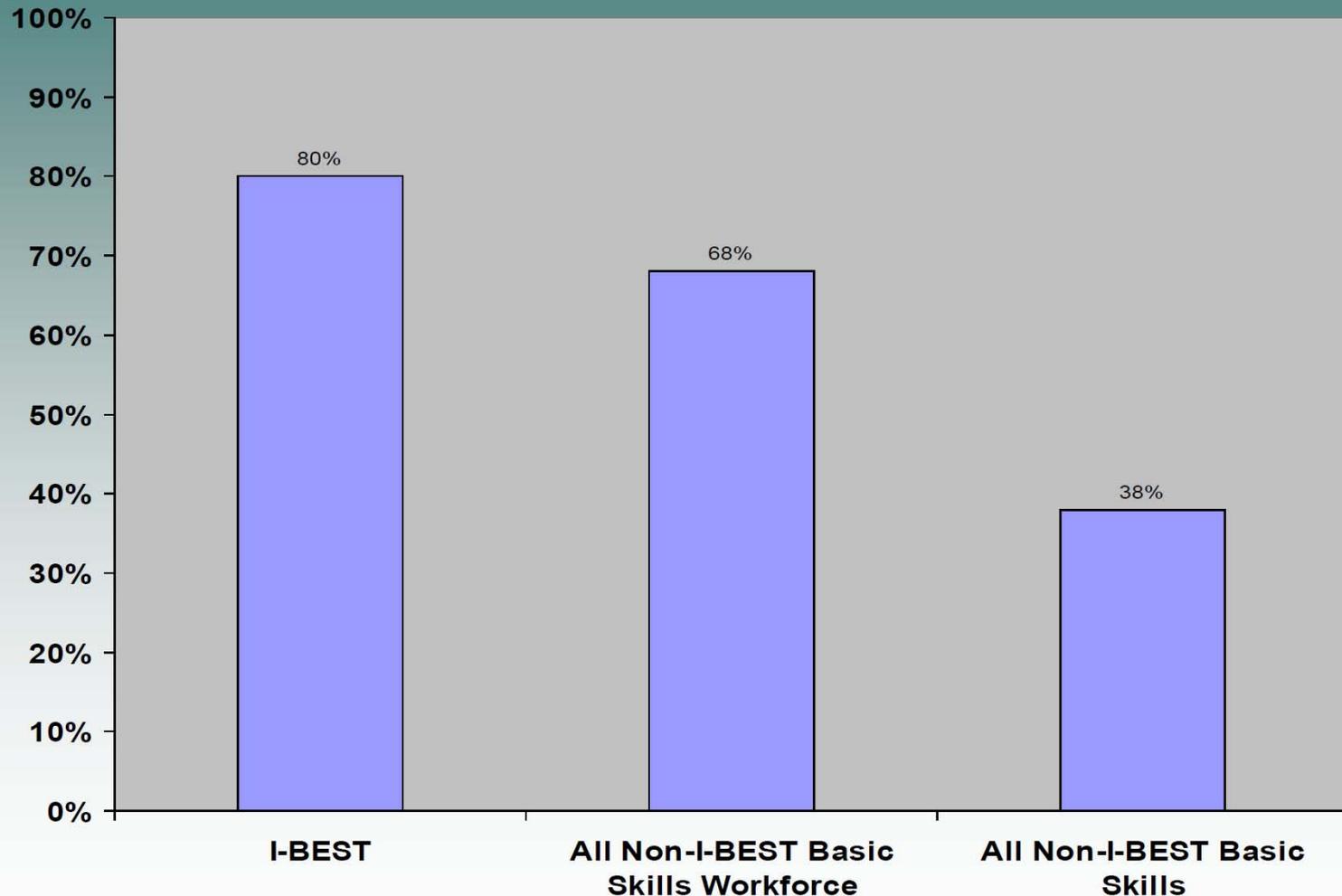
Note: Outcomes for 2006-07 enrollees tracked for 2 years.

# Regression-Adjusted Number of Total College and Vocational Credits



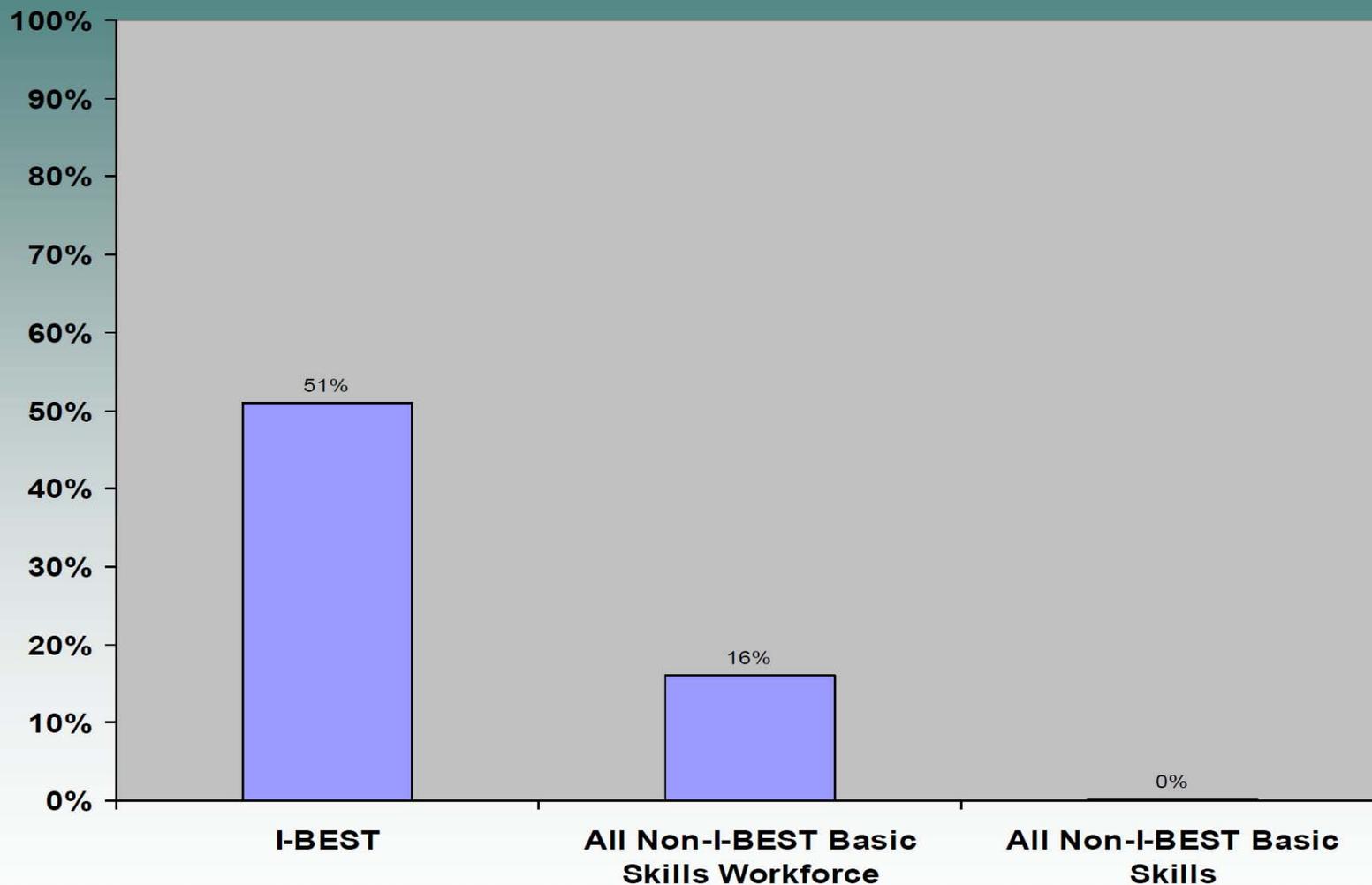
Note: Outcomes for 2006-07 enrollees tracked for 2 years.

# Regression-Adjusted Probability of Persisting into 2007-08



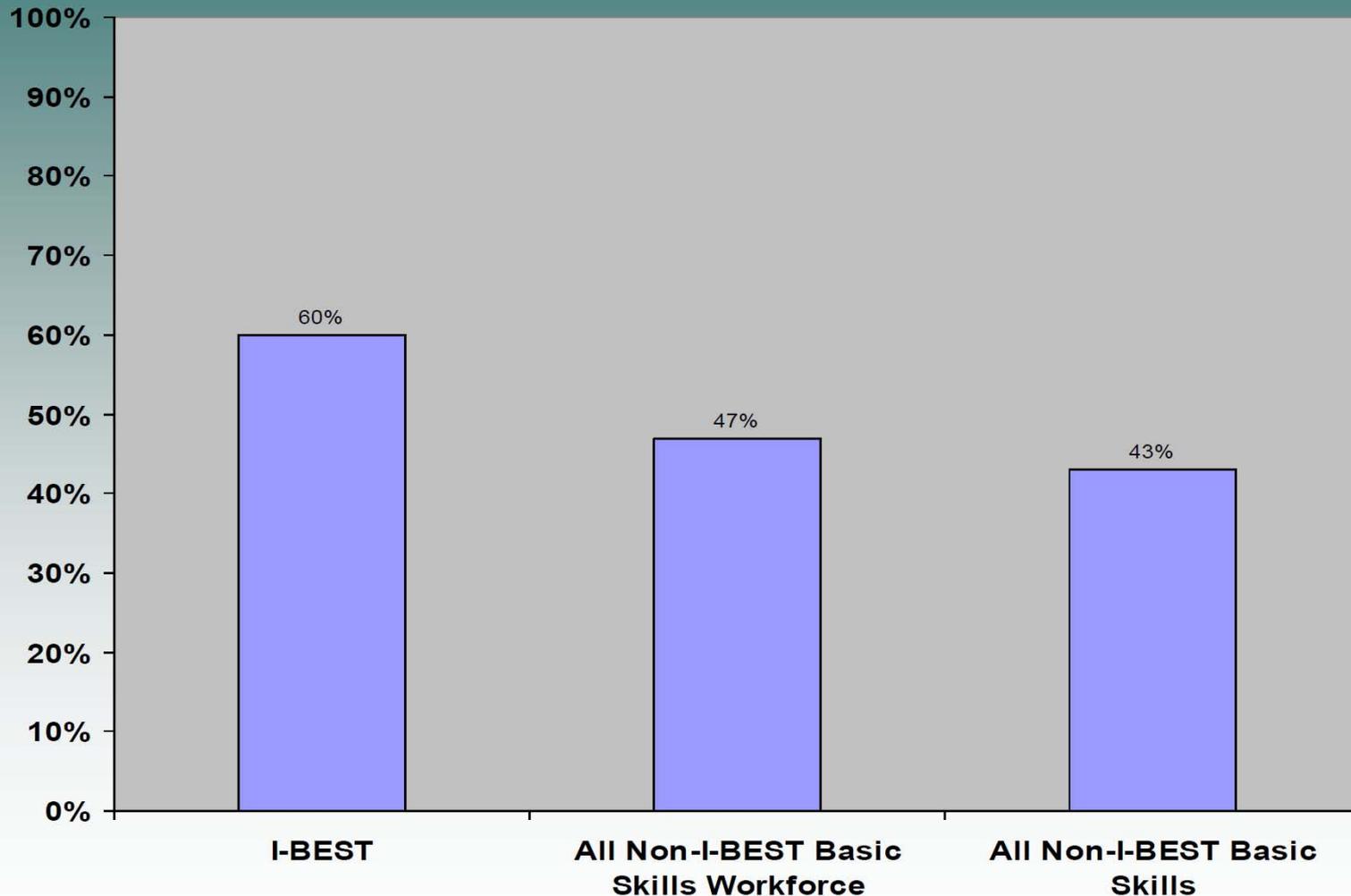
Note: Outcomes for 2006-07 enrollees tracked for 2 years.

# Regression-Adjusted Probability of Earning an Award



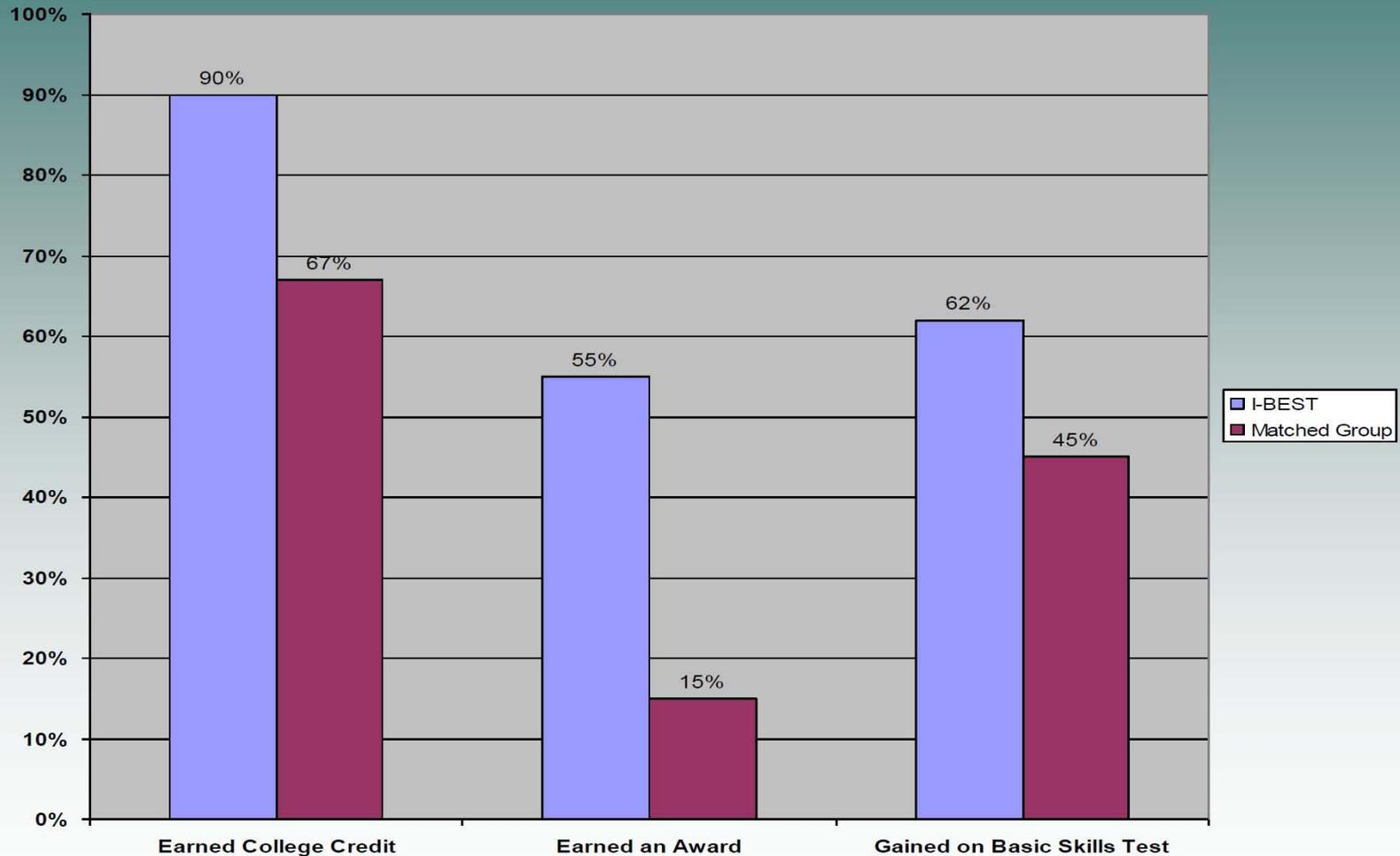
Note: Outcomes for 2006-07 enrollees tracked for 2 years.

# Regression-Adjusted Probability of Achieving a Gain on the Basic Skills Test



Note: Outcomes for 2006-07 enrollees tracked for 2 years.

# Probabilities Compared: I-BEST and Propensity-Score-Matched Groups



Note: Outcomes for 2006-07 enrollees tracked for 2 years.

# For more information:

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