Creating Pathways for Students through NM Higher Education

A Proposed Agenda

Reed W. Dasenbrock, Ph.D.
Cabinet Secretary, New Mexico Higher Education Department

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Higher Education Presidents and Campus Executive Officers
Legislative Education Study Committee
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The Case for Creating Pathways

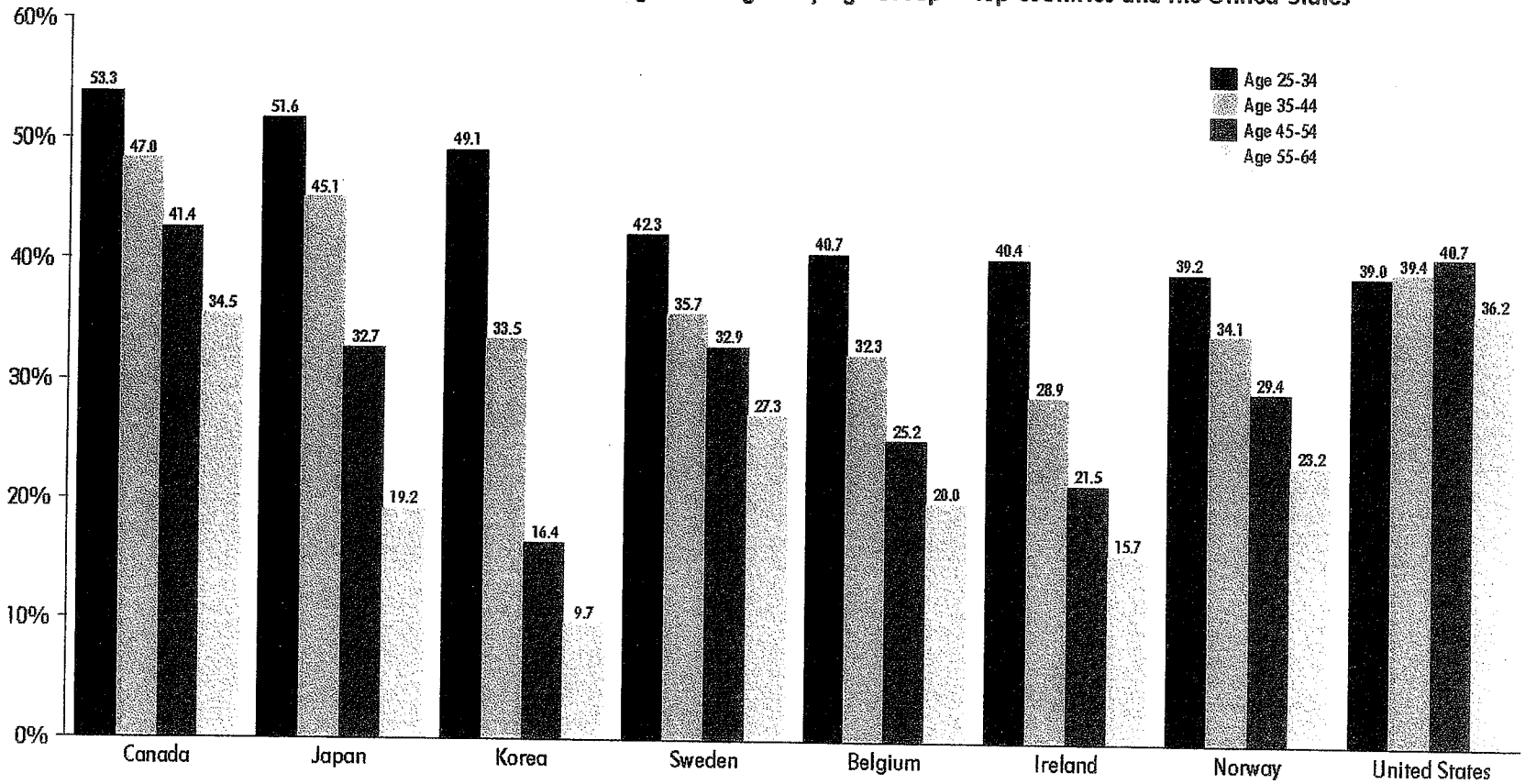
- New Mexico must increase educational achievement to create a high-wage workforce and to participate in a global economy.
- Low educational attainment prevents students from achieving their dreams.

The Global Context

- The U.S., which led the world from 1776 until the 1990s, is now 8th in the world in educational attainment.
- The U.S. and New Mexico are not preparing students successfully.
- We face a crisis of educational attainment.

U.S.: Falling Behind by Failing to Improve

Figure 1.
Percent of Adults with an Associate's Degree or Higher by Age Group – Top Countries and the United States



Source: OECD, Education at a Glance 2005.

Source: OECD, Education at a Glance, 2005 (The Emergency Policy Triangle)

We Won't Stay 8th for Long

Compare South Korea to the US:

- South Koreans have increased their educational attainment >400%.
- Americans have increased attainment 10%.
- Attainment of associate's degree or higher:

Age 55-64:

Koreans, 9.7% Americans, 36.2%

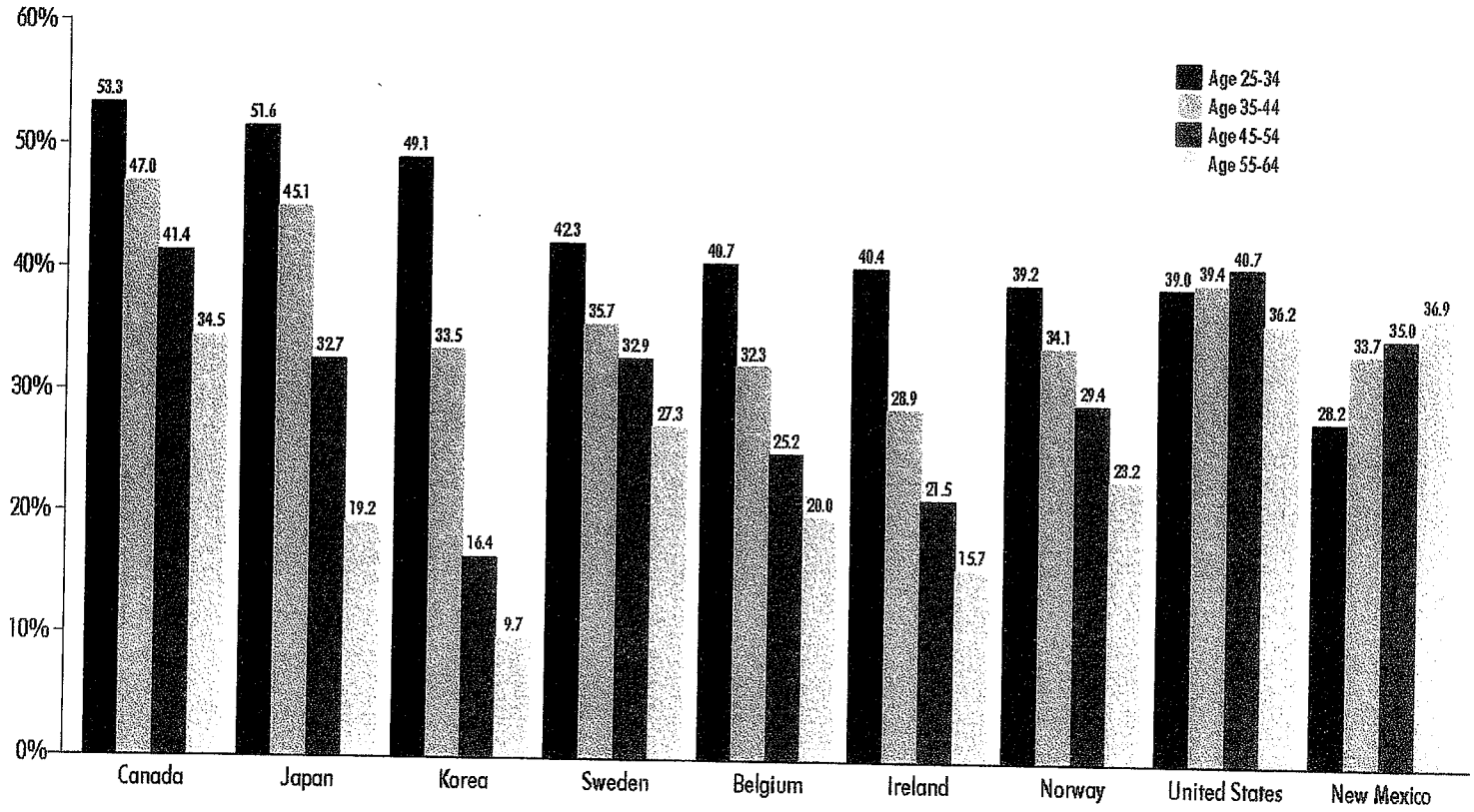
Age 25-34:

Koreans, 49.1% Americans 39%

Where New Mexico Stands

NEW MEXICO

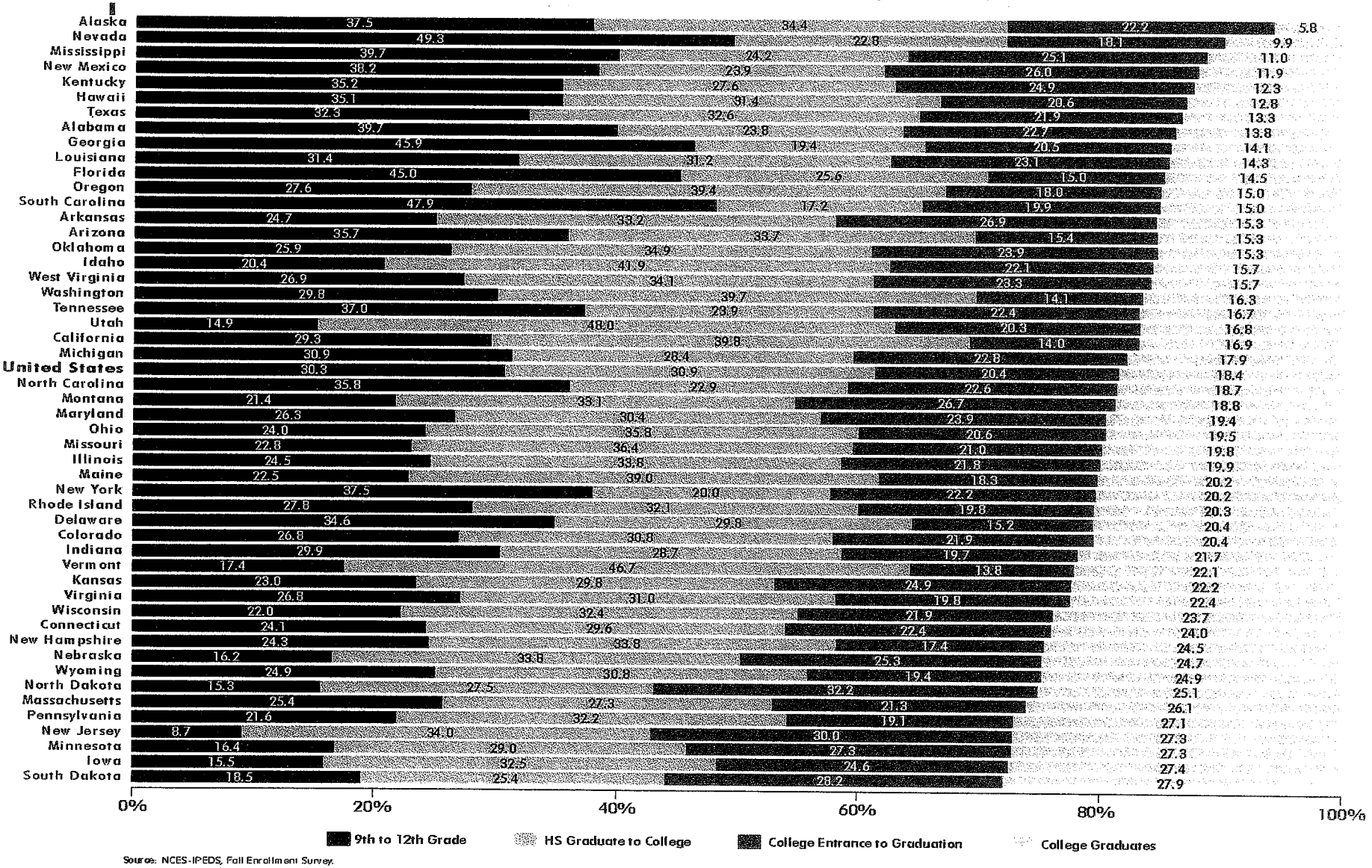
Percent of Adults with Associate's Degrees and Higher by Age-Group: Top Countries, the U.S., and New Mexico



Source: OECD, Education at a Glance; U.S. Census Bureau, American Community Survey, 2005 (The Emergency Policy Triangle)

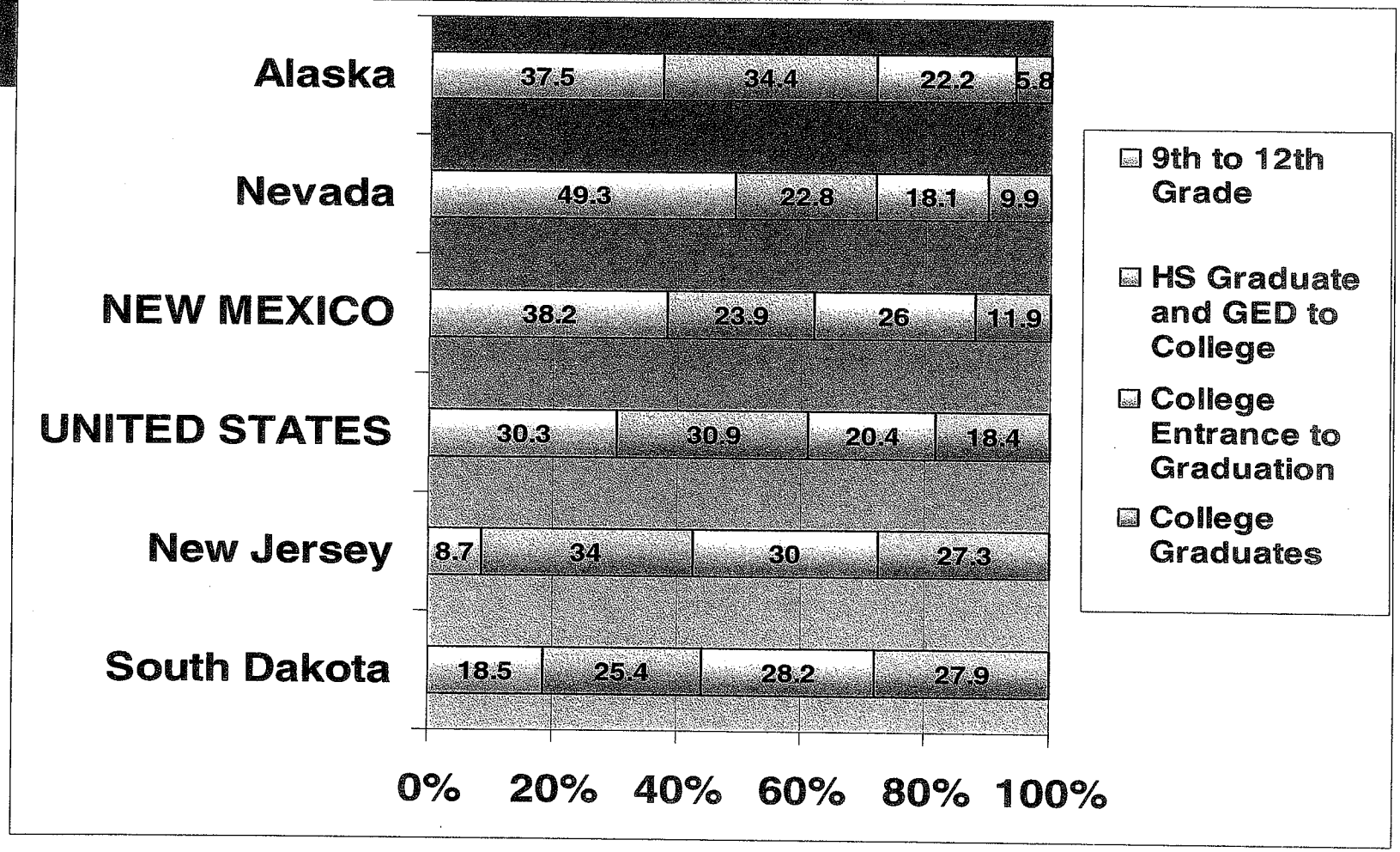
New Mexico Lags Behind U.S. As A Whole

(Student Pipeline Loss, Transition Percentages 2004)



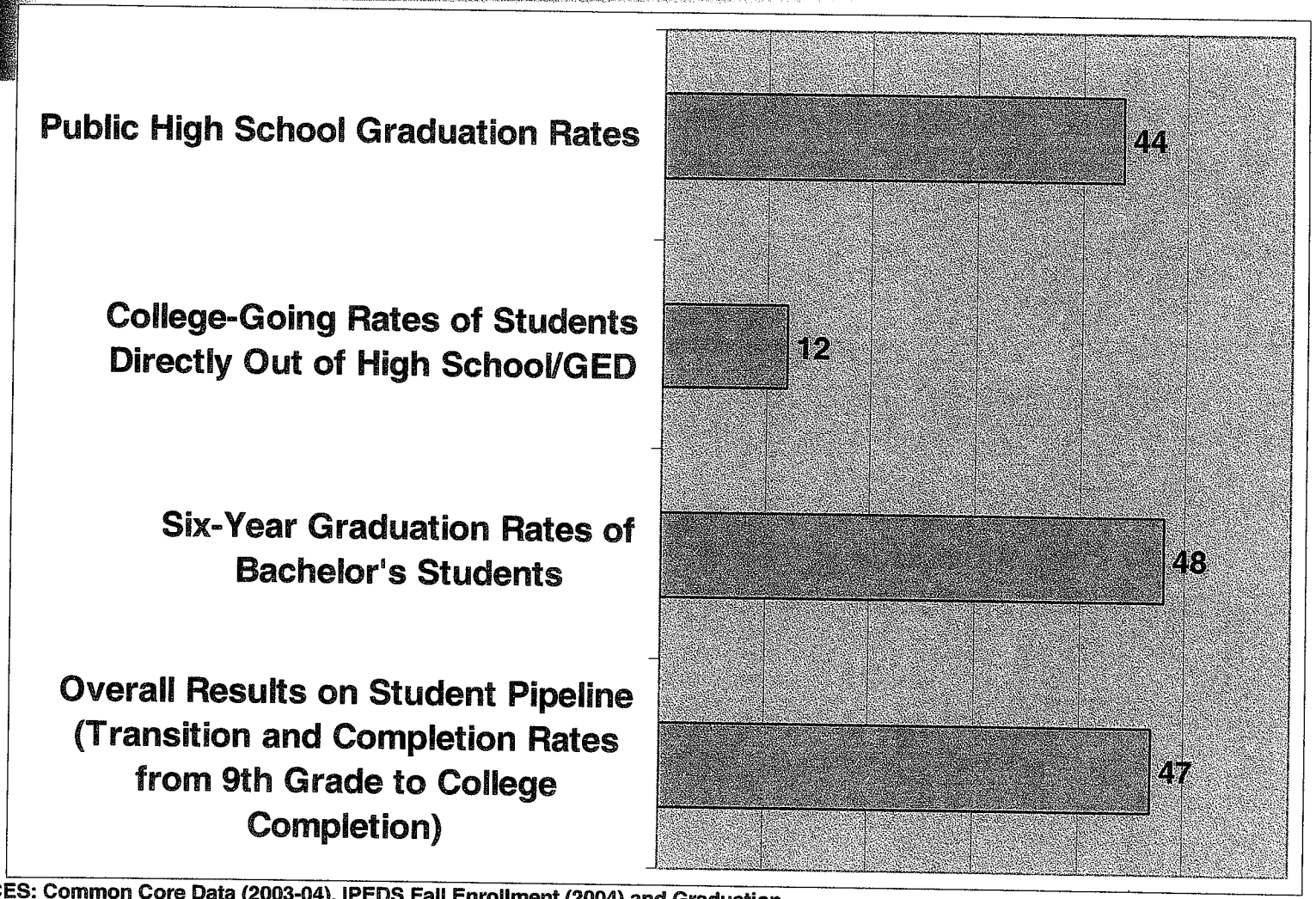
Source: NCES-IPEDS, Fall Enrollment Survey.

Student Pipeline – Percent Loss at Each Stage of Transition, 2004, (selected states and U.S. Average)



Source: NCES-IPEDS, Fall Enrollment Survey
(The Emerging Policy Triangle)

How New Mexico Ranks Among Other States on Selected Measures for Education



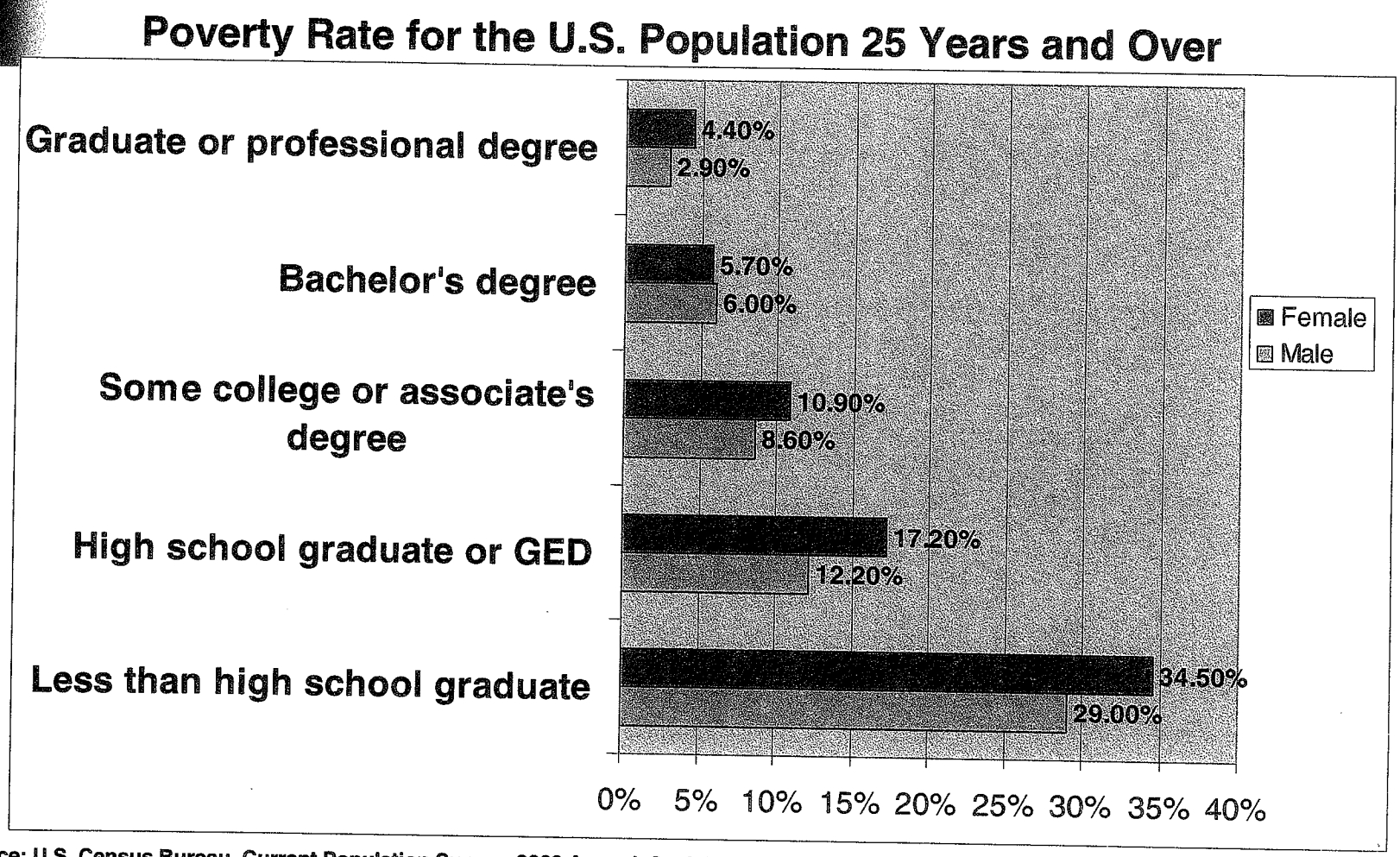
Source: NCES: Common Core Data (2003-04), IPEDS Fall Enrollment (2004) and Graduation Rate Surveys (2005); US Census Bureau, American Community Survey Public Use Microdata Samples (2005); Progressive Policy Institute (The Emerging Policy Triangle)

Why does this matter?

For Each New Mexican:

- More Education = Prosperity, Better Quality of Life
- More Education = Better Opportunities
- More Education = Increased Income

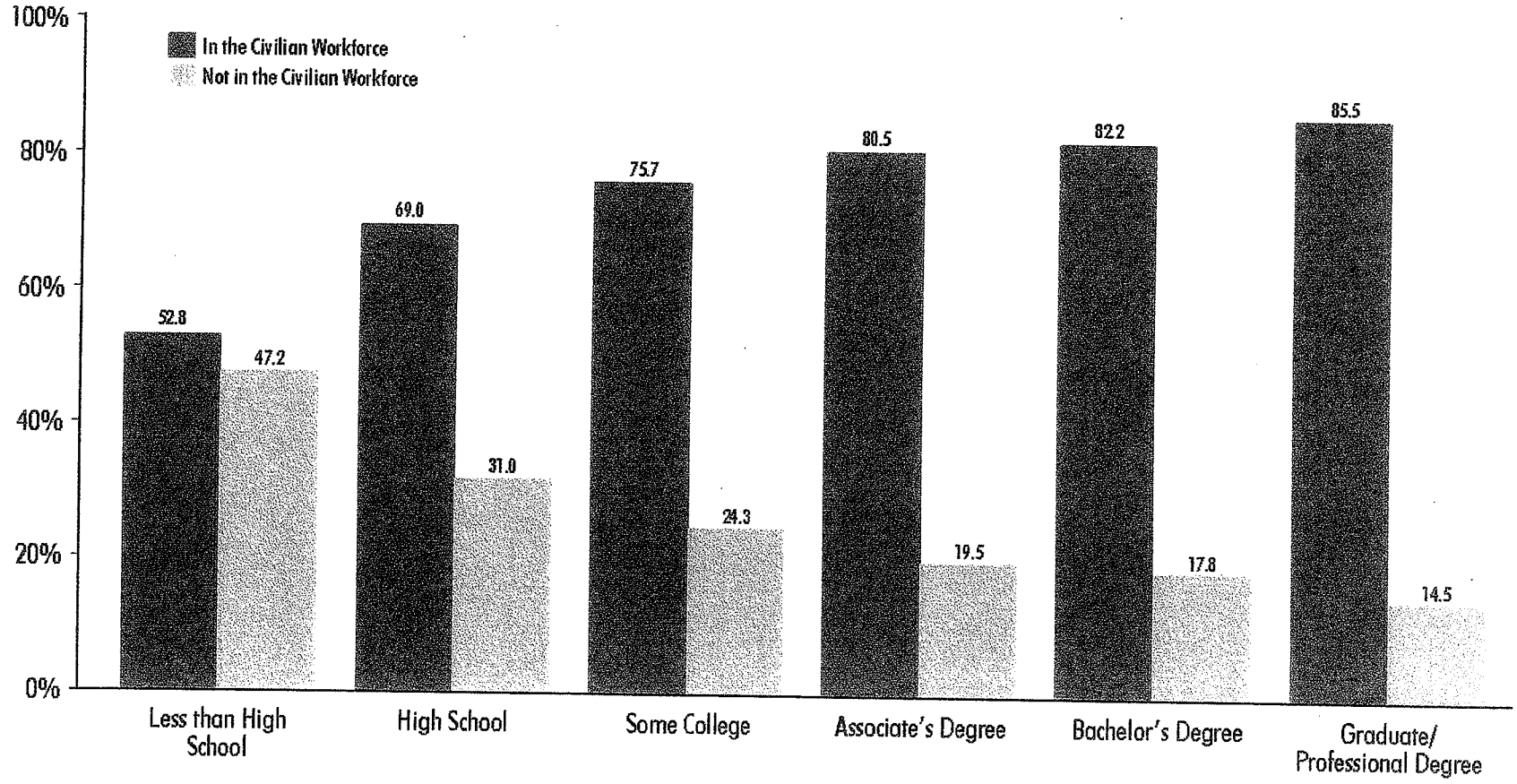
Poverty Status by Educational Attainment



Source: U.S. Census Bureau, Current Population Survey, 2006 Annual, Social and Economic Supplement, Educational Attainment--People 25 Years Old and Over, by Total Money Earnings in 2005, Work Experience in 2005, Age, Race, Hispanic Origin, and Sex

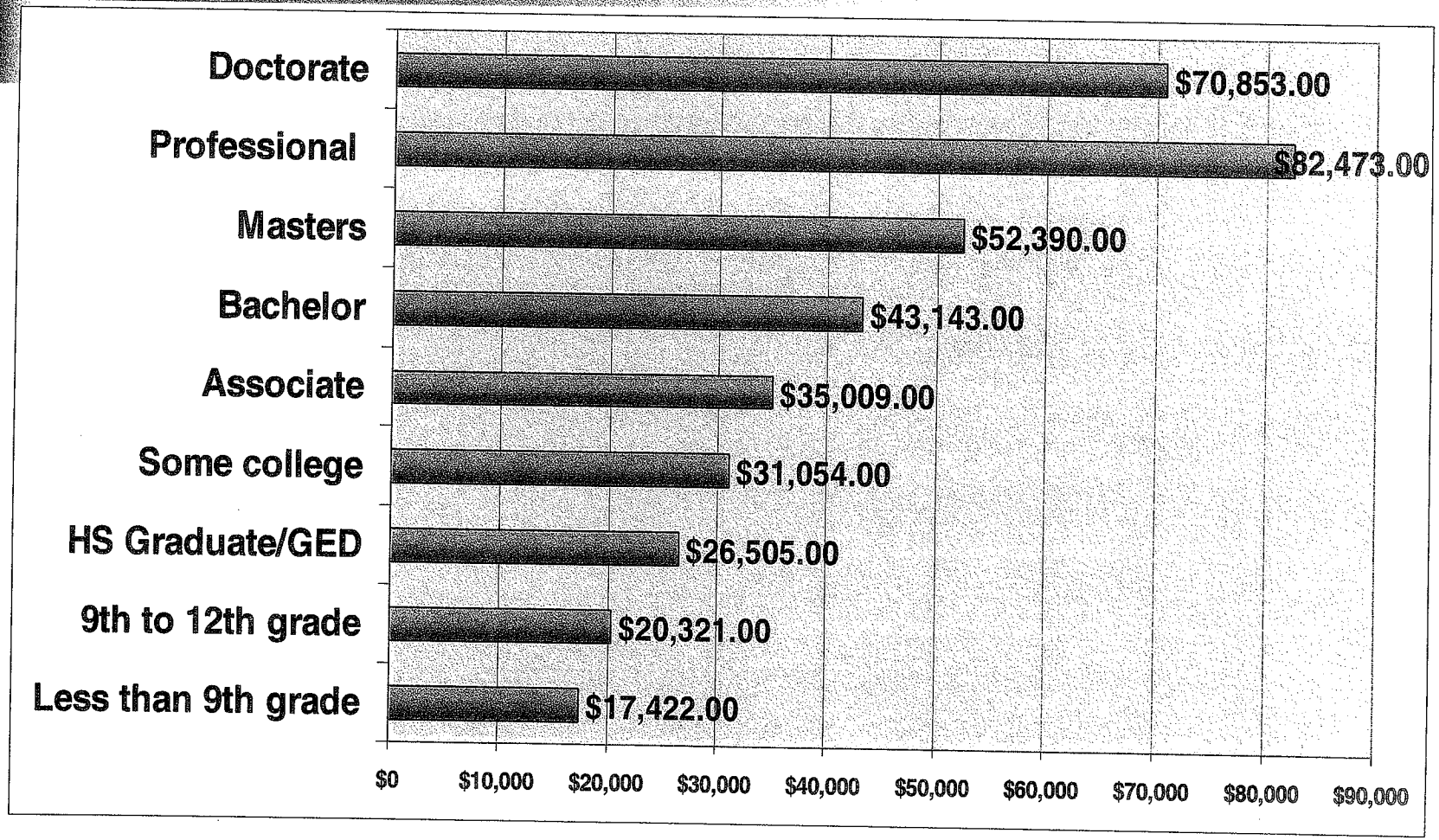
NM Workforce by Education

Percent of New Mexico Civilians Ages 25 to 64 Participating in the Workforce by Level of Education, 2000



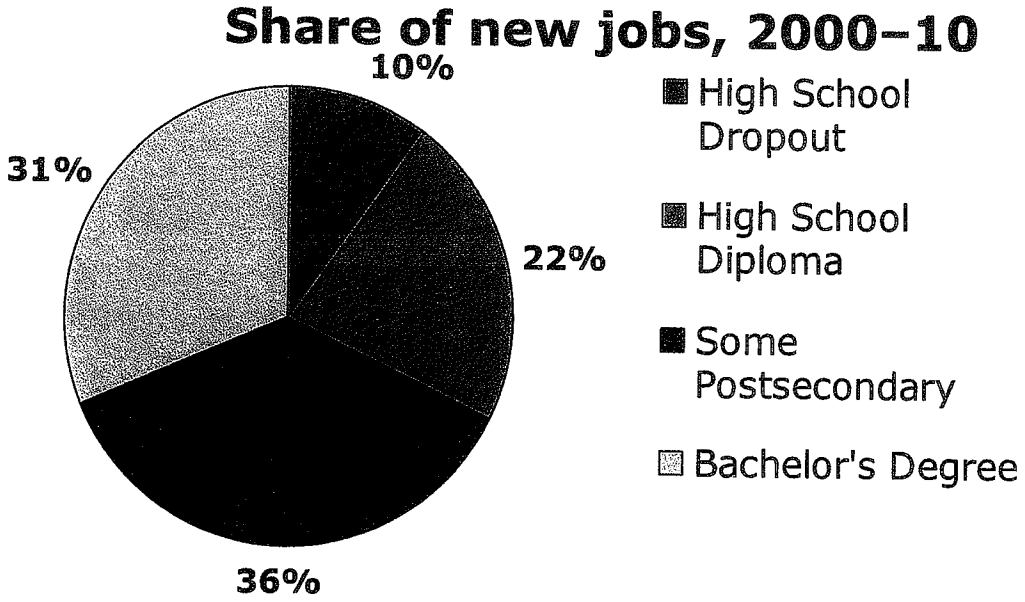
Source: Integrated Public Use Microdata Series 5% Sample, Minnesota Population Center, 2005 (The Emerging Policy Triangle)

Median Earnings of Persons Age 25 or Older by Highest Education Attainment in the U.S.



Source: U.S. Census Bureau, Current Population Survey, 2006 Annual, Social and Economic Supplement, Educational Attainment--People 25 Years Old and Over, by Total Money Earnings in 2005, Work Experience in 2005, Age, Race, Hispanic Origin, and Sex

In the Future We Will All Need Even More Education

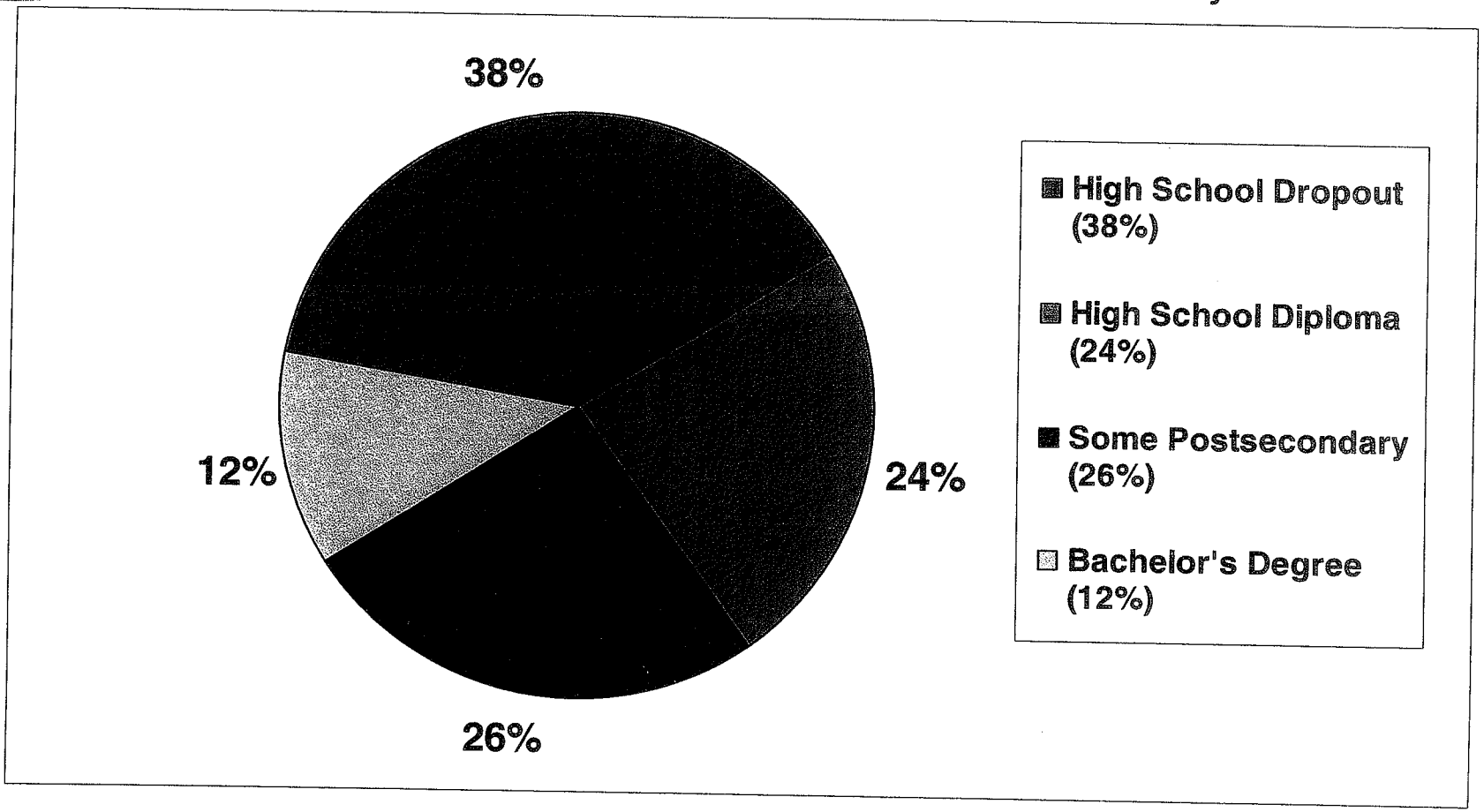


Jobs that require at least some postsecondary education will make up more than two-thirds of new jobs.

Source: Carnevale, Anthony P. and Donna M. Desrochers, *Standards for What? The Economic Roots of K–16 Reform*, Educational Testing Service, 2003.

How New Mexico is Doing

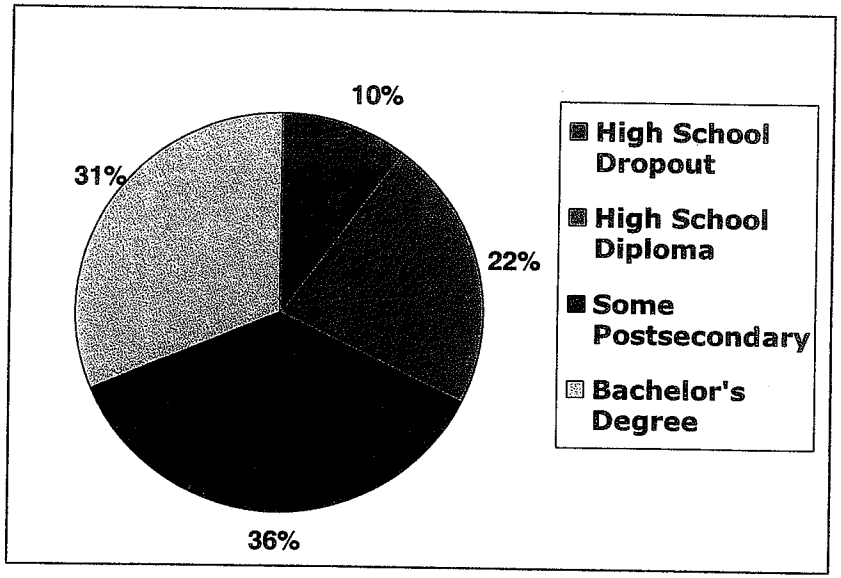
New Mexico Statistics, 2004 Fall Enrollment Survey



Source: NCES-IPEDS Fall Enrollment Survey (The Emerging Policy Triangle)

Folks, We Have a Mismatch.

U.S. Statistics for Share of New Jobs, 2000-2010



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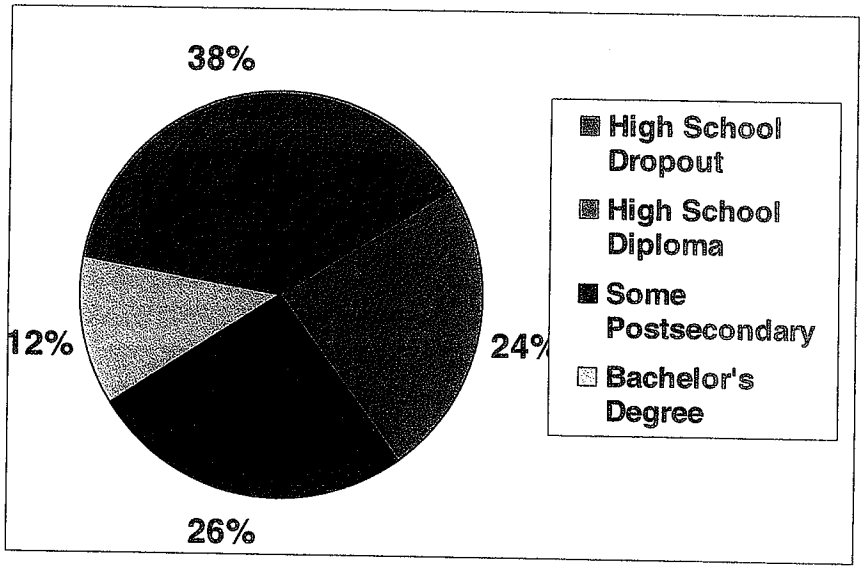
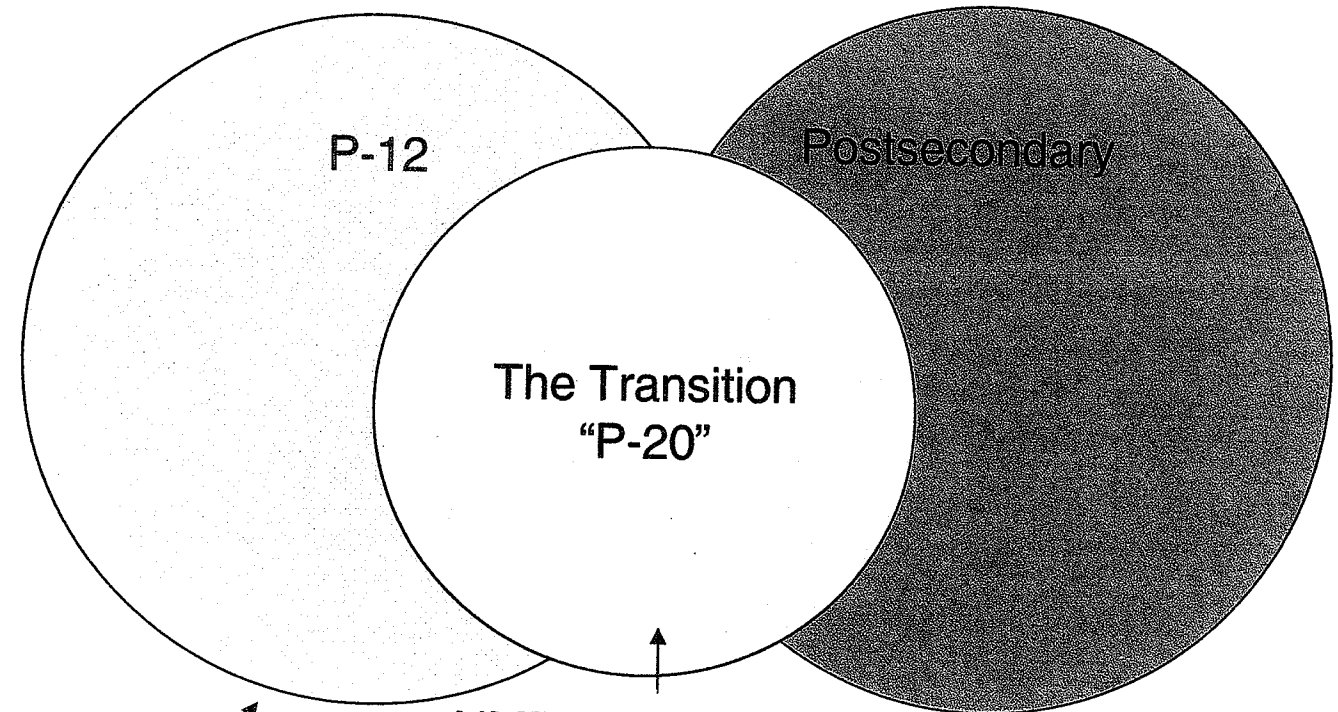


What Can We Do About This?

Differing Areas of Responsibility



2007 Legislature Set A P20 Agenda

- High School Redesign (SB 561/HB 584).
- Increases rigor of high school courses.
- Creates a three-pronged assessment system:
  - 9th grade high school readiness exam
  - 10th grade college readiness exam
  - 11th grade workplace readiness exam

2007 Legislature's P20 Agenda (cont.)

- Paving the on-ramp from high school to college:
  - Common College Placement Exam (SB62/HB186, 2003)
  - Dual Credit Agreements (high school/college) (SB 943)
  - IDEAL and the Cyber Academy (SB 209/ HB 201)
  - Unique Student Identifier PreK-Workforce (SB 211)

P20 Issues

- Commitment from Chief Academic Officers on college readiness exam and placement cut scores:
  - 10th Grade: College Readiness
  - 11th Grade: Workplace Readiness
  - Which exams? How to use?
- Dual Credit agreement drafted for implementation in 2008-09; will need funding for proposed formula incentive

IDEAL NM: Cyber Academy

- Statewide Project Coordinator on board since June.
- Interviews in process for program management.
- Statewide Learning Management System – Fall 2007.
- Statewide Web Conferencing System – Spring 2008.
- Statewide Distance Learning Plan and Cyber Academy Plan being developed.

IDEAL NM: Cyber Academy (cont.)

Statewide High School Cyber Academy and Service Center

- Fall 07-Spring 08 Pilot (Algebra I, NM History hosted by APS)
- High School Cyber Academy Launches Fall 2008 (Hosted at statewide data centers)
- Statewide Service Center – now interviewing key positions; service center to open Fall 2007

New Mexico's Unique Student Identifier

- New Mexico's unique student identifier would allow for following a student's progress from pre-K through higher education and into the workforce.
- PED schools assign a unique student identifier.
- There are data compatibility issues to address before the NM unique student ID can be used by institutions of higher education.
- This requires additional data matching under the existing system.
- The NMHED/PED/CYFD Data Sharing Task Force is addressing these issues.

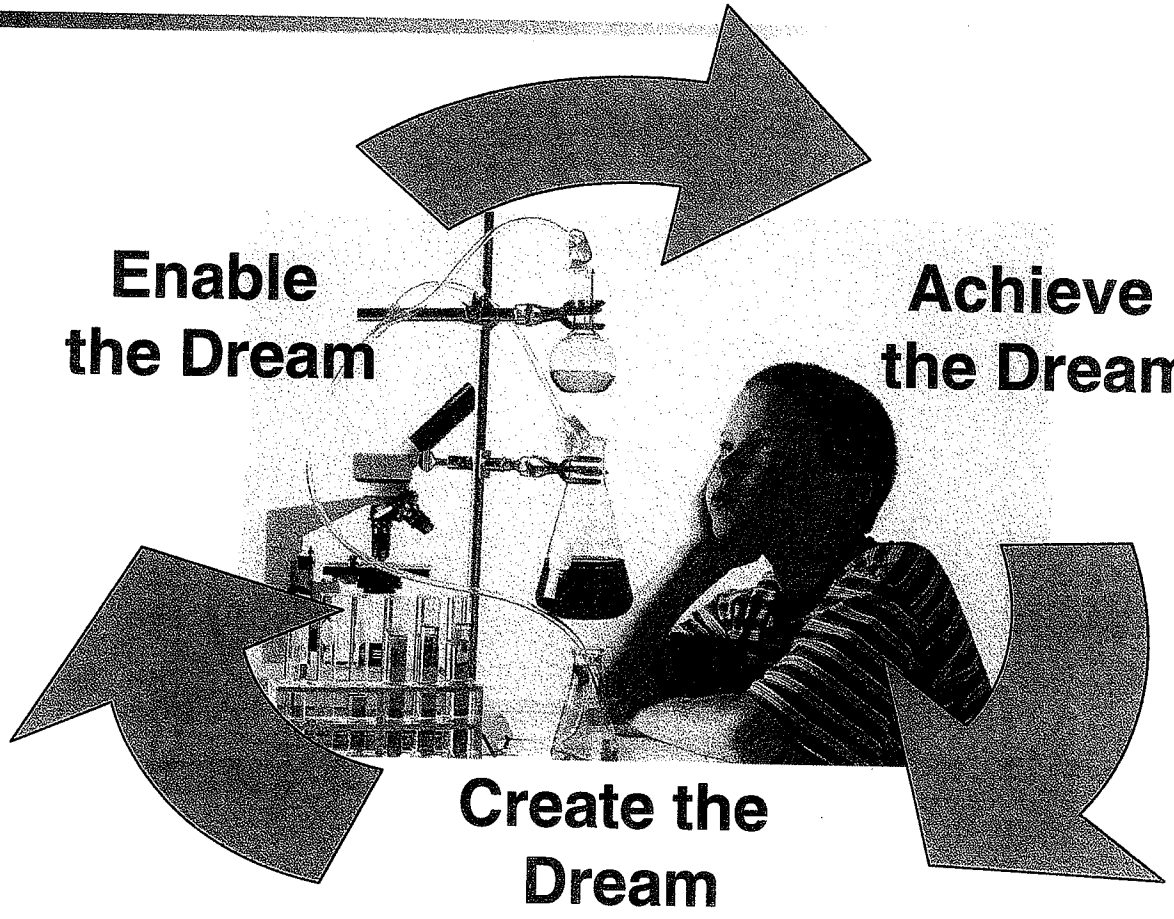
Our Task: Create an Agenda for Higher Education Itself

- Need to make it easier for students to move within higher education from institution to institution;
- And to make it easier for institutions of higher education to move to where the students are.

Breach the Walls Inside of Higher Education

- Students are far more mobile (pilgrims).
- Too many do not accomplish dreams.
- Rethink how higher education operates: Put the **student** at the center.

Put the Student at the Center



One Collaborative, Collective Approach

- Bring more students into higher education.
- Dramatically expand the offerings of higher education around the state.
- Increase efficiency.
- Graduate more students.
- No major upfront costs; no major statutory hurdles: i.e., we can do this ourselves if we can agree.

Six Concepts:
#1: Common Application

Objective:

Simplify admissions process and encourage students to explore options

- Common online admission application for all public institutions in the state
- Free for in-state residents
- Simultaneous processing of the same application at multiple institutions

#2: Automatic Admission

Objective:

Encourage two-year students to continue to four-year education and send a powerful message to students that they are welcome.

Target market: Less traditional students, under-represented minorities, lower income households.

- All NM public 2-year institution students who earn Associate's of Arts or Associate's of Science degrees automatically admitted to all NM public universities.
- Students who earn associates degrees earn more and are more likely to participate in the workforce.

#3: Credit Stacking/Joint Programs

Objective:

Offer students more options to pursue the degrees they want in convenient locations while avoiding duplication of programs.

- Students begin at one school and take all general requirements there; if they wish to major in a program not offered there, another institution offers only the program-specific courses at the first institution's facilities
- Enable students to benefit from cooperation between institutions on curriculum offerings and sharing credit hours
- Broad application: 2-year to 2-year, 4-year to 4-year
- More agile response to needs of New Mexico economy

#4: Program Hosting

Objective:

Offer New Mexicans the degrees they need by providing students 4-year programs where none currently exist.

- Two-year colleges host bachelor's or master's degree programs sponsored by institutions with those specific degree programs in their inventory
- For credit stacking and program hosting, need ground rules for fair distribution of formula dollars between institutions.

#5: Transfer of Online Courses

Objective:

Make registration easier for students and enable students to take courses needed to complete degrees without having to relocate.

- Automatic transferability of all online courses offered by NM public institutions.
- Simplify registration process; one point of contact.

#6: Transfer of Summer Courses

Objective:

Enable students to take courses needed to complete degrees without having to relocate.

- Automatic transferability of any course taken at home during summer.
- Eliminate jumping through hoops to transfer.

Concrete Results of Putting the Student at the Center

- Students find it easier to enter higher education, move from institution to institution and graduate.
- The process is seamless for the student.
- The institutions have the agility to change programs to meet demand.
- NM's colleges and universities become interoperable for students.
- NM's colleges and universities cooperate more systematically on meeting the educational needs of the state.

Our Policy Goal Must Be:

- To raise degree attainment of all kinds to at least the national average.
- Every policy decision we make should be scrutinized according to whether it advances or retards this overarching goal.

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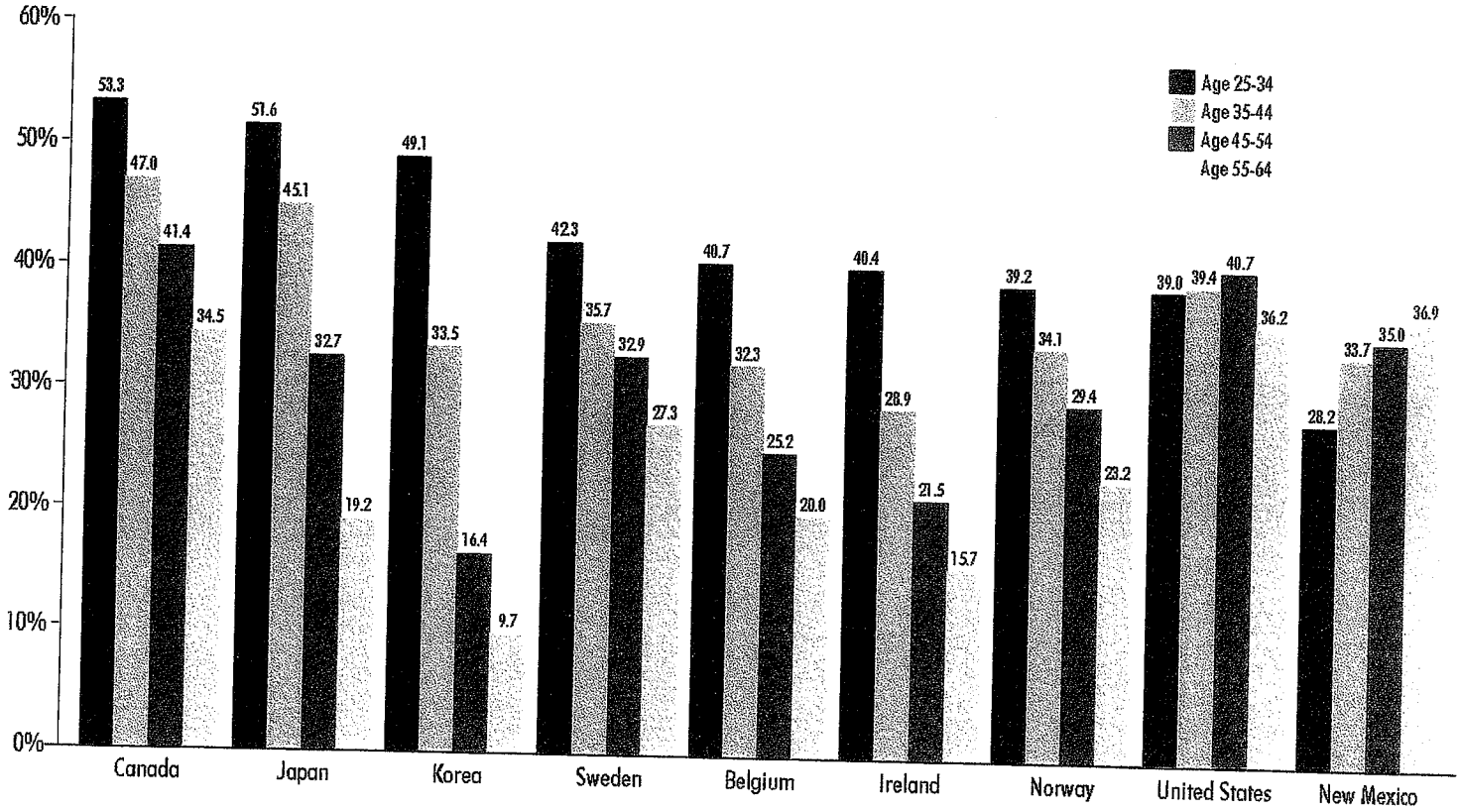

Acknowledgements and Sources

- NMPED Deputy Secretary Dr. Catherine Cross Maple
- The Emerging Policy Triangle: Economic Development, Workforce Development, and Education; National Center for Higher Education Management Systems; May 2007
- Current Population Survey, 2006 Annual Social and Economic Supplement, Educational Attainment, People 18 Years Old and Over, by Total Money Earnings in 2005, Age, Race, Hispanic Origin and Sex; U.S. Census Bureau
- OECD, Education at a Glance, 2005