The Future of Education In New Mexico: Why Should You Care and What Should You Do About It?



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Data... Insight... Impact

WHAT DOES THE FUTURE HOLD?

Whereof what's past is prologue, what to come in your and my discharge (Shakespeare, The Tempest)

Don't know much about history Don't know much about biology Don't know much about a science book Don't know much about the French I took But I do know that I love you And I know that if you love me too What a wonderful world this would be (Sam Cooke) But past performance is not as important as you may think... As with any investment ... past performance is no guarantee of ... future success. (The U.S. Securities and Exchange Commission)

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Education In America

"... wherever the people are well informed, they can be trusted with their own government ...if a nation expects to be ignorant & free, in a state of civilization, it expects what never was & will never be." (Thomas Jefferson)

"A child born to a black mother in a state like Mississippi ... has the same rights as a white baby born to the wealthiest person in the United States. It's not true, but I challenge anyone to say it is not a goal worth working for." (Justice Thurgood Marshall) "Democracy does not give the people the most skillful government, but it produces what the ablest governments are frequently unable to create; namely, an all-pervading and restless activity, a superabundant force, and an energy which is inseparable from it, and which may, however unfavorable circumstances may be, produce wonders. These are the true advantages of democracy." (De Tocqueville)





- Free people should choose for themselves
- People are responsible for their own actions and their consequences
- Redistribution of income or wealth is unfair, and creates disincentives for hard work
- Grave inequalities keep people from being meaningfully free to choose for themselves
- Fairness and justice require a safety net with a livable minimum of housing, income, food, education, healthcare, and equal opportunity

Michael Sandel (2009). Justice: What Is the Right Thing To Do?



In Many Ways, Policy Debates in the United States are Centere on Questions of " o Deserves at?" an " at Values S oul e Honor?" These Debates Are Everywhere:

Healthcare

Gun Control

Immigration

Taxes and the Rich

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Unemployment Insurance

Minimum Wage

Marijuana

Food Stamps

The National Debates About Inequality

Should We Focus on Equity of Opportunity or of Outcomes?

Is Encouraging Marriage a Useful Way to Lessen Poverty? Did We Win The War on Poverty?

Is Pre-K the Cure for Stalled Social Mobility?

What are the Mental Health Costs of Inequity?



Where Do We Agree?

Both major U.S. political parties have begun to speak about poverty, inequality, and social mobility. There is agreement about the problem, although sharp divisions remain about what is to be done.

e ave to fig t for better ideas to make
sure that we realize the American experiment.
What is that to me? The condition of your birth
does not determine the outcome of our life."
-Rep. Paul Ryan

ile we on't promi e equal outcomes, we have strived to deliver equal opportunity – the idea that ucce oe n't epen on being born into wealth or privilege, it depends on effort and merit."
-President Barack Obama



What Should We Do?

- Bipartisan support for pre-school has emerged nationwide. President Obama has made it a priority, and conservative states like Oklahoma and Georgia have become leaders in pre-k access and quality.
- Conservative thinkers argue that the federal government has lost the War on Poverty, in part because Washington is ill-suited to the task. They often advocate for state-based solutions.
- Conversely, many liberal thinkers contend that poverty would be much worse without War on Poverty programs, and those programs should be kept, improved, and expanded.



The Debates About Education

- One useful way to think about the current education debates in the United States and in New Mexico is to consider these two overarching philosophies:
 - One philosophy holds that children who come from impoverished homes face a host of day-to-day traumas and obstacles that inhibit their learning. This group tends to focus on student support services and parent engagement as key reform strategies.
 - The second philosophy holds that poverty should not be used as an excuse for poor performance, and tends to focus on teacher quality and other reform strategies directed at schools and classrooms, rather than the tu ent' life out i e of c ool.



We Believe There is Common Ground

New Mexico is stronger when we bridge this divide, and find common ground between the two approaches. We can do this by recognizing the devastating effects of poverty, but also recognizing that our schools can and must do much better for our students than they do today.

We believe our future depends on whether good Americans from every political point of view can find that common ground.



The Politics Of Education In New Mexico

- One of New Mexico' trengt i it abun ance of engage stakeholders who wish to improve the education system.
- These stakeholders bring a variety of ideas to the table, which are often in conflict with each other. Nationally and in New Mexico, the education policy arena has become increasingly polarized.
- One of New Mexico' weakne e i t e lack of clear agreement about how to measure academic success, the effectiveness of educational reforms, and the return on financial investments.
- The lack of clear data and the polarization of educational policy does not bode well for the future.



The Debates Are Fierce Because The Issues Are Complex





Education in the United States (1960-2011)

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U.S. Office of Management and Budget 2013. Fiscal Year 2014 Analytical Perspectives. Budget.gov



Life Expectancy in the United States (1960-2011)

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U.S. Office of Management and Budget 2013. Fiscal Year 2014 Analytical Perspectives. Budget.gov

Income in the United States (1960-2011)





Civilian Unemployment Rate in the United States (1960-2012)

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Year 2014 Analytical Perspectives. Budget.gov

Poverty in the United States (1995-2011)



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U.S. Office of Management and Budget 2013. Fiscal Year 2014 Analytical Perspectives. Budget.gov

Science & Engineering Degrees in the United States (1960-2012)



	United States	%	OECD Counties
		56	Canada • Korea
Comparing New Mexico with Nat		54	Japan
Other States in the Percentage of	-	52	
Adult Degree Attainment (ages 2	,		
	North Dakota	50	
	Minnesota • New York	48	New Zealand
С	Connecticut • Iowa • New Hampshire • New Jersey	46	
	Maryland Nebraska • South Dakota • Vermont	44	Ireland
	Illinois • Pennsylvania • Rhode Island Virginia	42	Norway
	Colorado • Hawaii• Kansas		Australia • Belgium • France
	Wisconsin Washington	40	Denmark • Sweden • UNITED STATES Finland • Spain
	Ūtah	38	
California • Delaware • Indiana • Maine • Mo	Missouri ntana • Michigan • Ohio • North Carolina • Oregon	36	Netherland • United Kingdom Luxembourg
	Florida Georgia • Idaho • South Carolina • Wyoming	34	Switzerland
	Alabama • Kentucky • Mississippi Arizona • Tennessee • Texas	32	Iceland
	Alaska • Oklahoma NEW MEXICO	30	Poland
	Louisiana • Nevada • West Virginia	28	Greece
	Arkansas	26	
		24	
		22	Germany
			Hungary Portugal
		20	Austria • Italy • Mexico
		18	
			Slovak Republic (17%) Czech Republic (15%)
NCHEMS	Source: OECD Education at a Glance 2009		Turkey (14%)

The Urgency of Increasing College Attainment, Post Recession



New Mexico's Gaps in Academic Achievement & Attainment



2013 Education Rankings (index of preschool enrollment, NAEP proficiency rates and graduation rates)





Source: The Annie E. Casey Foundation Kids Count 2013 Data Book State Trends in Child Well-being

Percent of NM Students Graduating From High School by Ethnicity







3rd Grade Reading Proficiency, by Ethnic Group

Hispanic





African American

Source: New Mexico Public Education Department, NMSBA Proficiencies By Grade, All Students, School Year 2011-2012.



Percent of NM Fourth Grade Students Scoring at or Above Proficient

African American data is not reported in all years because NAEP reporting standards have not been met.

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Percent of NM Fourth Grade Students Scoring at or Above Proficient in

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*Florida data in the year 2000 was unavailable as of 11.11.11

Percentage of High School Students Who Were Habitually Truant, by School District in 2011-2012





Source: New Mexico Public Education Department, 2009-2010 School Year. A student is identified as a Habitual Truant when the student has accumulated 10 or more of unexcused absences.

Percentage of APS Elementary School Students Who Were Habitually Truant in 2011-2012





Source: Albuquerque Public Schools, RDA Department, 2011-2012 School Year. A student is identified as a Habitual Truant when the student has accumulated 10 or more days of unexcused absences.

Percentage of APS Middle School Students Who Were Habitually Truant in 2011-2012





Source: Albuquerque Public Schools, RDA Department, 2011-2012 School Year. A student is identified as a Habitual Truant when the student has accumulated 10 or more days of unexcused absences.

Percentage of APS High School Students Who Were Habitually Truant in 2011-2012





Source: Albuquerque Public Schools, RDA Department, 2011-2012 School Year. A student is identified as a Habitual Truant when the student has accumulated 10 or more days of unexcused absences.











Source: The National Center For Higher Education Management Systems Information Center for Higher Education Policymaking and Analysis.

New Mexico's Gaps in Child Health & Well-Being


2013 Overall Child Well-Being Ranking



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Source: The Annie E. Casey Foundation Kids Count 2013 Data Book State Trends in Child Well-being

Families Living Below the Poverty Line



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Percentage of Children Under 18 in Poverty, by School District



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Source: U.S. Census, American Community Survey, 2006-2010 Five-Year Estimates. In 2010, the weighted average poverty threshold for a family of four was **\$22,314** (<u>http://www.census.gov/hhes/www/poverty/data/threshld/</u>)</u>. State and national averages taken from the 2010 American Community Survey (state avg. = 26.0%; national avg. = 19.2%).

Percentage of Individuals Living Below Poverty Level with Less than High School Education





Source: U.S. Census Bureau American Community Survey 5-Year Estimates 2007 – 2011, Table S1501, Percentage Less than high school graduate.

Percentage of Birth Mothers Without a High School Diploma, by New Mexico School District



Research has shown a link between parental education levels and child outcomes such as educational achievement and attainment.

Percent of Birth **Mothers Without** A High School Diploma



Source: New Mexico Birth Certificate Database, Bureau of Vital Records and Health Statistics, New Mexico Department of Health.



Food Insecurity in New Mexico Counties, 2011

This map shows the percentage of The population experiencing food insecurity in 2011.

Food insecurity is an index calculated based on an index of food cost vs. household income.

10.6% - 16.7% (NM Average is 16.7%) 16.8% - 19.4% 19.5% - 25.4%

Source: Feeding America, Map the Meal Gap 2013. Data retrieved from <u>http://feedingamerica.org/hunger-in-america/hunger-studies/map-the-meal-gap/~/media/Files/a-map-2011/NM_AllCountiesMMG_2011.ashx?.pdf</u>. For Technical details on the factors used to create the index, see Gundersen, C., Waxman, E., Engelhard, E, Satoh, A. and Chawla, N., Map the Meal Gap 2013: Food Insecurity Estimates at the County Level.

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Measures of Risk and Resiliency: Sexual Coercion Among High School Students, 2011



Percent of students who reported having been physically forced to have sex during the last 12 months.



Source: New Mexico Youth Risk and Resiliency Survey, New Mexico Departments of Health and Public Education and U.S. Centers For Disease Control and Prevention, 2011. Students were a ke "Duringt e pat 12 mont ave ou ever been p icall force to ave exual intercour e?" The percentage reported here reflects respondents who answered, "Ye ." NOTE: Moderately low reliability for Otero, Roosevelt, Sandoval, and Sierra Counties, unreliable data for Chaves County, and very low reliability for Dona Ana and Eddy Counties.



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Youth Suicide Rate, 15-19 Years of Age, by County





Counties shaded **green** have rates below the national average of 7.6. Counties shaded **orange** have rates above the national average but below the state average of 18.29. Counties shaded **red** have rates above both the state and national averages.



Source: New Death Certificate Database, Bureau of Vital Records and Health Statistics, New Mexico Department of Health. The suicide rate for each county is averaged over the time period 1999 to 2010 and includes all New Mexico residents, ages 15-19. The national average is based on data from the Centers for Disease Control and Prevention over the time period 1999 to 2007 and includes all youth, ages 15-19.

Percentage of 16-19 Year Olds Not in School or Labor Force





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Source: U.S. Census, American Community Survey 2010, 5-Year Estimates.

Life Expectancy By Census Tract, Bernalillo County, NM (2001-2005)



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Source: Map produced by Joint Center For Political and Economic Studies (September, 2012) Place Matters For Health In Bernalillo County: Ensuring Opportunities For Good Health For All.



Life Expectancy At Birth, By Years Of Education At Age 25, By Race And Sex, 2008

Source: S. Jay Olshansky, et. Al., Differences in Life Expectancy Are Widening, And Many May Not Catch Up. *Health Affairs*, 31, no.8 (2012):1803:1813



Education Matters

Connect the Dots

Education matters to health, and so do the conditions in neighborhoods and communities that harm the health of young children, trigger unhealthy or risky behaviors and undermine the success of students and schools. Policies that address early child care, housing, transportation, food security, unemployment, and economic development are important to both education and health.

Compared To Those With A College Education, Americans With Less Education:

- Die earlier
- Live with greater illness
- Generate higher medical care costs
- Are less productive at work
- Experience more psychological distress
- Have less health lifestyle



Source: Education: It Matters More To Health Than Ever Before. (January, 2014). Virginia Commonwealth University & Robert Wood Johnston Foundation. www.societyhealth.vcu.org



New Mexico's Gaps in Education and Economic Viability



The Education/Jobs Gap in Selected Metropolitan Statistical Areas, 2012



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Source: Rothwell, J. (August, 2012) Education, Job Openings, and Unemployment in Metropolitan America Brookings. www.brookings.edu/metro.

Educational Attainment in Central New Mexico Adults 25 and Over, With an Associate's, Bac elor's, Or Graduate Degree, 2011





Source: U.S. Census, American Community Survey 2011, 5-Year Estimates

How Does Albuquerque Compare to Other Communities? Percentage of the Population, 25-64 Years of Age, With an Associate's Degree or Higher



What Does The Future Hold?





The Challenge Facing The American Dream

"In America, you can go to school, work hard, and grow up to be anything you want to be."

Sadly, the evidence tells a different story about our children and the future in front of them.

The education gap is growing between the rich and the poor.

It is harder for Americans to rise from the lower rungs of the economic ladder.



What You Can Do



Our Generation' Re pon ibilit

"Those who expect to reap the blessings of freedom must...undergo the fatigue of supporting it." (Thomas Paine)

"You can always count on Americans to do the right thing – after they've tried everything else." (Winston Churchill) "Freedom is never more than one generation away from extinction. We didn't pass it to our children in the bloodstream. It must be fought for, protected, and handed on for them to do the same, or one day we will spend our sunset years telling our children and our children's children what it was once like in the United States where men were free." (Ronald Reagan)

"To save man from the morass of propaganda, in my opinion, is one of the chief aims of education. Education must enable one to sift and weigh evidence, to discern the true from the false, the real from the unreal, and the facts from the fiction." (Martin Luther King)





New Mexico Home Visiting Annual Outcomes Report, Fiscal Year 2013

Prepared by the University of New Mexico Center for Education Policy Research and the Center for Rural and Community Behavioral Health for the New Mexico Children, Youth and Families Department JANUARY 1, 201

Introduction

This first Annual Home Visiting Outcomes Report presents aggregate data about the outcomes for all Children, Youth and Families Department (CYFD)-administered home visiting programs funded by the State of New Mexico in Fiscal Year 2013 (FY13). The report was prepared according to the requirements of NMSA 1978, Sections 32A-23B-1 (2013), referred to here as the "Home Visiting Accountability Act," and is designed to inform policymakers and practitioners about the impact of the state's Home Visiting System on families and children in New Mexico.

New Mexico's Home Visiting System, FY13

Programs: 20 Counties Served: 22 Families Funded: 1,005 Home Visits: 20,224

Home Visiting in

FY13, At a Glance:

Home Visitors: 144

New Mexico's 20 home visiting programs serve 22 of New Mexico's 33 counties.



New Mexico's Efforts to Improve Early Childhood Education are Among the Best in the Country

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Meeting Cil ren's Nee s In an Out of Sc ool







Mission: Graduate

Central New Mexico faces daunting educational and economic challenges, now and in the future. We know that more of our young men and women need to graduate from high school and from college if they are to have the kinds of careers that will be fulfilling to them, their families, and our community. The challenges are daunting, but we are a community of hope and action.

In Januar 2013 a group of our communit ' top leaders signed the Central New Mexico Education Compact, which articulates the vision, goal, and key objectives for Mission: Graduate. That Compact declares our confidence that, working together, we can develop thoughtful solutions, both in school and out of school, to improve educational attainment for all residents of Central New Mexico. The Compact also commits us to the bold goal of producing 60,000 new graduates with college degrees and certificates in Central New Mexico by 2020.

http://MissionGraduateNM.org

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Hig er E ucation an Albuquerque's Future



Innovate ABQ

Innovate ABD, a collaborative initiative among UNM, STC, government and the business community, is an idea whose time has come. It is a plan that will create a highly connected community where people can live, work and buy innovate ABD to things together the research power of the tablers that splay bunchersity with Albupenque's entrepretential and established business.

The vision of the initiative is to create an integrated community that is multi-dimensional. Research and commercial labs, science and technology companies, educational programs, business services, support services, and commercial and retail business as share space and abusiness incubator in away that allows people to work logent as a they wide and be an escender and the community that is connected to UNIX. The idea is to create a one-stos-shop approach for companies, infrestremus and imvestors seeking be valuate new technology tusiness oportunities. The integrated community work also include to the esciented allows amenities for the workers who benefit from the new jobs created by this synergy.

The mission of the initiative is to the strengthen the economic base in the mid Rio Grande region and throughout the state of Yeav Macio by creating more knowledge-worker joos for granuates from our educational institutions and esperinced whorkers in our communities. The mission is adreved of commercialism new Homogose developed at our research universities, by publicipricale partnering with our national lass, butliness organizations chickleaded at our research universities, by publicipricale partnering with our national lass, butliness organizations chickleaders, non-profit sector, national and global corporations, and public schools, and by providing entrygrenustral declans and support.

Innovate ADQ creates a mutually supportive relationship between scientific institutions and a concentration of technology businesses. New Mexico has good science and it has tatented entrepreneurs and investors who can be brought together to create a timiting ecosystem of innovation and economic output.



Central New Mexico Community College		Georgiet' Sulten Dann
About CNM • Registration •	Student Resources Programs of Study Jobs	Maps & Directory •
my CNM>	You are here: Home / News / Child Wins National Student Success Award	
	CNM Wins National Student Success	Award
New at CNM	April 23, 2013 - When it comes to helping students succeed, no community colleg in the country does it better than CNM. The American Association of Community Colleges, which represents nearly 1, 2000 community colleges nationwide, announced on Tuesday that CNM is the winner of its premier award, the Student Success Award.	
CNM Media Relations		
CNM Facts		
CNM in the News		
CNM on YouTube		
Faculty and Staff Newsroom	Communy Gengra Acoustion in County This is analysis, "CMA President Kahler Whogdad skall from San Francisco on Turesday after the averal presentation." And if a atmost an overnetering expenses because i know the ACCC has been such a passionate abrocate for the important role of community colleges to so many years, and it has the en instative to spotfat community colleges that arg pair.	
The Suncat Times		Winograd accepts the Student
Apply to CNM		Chill from American Association of Community Colleges President and CEO Watter G. Bumphus and AACC Board of Directors Chair Marie Foster Gnage.
2 Financial Aid		
3 See an Arbitrar	above and beyond. CNM being chosen for this Student Success Award is really special for our college and our community. It	





Our Request of You

- The issues are complex. We need people to carefully consider the issues, and then argue their perspectives in constructive ways.
- How do we ensure that our community can talk about the most challenging topics in civil ways?
- We believe successful education reform must emphasize factors both inside and outside of school.
- Many New Mexicans have not made up their minds about education policy. This is an area where good discussion can make a difference.



Education in New Mexico: What Does the Future Hold?



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