“Once in a lifetime opportunity…”

Senator George Munoz, D-Gallup


DEKKER
PERICH
SABATINI
Architecture
in Progress
1959
SERVING PUBLIC + PRIVATE
CLIENTS FOR 60 + YEARS
MULTIDISCIPLINARY
DESIGN FIRM
ARCHITECTURE
STRUCTURAL ENGINEERING
INTERIOR DESIGN
LANDSCAPE ARCHITECTURE
PLANNING
203 STAFF
LOCATED IN 3 REGIONAL
OFFICES

Facts:

5 Largest State in Land Area (121,589 sq. miles)

49 in Water Area (233 sq. miles)

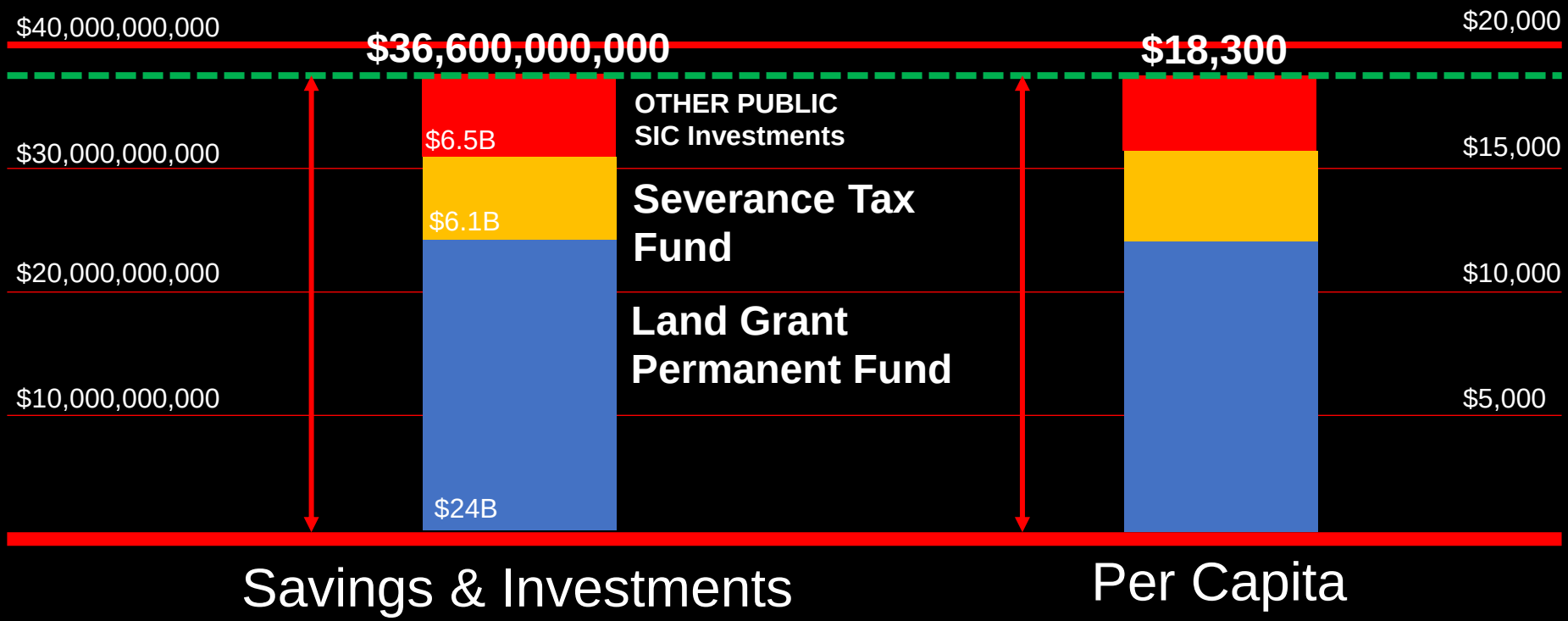
37 in Population (2,081,000)

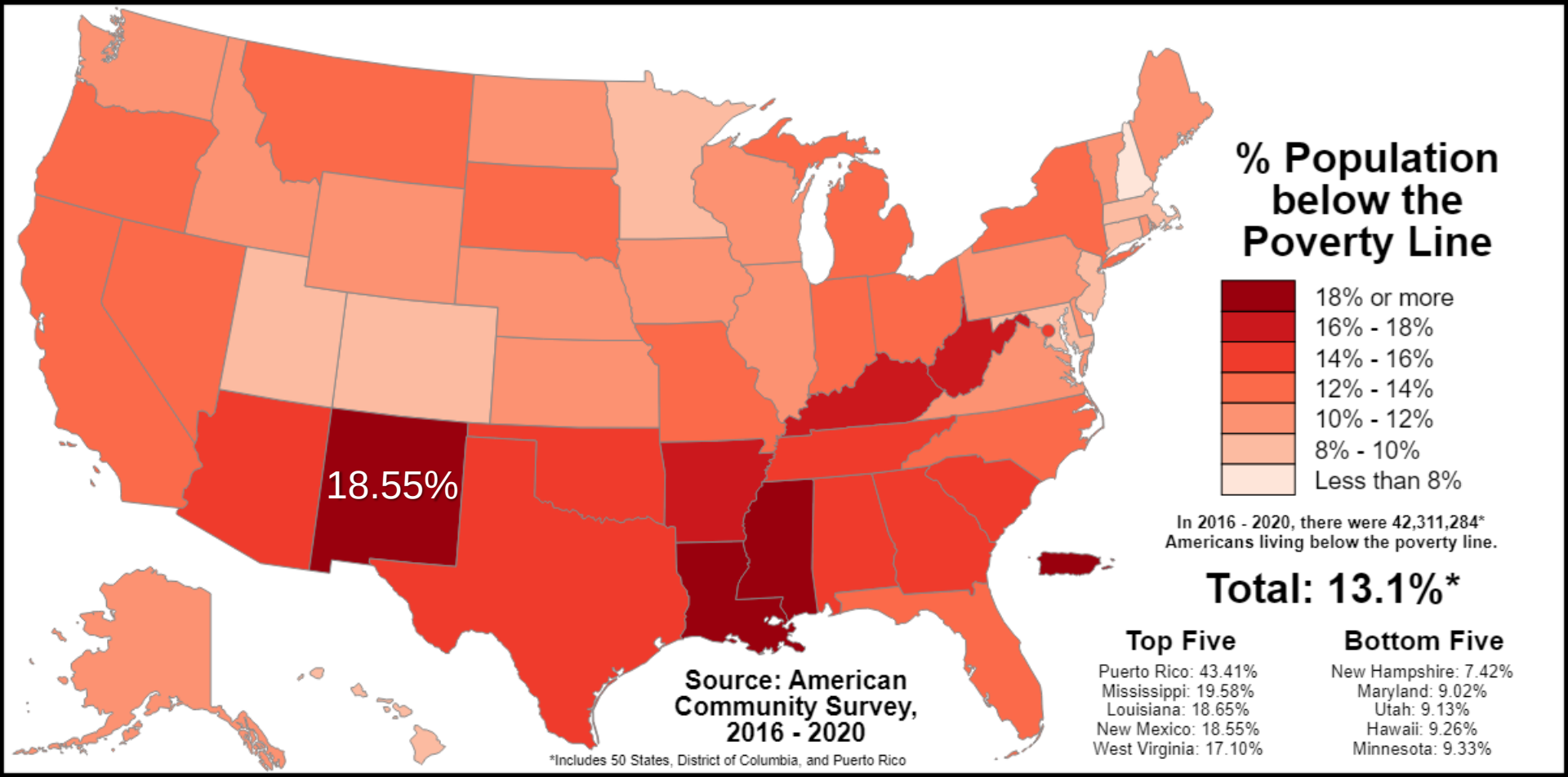
46 in Density (population per square mile-19)

 # 27 NM Inc. $95.1 Billion

(# 27 Chevron $94.6 Billion…#26 Comcast $103.5 Billion 2022 Fortune 500)

New Mexico has the 3rd largest sovereign wealth fund in the U.S.



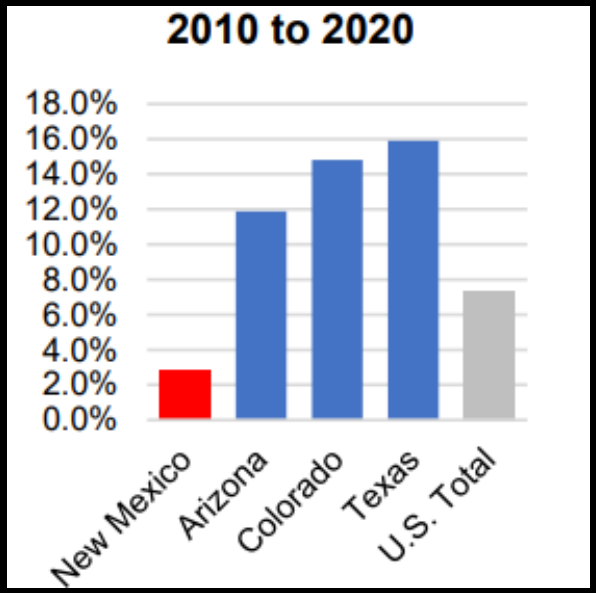

% Population below the Poverty Line
18% or more
16% - 18%
14% - 16%
12% - 14%
10% - 12%
8% - 10%
Less than 8%
18.55%
In 2016 - 2020, there were 42,311,284* Americans living below the poverty line.
Total: 13.1%*
Top Five
Puerto Rico: 43.41%
Mississippi: 19.58%
Louisiana: 18.65%
New Mexico: 18.55%
West Virginia: 17.10%
Bottom Five
New Hampshire: 7.42%
Maryland: 9.02%
Utah: 9.13%
Hawaii: 9.26%
Minnesota: 9.33%
Source: American Community Survey, 2016 - 2020
*Includes 50 States, District of Columbia, and Puerto Rico

Spotlight

Program Evaluation Unit
Legislative Finance Committee
April 2021

NEW MEXICO LEGISLATIVE FINANCE COMMITTEE

"New Mexico's population only grew 2.8 % from 2010 to 2020, below the national average of 7.4% and far below neighboring states where average growth was 14.2%..."



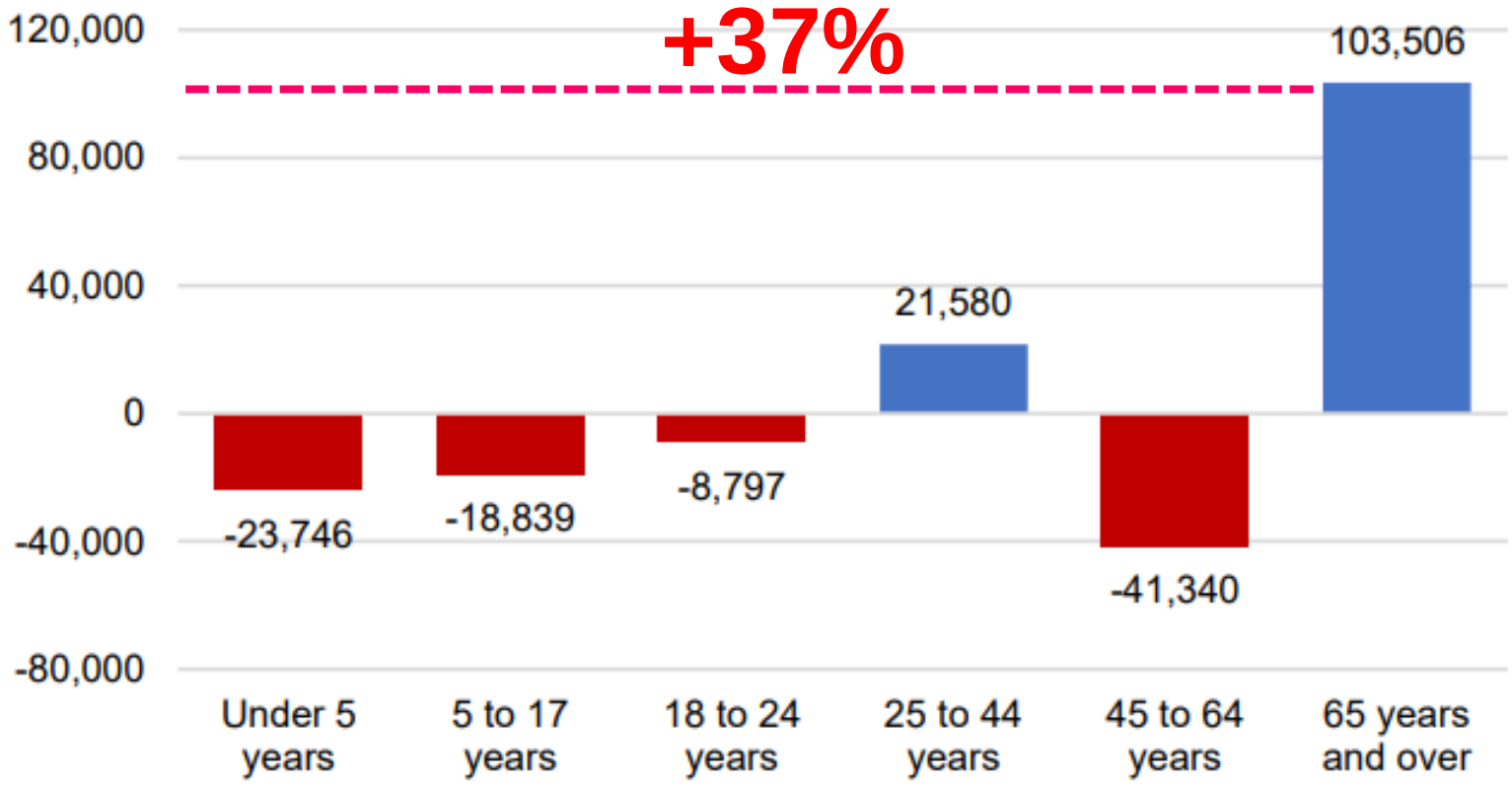
"…a continuing decline in population due to lower birth rates and more people leaving New Mexico than moving to the state since 2012."

Spotlight

Program Evaluation Unit
Legislative Finance Committee
April 2021

NEW MEXICO LEGISLATIVE FINANCE COMMITTEE

Chart 3. Changes in Population, New Mexico 2010 to 2019



Source: U.S. Census Bureau, Population Division

New Mexico KIDS COUNT Profile

NEW MEXICO VOICES FOR CHILDREN

new mexico kids count

National Rank* (2022): 50th

Domains	Indicators of child well-being			
Economic Well-Being	**Children living in poverty** 26% — 121,000 children (2016-20) Improved since 2008-12 (28%) Worse than 2016-20 US avg. (17%)	**Children whose parents lack secure employment** 34% — 162,000 children (2016-20) Same as 2008-12 (34%) Worse than 2016-20 US avg. (27%) Indicator rank: 4[illegible]	**Children living in households with a high housing cost burden** 27% — 131,000 children (2016-20) Improved since 2008-12 (33%) Better than 2016-20 US avg. (30%) Indicator rank: 24th	**Teens not in school and not working** 10% — 11,000 teens (2016-20) Improved since 2008-12 (11%) Worse than 2016-20 US avg. (7%) Indicator rank: 47th
	[illegible]ot 56% — 29,000 children (2016-20) [illegible]12 (60%) [illegible]g. (53%)	Fourth [illegible] profi[illegible] [illegible]9) Wor[illegible]80%) [illegible]age (66%)	[illegible]s not [illegible]ath 79% Improv[illegible] Worse than [illegible] Inc[illegible]	**High school students not graduating on time** 25% — (2018-19) Improved since 2010-11 (37%) Worse than 2018-29 US avg. (14%) Indicator rank: 50th
	Low[illegible] 8.9% [illegible]s [illegible]7%) [illegible]ege (8.2%) [illegible]36th	[illegible]out [illegible]nce [illegible]children [illegible]-20) Improve[illegible] Worse than [illegible] Indica[illegible]	Child a[illegible]h rate 37[illegible] [illegible]ns [illegible](36) [illegible]erage (28) [illegible]44th	**Teens who are overweight or obese** [illegible]% [illegible]19-20) W[illegible]ed since [illegible]7 (30%) Wo[illegible]n 2019-2[illegible]vg. (32%) [illegible]dicator r[illegible]
Family and Community Domain Rank: 48th	[illegible]ildren in single-parent families 43% — 194,000 children (2016-20) Worsened since 2008-12 (41%) Worse than 2016-20 US avg. (34%) Indicator rank: 48th	Children in families wi[illegible] household head lacks high school diploma 15% — 71,000 children (2016-20) Improved since 2008-12 (20%) Worse than 2016-20 US avg. (12%) Indicator rank: 46th	[illegible]ildren living in high-poverty areas 20% — 95,000 children (2016-20) Improved since 2008-12 (22%) Worse than 2016-20 US avg. (9%) Indicator rank: 49th	[illegible]een birth rate per 1,000 22 — 1,485 births (2020) Improved since 2010 (53) Worse than 2020 US average (15) Indicator rank: 41st

50th

*Due to data collection issues during the COVID pandemic, neither the overall ranking nor the indicator rankings for 2022 are comparable to rankings in previous years.

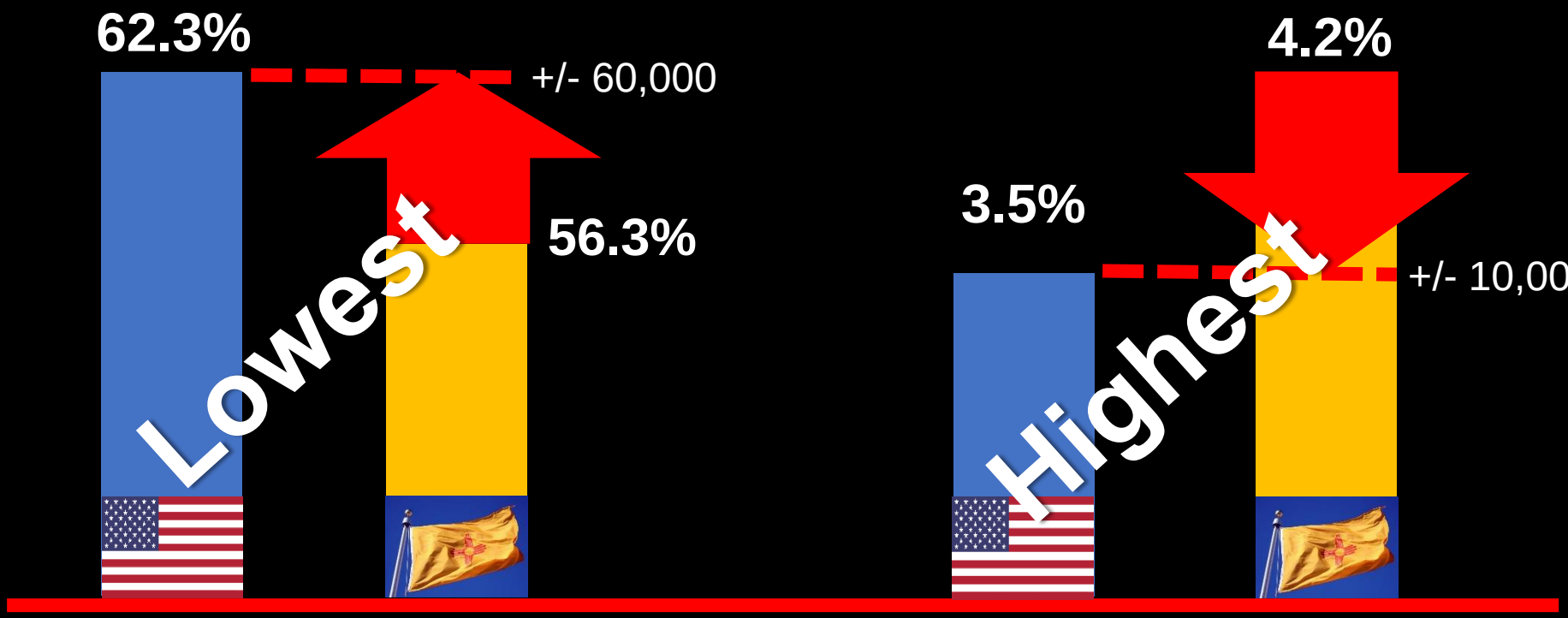
**Due to a change in one of the health indicators in 2020, neither the overall rank nor the health domain rank are comparable to these rankings prior to 2020.

Source: *KIDS COUNT Data Book*, Annie E. Casey Foundation, 2022 (rankings); see reverse for data sources

8.1.2022

Get more KIDS COUNT data at datacenter.kidscount.org

70,000 +/-



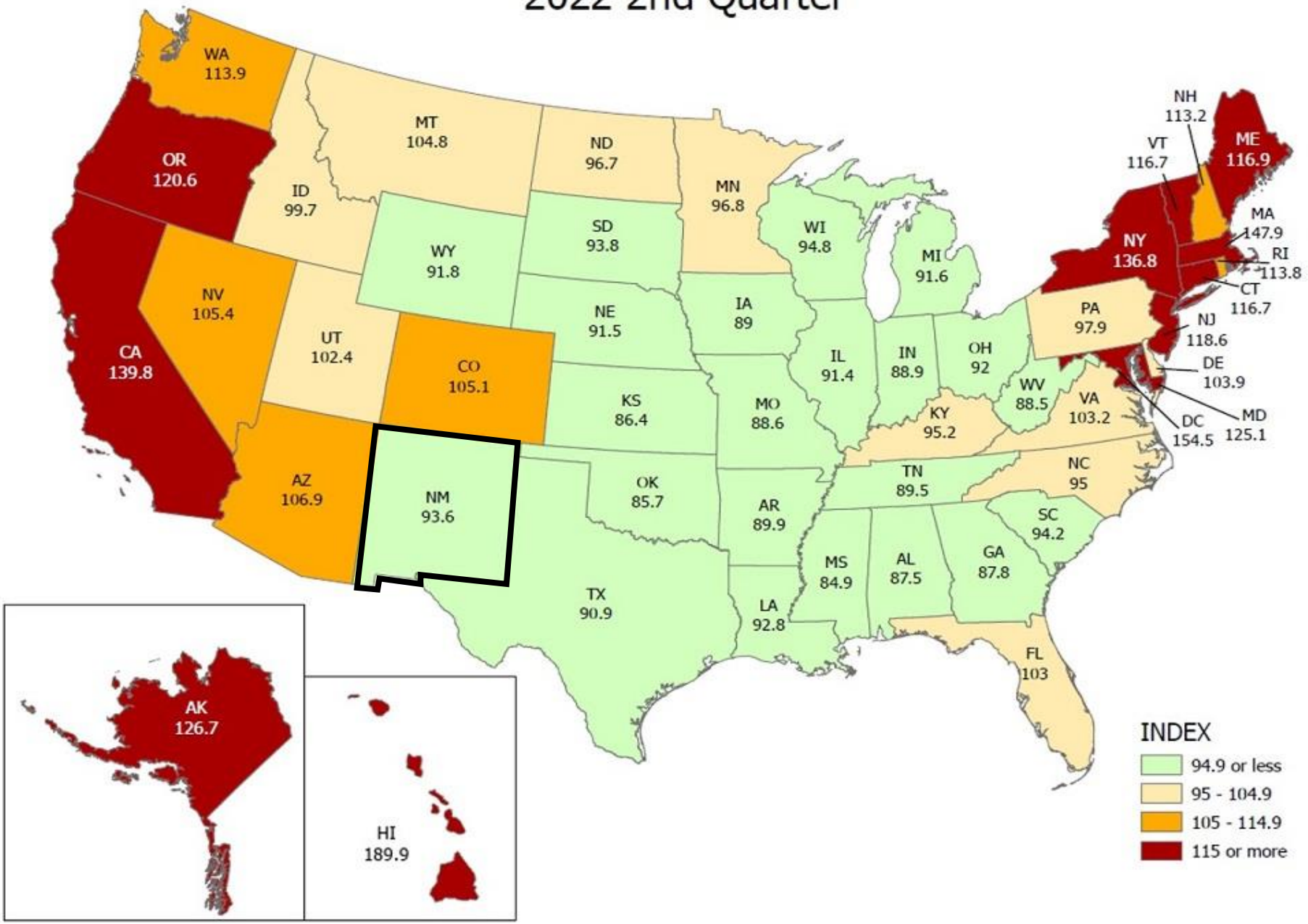
Source: FRED Sept 2022

Source: U.S. Bureau of labor Statistics-Sept 2022

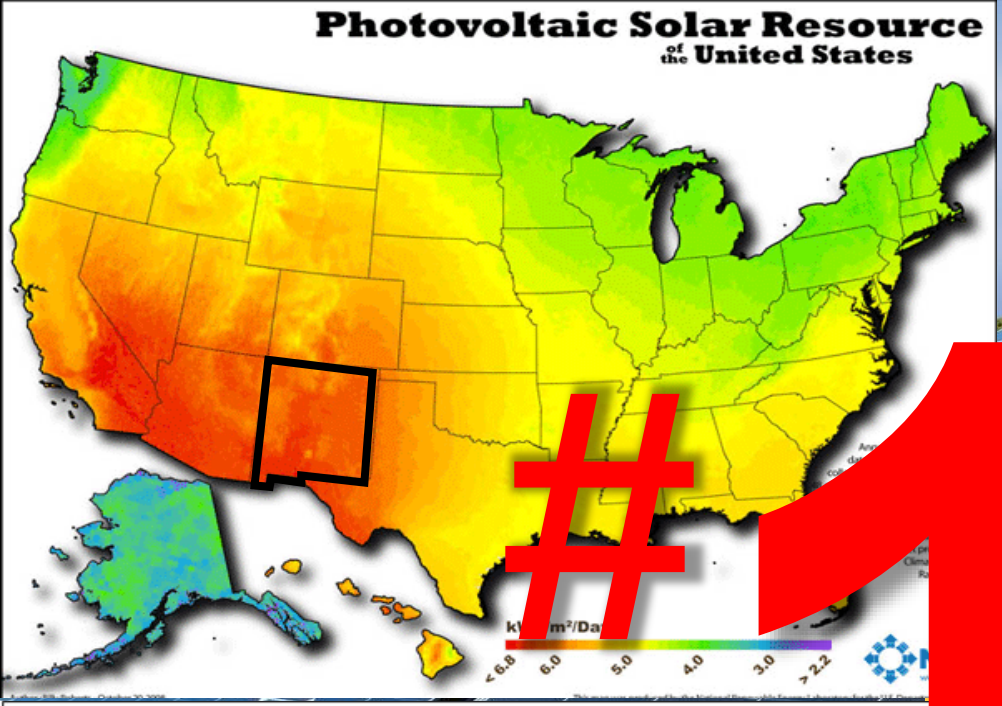

“the weather…”

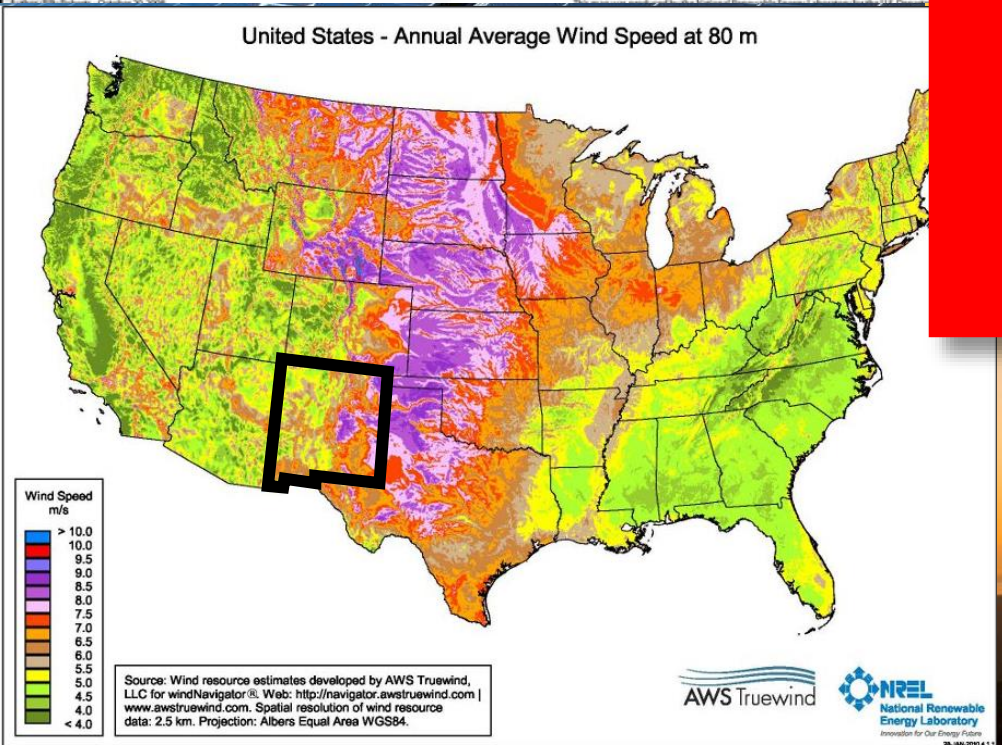

HEALTH
MEET
GAMMA
RAY
WATER
VOLCANOES
DROUGHT
LEAD
LAHARS
INVOLVEMENT
UNNATURAL
AREAS
GOD
PEOPLE
DISASTER
PRODUCE
FLOOD
NATURAL
DISASTERS
TECTONIC
VIOLENT
DISEASE
ERUPTION
LOST
AIR
LIKE
AFFECTS
EVENT
SHAPE
FIRE
OFTEN
WAVES
EARTH'S
LOSSES
VIBRATIONS
CONTINUOUSLY
LOSS
TRIGGER
ACCUMULATED
TSUNAMIS

Composite Cost of Living Index
2022 2nd Quarter



“New Mexico has the Lowest Cost of Renewable Energy”

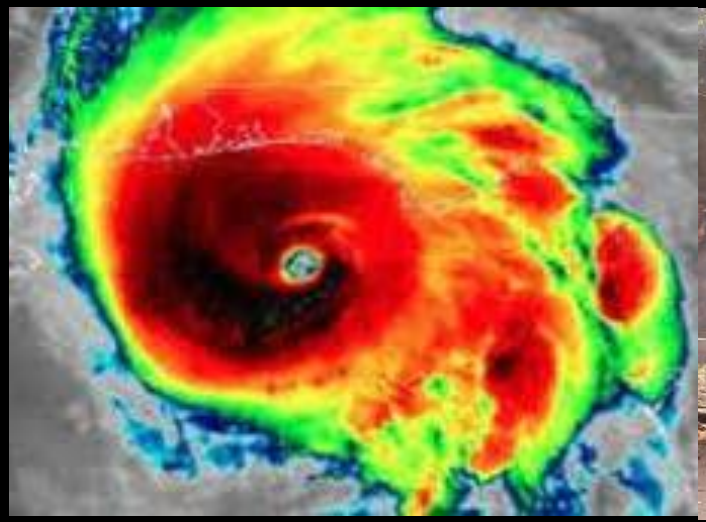

Photovoltaic Solar Resource
of the United States
#1
< 6.8
6.0
5.0
4.0
3.0
> 2.2


United States - Annual Average Wind Speed at 80 m
Wind Speed
m/s
> 10.0
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
< 4.0
Source: Wind resource estimates developed by AWS Truewind, LLC for windNavigator®. Web: http://navigator.awstruewind.com | www.awstruewind.com. Spatial resolution of wind resource data: 2.5 km. Projection: Albers Equal Area WGS84.
AWS Truewind
NREL
National Renewable Energy Laboratory

“The pessimist sees difficulty in every opportunity. ***The optimist sees opportunity in every difficulty.”***

Sir Winston Churchill

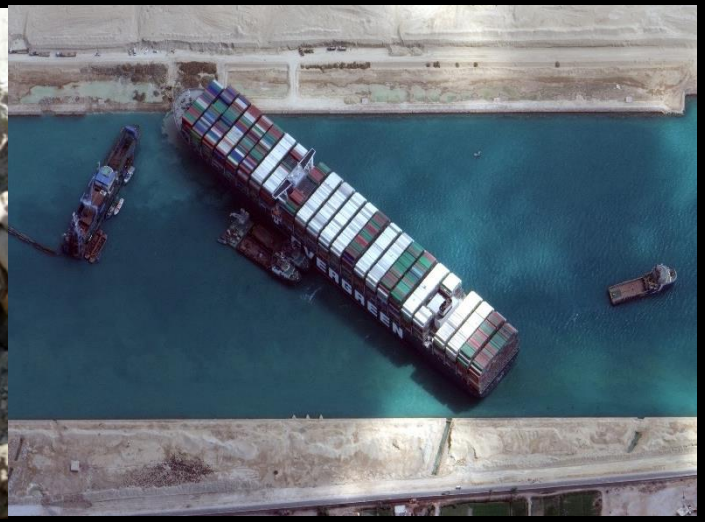
Supply Chain **Disruption**



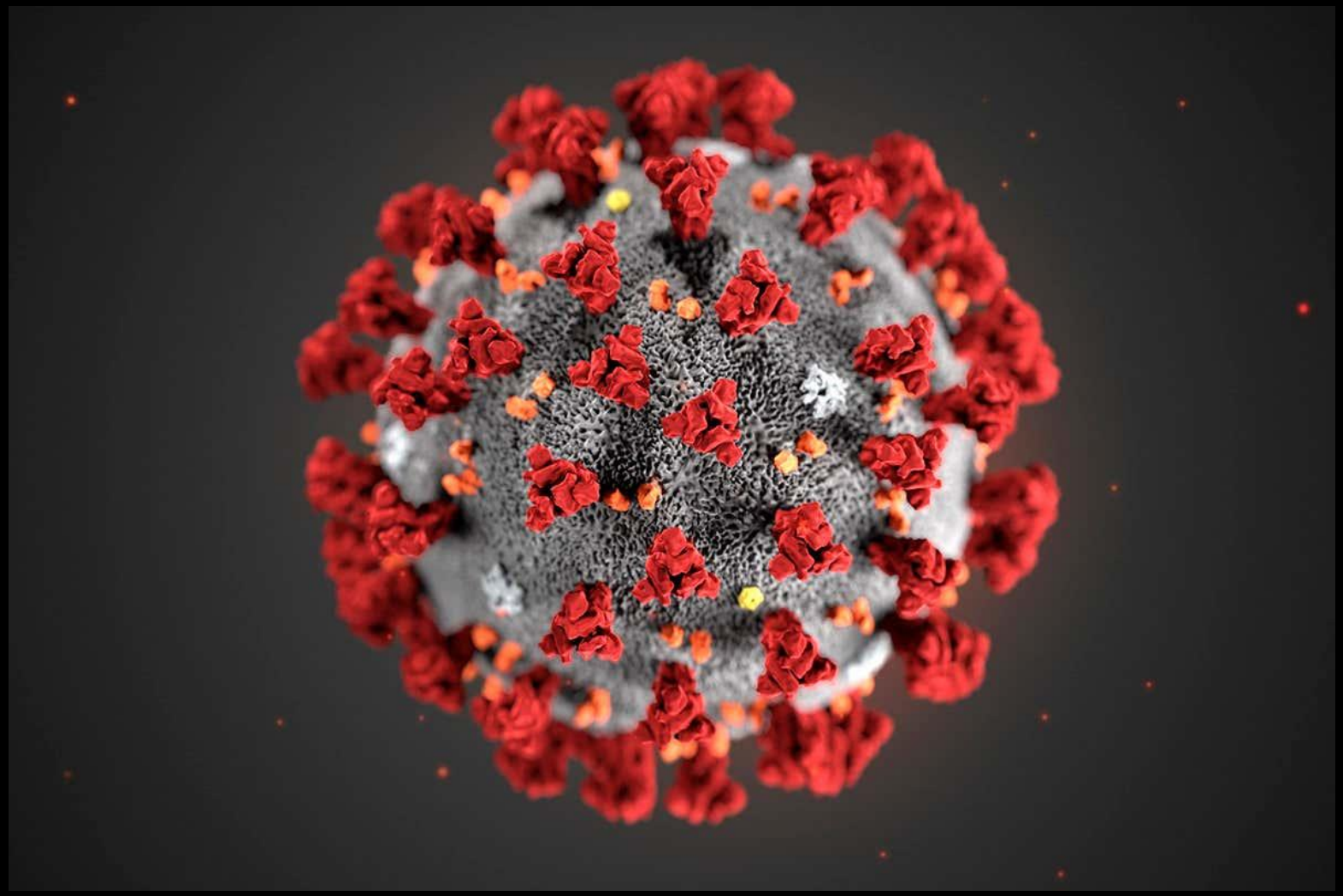
Extreme Weather-
Climate Change

Political

Human Rights



Accidents



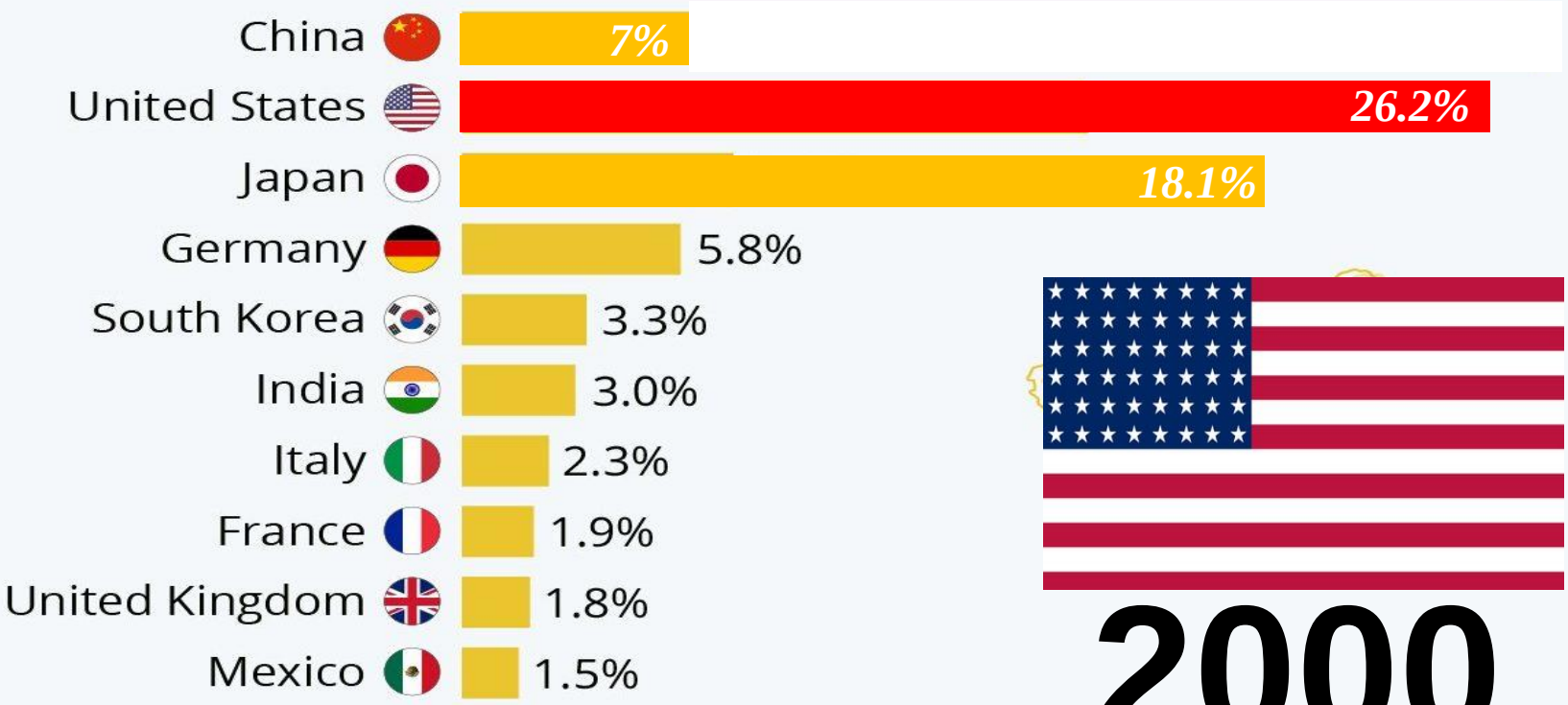
“The shockwaves of the coronavirus pandemic cannot be overstated.”

2021 Kearney-Confidence Index

https://businessfacilities.com/2020/04/top-10-covid-19-takeaways-for-corporate-site-selection/

United States the World's Manufacturing Superpower

Top 10 countries by share of global manufacturing output in 2000 *



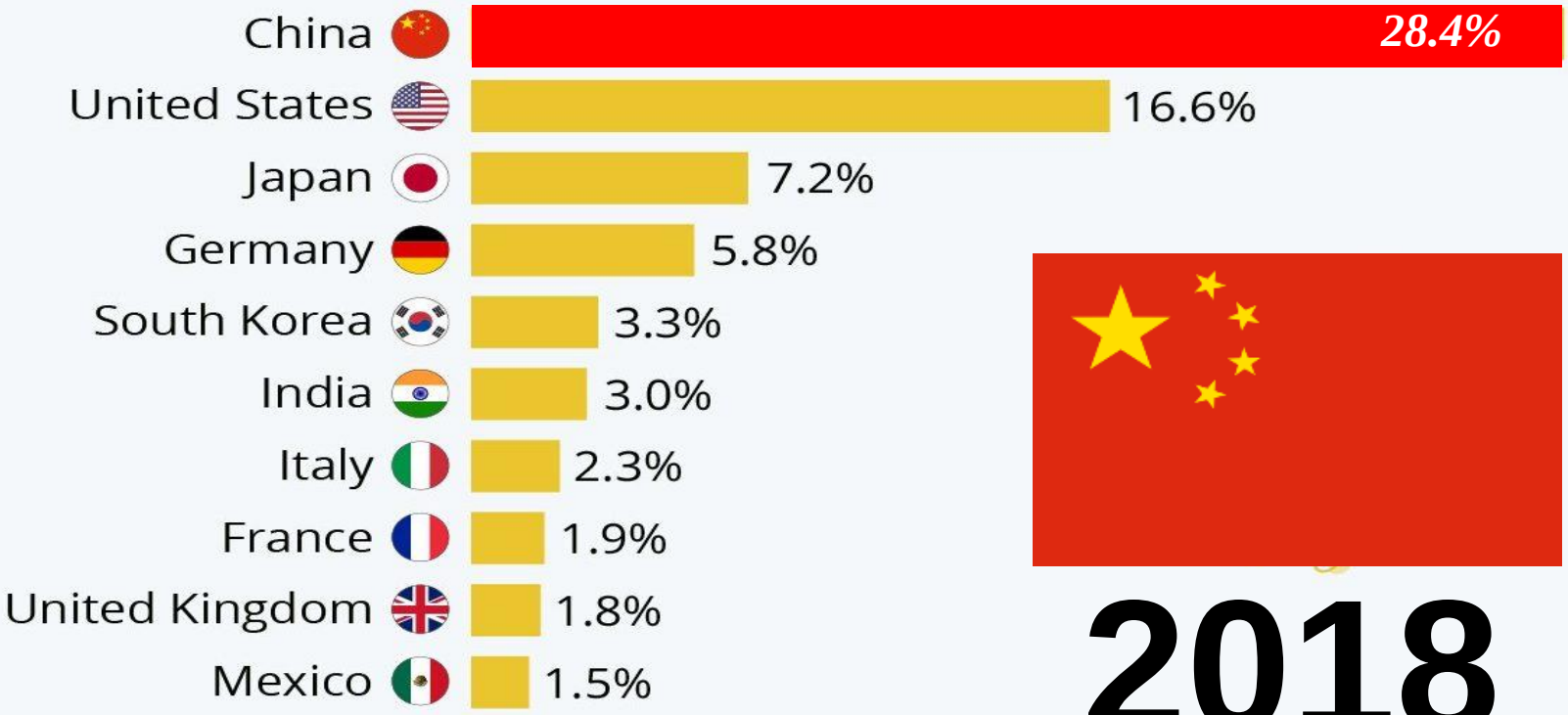
2000

* output measured on a value-added basis in current U.S. dollars

Source: United Nations Statistics Division

China Is the World's Manufacturing Superpower

Top 10 countries by share of global manufacturing output in 2018*



2018

* output measured on a value-added basis in current U.S. dollars

Source: United Nations Statistics Division

BUILDING RESILIENT SUPPLY CHAINS, REVITALIZING AMERICAN MANUFACTURING, AND FOSTERING BROAD-BASED GROWTH

100-Day Reviews under Executive Order 14017

THE WHITE HOUSE
WASHINGTON

BUILDING RESILIENT SUPPLY CHAINS, REVITALIZING AMERICAN MANUFACTURING, AND FOSTERING BROAD-BASED GROWTH

100-Day Reviews under Executive Order 14017

Critical Infrastructure

Pharmaceuticals

Medical Equipment/PPE

Aerospace

Microelectronics

Advanced Manufacturing

Rare Earth Minerals

Defense Industrial Base

THE WHITE HOUSE
WASHINGTON

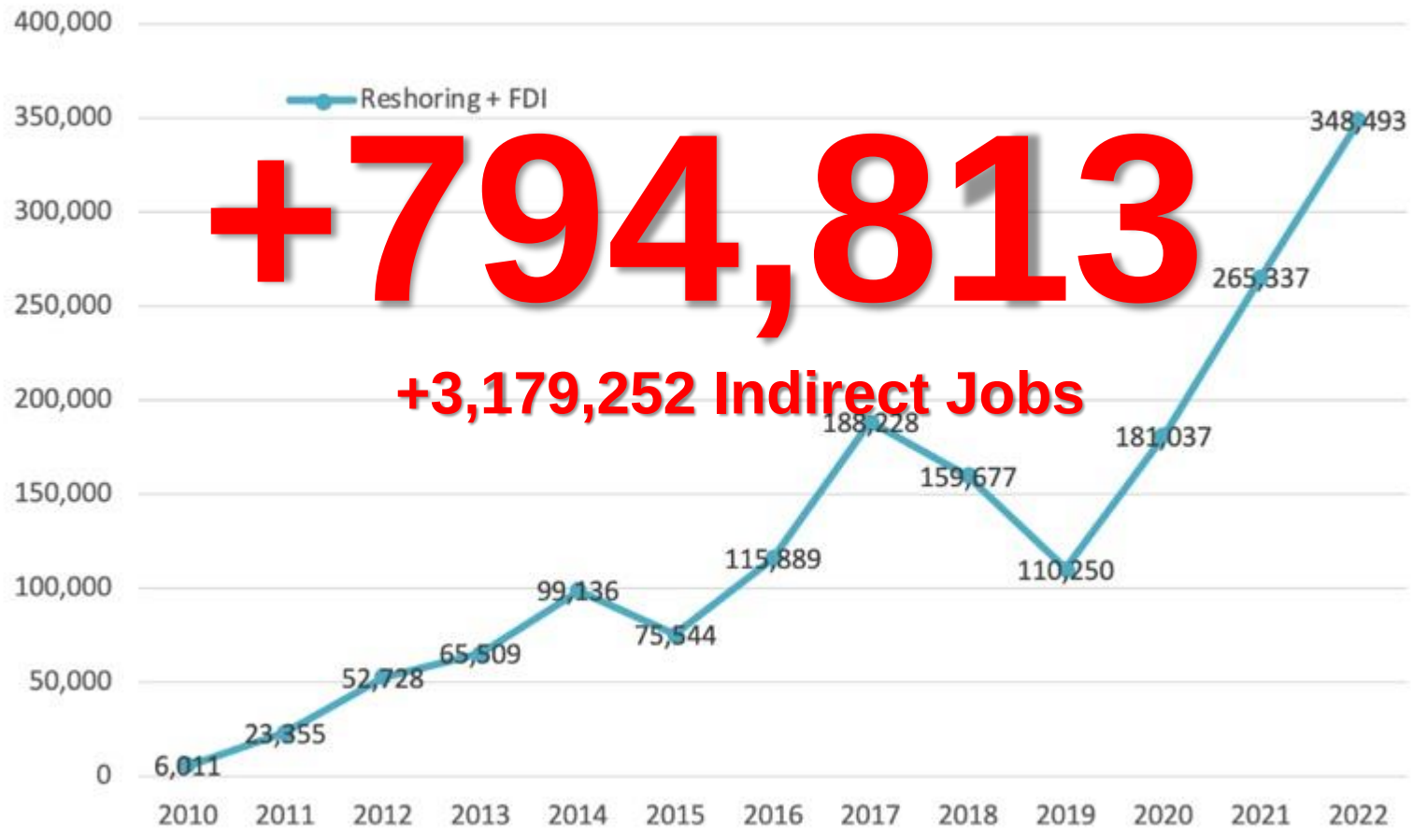
“Shoring” up America’s Economy in the NEXT NORMAL

Critical Infrastructure

- Pharmaceuticals
- Medical Equipment/PPE
- Aerospace
- Microelectronics
- Advanced Manufacturing
- Rare Earth Minerals
- Defense Industrial Base

- ReShoring
- OnShoring
- NearShoring
- GreenShoring
- GreenOnShoring
- FriendShoring

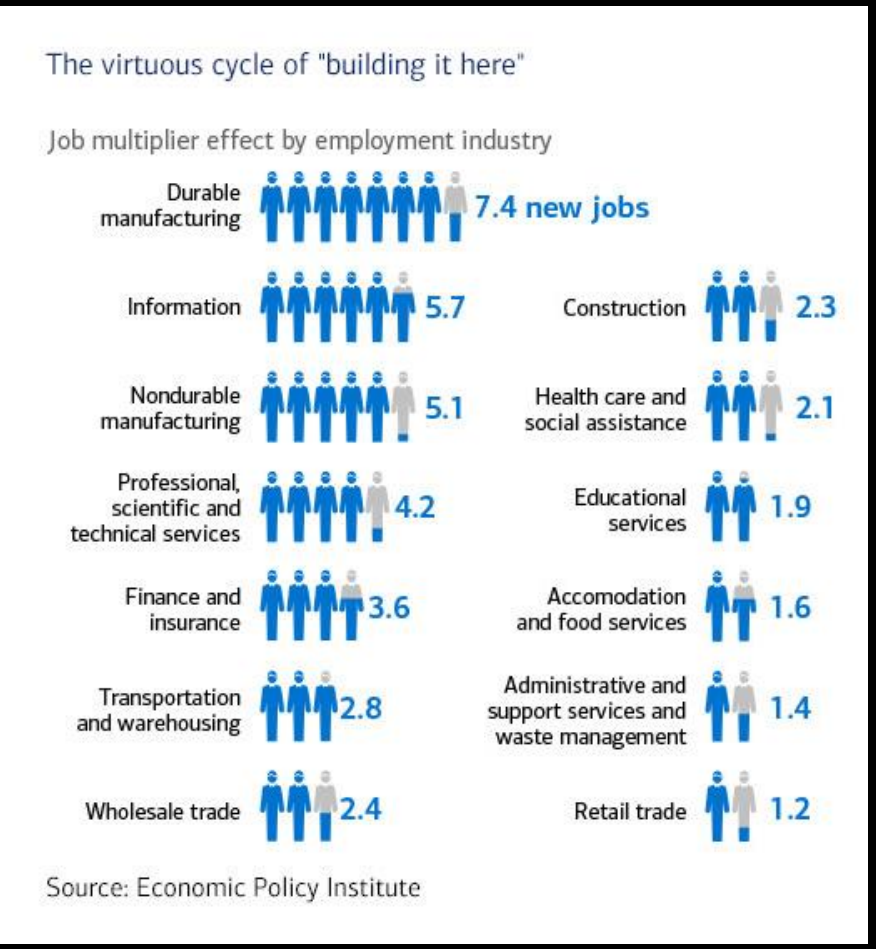
Job Announcements per Year, Reshoring + FDI, 2010 thru 2022-projected



Source: Reshoring Initiative Reshoring Database

Reshoring Initiative®
Bringing Manufacturing Back Home

Job Creators: The Multiplier Effect



1 → 4+

https://www.bofaml.com/en-us/content/reshoring/role-of-government-reshoring-incentives.htmlA way out of economic stagnation?

IndustryWeek

Chris Keaveney Aug. 18, 2022

“Our nation is facing a dire shortage of manufacturing workers.”

“**Upskilling and reskilling** of existing employees is also a vital piece of this employment puzzle.”

The National Association of Manufacturers forecasts that by 2030, the U.S. could have **2.1 million** unfilled manufacturing jobs.

“A 2018 survey by Deloitte/Manufacturing Institute projects **2.69 million** more manufacturing workers will retire by 2030.”

“A National Security Imperative.”

May 9, 2022

Dear Leader Schumer, Leader McConnell, Speaker Pelosi, Leader McCarthy, and Members of the Bipartisan Innovation Act Conference Committee,

“American leadership in technology, a cornerstone of competitiveness, rests in large part on our ability to leverage domestic and international talent….”

“The U.S. remains the most desirable destination for the world’s best international scientists and engineers…”

“With the world’s best STEM talent on its side, it will be very hard for America to lose. Without it, it will be very hard for America to win.”

Signed by over 50 former state department, DOE, military and intelligence community Members…

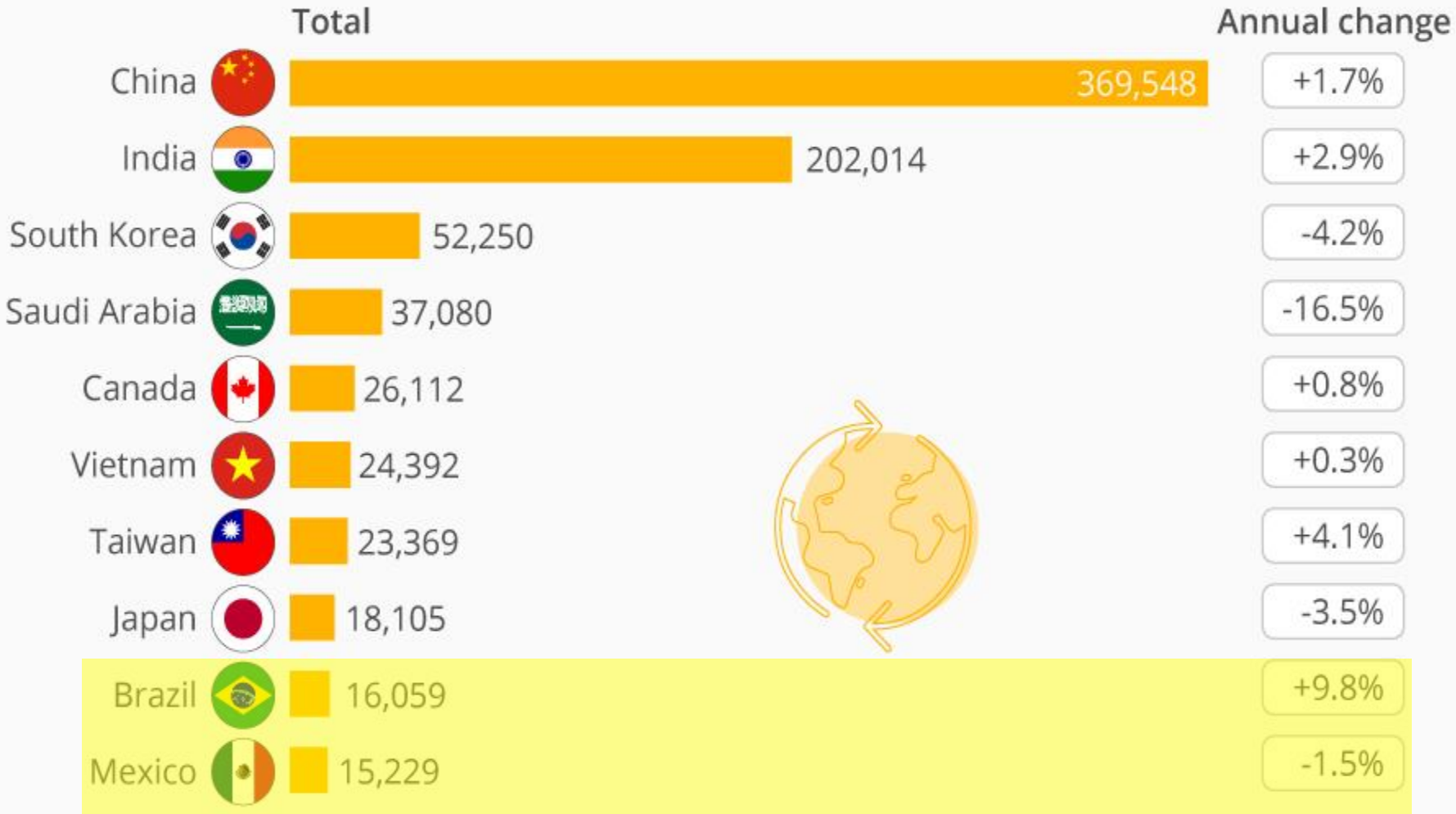
THE COUNTRIES WITH THE MOST STEM GRADUATES

Recent graduates in Science, Technology, Engineering & Mathematics (2016)

Source: World Economic Forum

Where America's International Students Come From

International enrollment in U.S. higher education in the 2018/19 academic year

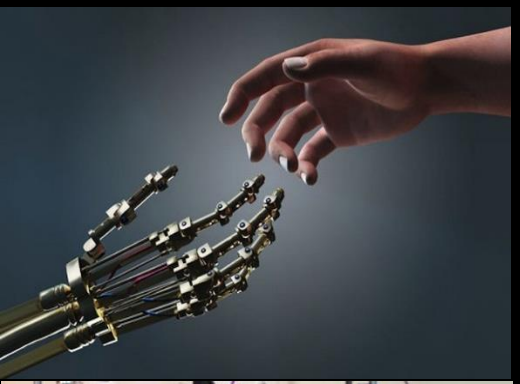


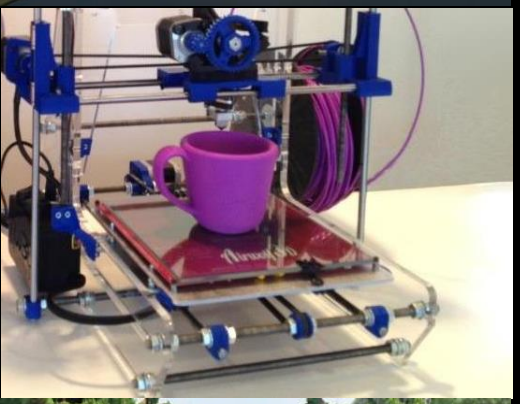
Source: IIE 2019 Open Doors Report on International Educational Exchange

Jacob Morgan is a trained futurist and one of the world's leading authorities on leadership, the future of work, employee experience, and leadership.

"If you don't think about and plan for the future of work then your organization has no future." Jacob Morgan

Mega Trends…

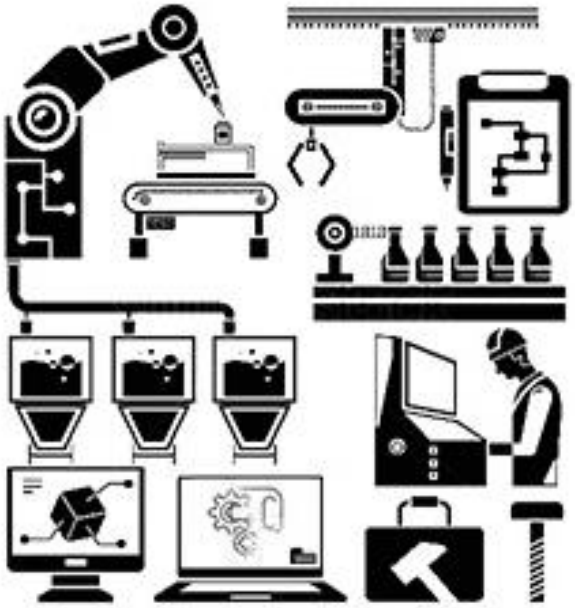




Robotics and Cobots
65% of jobs will require associates+
Big Data & Analytics
Quantum Computing

Industrial Revolutions 4.0-5.0
Intelligent Manufacturing
3-D Printing
Machine Learning & Artificial Intelligence
AR & VR (Augmented & Virtual Reality)

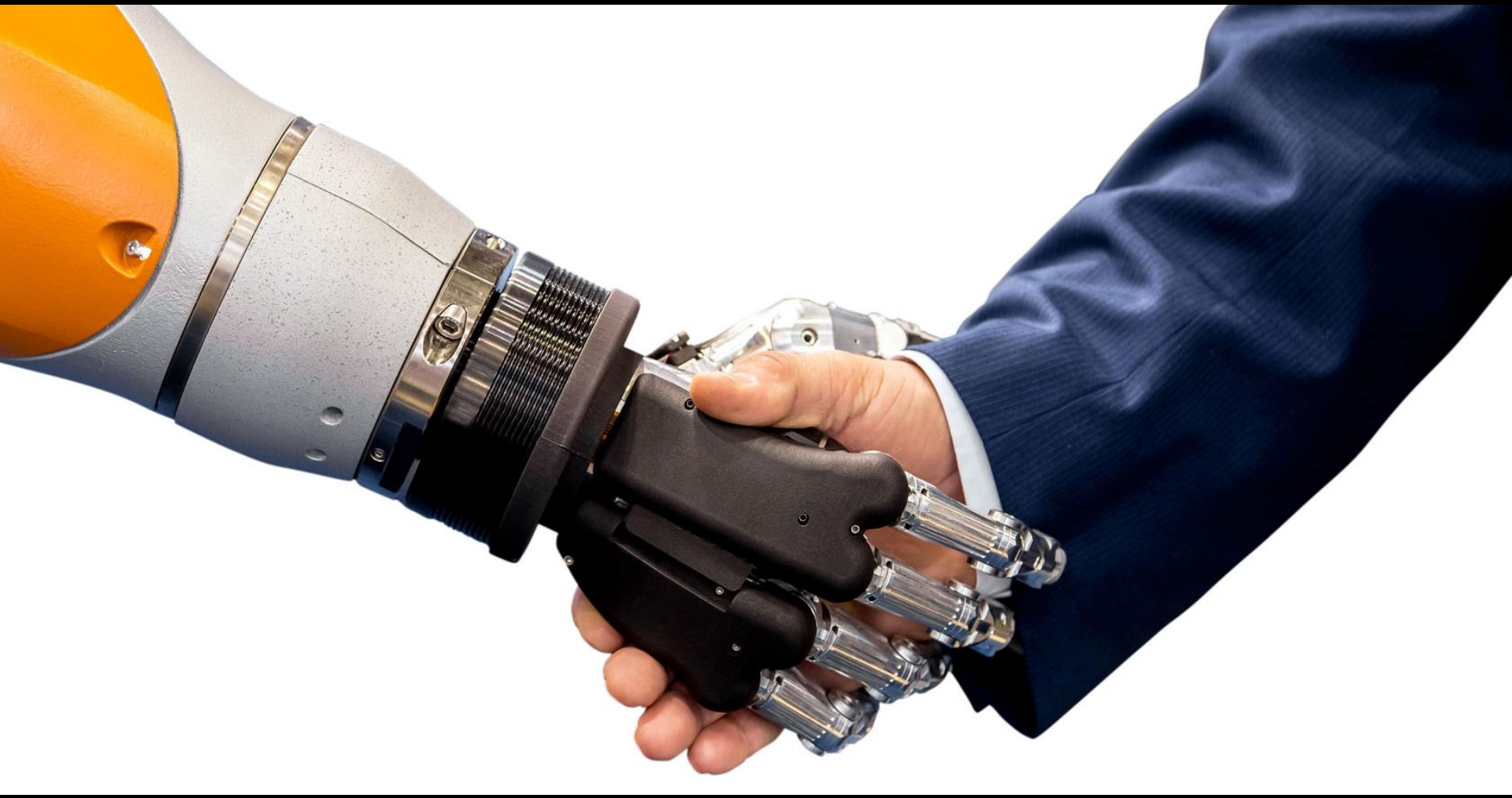
5G…Internet of Things (IOT)
Smart Sensors & Smart Cities
EV-Electric Vehicles
Autonomous Vehicles & Trucks
Climate Change Adaptation



Today

Industry 4.0
Intelligent production incorporated with IoT, cloud technology & big data

Industrial Revolution 4.0



https://www.rocketindustrial.com/blog/post/robot-vs-cobot

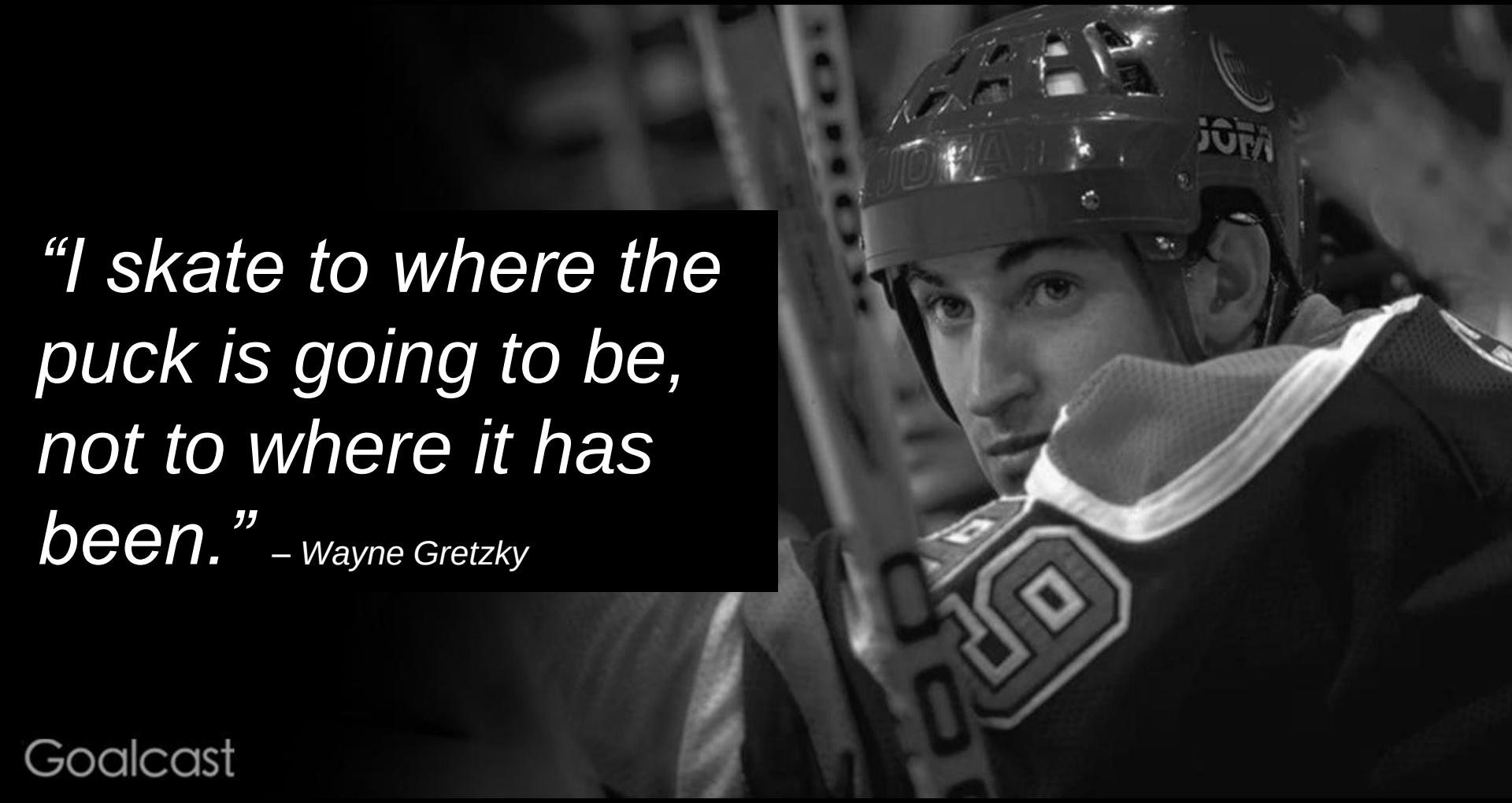
Industrial Revolution 5.0

Cobots

Mass customization & cyber physical human intelligence, cognitive systems

https://www.rocketindustrial.com/blog/post/robot-vs-cobot

Industrial Revolution 5.0


“I skate to where the puck is going to be, not to where it has been.” – *Wayne Gretzky*
Goalcast

"To build a diverse and robust economy that engages local talent, cultivates innovation, and delivers prosperity for all New Mexicans."

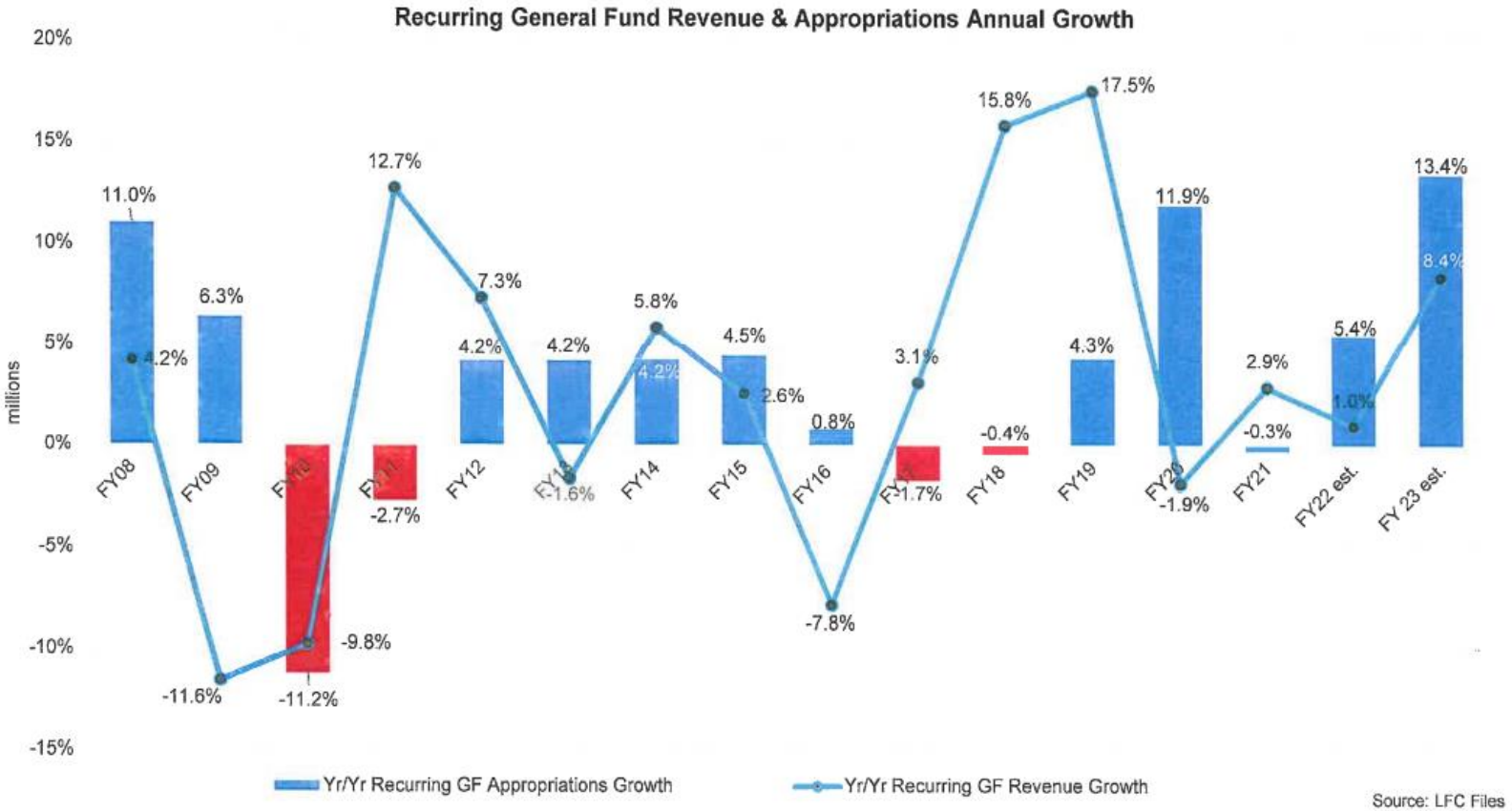
New Mexico's Economic Path Forward

Spotlight

Program Evaluation Unit
Legislative Finance Committee
April 2021

NEW MEXICO LEGISLATIVE FINANCE COMMITTEE

General Fund Revenue:
a history of volatility



Source: LFC Files

There are nine target industries for the state to actively pursue, and additional reasoning is provided further below:

NEW MEXICO ECONOMIC DEVELOPMENT DEPARTMENT

EMPOWER & COLLABORATE

New Mexico's Economic Path Forward

October 2021

A Summary of Findings & Recommendations from the Center for Innovation Strategy & Policy @ SRI International

Seven of the **TARGET INDUSTRIES** requires a robust **engineering** and **STEM** professional and technical workforce in order to meet the goals of the State EDD Plan…

"…**obstacles** for New Mexico's economic future fall into one of **six challenge areas…"**

3. **Misalignment between higher education and industry…**

"This **misalignment** is important to note given the skill intensity of New Mexico's target industries, which **generally require advanced skill levels in STEM related areas for employment."**

NEW MEXICO ECONOMIC DEVELOPMENT DEPARTMENT

EMPOWER & COLLABORATE

New Mexico's Economic Path Forward

October 2021

Align

Align

STEM

Align

Colleges of Education

NEW MEXICO HIGHER EDUCATION DEPARTMENT

Fostering Student Success from Cradle to Career

NMICC

NEW MEXICO INDEPENDENT COMMUNITY COLLEGES

nmacc

New Mexico Association of Community Colleges

NMPED

NEW MEXICO

Public Education Department

NEW MEXICO HIGHER EDUCATION DEPARTMENT

Fostering Student Success from Cradle to Career

Collaborate

Centers of Excellence

Align

- Programs & Resources
- Focus on institutional strengths

Partnerships

- National Labs
- Air Force Research Lab

Public/Private Partnerships

- Private Industry

Recruit & Retain

- International-Latin Americas (Mexico) and New Mexico STEM & Engineering Talent

Align

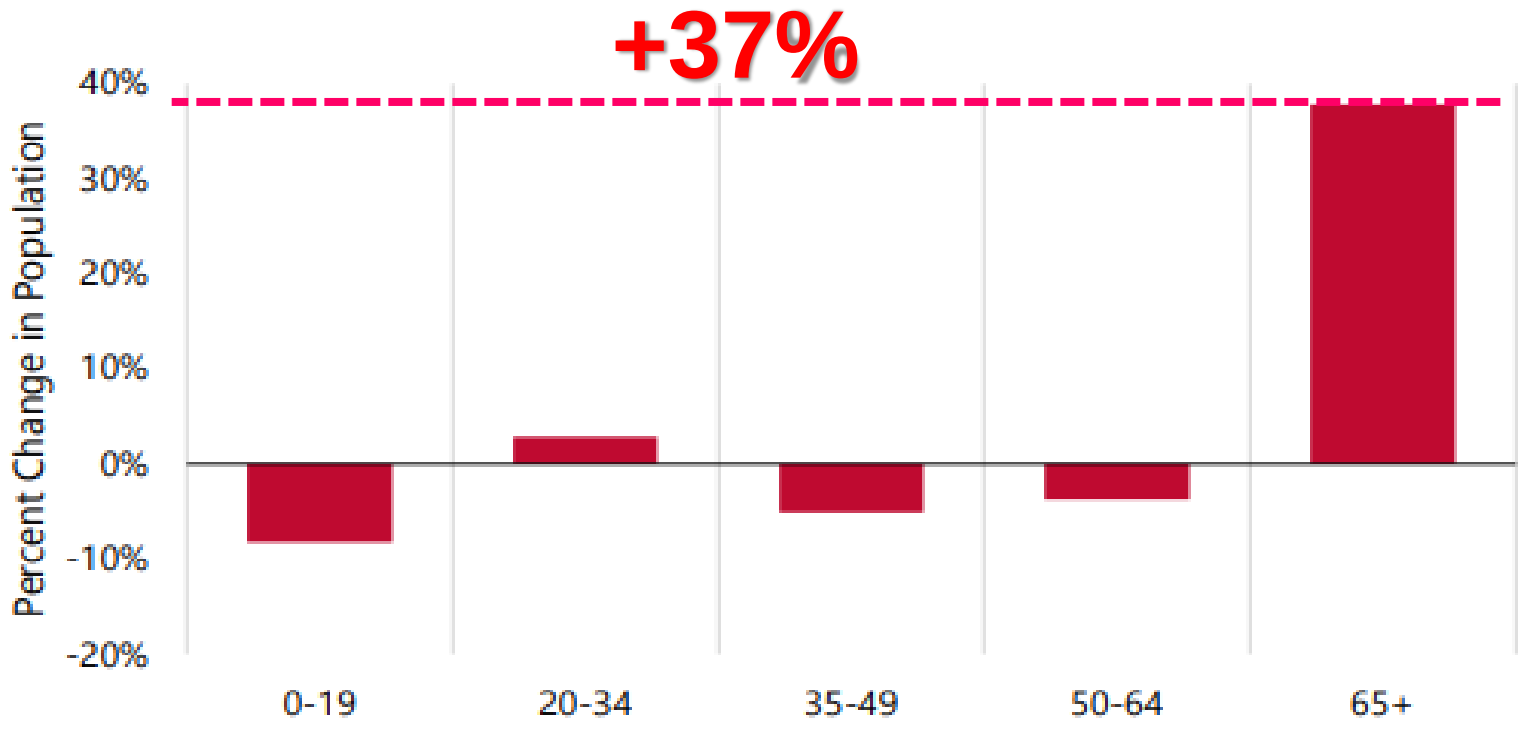
- Aerospace
- Biosciences
- Cybersecurity
- Film & Television
- Sustainable & Value-Added Agriculture
- Intelligent Manufacturing
- Sustainable & Green Energy

Where will the **workforce (Human Capital)** come from in order to implement the NM EDD Strategy?

New Mexico's State & Regional Economies

New Mexico Should Focus Efforts on Attracting Working-Age Populations, as Well as Workers with Families

Figure 70: Population Change between New Mexico and Peer States, by Age, 2010–2019. Source: U.S. Census Bureau Population Estimates.



NEW MEXICO ECONOMIC DEVELOPMENT DEPARTMENT

EMPOWER & COLLABORATE

New Mexico's Economic Path Forward

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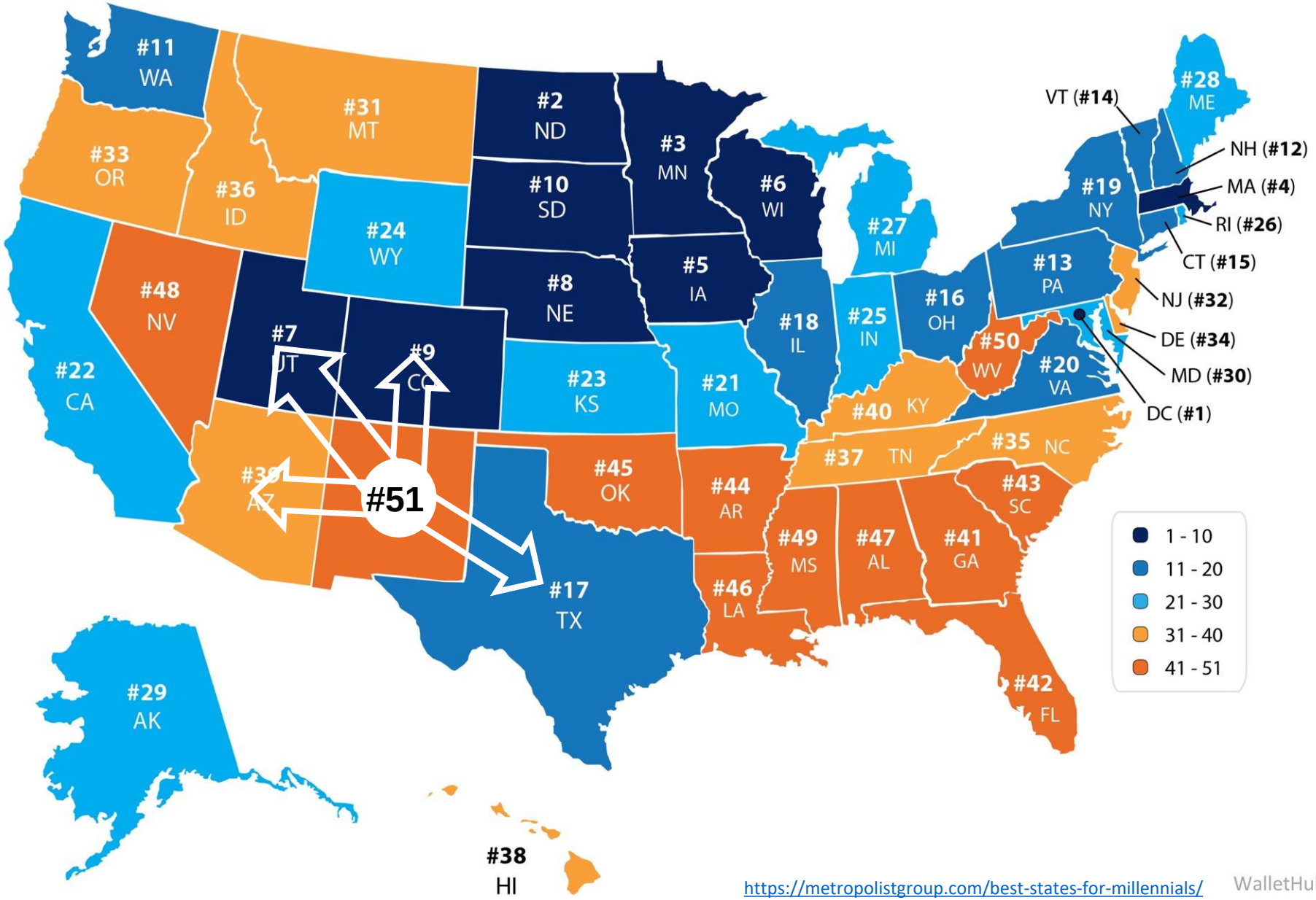
What are the *'Best States for Millennials'*?



https://metropolistgroup.com/best-states-for-millennials/

WalletHub

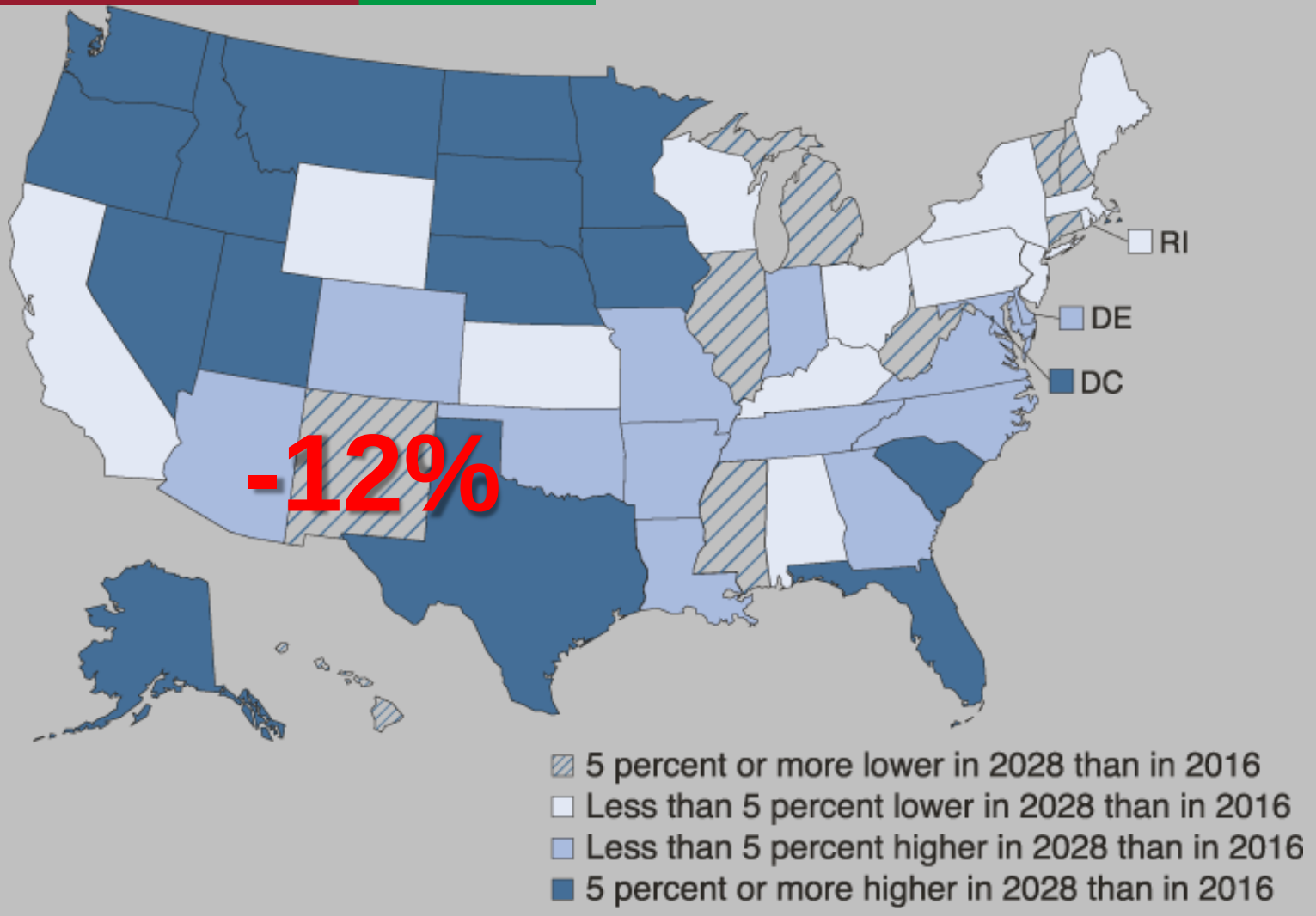
IES Institute of Education Sciences

Projections of Education Statistics to 2028

Forty-seventh Edition

A Publication of the National Center for Education Statistics at IES

NCES 2020-024
U.S. DEPARTMENT OF EDUCATION



Moving Forward:
enrollment

Full-time Equivalent Student Enrollment
10-Year History

INSTITUTION	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	F 2	Fall 2019	Fall 2020	10-Year % Change	5-Year % Change	YoY % Change
NMIMT	1,598	1,694	1,766	1,805	1,818		1,517	1,482	-7.3%	-18%	-2.3%
NMSU	14,381	14,139	13,608	13,036	12,724	12	11,852	11,908	-17.2%	-3%	0.5%
UNM	23,885	23,942	24,073	23,632	23,465	23	18,832	18,119	-24.1%	-21%	-3.8%
UNM Med	337	373	403	434	424		425	419	24.3%	0%	-1.4%
ENMU	3,977	4,111	4,039	4,133	4,110	4	3,761	3,609	-9.2%	-11%	-4.0%
NMHU	2,778	2,758	2,742	2,626	2,653	2	2,169	2,161	-22.2%	-18%	-0.4%
NNMC	1,254	1,186	1,061	870	707		768	761	-39.3%	-3%	-0.9%
WNMU	2,180	2,153	2,223	2,222	2,169	2	1,974	1,872	-14.1%	-13%	-5.2%
ECC	1,013	925	856	737	709		526	420	-58.6%	-39%	-20.2%
MCC	597	652	423	428	469		346	280	-53.1%	-32%	-19.1%
NMJC	1,966	1,626	1,651	1,698	1,651		1,591	1,352	-31.2%	-21%	-15.0%
NMMI	579	613	588	550				471	-18.6%	-6%	2.6%
SJC	5,027	4,948	4,901	4,619	4			3,216	-36.0%	-27%	-17.8%
SFCC	2,890	2,883	3,003	2,899	2,64		5	1,716	-40.5%	-33%	-21.1%
DINE				233	202		163	113		-33%	-30.7%
IAIA				293	329		404	379		1%	-6.2%
SIPI				413	345		410	345		11%	-15.9%
NTU				1,614	1,181	1,06	45	1,037	662		-38%	-36.2%
Total FTE	96,860	95,115	93,550	92,300	88,881	86,881	,129	77,071	70,870	-26.8%	-18%	-8.0%

Source: Higher Education Department

-25,990 or -26.8%

NEW MEXICO LEGISLATIVE FINANCE COMMITTEE

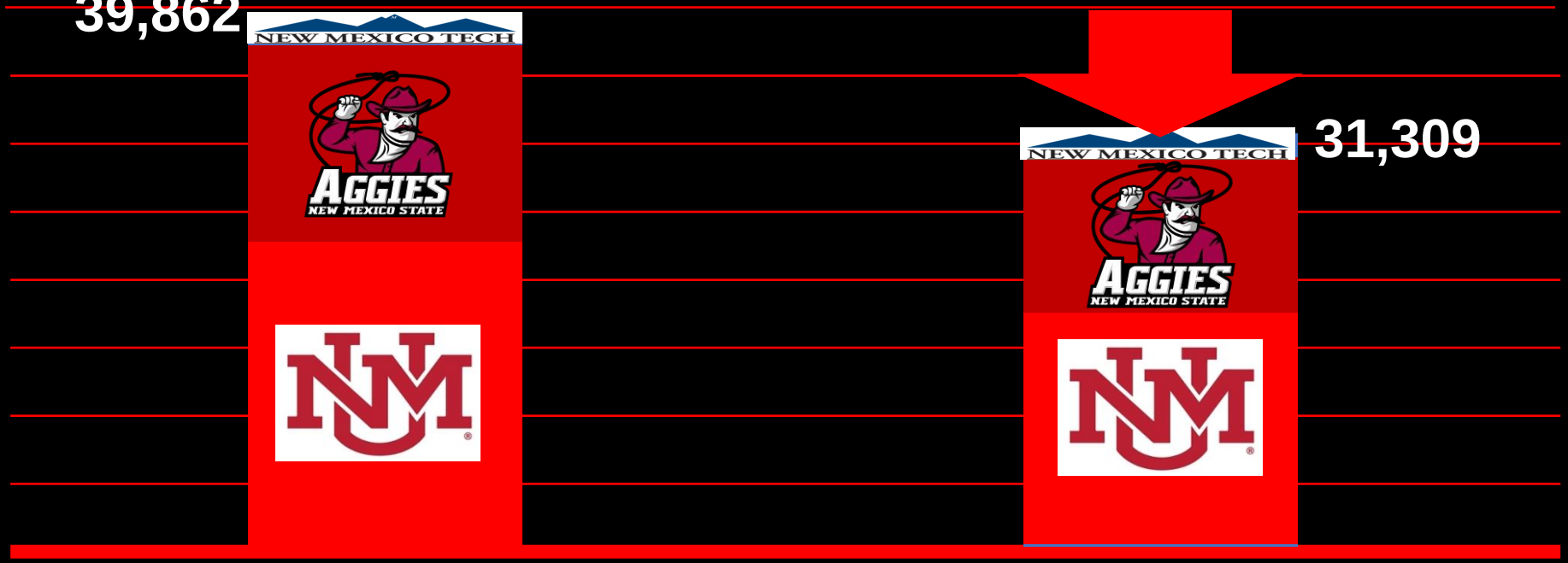
Financial Outlook for Higher Education

David Abbey, Director, Legislative Finance Committee

Presentation to the New Mexico Higher Education Regents Coalition

April 26, 2022

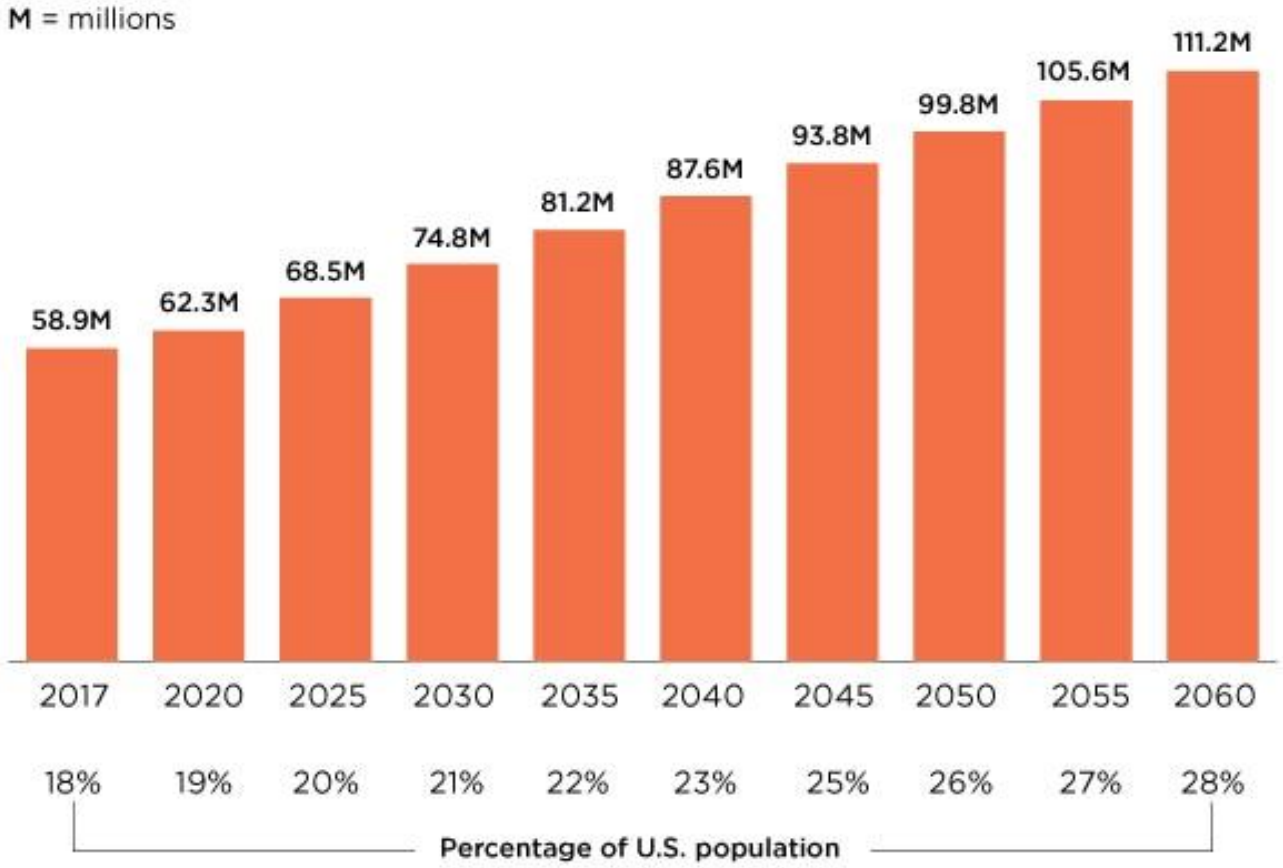
-8,353 or -21%


39,862
31,309
FTE-Fall 2011
FTE-Fall 2020


NEW MEXICO
LEGISLATIVE
FINANCE
COMMITTEE
Financial Outlook for Higher Education
David Abbey, Director, Legislative Finance Committee
Presentation to the New Mexico Higher Education Regents Coalition
April 26, 2022

Hispanic Population to Reach 111 Million by 2060

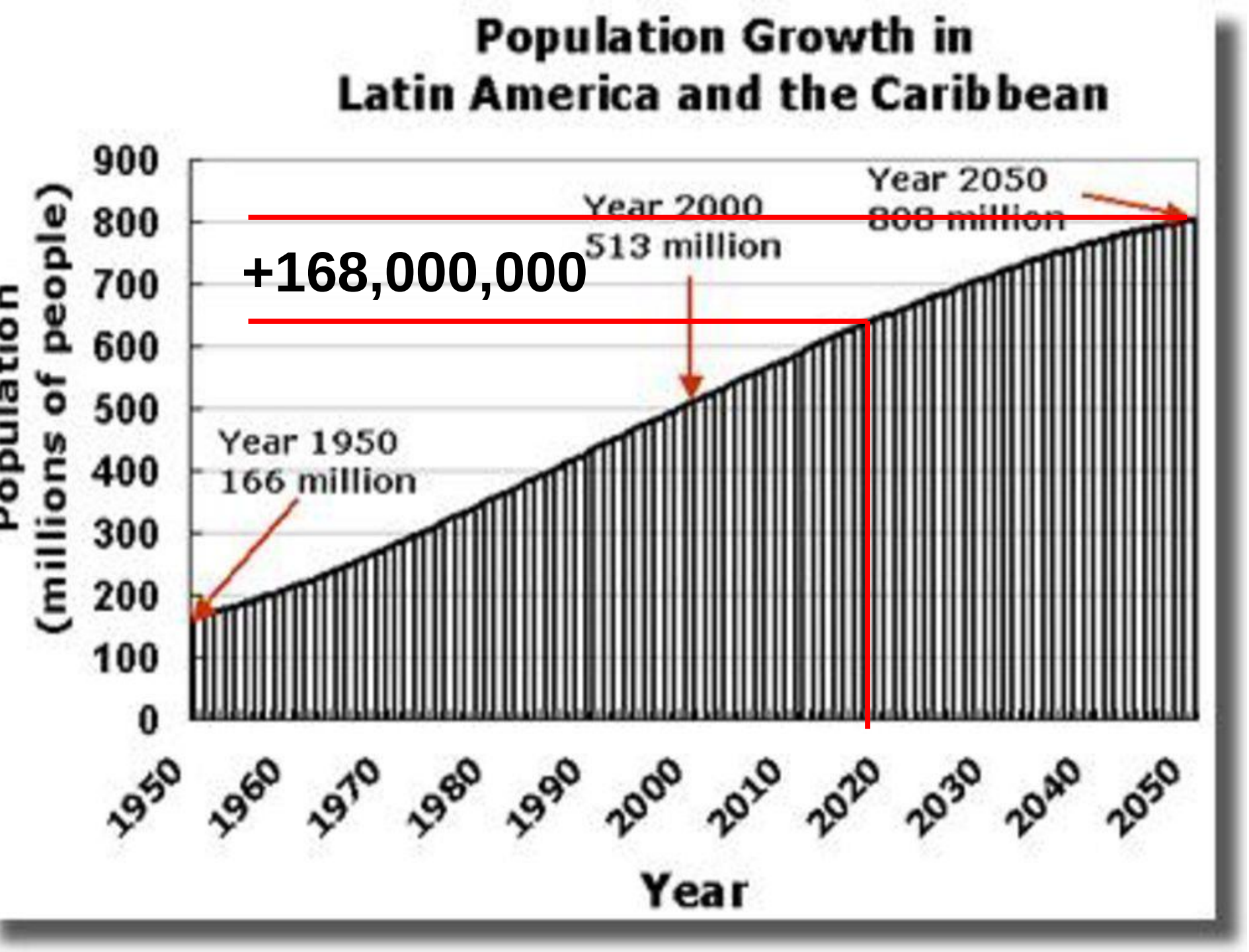
Projected Hispanic Population 2020 to 2060



United States® Census Bureau

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Source: 2017 National Population Projections and Vintage 2017 Population Estimates
www.census.gov/popest and
www.census.gov/programs-surveys/popproj.html


Population Growth in
Latin America and the Caribbean
Population
(millions of people)
900
800
700
600
500
400
300
200
100
0
Year 1950
166 million
Year 2000
513 million
Year 2050
808 million
+168,000,000
1950
1960
1970
1980
1990
2000
2010
2020
2030
2040
2050
Year

Can
UNM/NMSU/NMTech
Become to the
Latin Americas…?

What **MIT** & **Stanford**
is to **Asia**…?


NATIONAL
MATH + SCIENCE
INITIATIVE
The U.S. needs 1 million more STEM professionals over the next decade than it is projected to produce at the current rate.
@NMSI

The State of U.S. Science & Engineering

Science & Engineering Indicators 2022

Julia M. Phillips

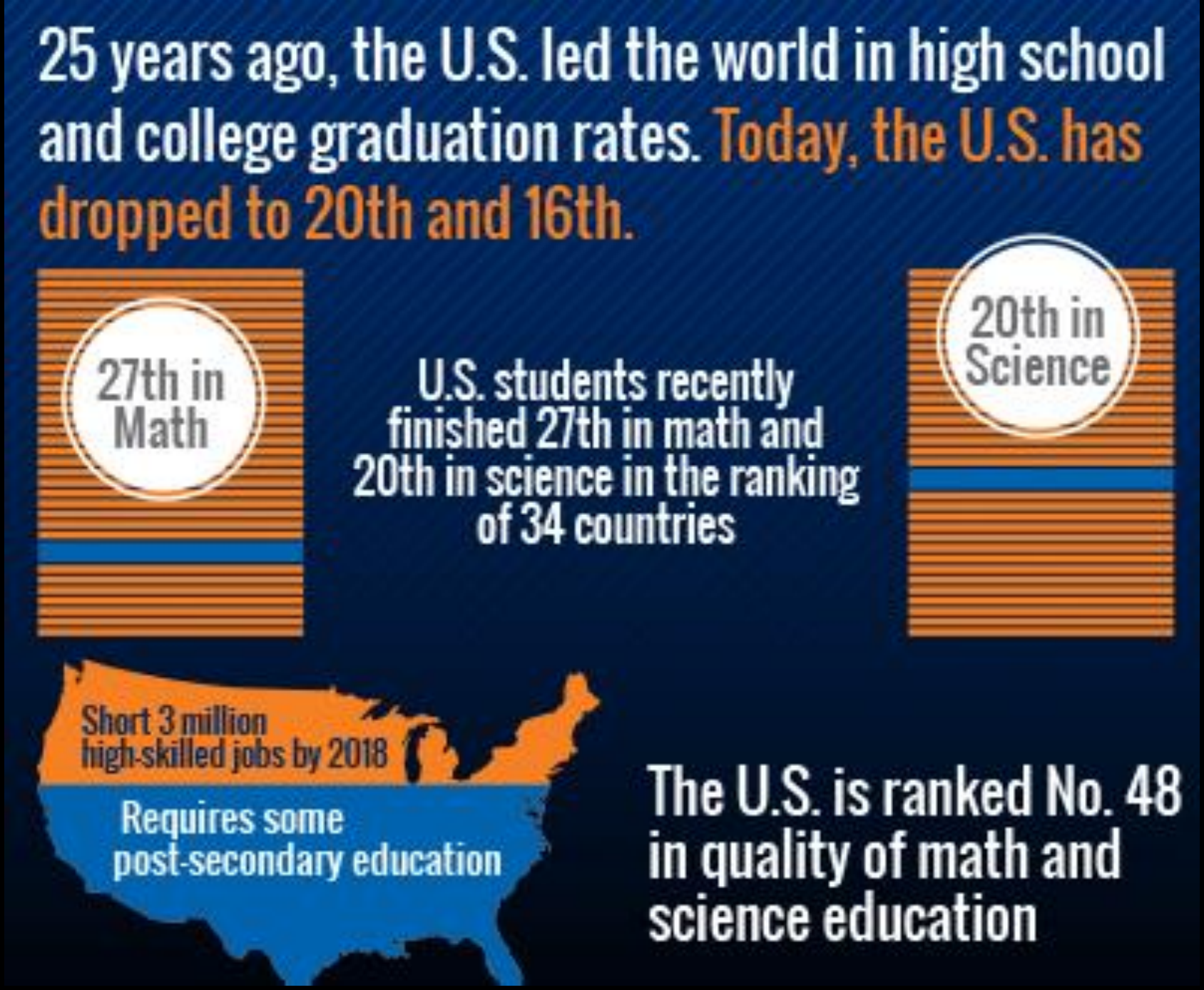
Chair, NSB Committee on National S&E Policy

Sandia National Laboratories (ret.)

Monday, March 21, 2022

The State of U.S. Science & Engineering

"Stagnet Performance by U.S. STEM K-12 students and demographic differences in achievement highlight areas for potential strengthening."

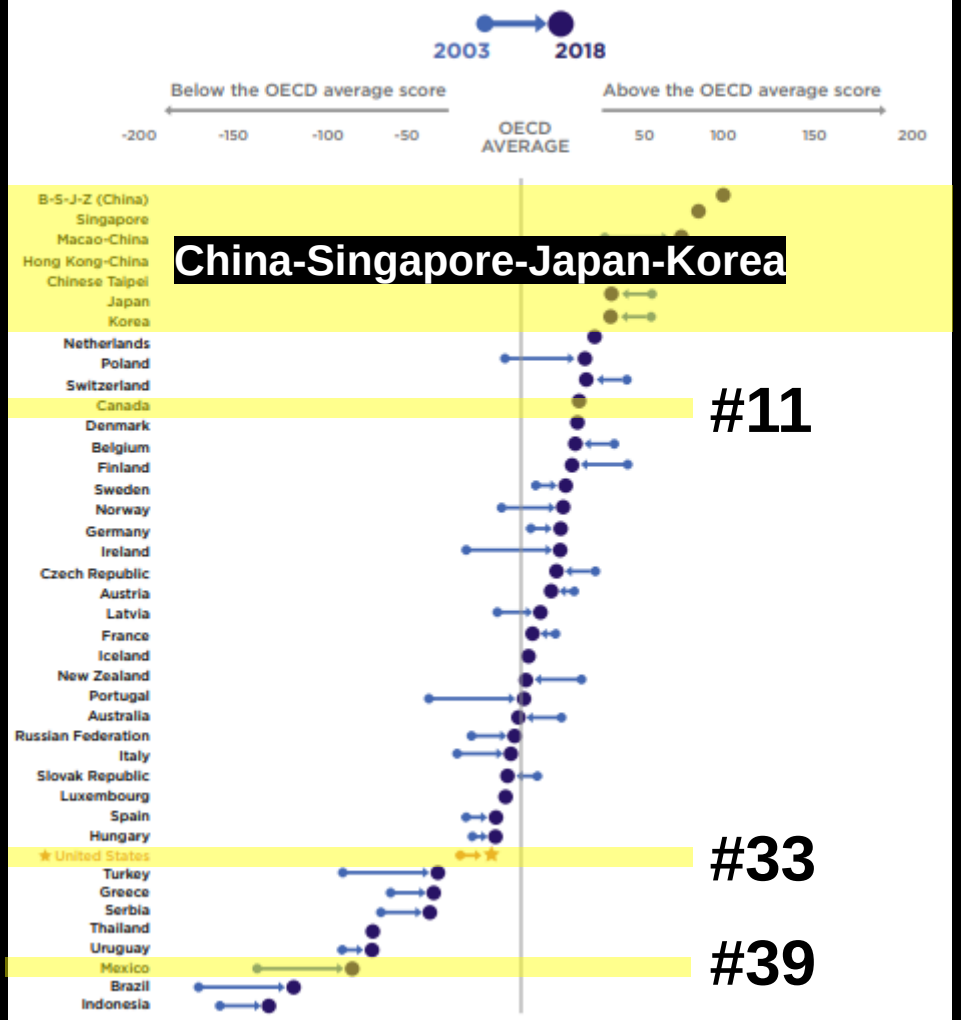


https://academicpartnerships.uta.edu/articles/education/stem-education-affects-competitiveness.aspx

National Science Board
Science & Engineering Indicators 2022

The U.S. Must Improve K-12 STEM Education for All

Average Math Scores of 15 Year-old Students on the PISA Test, by Country or Region



Canada #11

United States #33

Mexico #39

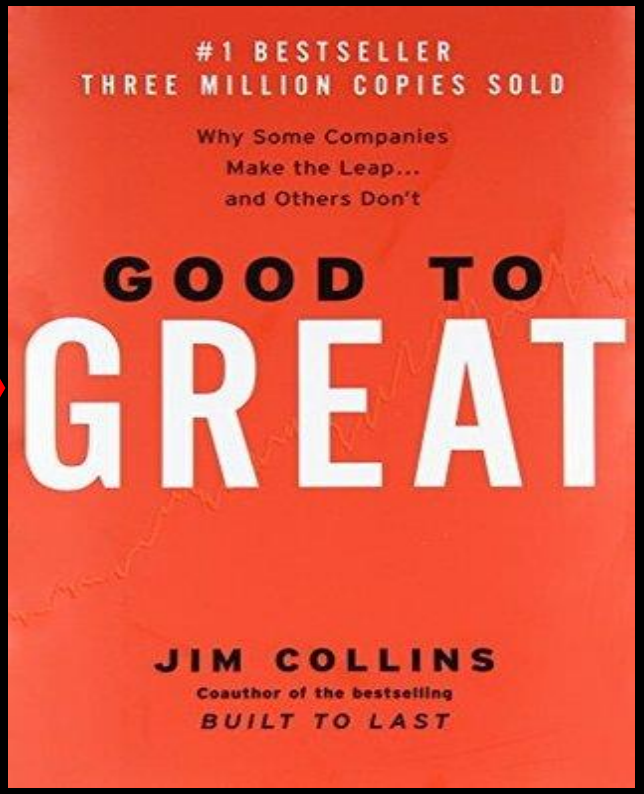
Additional people needed in 2030 for the S&E workforce to be Representative of the U.S. Population

How can
UNM…NMSU…NMTech
align with the
State ED Strategy?

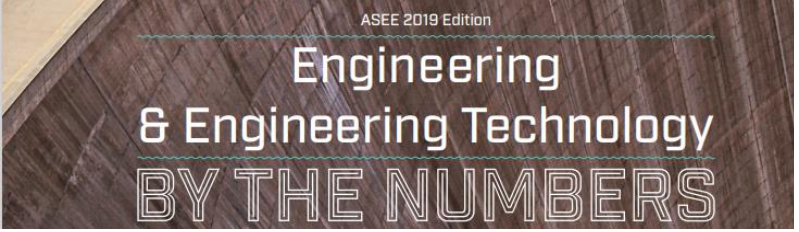
SCHOOL OF ENGINEERING

New Mexico State University
College of Engineering

NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY



"Greatness, it turns out, is largely a matter of conscious choice and discipline."



Institutions Awarding the Highest Number of Engineering Bachelor's Degrees

2.1.5 Institutions Awarding the Highest Number of Engineering Bachelor's Degrees

Table 5: Institutions Awarding the Highest Number of Engineering Bachelor's Degrees

No	Institutions	Degrees Awarded
1	Georgia Institute of Technology	2,812
2	**University of Illinois at Urbana-Champaign**	2,410
3	Purdue University	2,339
4	**Arizona State University**	2,275
5	Texas A&M University	2,236
6	**The Pennsylvania State University**	1,953
7	Virginia Polytechnic Institute and State University	1,952
8	**University of Michigan**	1,883
9	North Carolina State University	1,801
10	**University of California, Irvine**	1,738
11	University of Wisconsin-Madison	1,729
12	**The Ohio State University**	1,715
13	The University of Texas at Austin	1,666
14	**Iowa State University**	1,653
15	University of California, Berkeley	1,646
16	**University of Maryland, College Park**	1,624
17	Oregon State University	1,597
18	**University of Central Florida**	1,533
19	University of Florida	1,519
20	**California Polytechnic State University, San Luis Obispo**	1,424
21	Rutgers, The State University of New Jersey, School of Engineering	1,373
22	**University of Washington in Seattle**	1,366
23	University of California, San Diego	1,361
24	**Stony Brook University**	1,291
25	University at Buffalo, SUNY	1,274
26	**Louisiana State University**	1,177
27	Missouri University of Science and Technology	1,153
28	**University of Minnesota -Twin Cities**	1,131
29	Colorado School of Mines	1,118
30	**Clemson University**	1,091
31	University of California, Davis	1,088
32	**Florida International University**	1,084
33	Michigan State University	1,072
34	**Northeastern University**	1,071
35	New Jersey Institute of Technology	1,062
36	University of Colorado Boulder	1,047
37	Texas Tech University	1,026
38	**George Mason University**	993
38	The University of Texas at Dallas	993
40	**The University of Alabama**	988
41	San Jose State University	980
42	**California State University, Long Beach**	970
43	Rensselaer Polytechnic Institute	966
44	University of Houston	949
45	Auburn University	944
46	**University of Pittsburgh**	935
47	University of South Florida	929
48	**Brigham Young University**	902
49	Drexel University	891
50	**University of California, Los Angeles**	888

* 422 Institutions included

ASU

TAMU

UT-Austin

Colorado School of Mines

U of Colorado-Boulder

Texas Tech University

UT-Dallas

University of Houston

https://ira.asee.org/wp-content/uploads/2021/11/Total-by-the-Number-2020.pdf

Top 50 Institutions by Bachelor's Degrees Awarded to Undergraduate Minorities

2.1.10 Top 50 Institutions by Total Bachelor's Degrees awarded to Underrepresented Minorities

Table 10: Top 50 Institutions by Total Bachelor's Degrees awarded to Underrepresented Minorities

No	Institutions	Degrees Awarded
1	Florida International University	793
2	**Texas A&M University**	539
3	University of Central Florida	479
4	**University of Puerto Rico, Mayaguez Campus**	442
5	Arizona State University	429
6	**The University of Texas at El Paso**	421
7	University of Florida	388
8	**Georgia Institute of Technology**	346
9	The University of Texas at San Antonio	340
10	**University of California, Irvine**	336
11	California State University, Long Beach	321
12	**University of Houston**	315
13	New Jersey Institute of Technology	304
14	**The University of Texas at Austin**	264
15	Texas Tech University	261
15	**The University of Texas Rio Grande Valley**	261
17	California State University, Los Angeles	245
18	**University of South Florida**	234
19	California State University, Fullerton	233
20	**California State University, Northridge**	216
20	University of Maryland, College Park	216
22	**California Polytechnic State University, San Luis Obispo**	215
23	University of Wisconsin-Madison	213
24	**San Jose State University**	209
25	San Diego State University	198
26	**The University of Texas at Arlington**	194
27	George Mason University	193
27	**Texas A&M University - Kingsville**	193
27	The University of Texas at Dallas	193
30	**University of Illinois at Chicago**	192
31	University of Arizona	190
32	**Florida Atlantic University**	179
33	California State University, Sacramento	175
33	**North Carolina State University**	175
35	Rutgers, The State University of New Jersey, School of Engineering	174
36	**City College of the City University of New York**	167
37	FAMU-FSU College of Engineering	165
38	**Stanford University**	164
39	University of Illinois at Urbana-Champaign	161
40	**Massachusetts Institute of Technology**	160
40	North Carolina A&T State University	160
40	**University of California, Davis**	160
43	University of Maryland, Baltimore County	157
44	**Kennesaw State University**	153
45	The University of New Mexico	147
46	**University of California-Santa Cruz**	146
46	Virginia Polytechnic Institute and State University	146
48	**Stony Brook University**	143
49	Prairie View A & M University	140
50	**University at Buffalo, SUNY**	139

* 422 Institutions included

TAMU

ASU

UT-El Paso

UT-San Antonio

University of Houston

UT-Austin

Texas Tech University

UT-Rio Grande Valley

UT-Arlington

TAMU-Kingsville

UT-Dallas

University of Arizona

University of New Mexico

Prairie View A&M University

https://ira.asee.org/wp-content/uploads/2021/11/Total-by-the-Number-2020.pdf

2.1.16 Top 20 Institutions by Total Bachelor's Degrees awarded to Hispanics

Table 16: Top 20 Institutions by Total Bachelor's Degrees awarded to Hispanics

No	Institutions	Degrees Awarded
1	Florida International University	696
2	Texas A&M University	485
3	University of Puerto Rico, Mayaguez Campus	442
4	The University of Texas at El Paso	417
5	University of Central Florida	375
6	Arizona State University	365
7	University of Florida	325
8	California State University, Long Beach	302
9	The University of Texas at San Antonio	299
10	University of California, Irvine	290
11	The University of Texas Rio Grande Valley	260
12	University of Houston	257
13	California State University, Los Angeles	234
14	The University of Texas at Austin	229
15	California State University, Fullerton	220
16	California Polytechnic State University, San Luis Obispo	207
17	California State University, Northridge	198
18	Texas Tech University	197
19	Georgia Institute of Technology	193
20	University of Wisconsin-Madison	192

* 422 Institutions included

Texas A&M University

UT-El Paso

Arizona State University

UT-San Antonio

UT-Rio Grande Valley

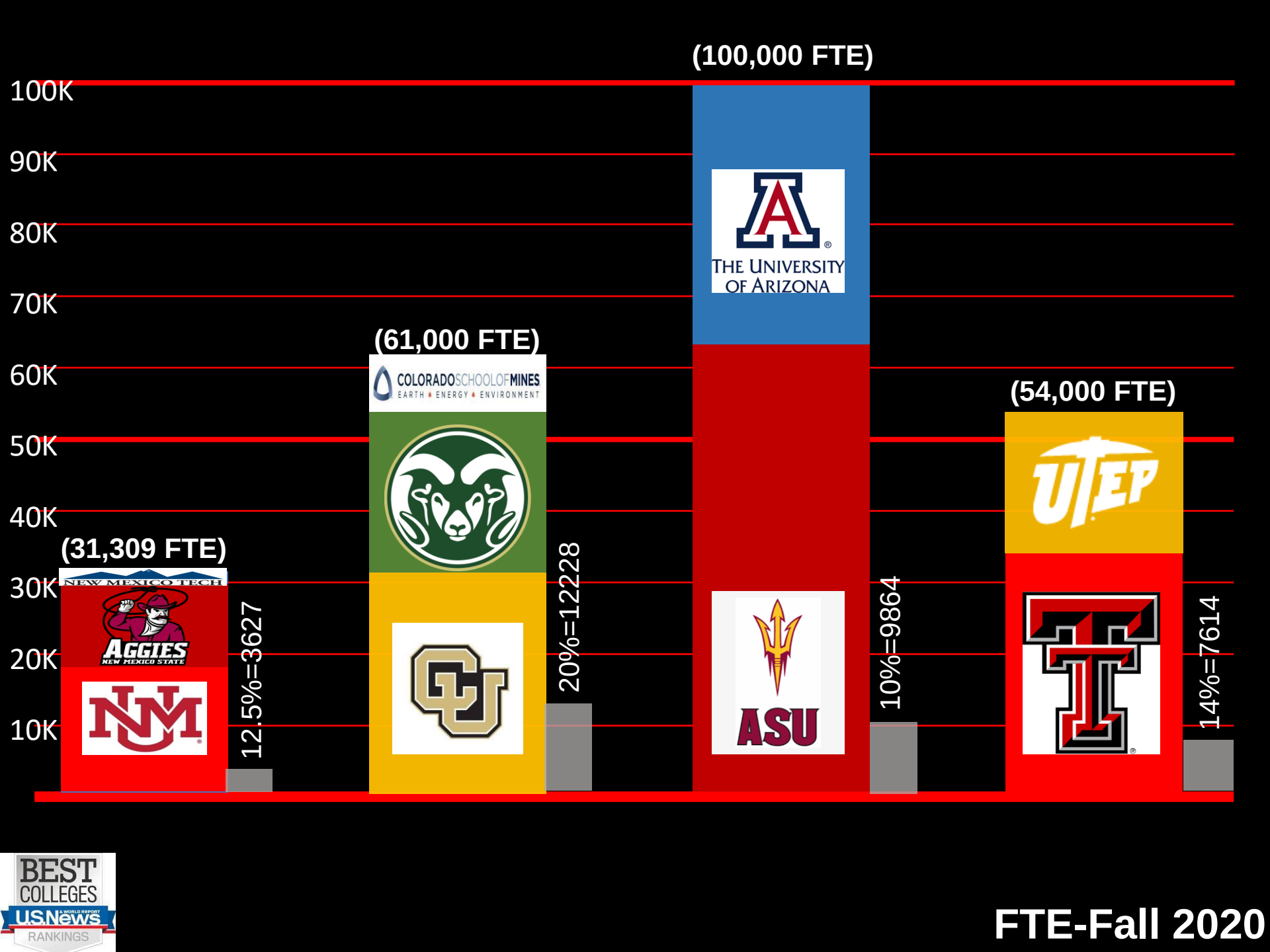
University of Houston

UT-Austin

Texas Tech University

Top 20 Institutions by Total Bachelor's Degrees Awarded to Hispanics

https://ira.asee.org/wp-content/uploads/2021/11/Total-by-the-Number-2020.pdf


(100,000 FTE)
100K
90K
80K
70K
60K
50K
40K
30K
20K
10K
(61,000 FTE)
(54,000 FTE)
(31,309 FTE)
NEW MEXICO TECH
AGGIES
NEW MEXICO STATE
NM
12.5%=3627
COLORADO SCHOOL OF MINES
EARTH ENERGY ENVIRONMENT
CU
20%=12228
THE UNIVERSITY OF ARIZONA
ASU
10%=9864
UTEP
14%=7614
BEST COLLEGES
U.S.News
RANKINGS
FTE-Fall 2020

To be on par with Colorado **UNM/NMSU/NMTech** would need to add

+2159 FTE to their Undergraduate Engineering Programs

Our Federal Government is making massive investments in Technology, Workforce Training and Infrastructure…

What Investments should NM be making to diversify our economy?

ALBUQUERQUE JOURNAL
NEW MEXICO'S LEADING NEWSPAPER
Thursday August 18, 2022

"NM Revenue Boom Continues: What's Next?"

By: Dan Boyd

"In all, lawmakers will have a projected **$2.5 Billion in "new" money…**"

"**Senator George Munoz, D-Gallup**, called the revenue bonanza **a "once in a lifetime opportunity"** that could allow New Mexico to avert the big budget swings –cycles of spending growth followed by cuts…"

ALBUQUERQUE JOURNAL
NEW MEXICO'S LEADING NEWSPAPER
Thursday August 18, 2022

"NM Revenue Boom Continues: What's Next?"

By: Dan Boyd

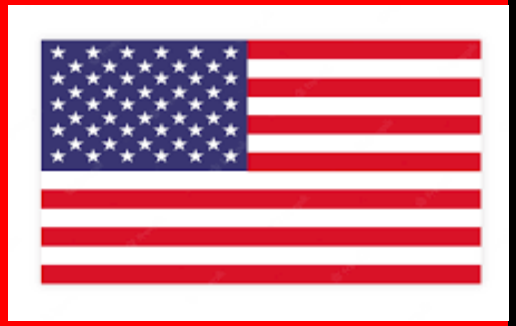
"Oil is driving the revenue boom…"


$2,500,000,000

The bill provides **$550 billion** in NEW spending on our nation's infrastructure over the next five years…

The **$280 billion** CHIPS and Science Act authorizes **new and expanded investments in STEM education and training** from K-12 to community college, undergraduate and graduate education.

Authorizes **$369 billion** investment in domestic energy production, energy security, climate change and manufacturing, in order to **reduce carbon emissions by roughly 40 percent by 2030.**



USA

$1,149,000,000,000

NM Inc.

$7,250,000,000

Federal Grant $'s

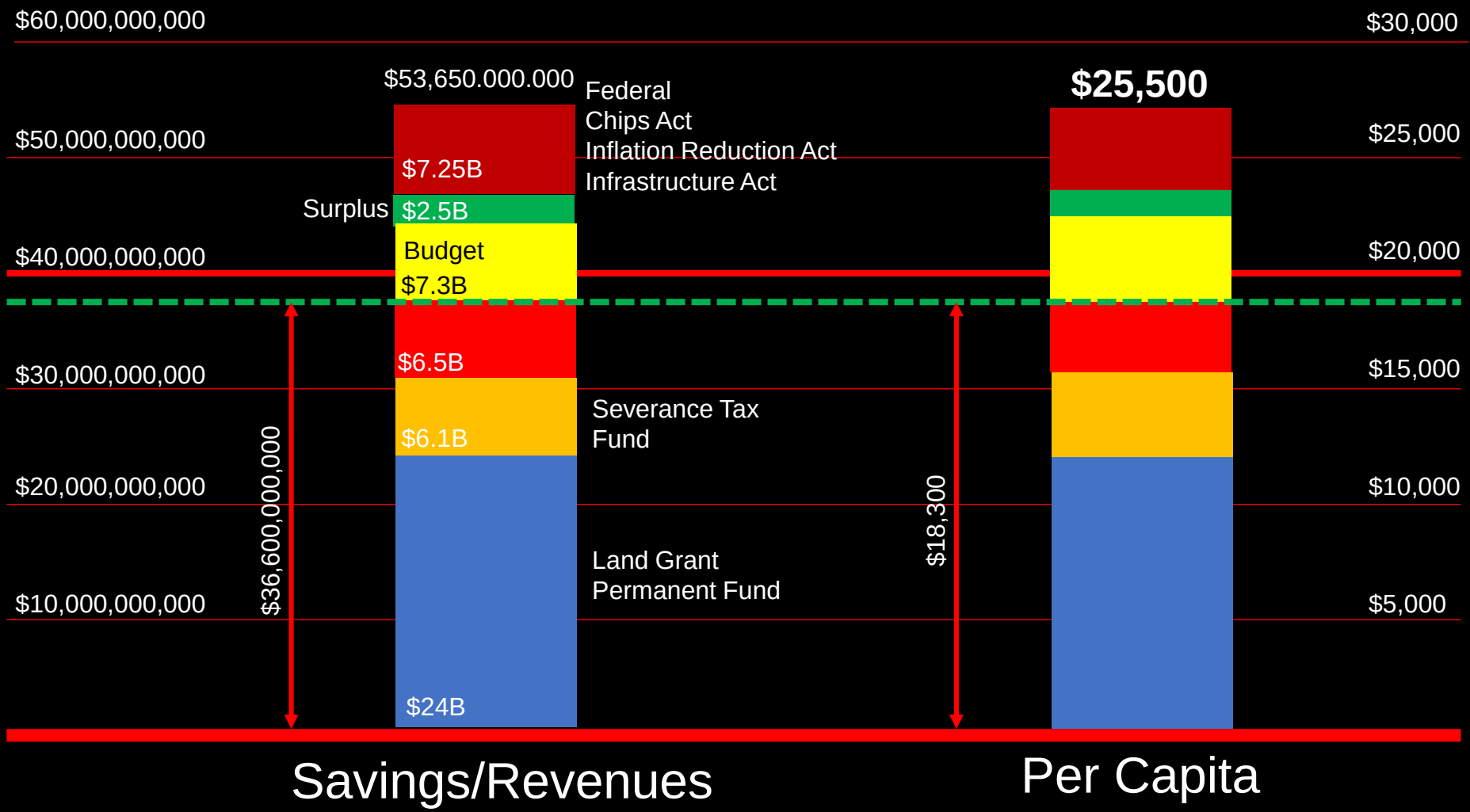
LFC Hearing Brief

NEW MEXICO LEGISLATIVE FINANCE COMMITTEE

Scope: For the last two years this report focused on federal pandemic aid. This will continue, but will now include infrastructure and other companion appropriations.

DATE: August 17, 2022

"DFA reports state agencies are frequently choosing not to apply for recommended Federal funding opportunities due to a lack of interest and more commonly a lack of capacity with-in the agencies to manage the funds and meet associated funding requirements."


$60,000,000,000
$50,000,000,000
$40,000,000,000
$30,000,000,000
$20,000,000,000
$10,000,000,000
$30,000
$25,000
$20,000
$15,000
$10,000
$5,000
$53,650.000.000
$7.25B
Federal
Chips Act
Inflation Reduction Act
Infrastructure Act
Surplus
$2.5B
Budget
$7.3B
$6.5B
$6.1B
Severance Tax
Fund
$24B
Land Grant
Permanent Fund
$36,600,000,000
$18,300
$25,500
Savings/Revenues
Per Capita

Connect the Dots:

Centers of Excellence
NMSU…NMT…UNM

Chips & Science Act 2022

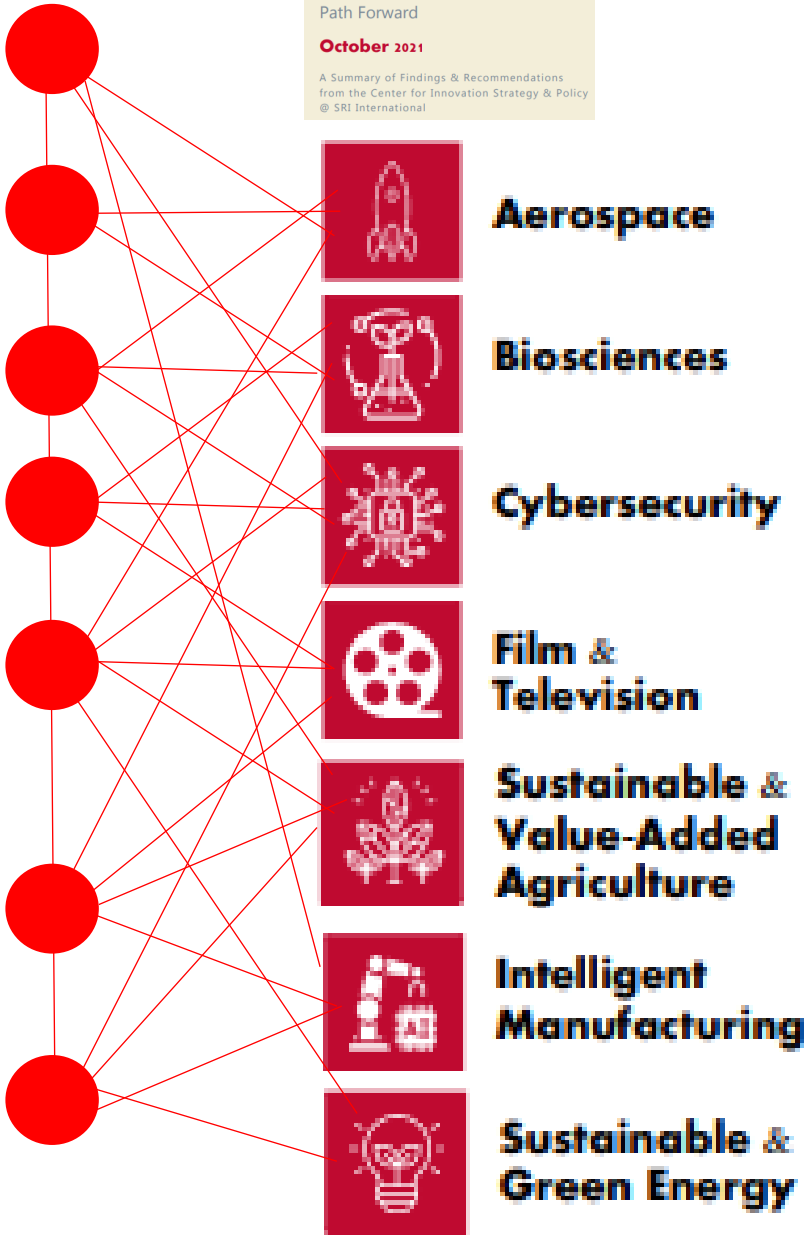
Infrastructure & Jobs Act

Inflation Reduction Act 2022

Partnerships
SNL/LANL National Labs
Air Force Research Lab

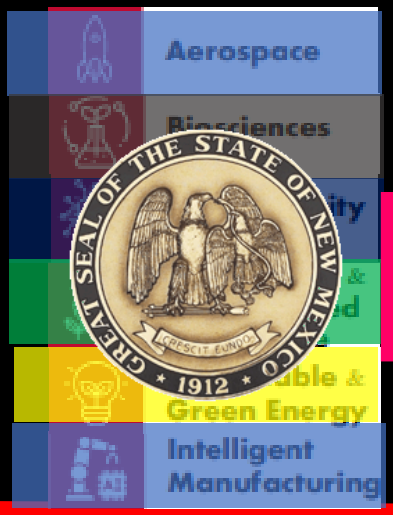
Public/Private Partnerships
Private Industry

Recruit & Retain
International-Latin Americas
New Mexico STEM & Engineering Talent



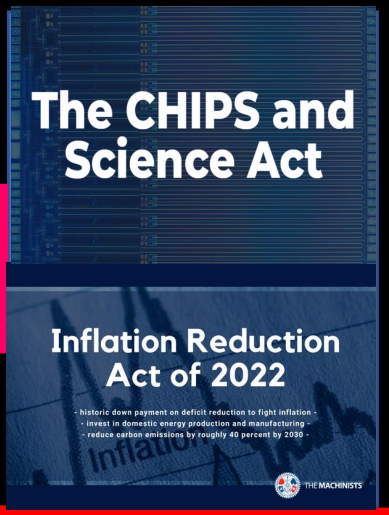

INVEST

$300,000,000



EMPOWER & COLLABORATE

$300,000,000



Federal Grants

Invest in K-12 STEM Education

WNMU…ENMU…NMHU & Colleges of Education

$60,000,000 per Year for 5-years

$300,000,000

Aerospace

Biosciences

Intelligent Manufacturing

EMPOWER & COLLABORATE

$300,000,000

The CHIPS and Science Act

Inflation Reduction Act of 2022

- historic down payment on deficit reduction to fight inflation -
- invest in domestic energy production and manufacturing -
- reduce carbon emissions by roughly 40 percent by 2030 -

THE MACHINISTS

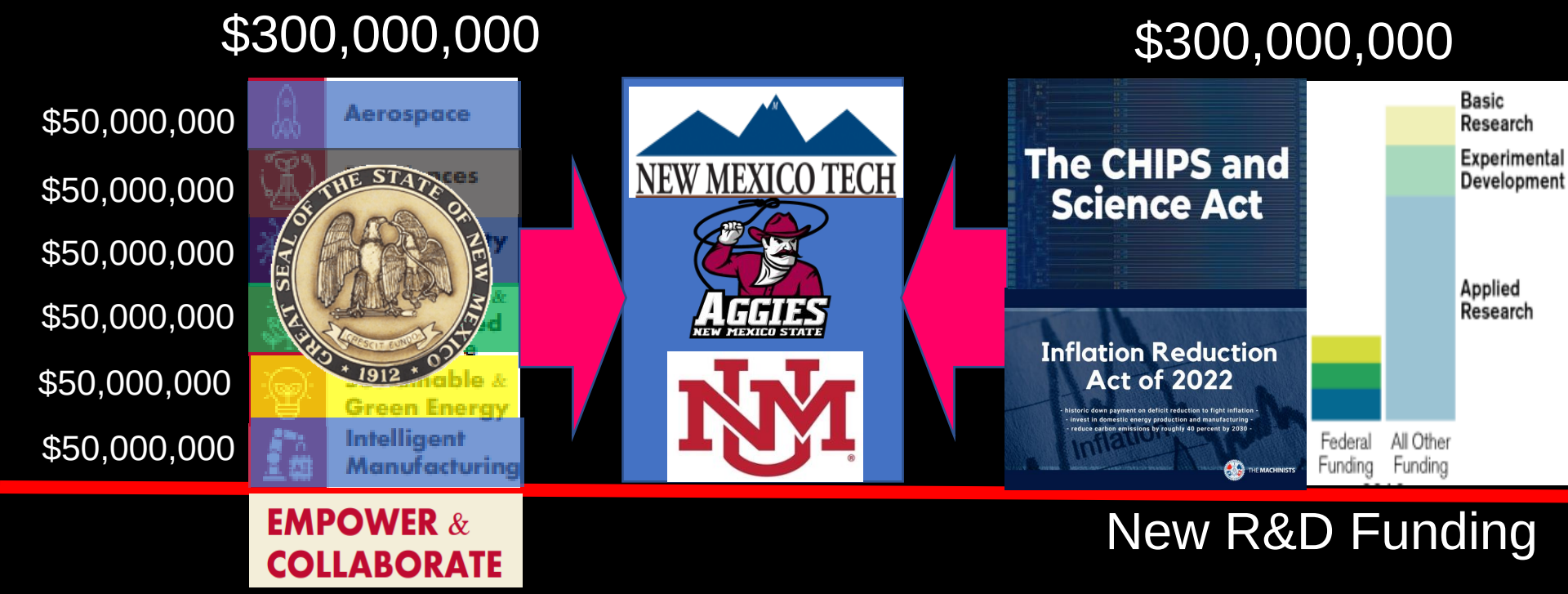
Federal Grants

Invest in Community Colleges

WNMU…ENMU…NMHU…CTE…Training…Upskilling & Reskilling

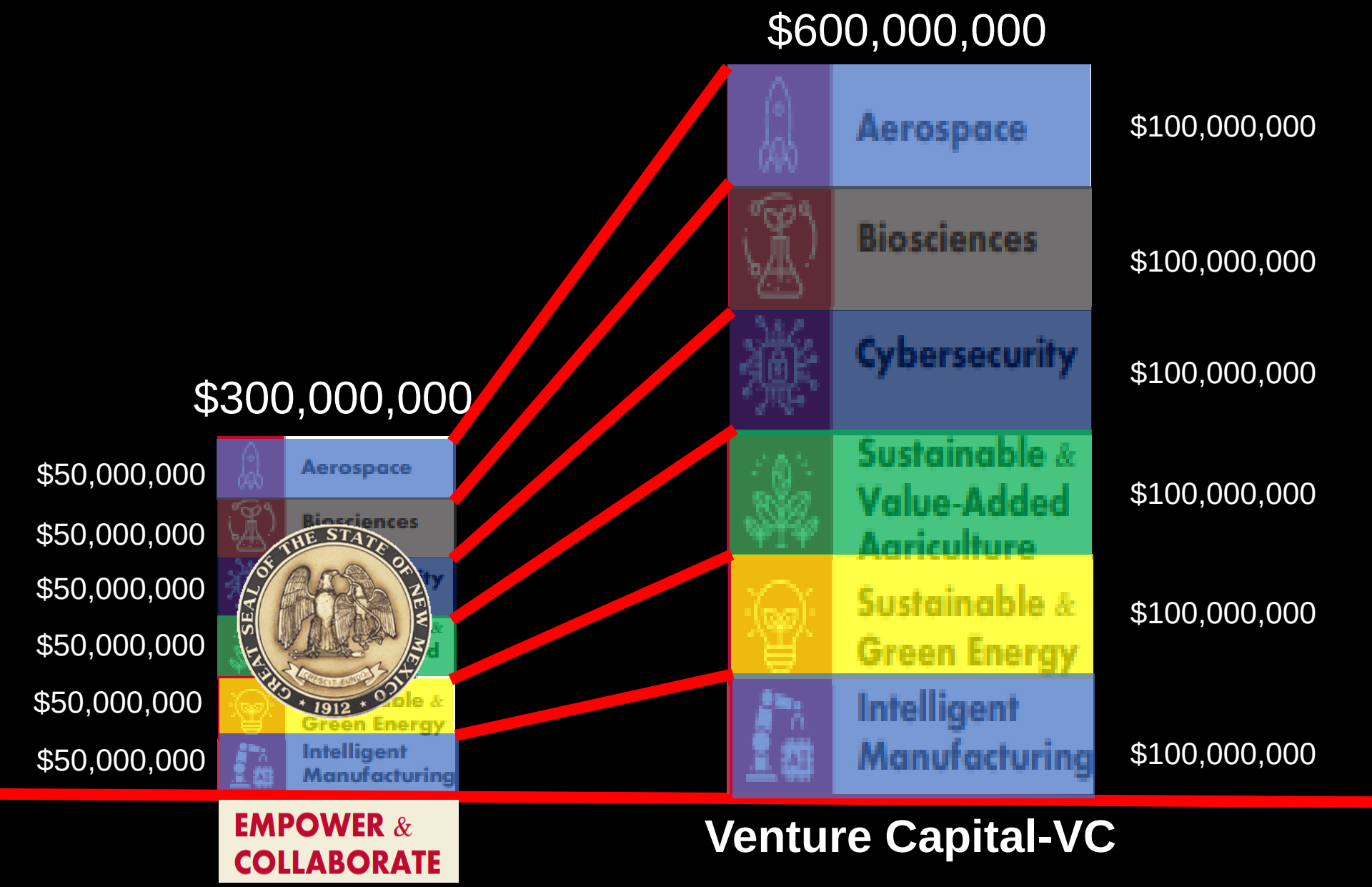
$60,000,000 per Year for 5-years

NM Inc.



Invest in R&D Universities

$10,000,000 per year per ED Cluster for 5-years



Co-Investment Funds

$1,200,000,000

“Go BIG…or go home…”

NEW MEXICO ECONOMIC
DEVELOPMENT DEPARTMENT

EMPOWER & COLLABORATE

New Mexico's Economic Path Forward

October 2021

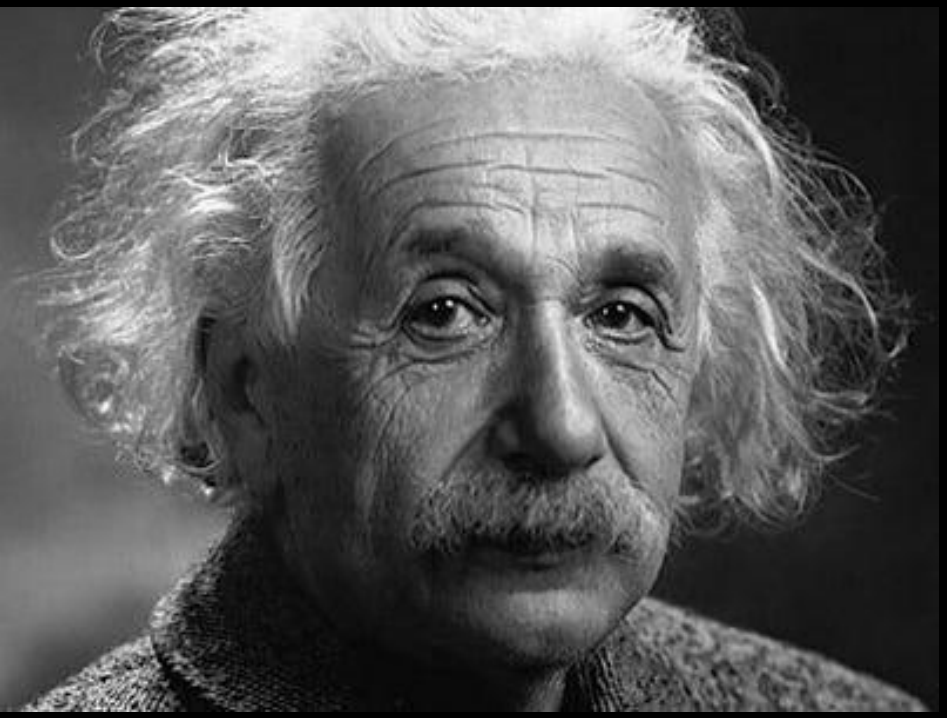
A Summary of Findings & Recommendations
from the Center for Innovation Strategy & Policy
@ SRI International

"To build a diverse and robust economy that engages local talent, cultivates innovation and delivers prosperity for all New Mexicans."

“A legacy…

is like planting seeds in a garden…

you might never get to see.”



We cannot solve
our problems with
the same thinking we used
when we created them.

Albert Einstein