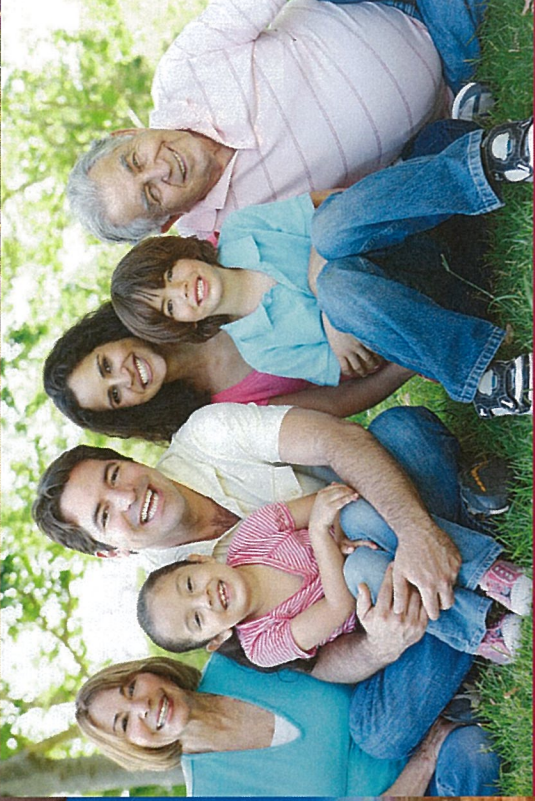
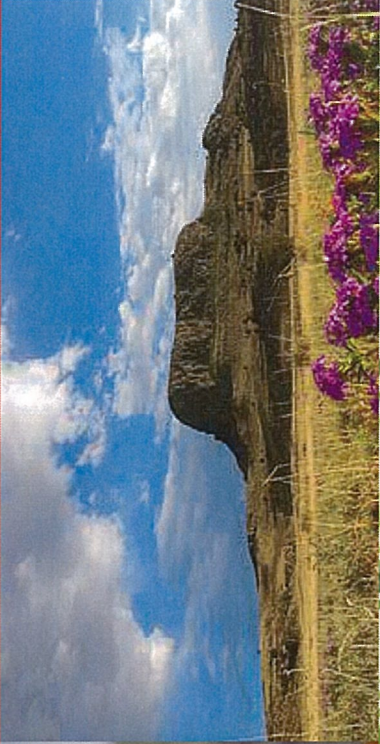


**Substance
Use
Disorders**

Grand Challenges



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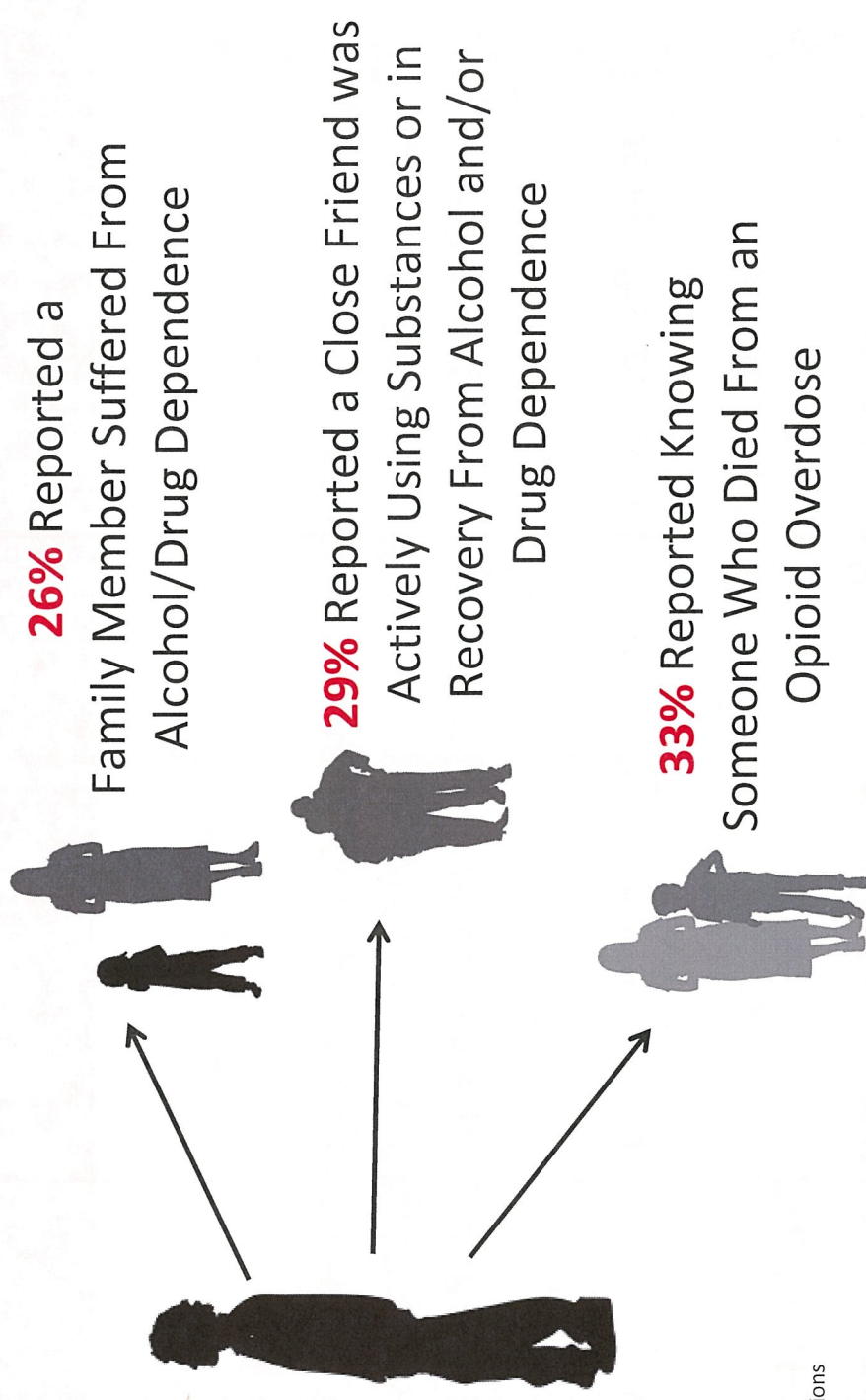
Substance Use Disorders Grand Challenge – Addressing the Opioid Epidemic

- UNM President Stokes - Problems of global, national or regional significance
- Goal of the SUD Grand Challenge is to coordinate efforts across areas of expertise and work across systems to make a meaningful impact on substance use and substance use disorders in New Mexico

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In a
statewide
survey of
New
Mexicans...



Source: 2017 UNM RWJF Center/Latino Decisions
Statewide New Mexico Survey (N=1,700)

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New Mexico is ranked in the top 5 of the United States in several areas related to addiction:

#1
Alcohol mortality
Property crime



#3
Poor economy
Low fiscal stability

#2
Child poverty
Violent crime

#4
Suicide mortality

#5
Accidental death
Births impacted by opioid use

Sources: NM DOH; Crime Data Explorer (FBI, 2017);
U.S. Census Bureau; CDC; U.S. Bureau of Labor
Statistics

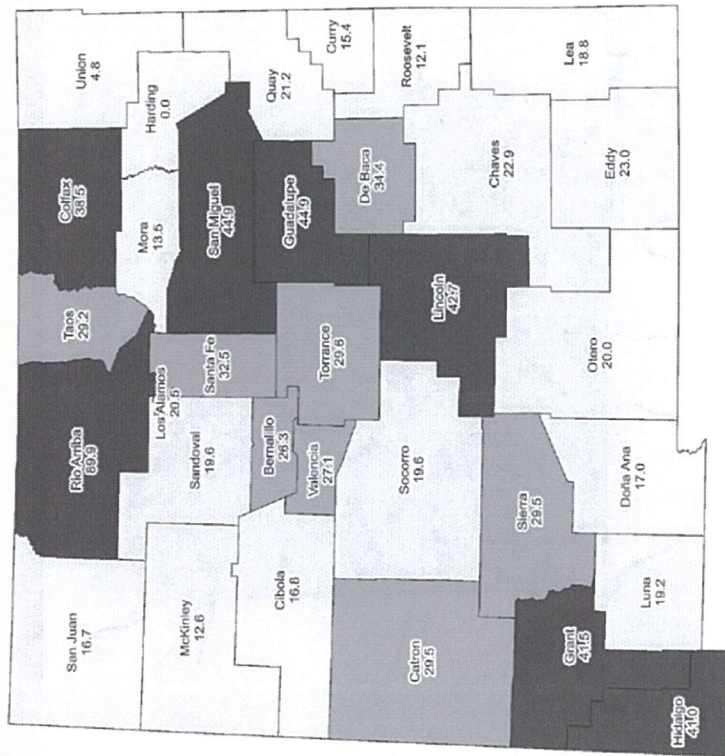
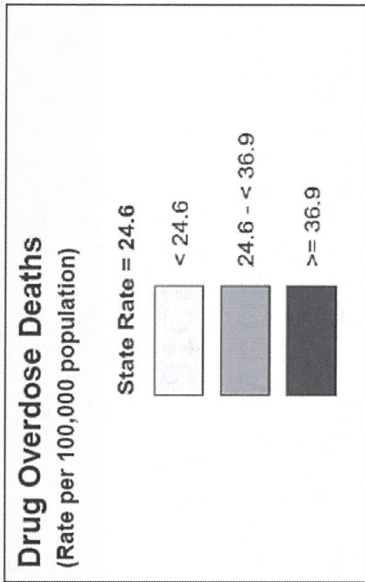
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Addressing the Opioid Epidemic

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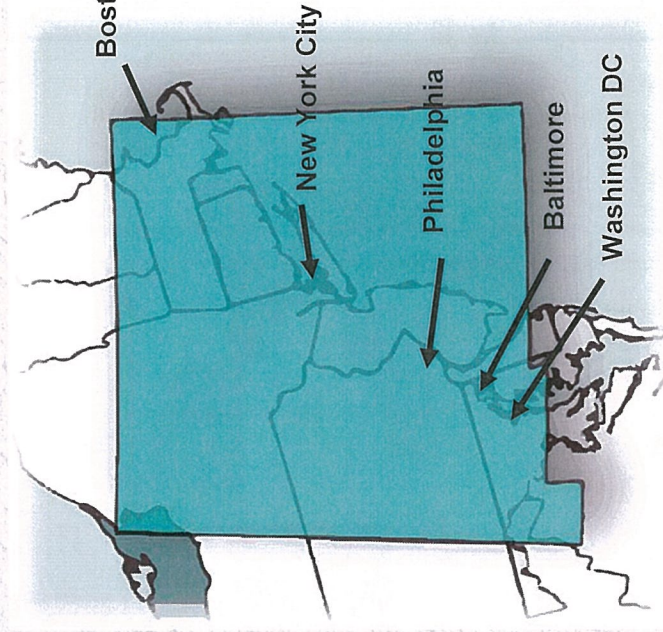


Deaths due to illicit drugs have remained steady for the past decade, but Prescription Opioid-Related Overdose Deaths have risen dramatically.

- Account for ~ 50% of all drug overdose deaths
- Account for ~66% of opioid-related overdose deaths

1/1/2015 – 10/11/2018, New Mexico lost 1270 of its residents to opioid-related deaths.

New Mexico



- 121,699 square miles
 - Population of 2,088,070
 - 4 cities with populations of 50,000 or more
 - 26 of 33 NM counties are rural or mixed rural/urban
- New Mexico's geographic expansiveness greatly complicates access to care.

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New Mexico: Demographics

	NM Statewide	Non-Hispanic White	Hispanic	Native American
Median Age	36.9 years	48.7 years	30.6 years	30.1 years
Per Capita Income	\$23,749	\$25,795	\$18,971	\$12,847
% Rural	22.6%	23.2%	17.9%	51.8%
% Proportion Race/Ethnicity		42%	48%	10%
% Poverty	21.9%	19.4%	27.5%	37.0%
% Children in Poverty	30.7%	26.2%	35.9%	42.6%

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New Mexico	has	accepted federal Medicaid expansion
728,449	Number of people covered by Medicaid/CHIP as of July 2018	
270,771	Increase in the number of people covered by Medicaid/CHIP fall 2013 to July 2018	
51%	Reduction in the uninsured rate from 2013 to 2017	



New Mexico is #1 in the United States for Medicaid-covered individuals

Statewide – 2.18% Medicaid recipients were diagnosed with Opioid Dependence.

- Rates in some communities exceed 15% Equivalent to 21.8 per 1000 Medicaid-covered individuals diagnosed with Opioid Dependence.
- Nearly 3 times the national Medicaid rate for *all* opioid use disorders combined.

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New Mexico's Progressive Response

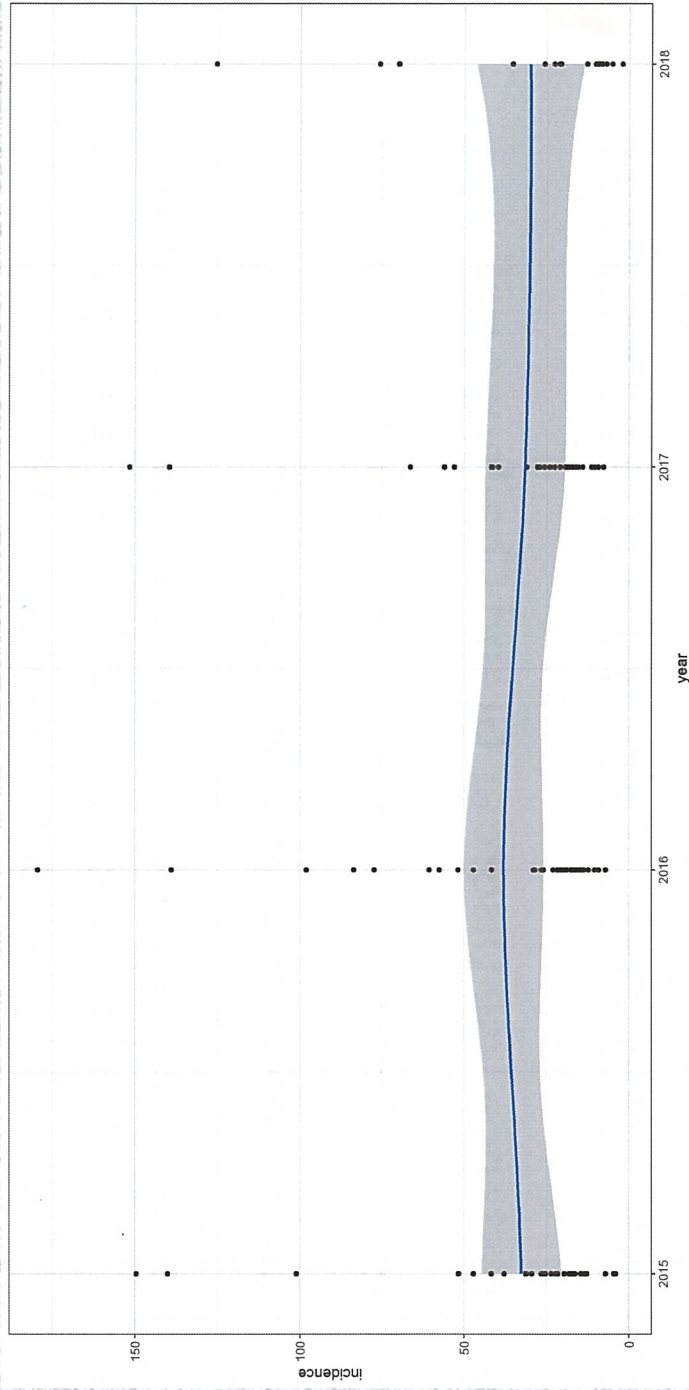
- National Safety Council recommends six key actions every state should take in addressing the opioid epidemic:
 - Mandating prescriber education
 - Implementing opioid prescribing guidelines
 - Integrating prescription monitoring programs (PMP) into clinical settings
 - Data sharing
 - Treating opioid overdose
 - Increasing the availability of opioid use disorder treatment

New Mexico's Progressive Response

- National Safety Council recommends six key actions every state should take in addressing the opioid epidemic:
 - ✓ Mandating prescriber education
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 - ✓ Data sharing
 - ✓ Treating opioid overdose
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NM is one of only **three** states that has adopted all six actions.

Opioid-Related Overdose Deaths 2015-2018



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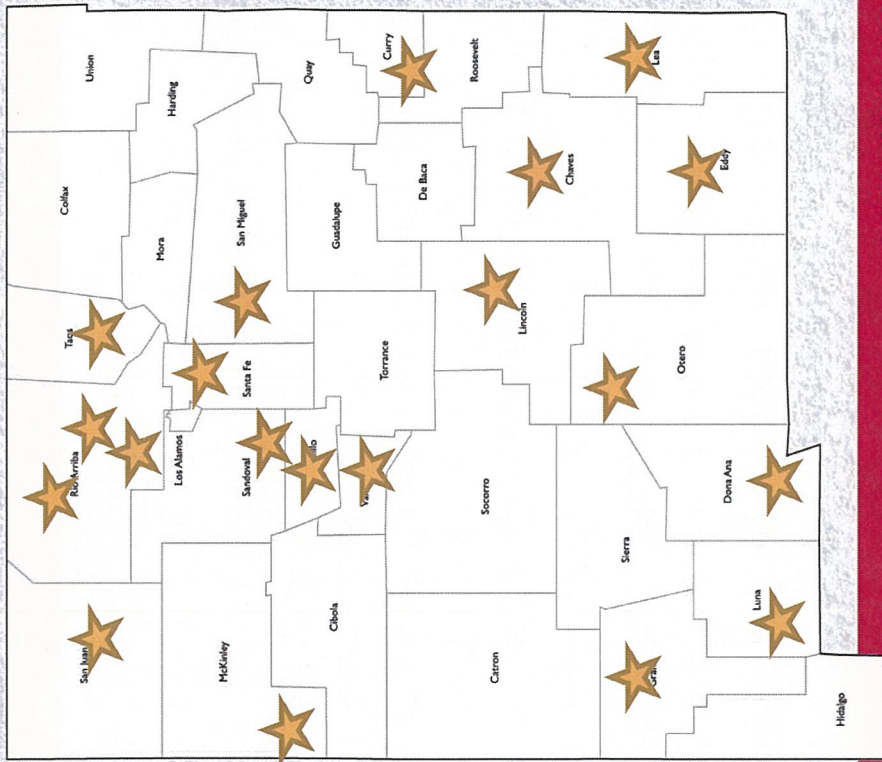
What Needs to be Done to Reverse the Rate?

Coordinated, Integrated, Multi-Systems Level Response

- The Substance Use Disorder Grand Challenge will...
 - Target the most affected communities for interventions
 - Increase scientific rigor of interventions
 - Use implementation models to engage systems of care
 - Incentives to influence behavior change in professionals
 - Ensure fidelity & sustainability of change



Identified Communities –
Guided by opioid-related
death data from the
Office of the Medical
Investigator.



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Systems to Target

1. **Medical Settings - Enhance screening & treatment for opioid use disorders in general medical and specialty treatment settings**
 - Increase the use of screening & intervention to address opioid use disorder in healthcare settings.
 - Change prescribing patterns to reduce the supply of prescription opioids
 - Study being designed between Office of the Medical Investigator, Board of Pharmacy, State Epidemiologist and UNM Health Sciences
 - **Increase the number of providers with DATA 2000 waivers for prescribing buprenorphine**
 - 629 total practitioners – 21% increase from 2017 to 2018
 - Increase the number of providers prescribing and monitoring opioid use disorder medications for at least 6 months
 - Only 180 practitioners with at least 10 patients – opportunity for increasing Medicaid reimbursement

Systems to Target

1. **Medical Settings - Enhance screening & treatment for opioid use disorders in general medical and specialty treatment settings (continued)**
 - Increase number of specialty treatments centers providing medications to treat opioid use disorder
 - Create programs to readily link individuals to medication and behavioral treatment following a non-fatal overdose
 - UNM Health Sciences in collaboration with the State Epidemiologist
 - **Increase the availability of naloxone across communities to reduce opioid overdose**
 - 9,423 naloxone doses distributed - ~49% increase 2017-2018
 - 1,708 Medicaid naloxone claims processed - ~48% increase 2017-2018
 - ~61% increase in the number of reversals
 - Pilot study to evaluate implementation of 2019 SB 221 to require opioid overdose counseling and naloxone co-prescribing

Systems to Target

2. **Communities - Enhance resilience against opioid use through preventative efforts in schools and communities, especially our rural and Native American communities**
 - **HOPE Initiative** (partnership between the UNM Health Sciences; US Attorney's Office, District of NM; DEA) – Heroin and Opioid Prevention and Education – cited by the National Safety Council as a model program
 - Enhance School-Based Health Center intervention
 - Develop and test mindfulness self-regulation curriculum in early child education

3. **Criminal Justice System - Improve substance use and health-related outcomes for justice involved individuals**
 - Formalize linkages between the justice system and health and behavioral health
 - UNM part of the Justice Community Opioid Innovation Network

Addressing SUD Treatment Workforce

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UNM efforts to increase and support treatment of substance use disorder throughout New Mexico

- UNM online undergraduate degree in Psychology
- Basics in Addiction Counseling for UNM undergraduates
- NM Poison Center hoping to expand to offer 24/7 MAT assistance for physicians
- All medical, physician assistants and nurse practitioners graduating from UNM are trained in MAT
- Project ECHO for provider training and ongoing support
- Telemedicine for reaching individuals in rural communities

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Basics in Addiction Counseling (BAC) at UNM

- Academic coursework and applied clinical experience to help prepare students for careers in the addiction counseling field.
- UNM Psychology graduates with the BAC concentration will have completed all coursework requirements to become a Licensed Substance Abuse Associate (LSAA) and Licensed Alcohol/Drug Abuse Counselor (LADAC).
- Most BAC graduates are immediately placed in positions in NM upon graduation

Future expansion:

- Expand undergraduate Basics in Addiction Counseling program
- Add courses in addiction to existing UNM online degree program
- Develop Masters in Addiction Psychology program at UNM

Policy, Prevention and Treatment of Alcohol & Other Substance Use

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Policy, Prevention and Treatment of Alcohol & Other Substance Use

- Capitalize on the focus on the opioid crisis to reduce stigma of addiction
 - Substance use disorders are chronic health conditions and not due to “choice” or moral failing
 - Most individuals who need treatment for alcohol or drug dependence never access treatment
 - Many individuals recover from alcohol and drug dependence without treatment
- Focus on policy efforts to reduce alcohol outlet density in key areas
- Use innovative technology-based approaches to increase screening and brief intervention for alcohol use and other substance use

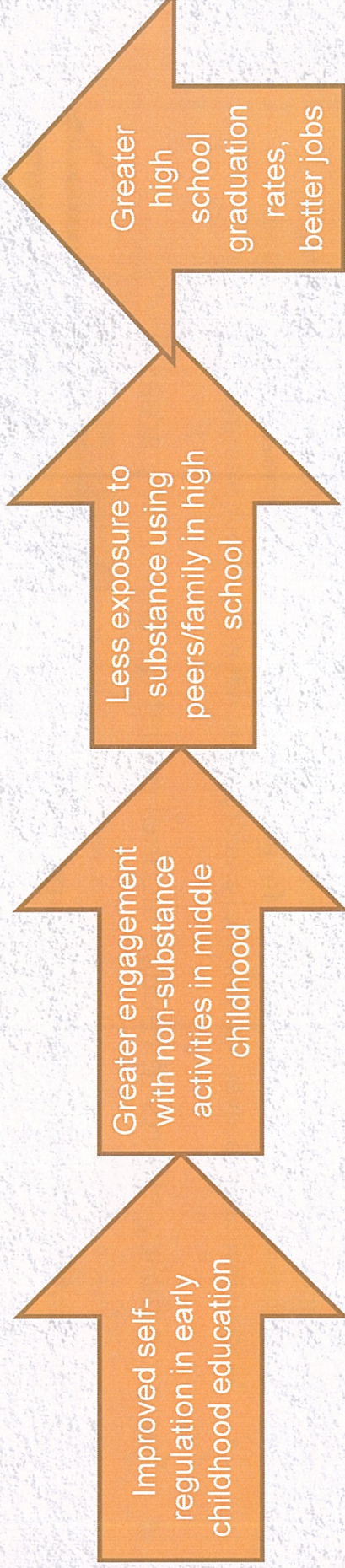


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Value of prevention

\$1 spent on school-based prevention programs = \$18 saved



Source: Substance Abuse and Mental Health Services Administration. <https://www.samhsa.gov/sites/default/files/cost-benefits-prevention.pdf>

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**Funding for SUD
treatment &
research saves
lives and money**

\$1 spent = \$7 reduction in costs of crime



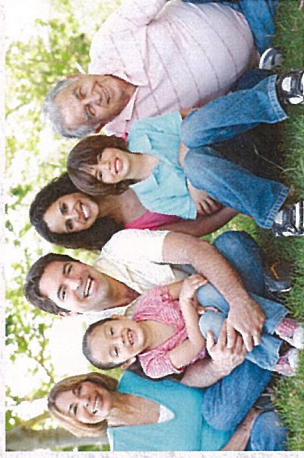
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\$1 spent = \$5 reduction in healthcare costs

Source:
NIDA (2018). Principles of Drug Addiction Treatment

Financial and societal impacts extend far beyond the criminal justice and health care systems



Better caregivers

More capable workforce



Teachers

Health care providers

Government employees

Service/trade industries

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