



**COLORADO**  
Department of Public  
Health & Environment

# SMART Act Hearing

Joint Senate Health and Human Services, House Health and Insurance,  
& House Public Health Care and Human Services Committee

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Jill Hunsaker Ryan  
Executive Director



# Mission and Vision



**COLORADO**

**Department of Public  
Health & Environment**

## Mission

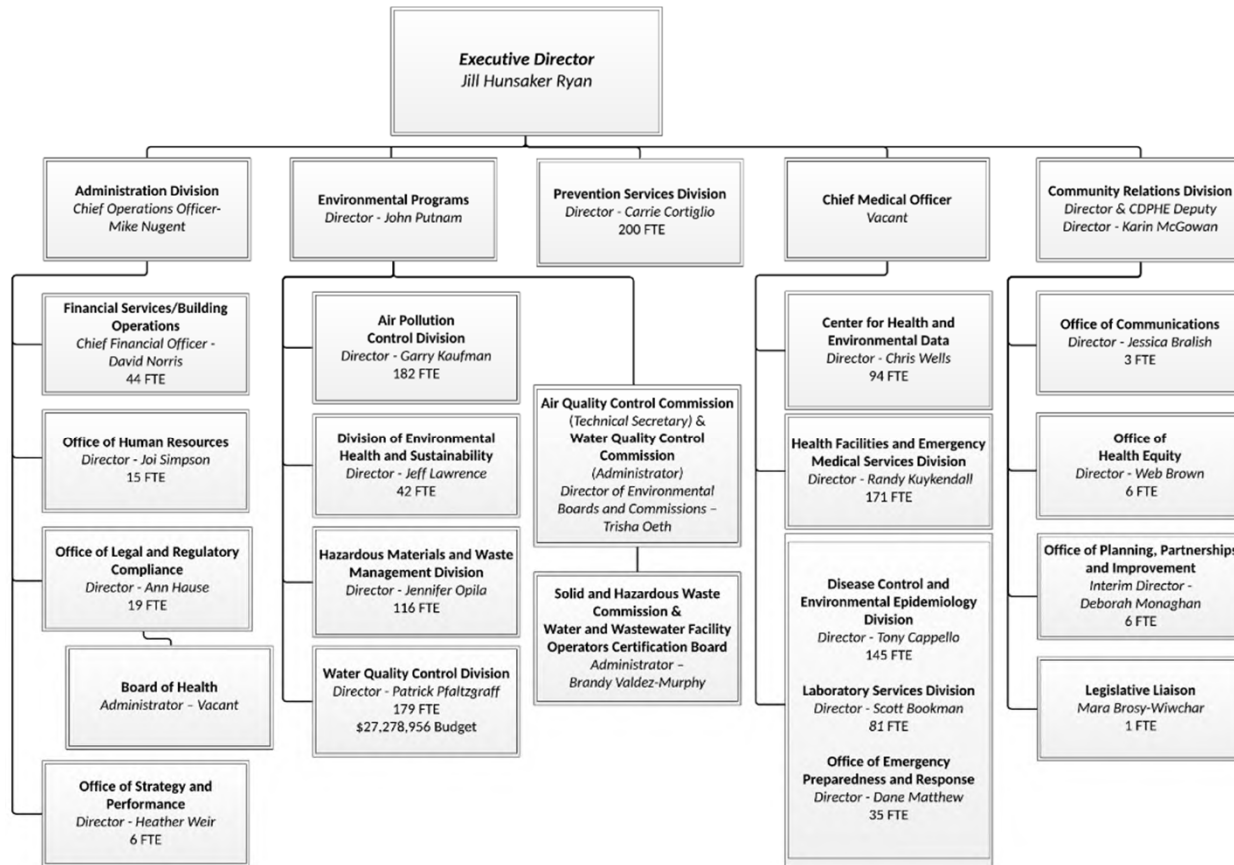
Advancing Colorado's health and protecting the places we live, learn, work, and play.

## Vision

A healthy and sustainable Colorado where current and future generations thrive.



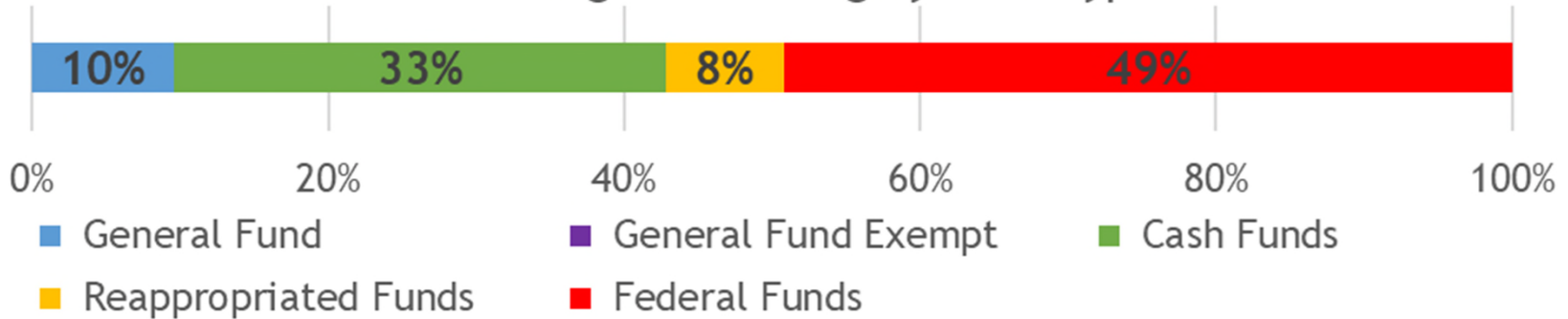
# Organizational Chart





# Total Budget by Funding Sources

Current Long Bill Appropriation  
Percentage of Funding by Fund Type

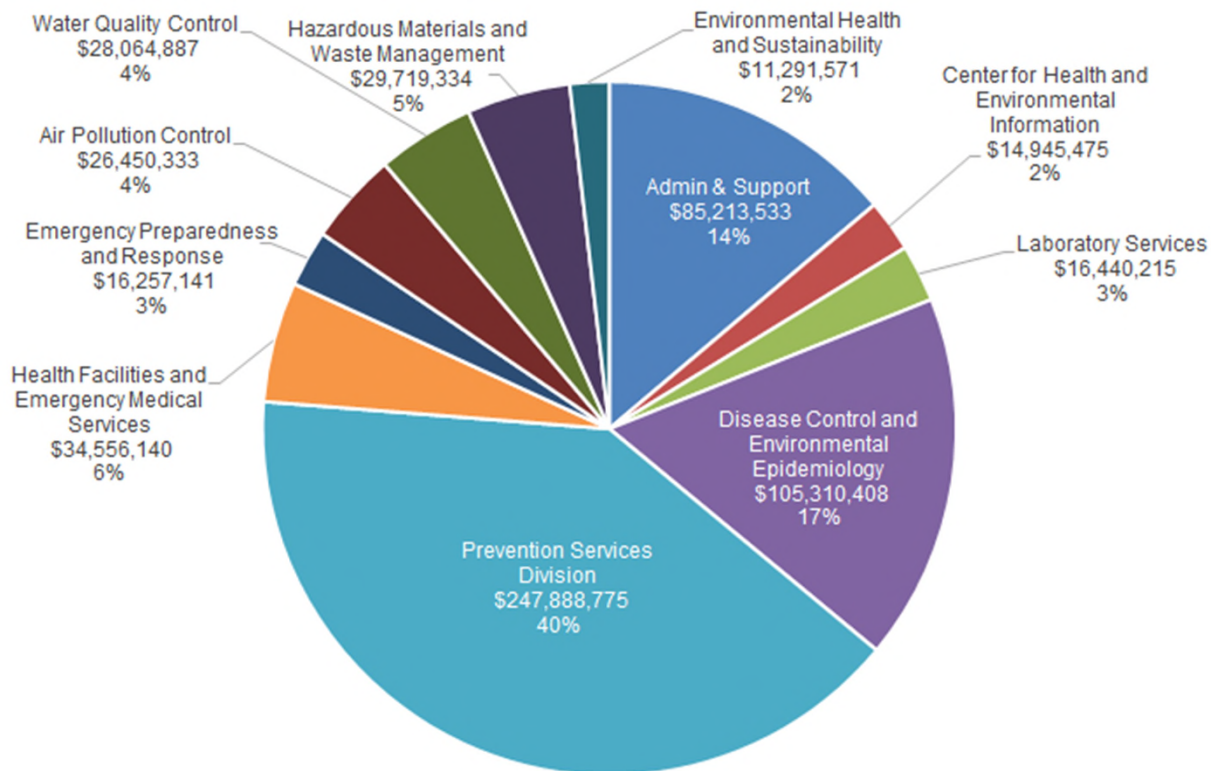


General Fund	General Fund Exempt	Cash Funds	Reappropriated Funds	Federal Funds	Total
\$ 58,769,504	\$ 407,703	\$ 204,690,749	\$ 49,291,017	\$ 302,978,839	\$ 616,137,812





# Budget by Division





# WIG - Wildly Important Goals



Air Quality



Immunizations



Reducing  
Obesity



Suicide  
Prevention



# Air Quality WIGS/Decision Item



## **WIG: Reduce Greenhouse Gas (GHG) emissions**

Reduce GHGs economy-wide from 125.716 million metric tons of CO<sub>2</sub>e (carbon dioxide equivalent) per year to 119.430 million metric tons of CO<sub>2</sub>e by June 30, 2020.

## **WIG: Reduce ozone**

Reduce ozone from 83 parts per billion (ppb) to 80 ppb by June 30, 2020.

## **R-01 Oil and Gas Enforcement, Compliance, and Permitting Initiative**

\$2,417,371 CF and 19.4 FTE to expand capacity for oil and gas compliance, enforcement, permitting and ambient air quality monitoring.



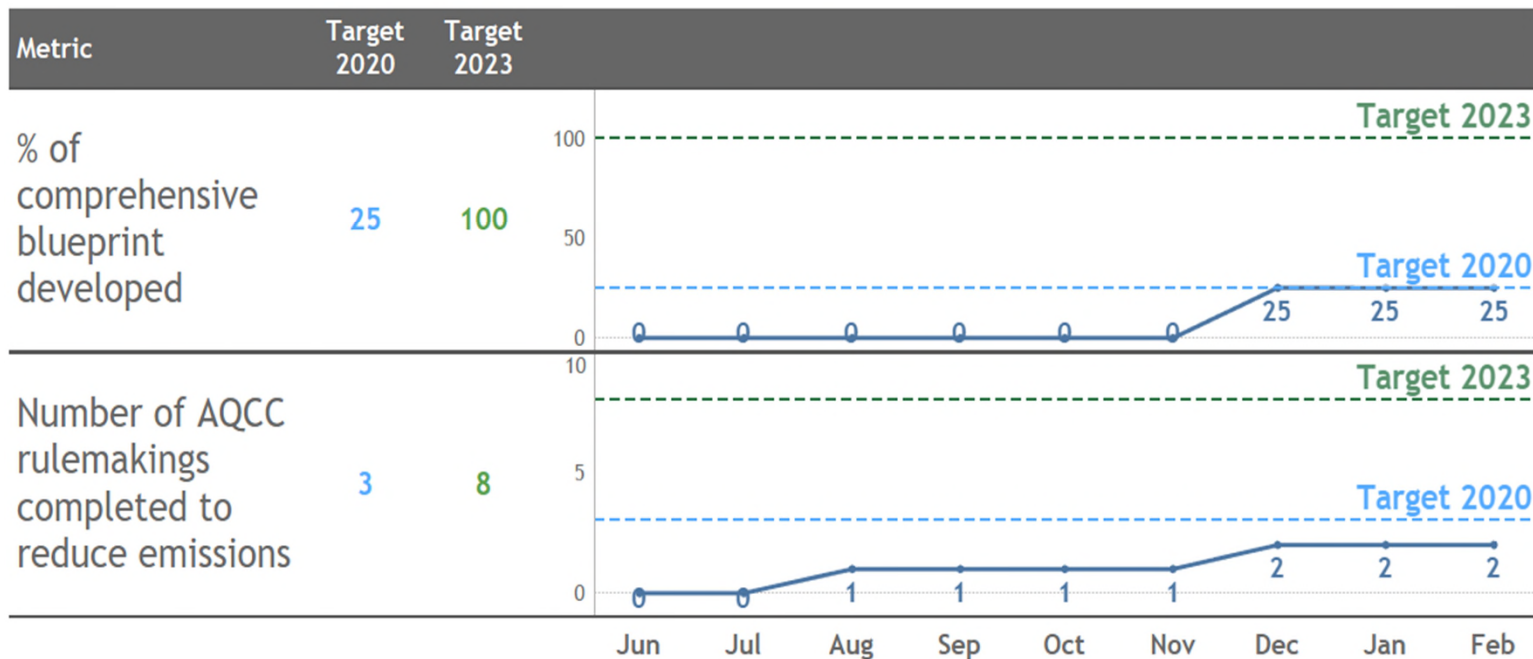
# Air Quality Measure: Reduce GHG Emissions

% of activities as of January 2020

Reduce Greenhouse Gas (GHG) emissions.

67%  
on track

33%  
on track with challenges







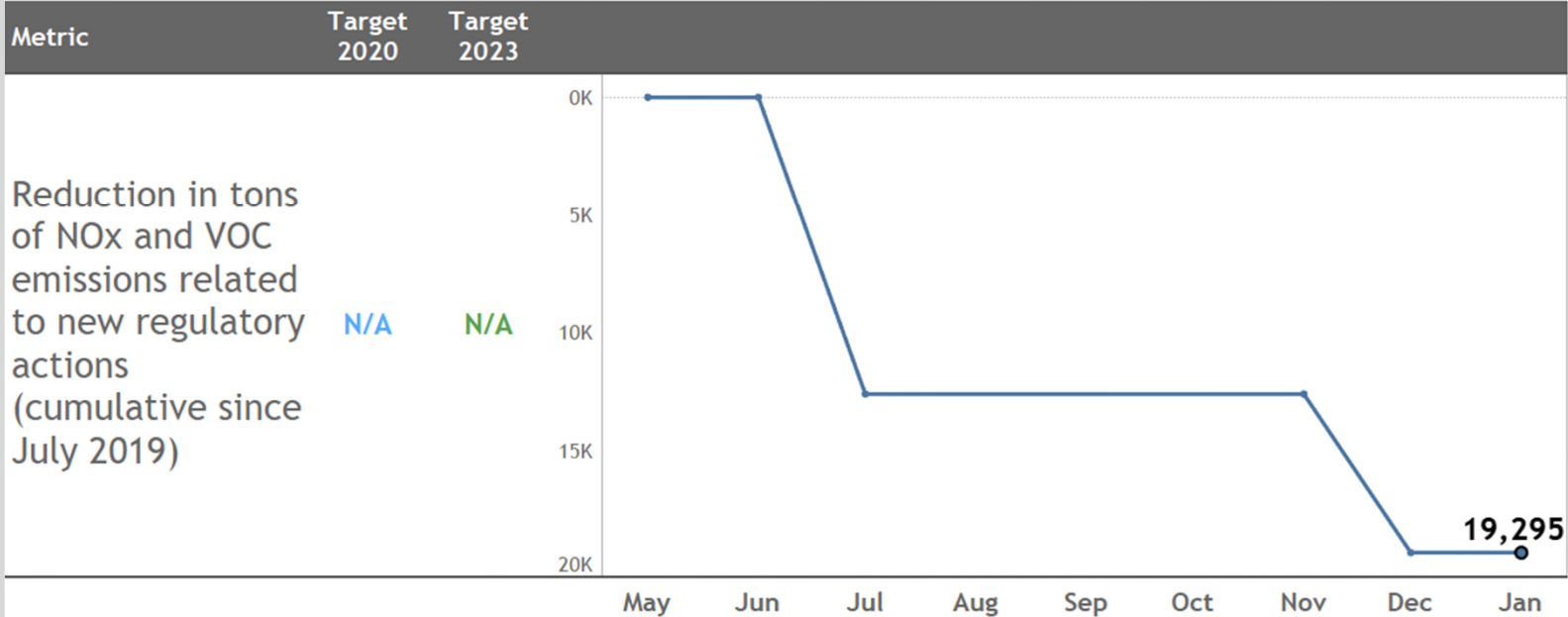
# Air Quality: Reduce Ground Level Ozone Precursors

Reduce ozone

% of activities as of January 2020

83%  
on track

17%





## 2020 Legislative Priority: Air Quality

**Additional Resources for the Air Pollution Control Division  
to protect public health from harmful emissions.**



This proposal would strike the statutory cap on fees set by the APCD and allow the Air Quality Control Commission to set fees as appropriate for the economical and environmental climate

Additional resources will improve our tools for monitoring air emissions to better ensure ozone control planning, respond to hazardous air toxics emissions, and promote cost-effective rulemakings, and compliance. This includes new cutting edge tools for ground and aerial monitoring that are also more effective.



## WIG: Increase Immunizations/Decision Item

**WIG:** Reverse the downward trend and increase the percentage of kindergartners protected against measles, mumps, and rubella from 87.4% to 90% by June 30, 2020 and to 95% by June 30, 2023.



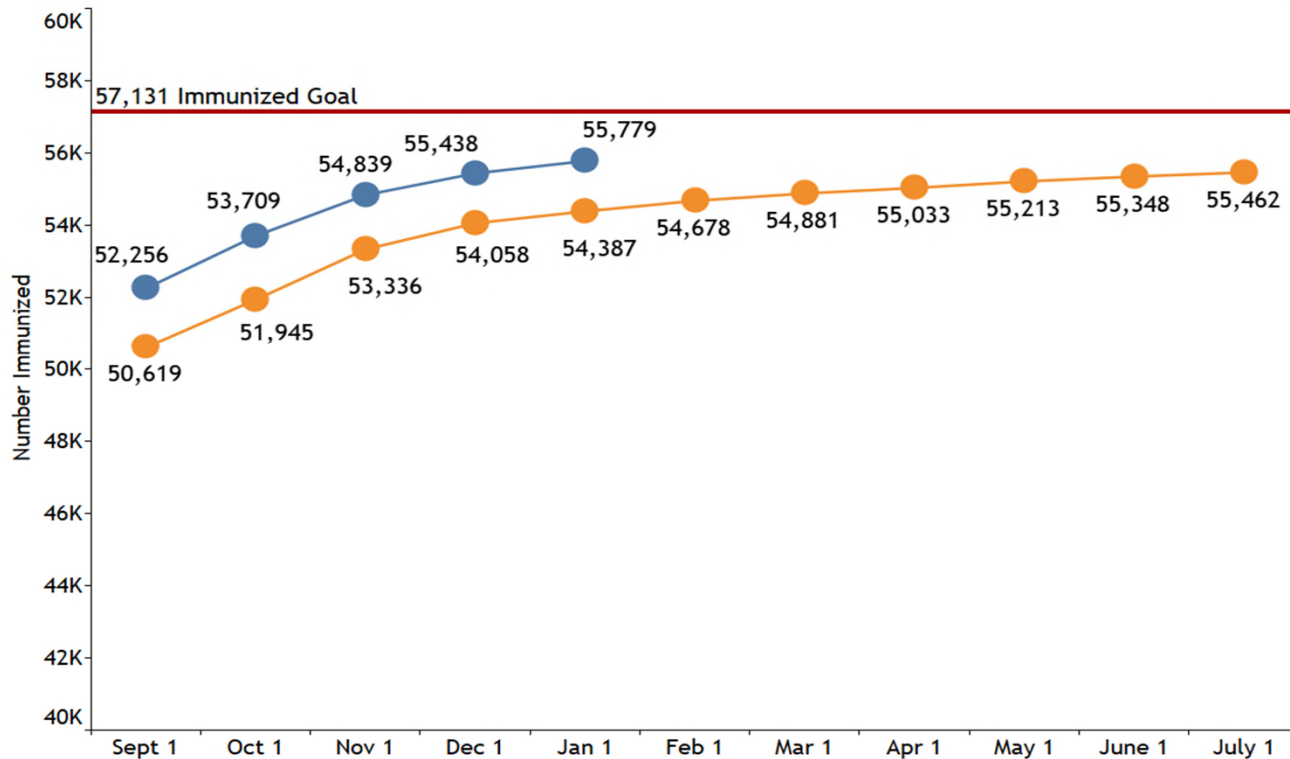
### **R-02 Immunization Outreach**

Decision Item Request: \$2.5M GF to increase immunization rates in counties with low kindergarten measles, mumps, rubella (MMR) vaccination coverage by implementing community-based strategies with local public health agencies.



# WIG Measure: Measles Vaccination of Kindergartners (MMR)

Number of Kindergarten-aged Students Fully Immunized for MMR By July



2019

2018



## WIG: Reduce Obesity/ Decision Item

**WIG:** Decrease the rate of Colorado adults who have obesity from 22.9% to 22.6% by June 30, 2020.

### **R-03 Sustaining Essential Administrative Services**

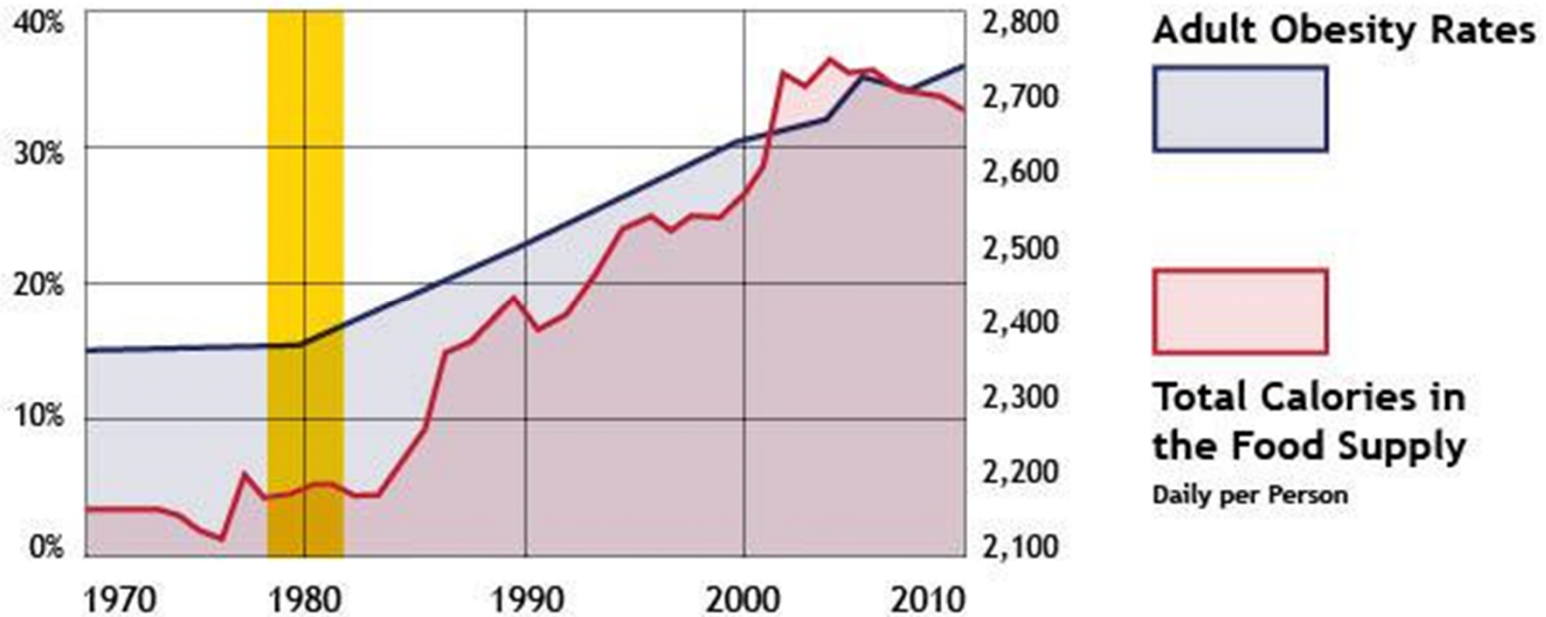
Decision Item Request: \$559,864 RF and 4.3 FTE to move essential

administrative items off the federal preventative block grant, to allow block grant funding to be redirected to the agency's Wildly Important Goals of reducing obesity and suicide prevention.





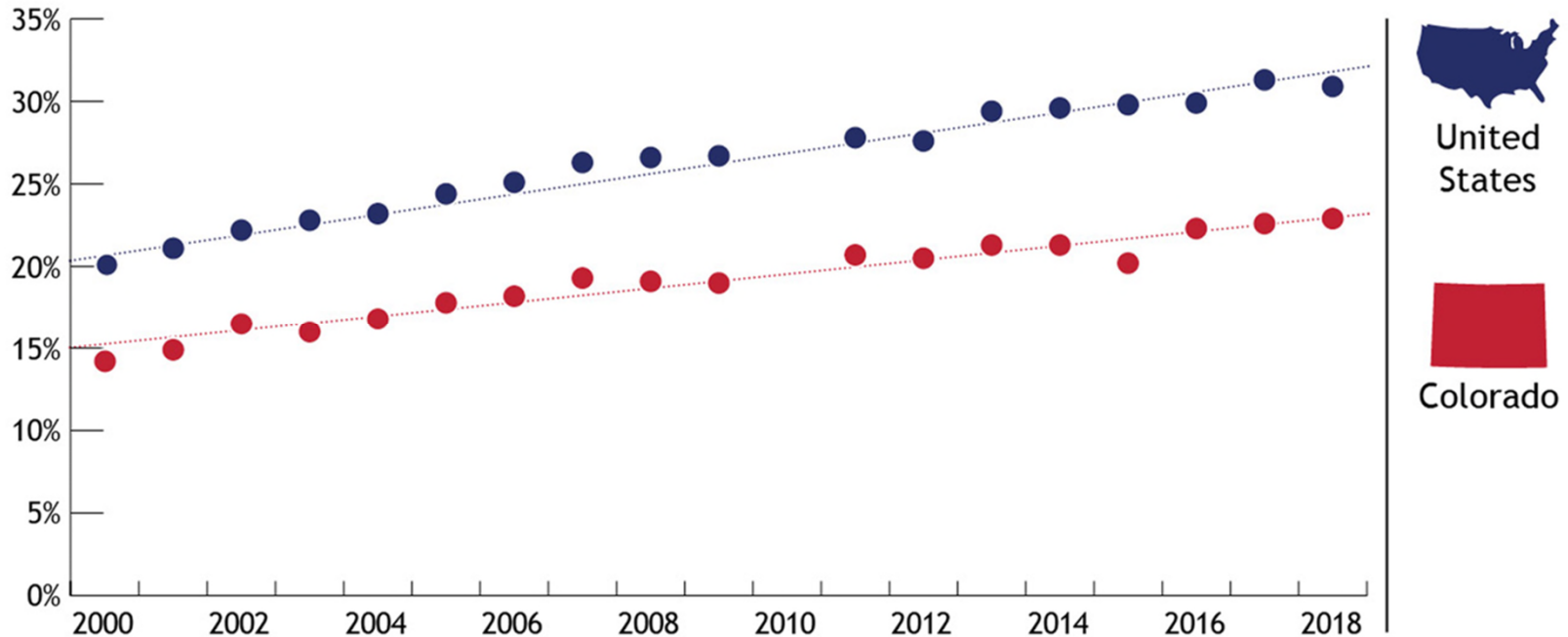
# Obesity Increases in U.S. Adults





# Obesity in Colorado

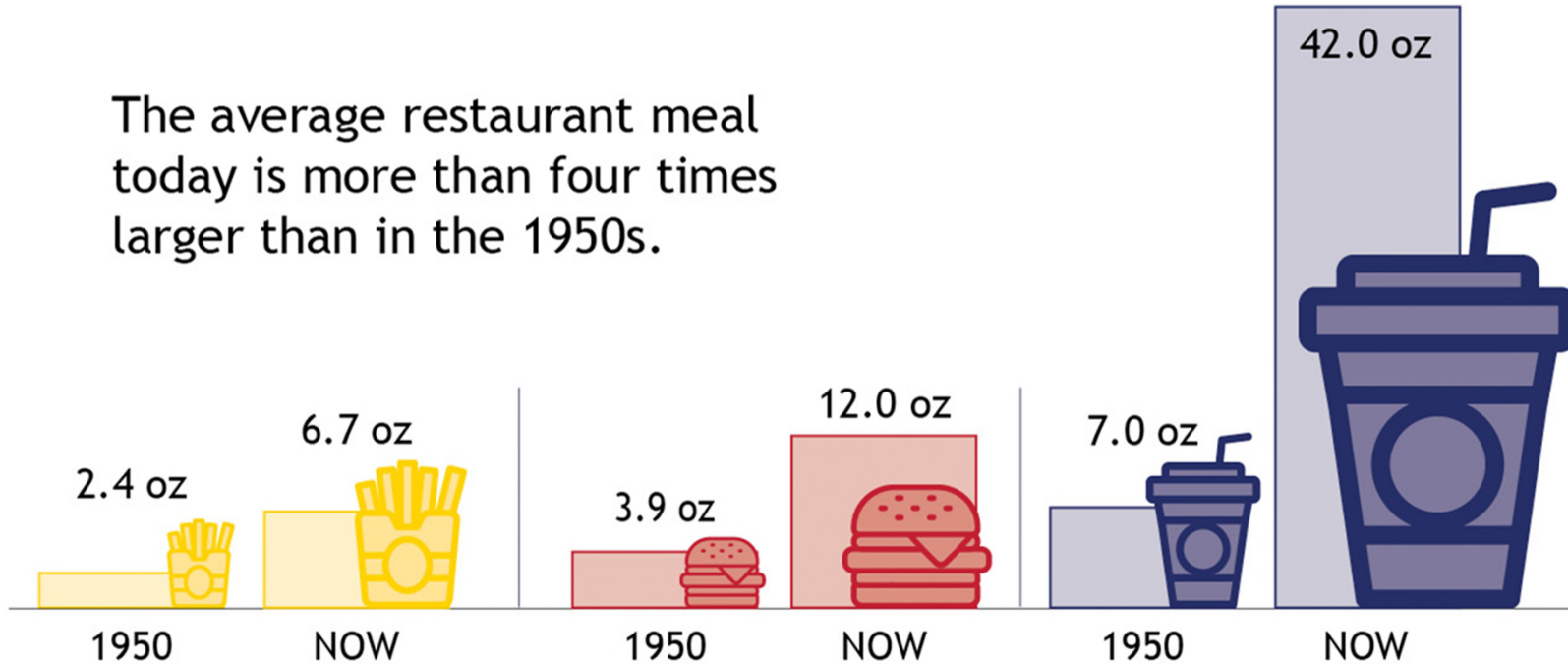
Percentage of adults who have obesity: US, Colorado





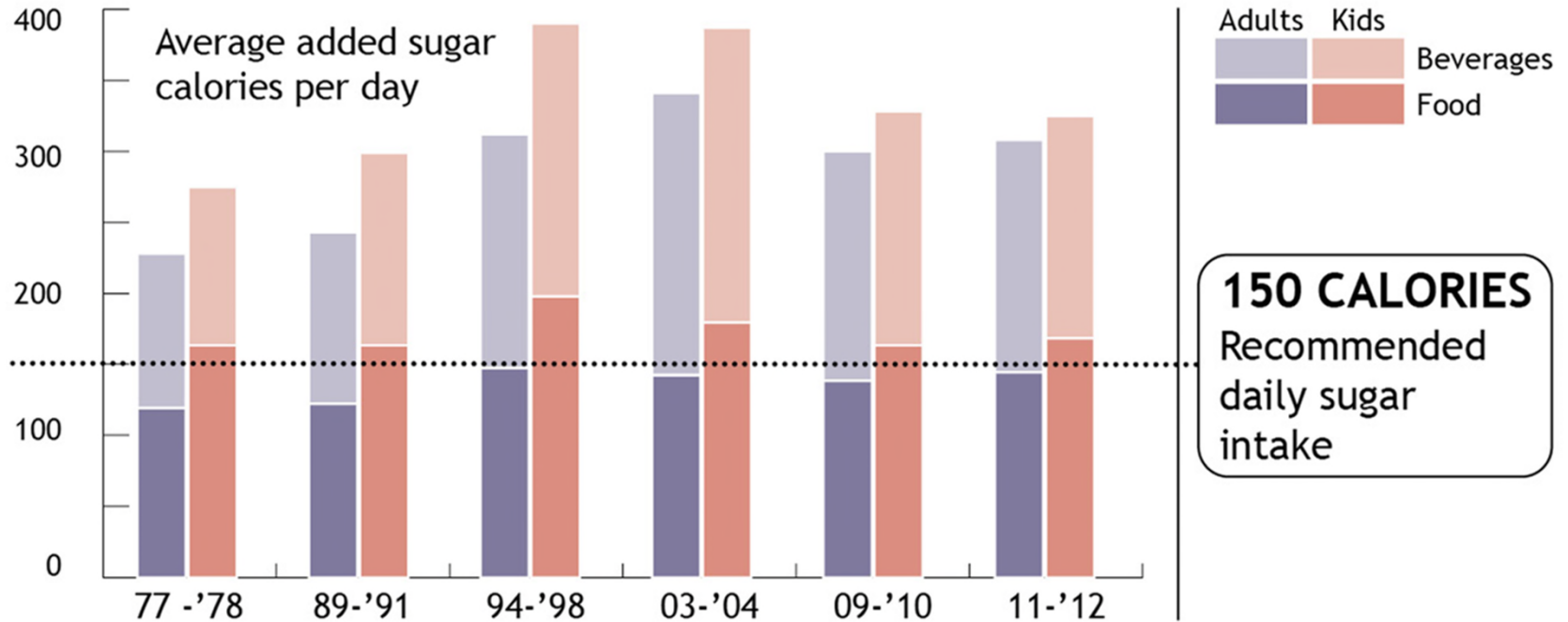
# Obesity: Trends in Portion Size

The average restaurant meal today is more than four times larger than in the 1950s.





# Obesity: Sugar





# Obesity Reduction Strategies



- National Diabetes Prevention Program
- Women, Infant and Children (WIC)
- Sugar-sweetened beverages
- Colorado Healthy Hospital Compact





## WIG: Suicide Prevention / Decision Item

**WIG: Reduce Colorado's suicide rate** from 21.7 per 100,000 people in 2018 to 20.6 (a 5% decrease) by June 30, 2020.

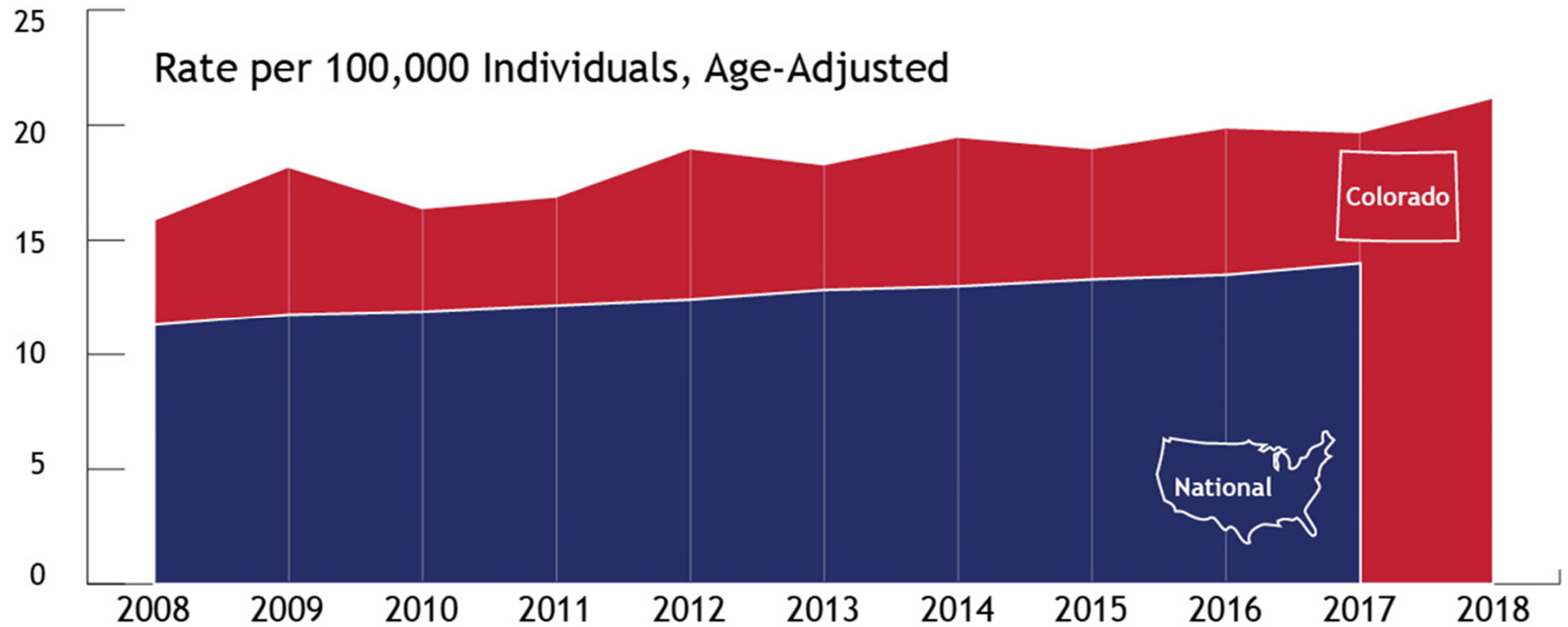
### **R-03 Sustaining Essential Administrative Services**

Decision Item Request: \$559,864 RF and 4.3 FTE to move essential

administrative items off the federal preventative block grant, to allow block grant funding to be redirected to the agency's Wildly Important Goals of reducing obesity and suicide prevention.



# Suicide in Colorado and U.S.



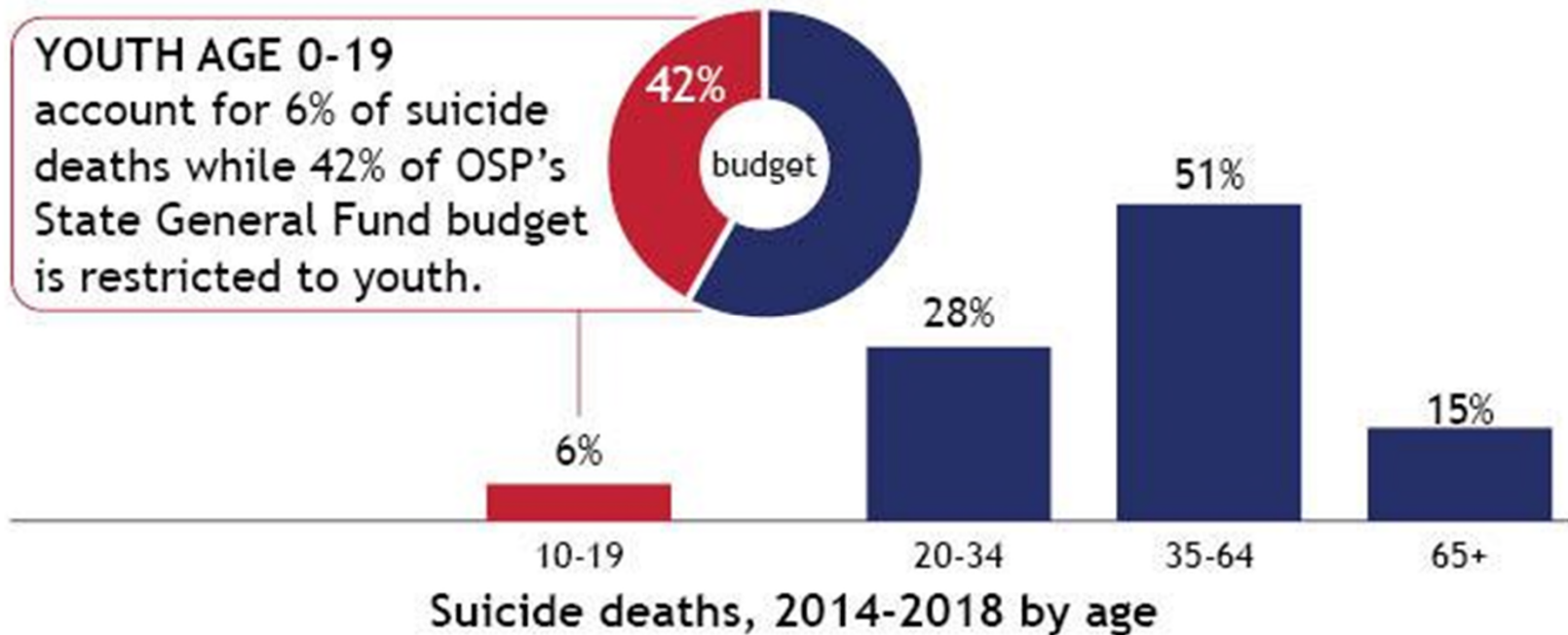


# Suicide Collaboration





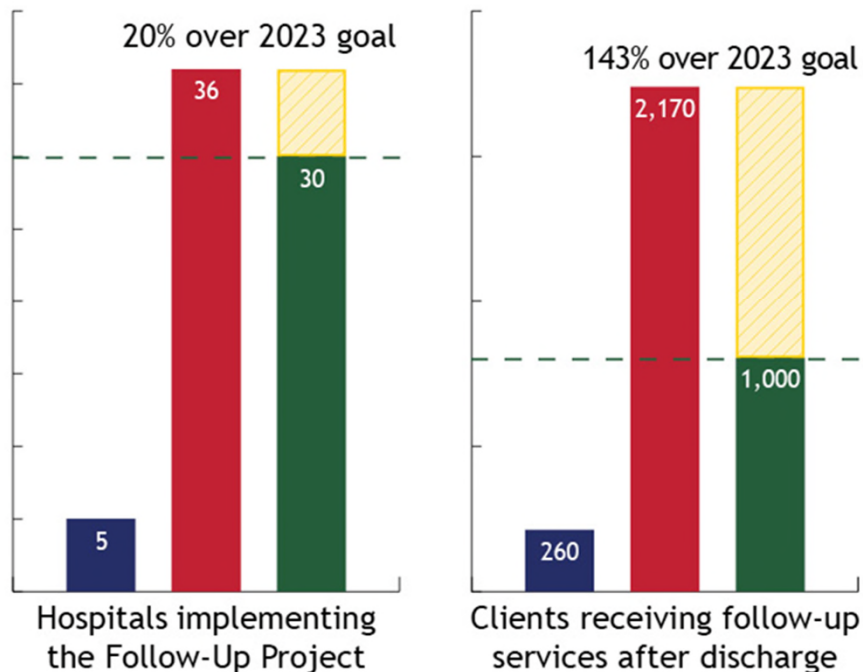
# Colorado Suicide By Age (2014-2018)



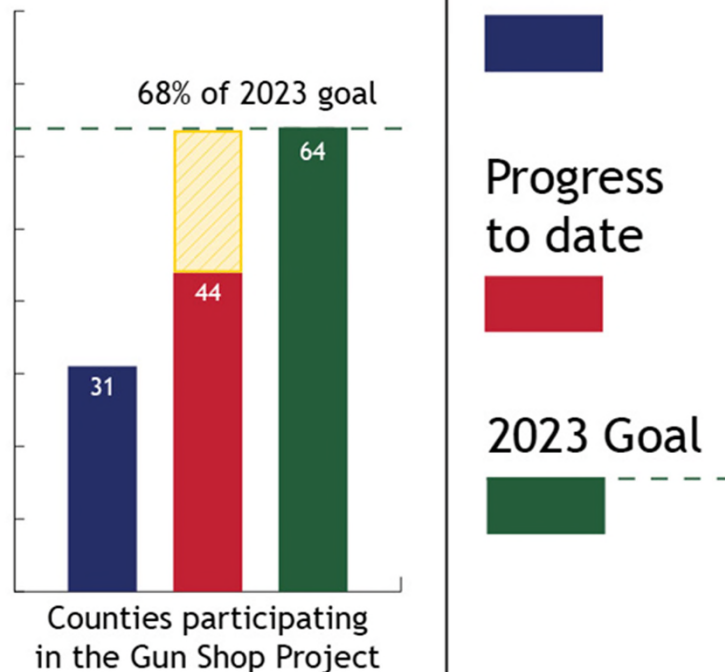


# Suicide Prevention Measures

## COLORADO FOLLOW-UP PROJECT



## GUN SHOP PROJECT







# Suicide Prevention Strategy Successes



**ZERO  
SUICIDE**



**COLORADO  
FOLLOW-UP  
PROJECT**



**LETHAL  
MEANS  
SAFETY**



**SOURCES OF  
STRENGTH**



# Suicide Commission- Statutory Update

## COMMISSION RECOMMENDATIONS



### SUPPORT INTEGRATED HEALTH CARE

- Adopt the Zero Suicide initiative within health care systems.
- Adopt the Colorado Follow-Up Project as standard protocol for following up with suicidal patients after discharge from emergency departments and inpatient settings.
- Promote screening to identify suicide risk within health care settings.
- Support primary care practices in adopting suicide prevention protocols.



### IMPROVE TRAINING AND EDUCATION

- Support training for mental health and substance abuse providers.
- Develop and implement comprehensive suicide prevention strategies for high-risk industries.
- Build capacity within the legal community to identify those at risk for suicide and link them to care.



### BUILD COMMUNITY RESILIENCE AND CONNECTEDNESS

- Strengthen economic stability and supports, including food security, affordable housing, livable wages, and other family-friendly workplace policies.
- Create supportive, inclusive, and safe communities, especially for LGBTQ+ youth.
- Support schools and other youth-serving organizations in implementing comprehensive protocols and evidence-based programming focused on enhancing protective factors.



### ENHANCE DATA COLLECTION AND SYSTEMS

- Encourage and incentivize coroners, medical examiners, and law enforcement to adopt a standardized suicide investigation form.
- Enhance information sharing between organizations.



# CDPHE- Other Priority Issues

Vaping  
E-liquids

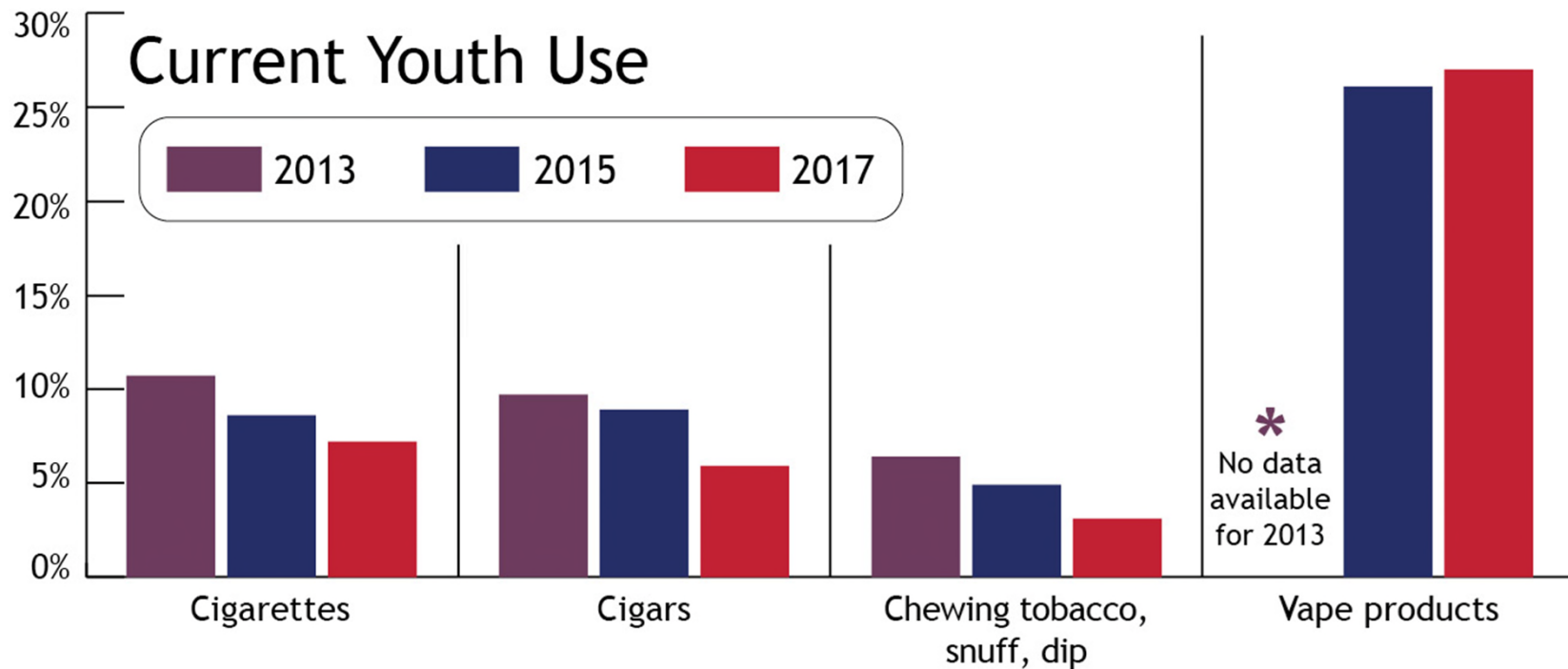


Toxic





# Youth Vaping in Colorado

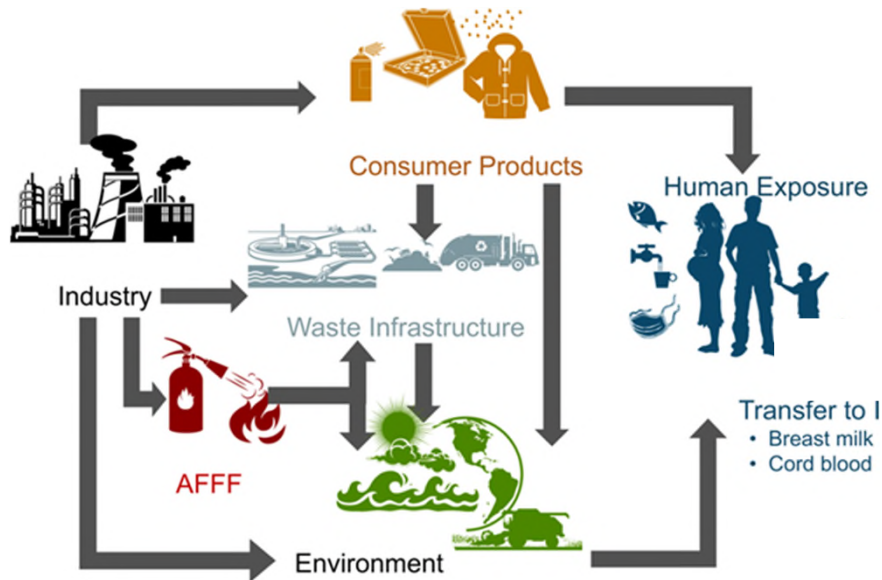




# Emerging Contaminant: Toxic Foam/PFAS

First steps to protect Colorado:

- [Sampling Project](#) to identify impacted drinking water.
  - 149 out of 891 public water systems participating so far
- Develop inventory of contaminated sites.
- Reduce the chain of human exposure when levels are found above health advisory guidelines.







## Other 2020 Legislative Priorities

### **Authority of PFAS Rulemaking**

- This proposal would provide CDPHE the authority to set guidelines, standards, enforcement measures, and rules around PFAS. It also requires the solid and hazardous waste commission to promulgate rules for a certificate of registration for any facility that possesses PFAS in firefighting agents or firefighting equipment and for standards for the capture and disposal of PFAS in firefighting agents or firefighting equipment.

### **Proposed Changes to Water Quality Control Act (WQCA) to Align with Federal Clean Water Act and Colorado's Delegation Responsibilities**

- This proposal would align the Water Quality Control Act with the Federal Reporting and Enforcement guidelines



# CDPHE 2020 Legislative Priorities, Con't

## **County Landfill Enforcement Authority**

- This proposal would provide legislative clarification for the Colorado Department of Public Health and Environment regarding enforcement authority for landfills, including private-and-county-owned active and closed landfills.

## **Small and Closed Landfill Assistance Fund**

- The department seeks the authority to utilize existing funds (\$5M) to provide the funding to assist local governments in maintaining their landfill and/or solid waste disposal site in a compliant status aimed at protecting public health and the environment.

## **Additional Resources for the Air Pollution Control Division to Protect the Public's Health from Harmful Emissions**

- Strike statutory fee cap.



# Decision Items Requests

## **R-01 Oil and Gas Enforcement, Compliance, and Permitting Initiative**

- \$2,417,371 CF and 19.4 FTE to expand capacity for oil and gas compliance, enforcement, permitting and ambient air quality monitoring.

## **R-02 Immunization Outreach**

- \$2.5M GF to increase immunization rates in counties with low kindergarten MMR vaccination coverage and to improve local response capacity.

## **R-03 Sustaining Essential Administrative Services**

- \$559,864 RF and 4.3 FTE to ensure long term funding for essential administrative functions while allowing block grant funding to be redirected to the agency's Wildly Important Goals.

## **R-05 Laboratory Facility Maintenance**

- \$301,593 RF to address audit findings at the State Laboratory Building.

## **R-06 Statewide 0.5% Provider Rate Increase**

- \$47,325 (GF, CF, RAF) to increase the provider rate by 0.5% which affects the Local Public Health Agencies in the state.



# Reduction Requests

## **R-04 Technical Reductions to Spending Authority**

- (\$6,031,844) CF and RAF and (1.0) FTE to better align appropriations to projected expenditures while still allowing the Department to implement the goals of its many programs.

## **R-07 Eliminate Duplicative Waste Grease Program**

- (\$100,890) CF and (0.7) FTE to eliminate a duplicative program that addressing issues surrounding sewer blockages or wastewater backups that local municipalities are effectively identifying and correcting .

## **R-08 External Boards Support Reduction**

- (\$44,007) GF to eliminate the Department's support for two external boards: the Stroke Advisory Board and the Colorado Coroner's Standards and Training Board.



# Regulatory Agenda

## 2019 Highlights

- Newborn Hearing Screening
- Zero Emission Vehicle
- Medical Marijuana Registry Updates

## 2020 Outlook

- Revising the Regional State Improvement Plan Regarding Ozone Attainment for the EPA
- Greenhouse Gas Monitoring
- Advance Medical Directive

**Full calendar in your packet and online  
You can be added to our listserve**



# Newborn Screening-Statutory Update

## **New Condition Added to Newborn Screening Panel**

- Pursuant to Section 25-4-1004(1.5), C.R.S., the Department provided notification that on September 18, 2019, the Department recommended the State Board of Health add Spinal Muscular Atrophy (SMA) due to homozygous deletion of exon 7 in Survival Motor Neuron (SMN1) gene to the Colorado newborn screening panel.
- The rulemaking hearing to consider revision of 5 CCR 1005-4, Newborn Screening and Second Newborn Screening was held on November 20, 2019. SMA was added to the newborn screening panel.



# In Conclusion

## **CDPHE Operating Principle:**

### **We are passionate about making meaningful impact**

- Our efforts create, improve, and benefit a healthier Colorado
- We design, implement, and evaluate innovative solutions
- We base our decisions on available data, evidence, and best practices
- We make changes to things that are not working

Thank you!