

Department of Public Health and Environment

*SMART Act Hearing
January 8, 2016*



Mission

- The mission of the Colorado Department of Public Health and Environment is to protect and improve the health of Colorado's people and the quality of its environment.

Vision

- Colorado will be the healthiest state with the highest quality environment.



Overview

- FY 2014-15 Annual Report overview
- Changes from FY 2014-15 to FY 2015-16
 - How insight into FY 2014-15 performance plan informed the FY 2015-16 priorities
- FY 2015-16 Department Performance Plan (*Department Implementation Plan*)
- CDPHE's Performance Management System overview
 - Tracking measures against standards
 - Reporting structure/schedule
 - Quality improvement
- Legislative Priorities
- SLS/CES Update



FY 2014-15 Annual Report

Overview (main priority areas)

- Effective and efficient use of health data and technology
- Advance Governor's Health Plan and address emerging public health issues in alignment with the Affordable Care Act
 - Oral Health
 - Obesity
 - Substance Abuse and Mental Health
- Efficiently manage environmental permitting, inspection, and monitoring programs to ensure public health protection, improve and protect Colorado's environment, and promote a vibrant economy



FY 2014-15 Outcomes

Effective and efficient use of health data and technology

- Developed the information technology vision that is part of the Foundational Technology Framework (FTF). The FTF involves:
 - forecasting customer needs,
 - continuously modernizing and optimizing business processes and
 - informing the 5-year IT roadmap for the department.
- Bidirectional, real-time messaging with Colorado Immunization Information System (CIIS) with hospitals/clinics is on track.



FY 2014-15 Outcomes

Advance Governor's Health Plan and address emerging public health issues in alignment with the Affordable Care Act

- **Oral Health**
 - Trained over 115 new dental/medical providers on early oral health interventions in young children
 - Collaborating with HCPF to track dental visits by age 1 for children in enrolled in Medicaid
- **Obesity**
 - 13 hospitals involved with Healthy Hospital Compact
 - Healthy beverage guidelines for concessions, beverage coolers and vending across the state departments on track
- **Substance Abuse and Mental Health**
 - 19,484 visitors to Man Therapy website
 - Involved with Quad Regulatory Boards (Board of Medicine, Board of Pharmacy, Board of Nursing, and Board of Dentistry) on prescribing/dispensing opioids

FY 2014-15 Outcomes

Efficiently manage environmental permitting, inspection, and monitoring programs to ensure public health protection, improve and protect Colorado's environment, and promote a vibrant economy

- Online permitting pilot component was released for Request for Proposal and is on track
- Purchased and started to implement a records management system for the Air Pollution Control Division and Water Quality Control Division

Changes from FY 2014-15 to FY 2015-16 Department Plan

FY 2014-15	FY 2015-16
Effective and efficient use of health data and technology	Moved to ‘Sustainable, efficient programs and infrastructure’
Advance Governor’s Health Plan and address emerging public health issues in alignment with the Affordable Care Act: - Oral Health	Not included
- Obesity	Renamed ‘Healthy Eating Active Living and Obesity Prevention’ to align with the Public Health Improvement Plan (PHIP)
- Substance Abuse and Mental Health	Renamed ‘Mental Health and Substance Abuse’ to align with PHIP
Efficiently manage environmental permitting, inspection, and monitoring programs to ensure public health protection, improve and protect Colorado’s environment, and promote a vibrant economy	Moved to ‘Sustainable, efficient programs and infrastructure’
	Added: Healthier Air Clean Water Health Equity and Environmental Justice

Development of FY 2015-16 Priorities



Vision 2018: Where do we want Colorado to be in 4 years?

Healthy Colorado:

Shaping a State of Health

Colorado's Plan for Improving Public Health and the Environment
2015-2019

The State of Health

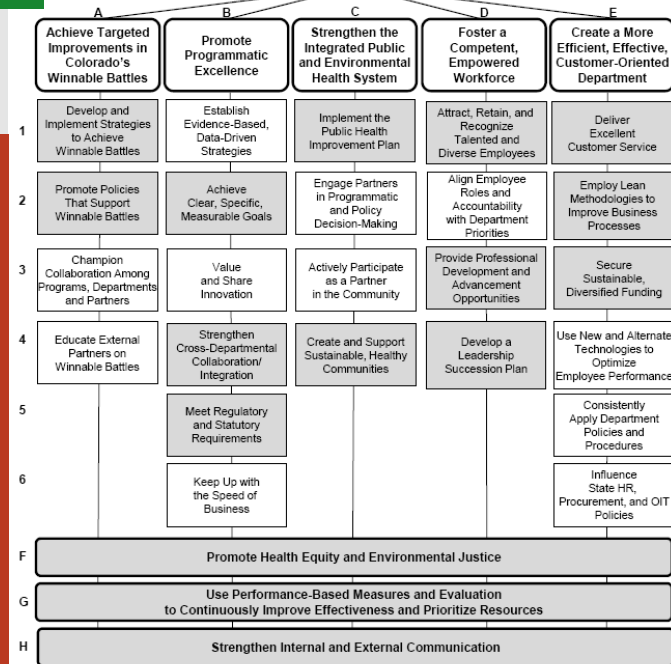
COLORADO'S
COMMITMENT
TO BECOME THE
HEALTHIEST STATE



Office of Governor
John Hickenlooper
April 2013

Colorado Department of Public Health and Environment Strategic Map: 2011-2016

Align Priorities and Resources
to Improve and Sustain Public Health
and Environmental Quality



FY 2015-16 Priorities



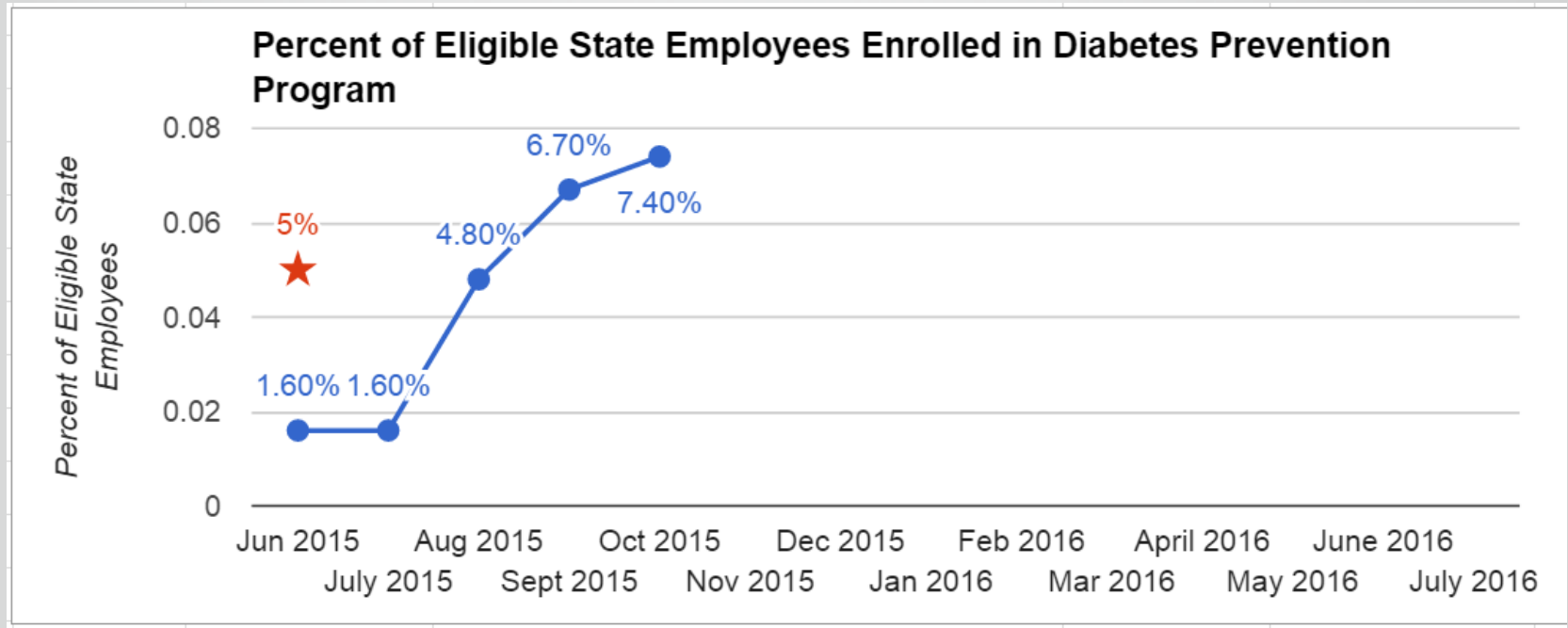
Healthy Eating Active Living

Strategies:

- Breastfeeding-friendly environments
- Nutrition and physical activity environments for children
- Access to worksite wellness programs
- Diabetes Prevention Program
- Advance ‘health in all policies’
- Coordinated obesity surveillance



Healthy Eating Active Living



Healthy Eating Active Living

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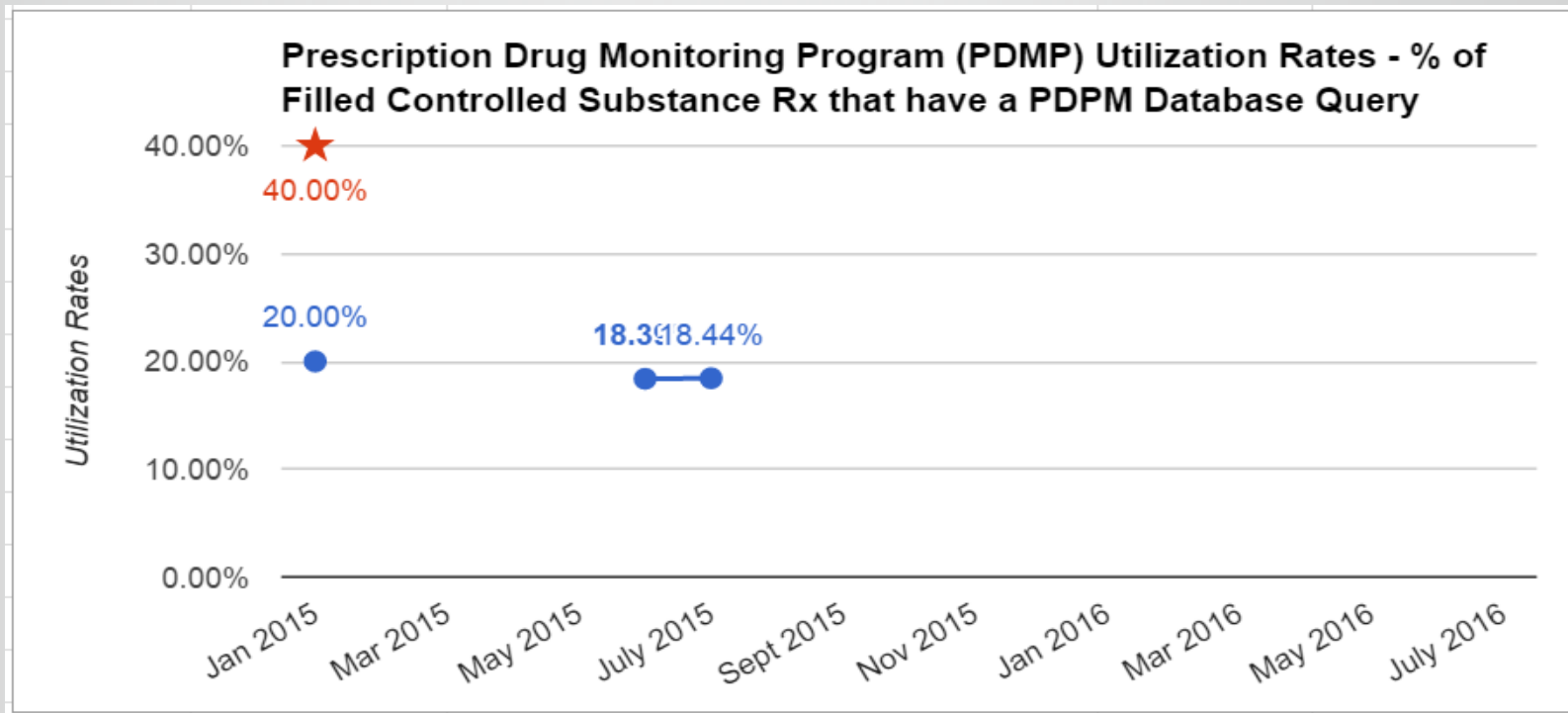
Mental Health and Substance Abuse

Strategies:

- Access to high quality mental and behavioral health care
- Screening and referral practices for depression
- Continuing education about safe prescribing practices
- Safe prescribing practices and permanent drug disposal sites



Mental Health and Substance Abuse



Mental Health and Substance Abuse

Metric	Frequency	Target	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	July 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015
Unique visitors to all marijuana campaign and portal websites	Monthly	35,000	39,433	34,733	44,572	30,940	24,452	10,048	9,259	21,979	18,813	14,731	
% of HS students who used marijuana one or more times during the past 30 days	Annual	19.70%	19.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
# of calls per month to MH Crisis Response hotline	Monthly	10,000	4233	3855	5141	5383	5949	5891	6192				
Self-reported, non-medical opioid (prescription drug) use	Annual	3.5% (by 2018)	5.08%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Mental Health and Substance Abuse

Metric	Frequency	Target	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	July 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015
PDMP Utilization Rates	Monthly	40.00%	20.00%					18.39%	18.44%				
Pounds of medications collected through permanent locations and take-back events	Monthly	N/A	914	911	1,004	870	1,339	1203	1,124	980	1,314	1,120	1,042
# of pharmacies and harm reduction agencies that have standing orders for naloxone	Monthly	200	N/A	N/A	N/A	N/A	N/A	12	15	16	17	21	138
Suicide rate	Annual	17.0/ 100,000 (by 2018)	18.5/ 100,000	N/A	N/A	N/A	N/A	N/A	N/A				

Suicide Prevention Commission

2014-15 Recommendations:

- Promote universal screening and adopt standardized protocols for following-up with patients who attempt or are at risk for suicide after discharge from ED
- Adopt minimum training requirements for mental health providers
- Adopt the *Zero Suicide Framework* within healthcare systems
- Develop comprehensive suicide prevention strategies for first responders
- Support the legal community with training to ID suicide risk and link to care
- Launch gun shop based education pilot



Healthier Air

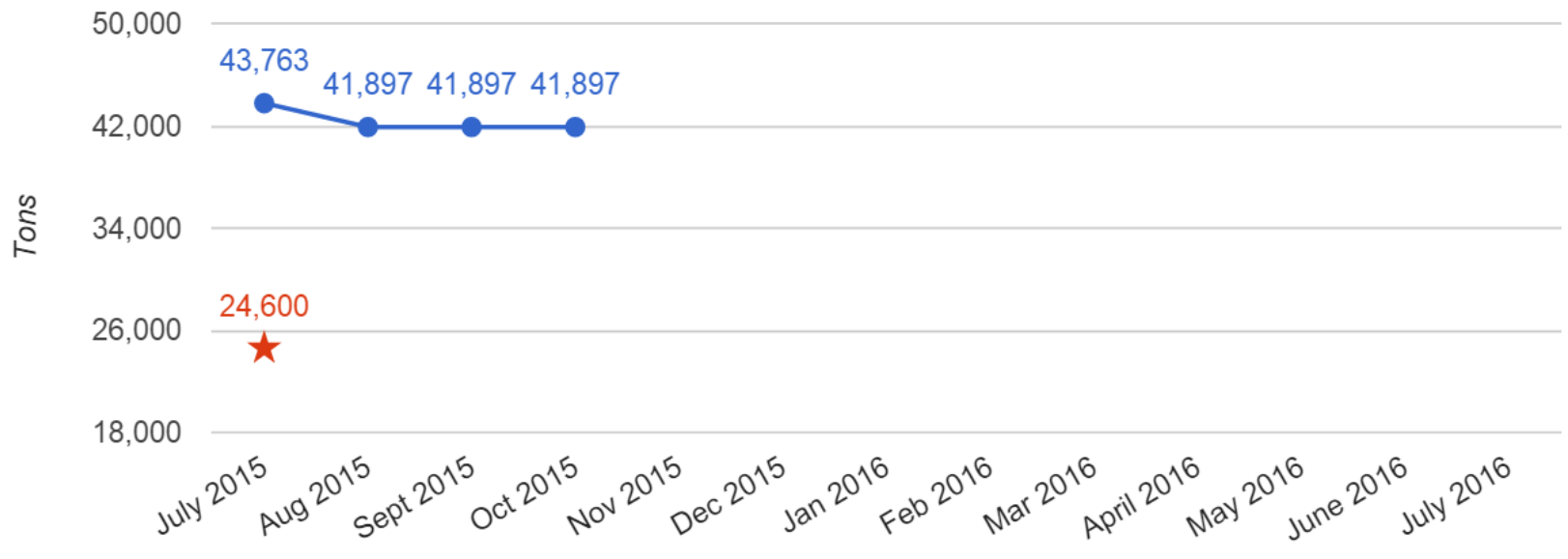
Strategies:

- Decrease harmful air emissions through regulatory mechanisms designed to meet air quality standards
- Reduce carbon dioxide emissions from electric generation units through implementation of the Clean Air Clean Jobs Act and the federal Clean Power Plan



Healthier Air

Annual NOx Emissions from Coal-Fired Power Plants (Total EGUs with 2018 or Earlier Compliance Deadlines)



Healthier Air

Metric	Frequency	Target	July 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015
Annual NOx emissions from coal-fired power plants (Total EGUs with 2018 or earlier compliance deadlines)	Annual	24,600	43,763	41,897	41,897	41,897	41,897
Reduce annual volatile organic compound emissions in the ozone nonattainment area to comply with the existing federal ozone standard	Annual	158,950 tons	-	-	-	-	-
Reduce annual emissions of CO2 by power providers to comply with the new federal Clean Power Plan	Annual	1174 lb/MWh	1973 lb/MWh	-	-	-	-
% complete 2017 VOC emissions inventory, incorporating benefits of AQCC's 2014 oil & gas regulation.	Monthly	100%	75%	90%	100%	100%	100%
# meetings per month with Regional Air Quality Commission and stakeholders to identify appropriate VOC reduction strategies	Monthly	1	1	1	2	1	2
% completion and submittal to EPA of SIP designed to demonstrate compliance with the existing Ozone standard	Monthly	100%	0%	0%	3%	5%	8%
CO2 emission reductions from implementation of CACJ obligations: • Total reduction from PSCo Cherokee Unit 3 and 4 shutdown / fuel switch	Quarter	1,250,000 tpy	–	1,210,943	1,210,943	1,210,943	1,210,943
% completion and submittal to EPA of state plan designed to demonstrate compliance with new federal Clean Power Plan	Monthly	100%	0%	1%	2%	3%	5%

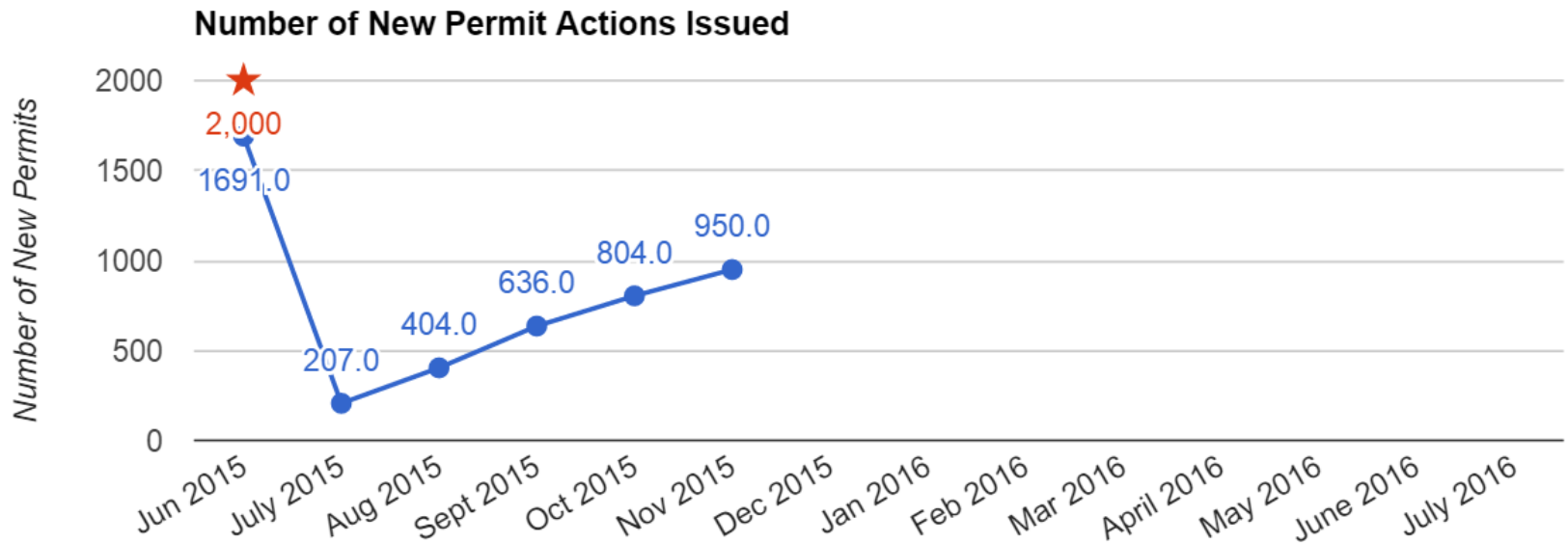
Clean Water

Strategies:

- Expand water body characterization
- Restore impaired water bodies
- Maintain water quality status with continued population growth



Clean Water



Clean Water

Metric	Frequency of Measure	Target	Jun 2015	July 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015
% of total miles of rivers and streams meeting quality standards	Annual	58.60%	51.6%	N/A	N/A	N/A	N/A	N/A
% of total acres of lakes/reservoirs meeting quality standards	Annual	42.10%	30.10%	N/A	N/A	N/A	N/A	N/A
% of streams/river miles assessed	Annual	80%	78%	N/A	N/A	N/A	N/A	N/A
% of lake and reservoir acres assessed	Annual	55%	42%	N/A	N/A	N/A	N/A	N/A
# of new permit actions issued (cumulative since July 2015)	Monthly (cumulative target)	2,000	1691.0	207.0	404.0	636.0	804.0	950.0

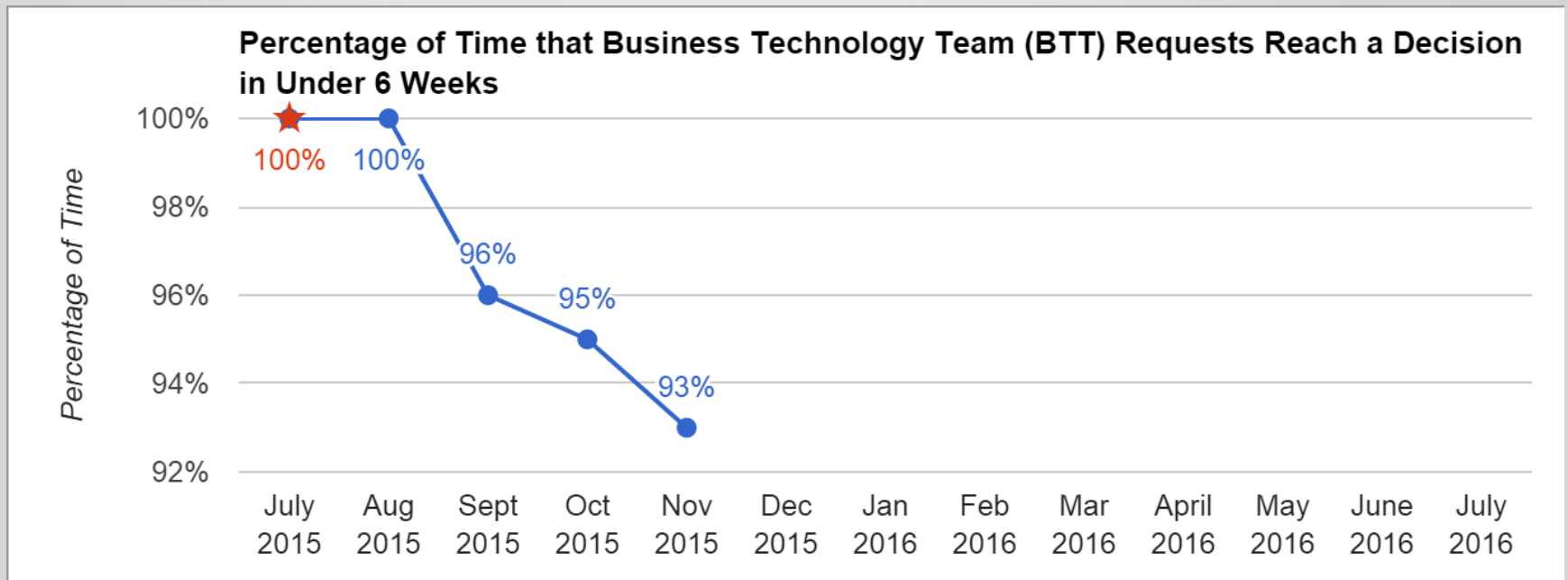
Sustainable, efficient programs and infrastructure

Strategies:

- Developing a quality improvement (QI) culture
- Improving workforce engagement
- Utilizing health information, data and technology
- Developing funding and resources



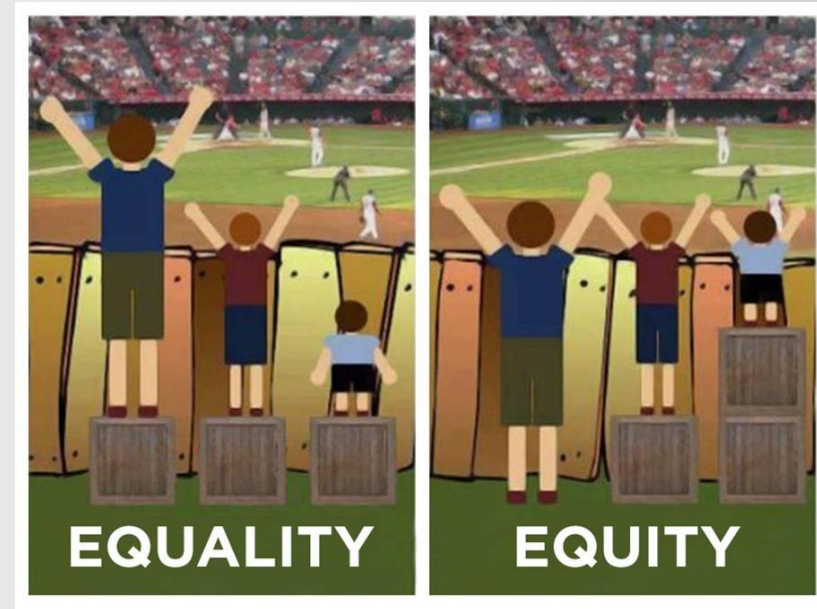
Sustainable, efficient programs and infrastructure



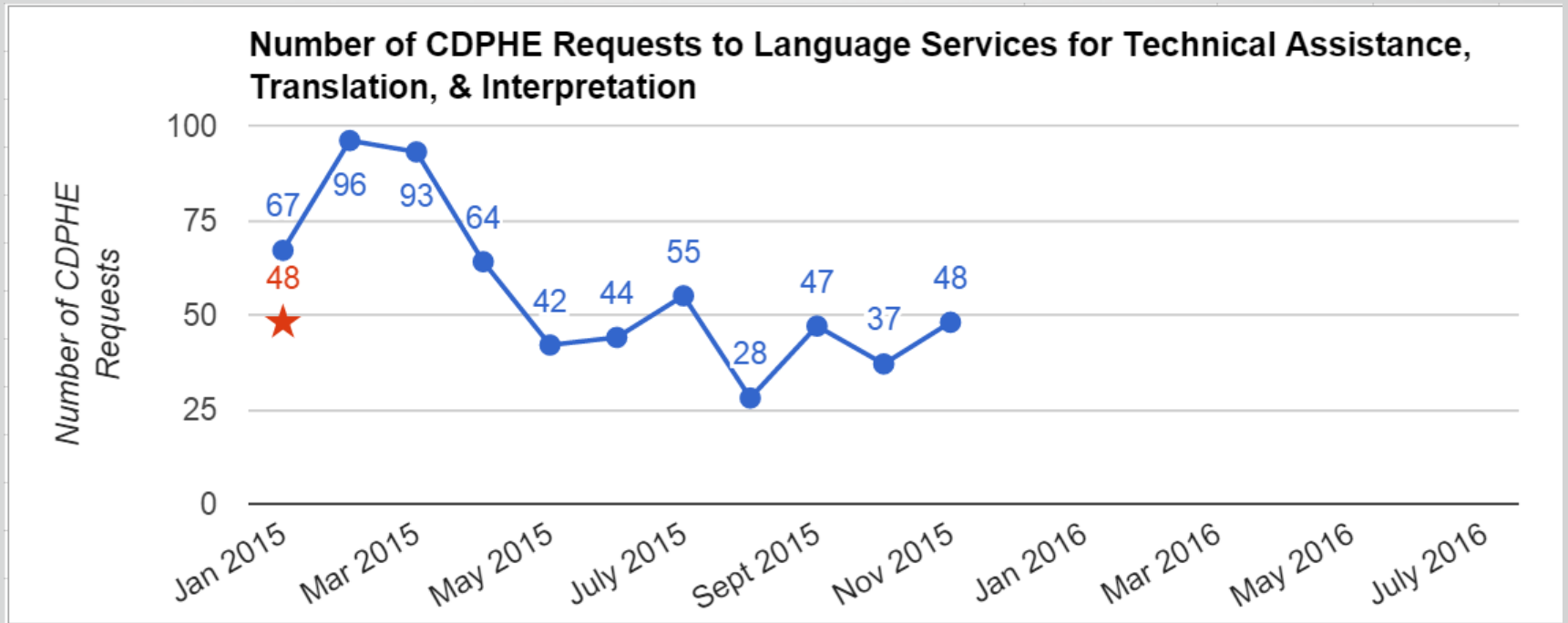
Promote Health Equity and Environmental Justice

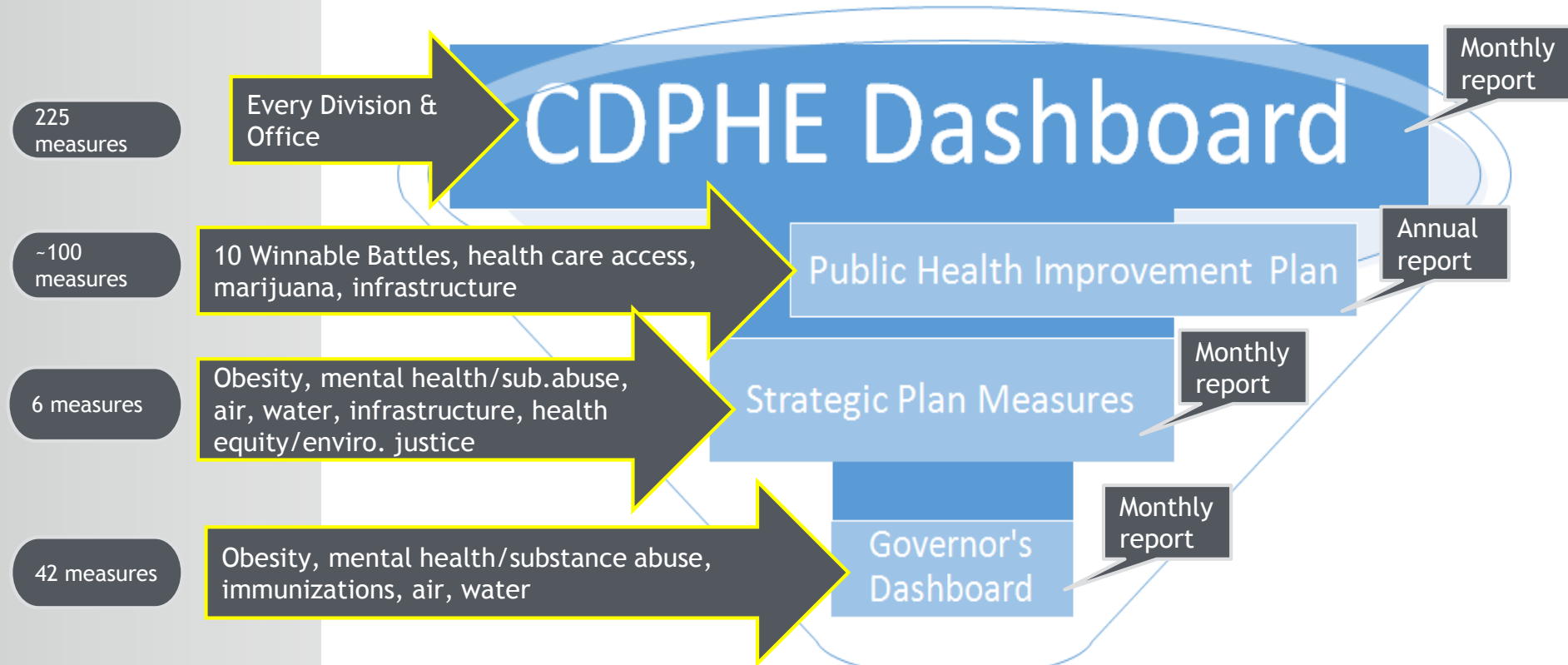
Strategies:

- Language services
- Increase engagement with disadvantaged populations to promote healthy people and healthy places
- Increase internal knowledge and use of HE&EJ principles



Promote Health Equity and Environmental Justice





Update measures in ONE place,
report them in MANY

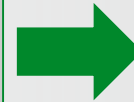
Performance Management System at CDPHE

Performance Tracking (Google Sheets)

- Dashboard
- Department Plan (progress on priorities)

Priority: Healthy Eating Active Living and Obesity Prevention*			
Measure	% eligible state employees enrolled in Diabetes Prevention Program		
Goal 1 - Reverse the upward obesity trend by aligning and intensifying efforts to develop a culture of health and creating conditions for Coloradans to achieve healthy weight across the lifespan.			
Strategies			
1.1 • Develop policies and programs that protect, promote and support breastfeeding-friendly environments			
Activities	Who (program/person)	By when	
Lead state-level technical assistance including one workshop and a minimum of two webinars through the Colorado Baby-Friendly Hospital Collaborative (CBFHC) to support up to 17 hospitals in becoming Baby-Friendly designated.	Prevention Services Division/Stacy Miller	6/30/2016	On track • Provided a successful webinar to the Colorado Baby-Friendly Hospital Collaborative in June, with over 30 attendees from the 17 participating

Monthly Tracking (FY 2015-16)				
Indicate Status each month: Achieved, On track, On track with challenges, Off track Add pertinent details in the Monthly Report column as needed (these details may be shared)				
July	Monthly Report details	August	Monthly Report details	September



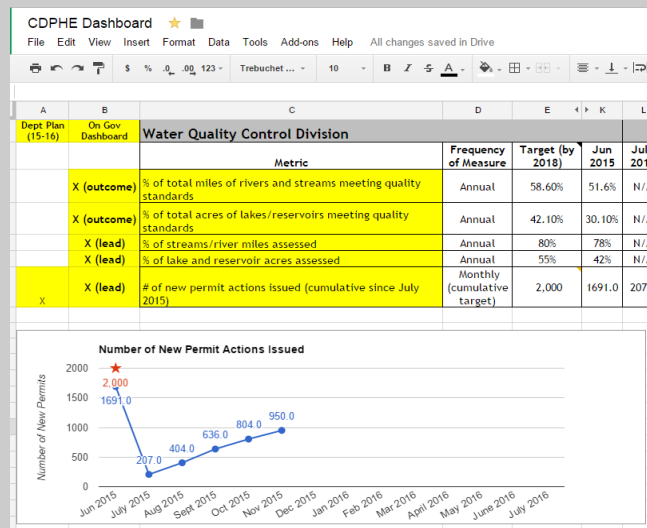
Performance Reports

- Meetings and conversations about data and progress towards meeting standards
- Identify areas needing improvement



Quality Improvement (QI)

- QI projects initiated as needed
- Track data to see improvements



Legislative Priorities

- Healthy Homes
- EBAT
- Marijuana Edibles

Technical bills:

- Air Ambulances
- Immunizations



SLS/CES Update

- Work group convened 6/14 to address rule changes.
- Final report completed 12/15.
- Draft Board of Health rule changes complete with rule hearing scheduled 3/16.
- Technical assistance/education assistance to providers.
- Numerous efficiencies incorporated, monitoring results.
- Continued evaluation of fees for efficiency/equitability.
- HCPF rulemaking pending.

Questions