COLORADO
Governor Jared Polis

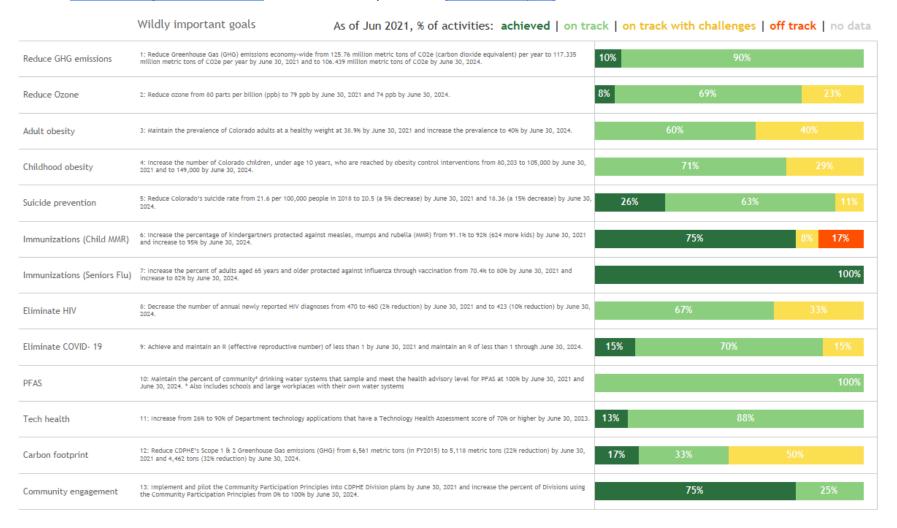FY2021 Strategic Plan FINAL Status Report

COLORADO
Department of Public
Health & Environment
CDPHE

The Department of Public Health and Environment has 13 goals in the department strategic plan for FY 2020-2021. For this performance evaluation, the Department has provided an update on the status of activities listed in the strategic plan and the related outcome and lead measures. The updates reflect data as of June 31, 2021. Visit the CDPHE Strategic Plan Dashboard and review the Department's performance plan for more information and details.

Wildly important goals		As of Jun 2021, % of activities: achieved | on track | on track with challenges | off track | no data
Reduce GHG emissions	1: Reduce Greenhouse Gas (GHG) emissions economy-wide from 125.76 million metric tons of CO2e (carbon dioxide equivalent) per year to 117.335 million metric tons of CO2e per year by June 30, 2021 and to 106.439 million metric tons of CO2e by June 30, 2024.	10% | 90%
Reduce Ozone	2: Reduce ozone from 80 parts per billion (ppb) to 79 ppb by June 30, 2021 and 74 ppb by June 30, 2024.	8% | 69% | 23%
Adult obesity	3: Maintain the prevalence of Colorado adults at a healthy weight at 38.9% by June 30, 2021 and increase the prevalence to 40% by June 30, 2024.	60% | 40%
Childhood obesity	4: Increase the number of Colorado children, under age 10 years, who are reached by obesity control interventions from 80,203 to 105,000 by June 30, 2021 and to 149,000 by June 30, 2024.	71% | 29%
Suicide prevention	5: Reduce Colorado's suicide rate from 21.6 per 100,000 people in 2018 to 20.5 (a 5% decrease) by June 30, 2021 and 18.36 (a 15% decrease) by June 30, 2024.	26% | 63% | 11%
Immunizations (Child MMR)	6: Increase the percentage of kindergartners protected against measles, mumps and rubella (MMR) from 91.1% to 92% (624 more kids) by June 30, 2021 and increase to 95% by June 30, 2024.	75% | 8% | 17%
Immunizations (Seniors Flu)	7: Increase the percent of adults aged 65 years and older protected against influenza through vaccination from 70.4% to 80% by June 30, 2021 and increase to 82% by June 30, 2024.	100%
Eliminate HIV	8: Decrease the number of annual newly reported HIV diagnoses from 470 to 460 (2% reduction) by June 30, 2021 and to 423 (10% reduction) by June 30, 2024.	67% | 33%
Eliminate COVID- 19	9: Achieve and maintain an R (effective reproductive number) of less than 1 by June 30, 2021 and maintain an R of less than 1 through June 30, 2024.	15% | 70% | 15%
PFAS	10: Maintain the percent of community* drinking water systems that sample and meet the health advisory level for PFAS at 100% by June 30, 2021 and June 30, 2024. * Also includes schools and large workplaces with their own water systems	100%
Tech health	11: Increase from 26% to 90% of Department technology applications that have a Technology Health Assessment score of 70% or higher by June 30, 2023.	13% | 88%
Carbon footprint	12: Reduce CDPHE's Scope 1 & 2 Greenhouse Gas emissions (GHG) from 6,561 metric tons (in FY2015) to 5,118 metric tons (22% reduction) by June 30, 2021 and 4,462 tons (32% reduction) by June 30, 2024.	17% | 33% | 50%
Community engagement	13: Implement and pilot the Community Participation Principles into CDPHE Division plans by June 30, 2021 and increase the percent of Divisions using the Community Participation Principles from 0% to 100% by June 30, 2024.	75% | 25%

Wildly Important Goals:	Metric	Baseline Date	Baseline	Target 2021	Apr	May	Jun
Reduce GHG emissions	% of comprehensive blueprint developed	2020	25	100	100	100	100
	Number of AQCC rulemakings completed to reduce emissions	2020	2	6	7	7	7
Reduce Ozone	Reduction in tons of NOx and VOC emissions related to new regulatory actions (cumulative since July 2019)	2020	19295	TBD	63,518	63,518	63,518
Adult obesity	# of Colorado hospitals participating in the Healthy Hospital Compact	2020	31	36	36	36	36
	# of hospitals that achieve recognition through participation in Colorado Healthy Hospital Compact	2020	22	30	22	22	22
	# of adults in Colorado who enrolled in the National Diabetes Prevention Program	2019	14005	21500	20164	20164	20164
	% of eligible state employees who enroll in the National Diabetes Prevention Program	2019	35	45	36.5	36.5	36.5
Childhood obesity	# of hospitals in Colorado certified as Baby-Friendly	2019	14	15	13	13	13
	# children (ages 2-10) affected by municipal-level policies that make milk or water the default beverage in restaurants..	2019	1725	25170	1725	1725	1725
	# of births that occur at a Colorado Baby-Friendly Hospital Collaborative member hospital (cumulative measure report..	2019	37,604	39000			36,368
	# of child care providers who completed a CDPHE-created training related to physical activity, breastfeeding, and nutr..	2020	3424	4000	9366	(July 2021) 9501	
	# of healthy meals and snacks served in CACFP enrolled child care facilities. (2-month lag in data. Oct data represents ..	June 2020	967367	1015735	2232561	2117330	1060138
Suicide prevention	# Colorado completions for 20 Point Head Inspection found on www.mantherapy.org (one month lag, cumulative)	2019	5000	6500	6147	7250	8350
	# of agencies participating in the Colorado Zero Suicide Learning Collaborative each month	2019	14	20	47	50	50
	# of clients receiving follow-up services after discharge from an emergency department per year (one month lag, cumu..	2018	260	4000	4238	5026	5850
	# of counties participating in the Gun Shop Project each quarter	2019	31	45	55	55	55
	# of hospitals implementing the Follow Up Project protocol	2019	35	40	42	48	53
	# of middle and high schools (funded by CDPHE) implementing Sources of Strength to fidelity each quarter	2019	106	150	158	128	128
	Age-adjusted rate of firearm suicide fatalities all ages. *annual data has one year lag; monthly rates represent 3 mont..	2018	11.1	10.5	11.3	10.7	11.7
	Age-adjusted suicide rate per 100,000 people. *annual data has one year lag; monthly rates represent 3 month lag (eg..	2018	21.6	20.6	21.4	20.1	20.7
	Suicide rate per 100,000 among men aged 25 - 64. *annual data has one year lag; monthly rates represent 3 month lag ..	2018	43.3	41.1	42.8	42.2	43.2
	Suicide rate per 100,000 among people ages 65+. *annual data has one year lag; monthly rates represent 3 month lag (..	2018	23.3	22.1	25.9	19.5	22.4
	Suicide rate per 100,000 among youth ages 10 - 18. *annual data has one year lag; monthly rates represent 3 month la..	2018	11.5	10.9	13.8	12.6	10.7
Immunizations (Child MMR)	# of clinics reporting electronically to CIIS	2018	1179	1573	1,819	1,828	1,834
	# of kindergarten-age kids vaccinated for MMR in CIIS	Null	Null	60211	57,885	58447	58,565
	% of known immunizing providers that submit immunization and medical exemption data to CIIS	2018	86	90	79.9	78.8	79.7
	% of school districts that share their student directory with CIIS	2018	0	10	0		0
Immunizations (Seniors Flu)	# of adult immunizing clinics reporting electronically to CIIS	2019	1214	1264	1,459	1,463	1,596
	% of known adult immunizing providers that submit immunization data to CIIS	2019	78	85	91.8	91.7	83.8
Eliminate HIV	# of care continuum analyses conducted per quarter (cumulative)	2019	2	4	2	3	3
	# of HIV home testing kits distributed to people at risk for HIV (cumulative)	2019	21	100	1030	1048	1121
	# of meetings for the High-Risk Perinatal HIV Virtual Rounds group (cumulative)	2019	2	12	7	8	8
	# of providers who received educational materials from CDPHE about PrEP, HIV, and STIs (cumulative)	2019	478	500	5005	5005	5005
	% of clients screened for PrEP that are eligible per quarter* (cumulative)	2019	45	51	92	92	81
	% of newly diagnosed with HIV who received partner services per quarter* (cumulative)	2019	86	87	87.3	87.3	87

	Apr	May	Jun

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Wildly Important Goal -	Metric	Baseline Date	Baseline	Target 2021	Apr	May	Jun
PFAS	# of voluntary remedial actions supported	2020	0	TBD	8	8	8
	% of community drinking water systems tested and analyzed	2020	0	TBD	48	48	48
Tech health	% of technology applications that have sustainability and disaster recovery plans created.	2019	0	TBD	0	0	0
	% of technology applications with baseline Technology Health Assessment score below 70% with communication and implementation pla..	2019	0	TBD	0	0	0
Carbon footprint	# of energy efficiency and renewable energy projects implemented (cumulative total)	2015	5	58			
	% of staff that have a flexplace arrangement in place (working at home at least one day a week)	2020	94	60	Metrics never implemented		
	% of staff that have a flextime arrangement in place	2019	N/A	TBD			
Community engagem..	# of divisions participating in Community Participation Principles work planning sessions.	2018	0	8	3	3	3
	# of divisions piloting the Community Partnership Principles that report implementing at least a third of established best practices from..	2018	0	3	3	3	3

Metric	Baseli..	Target 2021	April 24, 2021	May 29, 2021	June 26, 2021
# contact notifications conducted	2020	N/A	177.00	45.00	70.00
# case investigations completed	2020	N/A	1,061.00	220.00	126.00
% of respiratory illness outbreaks with laboratory testing pathogen cause identified		100	Metric never implemented		
% of symptomatic and asymptomatic COVID+ cases reported to public health (model estimate)		TBD	Metric never implemented		
% of contact notifications completed	2020	80	40.60%	40.18%	25.09%
% of assigned CDPHE/CCRC cases contacted within 24 hours..	2020	95	37.46%	27.98%	44.17%
% of cases interviewed by CDPHE/CCRC within 24 hours..	2020	80	37.29%	27.98%	44.17%
% of assigned CDPHE/CCRC contacts with contact notification completed within 48 hours..	2020	80	27.98%	26.79%	8.24%
Turn-around time from date sample collected to the date results are released to Call Center or Providers		3 days	1.68	1.69	1.23
Average # of COVID diagnostic tests per day (CDPHE and Commercial)	2020	10,000/day	27,919	23,654	14,890
% of outbreaks that public health receives case-level (linelist) data to inform outbreak response (linelist received within week of first report)	2020	100%	92.72%	91.20%	88.14%
% of outbreaks, within the six areas of focus, that are reported with <10 cases.	2020	95%	92.45%	94.58%	88.37%
School absenteeism	2020	N/A	Insufficient data		
Implement outbreak response playbook for each CDPHE-led outbreak	2020	N/A	100% for all outbreaks		
Increase number of outbreaks that are resolved with </= 25% of total population of facility (staff, residents attendees) with COVID-19	2020	85%	65.4%	65.6%	65.4%
# of cases in outbreaks involving vulnerable populations	2020	25% decrease	171	71	35

COVID-19 Annual metrics

Metric	Baseli..	Target 2021	April 24, 2021	May 29, 2021	June 26, 2021
R (effective reproductive number)		<1	1.21	0.63	1
Two week cumulative incidence per 100,000 - (data is a snapshot on the last day of the month)	2020	N/A	409.4	164.8	77.1
# of days in the month where the 7 day moving average number of new hospital admissions is below the target (no greater than 25% above Colorado's lowest 7 day average number of hospital admissions since the beginning of the epidemic) (data snapshot at end of Q2).	2020	<26		0	0	0
% of Colorado population receiving a diagnostic COVID test per month	2020	2%	8.38%	6.94%	4.93%
# of days in the month the 7 day moving average of % positive COVID tests is below the target of 5% positive tests (snapshot taken at the end of Q2)	2020	5%	1	18	30
Average monthly % of acute care hospital beds occupied	2020	<95%	76.9%	79.1%	78.6%

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Outcome Measures (annual)

Wildly Important G..	Metric	Baseline	Baseline Date	2017	2018	2019	2020
Reduce GHG emissions	% predicted 2030 reduction in CO2e for completed rulemaking and/or other achieved measures (economy-wide). Updated 2030 projection: 68.241 (51% reduction fro..	139.3 ..	2005			18	28
	% predicted 2030 reduction in CO2e for completed rulemaking and/or other achieved measures (for O&G and electricity). Updated 2030 projection: 15.1 (74.9% reduc..	60.236..	2005			23	36
	% predicted 2030 reduction in CO2e for completed rulemaking and/or other achieved measures (for transportation). Updated 2030 projection: 18 (40.4% reduction fro..	30.433..	2005			24	40
	Greenhouse gas (GHG) emissions (million metric tons of carbon dioxide equivalent (CO2e)) economy-wide	125.71..	2005			126	120
Reduce Ozone	Ozone level (parts per billion - ppb)	80	2019		83	78	81
	Tons of emissions per year of VOC and NOx from non-O&G sources (measured every 3 years)	234,061	2017	271,925		215,506	206,229
	Tons of emissions per year of VOC and NOx from the O&G sector (measured every 3 years)	138,854	2017	227,395		117,996	107,567
Adult obesity	% of adults 18 yrs and older who are obese	23.8	2019			24	24
	% of adults 18 yrs and older who are overweight	35.3	2019			35	35
	% of Colorado adults at a healthy weight	38.9	2019			39	38
Childhood obesity	# of Colorado children (under age 10) reached by obesity control interventions	80203	2019			80,203	71,263
	# of times a licensed Colorado child-care facility adopts CDPHE recommended nutrition and physical activity practices each year (as measured by quality points awar..	1524	2020				1,524
	% infants who were exclusively breastfeeding at 6 months..	22.4	2018	35	22	27	34
	% of children aged 1-10 years who consume 1 or more sugary drink per day (Child Health Survey)	N/A	N/A	Question removed from survey in 2020		8	
	% of children aged 2-4 years enrolled in WIC who are at a healthy weight (PedNSS)	73.9	2018	76	75	73	72
	% of Colorado births that occur at a Baby-Friendly designated facility	37	2019	28	43	37	36
	% of infants breastfed at discharge from a Colorado hospital.	92	2019	91	91	92	92
	% of infants who were ever breastfed..	90.9	2018	92	91	90	92
	% of middle and high schools students who consume 1 or more soda per day (Healthy Kids Colorado Survey)	15.8	2017	Survey on odd number years		14	
	Sum of the average daily attendance of children in Colorado who attend CACFP enrolled child care facilities.	43156	March 2020			43,156	
Suicide prevention	# Colorado clinicians trained in Collaborative Assessment and Management of Suicidality (CAMS) each year (annual numbers trained)	407	2019			407	385
	# of suicide-related behavior events per year that are seen in emergency departments. *data available 4/1/2020	9069	2018	8,693	9,069	8,325	8,331
	% of clients receiving follow up services who self-report re-attempts or revisits to the emergency department	3	2018		3	1	0
	% of high school students who report having an adult to go to for help..	73.5	2017	74	Survey on odd number years	72	74
	% of middle school students who report having an adult to go to for help..	73.4	2017	73		72	
Immunizations (Child MMR)	# of providers that receive two public health detailing (targeted provider coaching) visits	0	2018	0	12	0	0
	# of web page views for school/childcare data	16051	2018		0	19,464	10,171
	% of kindergarteners vaccinated for MMR (%)	86.9	2014- 2016	87	89	87	91
	% of kindergartners receiving 1+ vaccines after receiving a reminder/recall notice	0	2018		33		27
	% of kindergartners with incomplete vaccination included in reminder/recall	0	2018		0		100
	% of parents who identify as vaccine-hesitant and do not intend to vaccinate their child per internet panel survey	33	2018		0	Survey never implemented	
	% of students whose de-identified information is submitted electronically to CDPHE	46	2019		0	46	54
Immunizations (Seniors Flu)	# of web page views for flu clinic locator map	0	2019				9,048
	% of adult immunization providers that receive influenza report cards	0	2019				100
	% of adults 65 years and older receiving influenza vaccine after receiving a reminder/recall notice	0	2019				39
	% of adults 65 years and older with missing influenza vaccination included in reminder/recall	0	2019				100
	% of adults 65 years and older vaccinated for influenza	70.4	2019	62	70	76	76
Eliminate HIV	# of newly reported HIV diagnoses in Colorado*	470	2019	434	414	470	311
	# of perinatal transmissions*	2	2019				0
	# of eligible clients who received a prescription for PrEP*	19	2019	32	22	21	30
	% of HIV funded test events occurring in a targeted setting*	45	2019	21	38	42	98
	% of people living with HIV who reported at least one care visit in the past year	81	2019				77
	% of PLHIV who are virally suppressed*	72	2019				68
	% of pregnant PLHIV who are virally suppressed during their pregnancy	77	2019				89
PFAS	% of community drinking water systems that sample and meet the PFAS health advisory level	100	2020			100	100
Carbon footprint	% of CDPHE electricity use that comes from renewable energy sources	0	2015				
	CDPHE's Scope 1 & 2 Greenhouse Gas (GHG) emissions (metric tons)	6561	2015		Carbon footprint data unavailable until 2022		
	Overall average miles per gallon (mi/gal) for CDPHE's fleet vehicles	26.6	2015				
	Total # of Electric Vehicles (EV), Plug-in Hybrid Electric Vehicles (PHEV) and Hybrid vehicles in CDPHE fleet	79	2019				97
Community engagement	% of Community Participation Principles strategic planning guidance tool created	0	2018		0	100	100
	% of Divisions using the Community Participation Principles	0	2020		0	0	27
Tech health	% of technology applications with a Data Interoperability score on the Technology Health Assessment of 70% or higher	45	2019				43
	% of technology applications with baseline Technology Health Assessment score of 70% or greater	26	2019				36

				2017	2018	2019	2020