

Prescription Drug Data Inventory

This inventory focuses on data sources that can describe the unintended adverse consequences of the prescription drugs, that is, prescription drug abuse, misuse, and overdose in Colorado. It also limits the sources to the ones that are routinely available in order to monitor trends. This inventory does not include an assessment of the quality of the data in these sources and should not be viewed as an endorsement of these data sources. For additional details, visit the website for the data source. This inventory is a working document, so contact the consortium if you have updated information about any of these data sources or new data sources. 9/25/14

Topic and Data Indicator	Name of Data Set	Primary Source	Corporate Email or Agency URL	Population Included (Coverage)	Years Available, Frequency	Results publicly available
Health Outcomes: Includes indirect measures of addiction and dependence in the population, such as services or health care utilization (ED visits, hospitalizations, treatment admissions) and direct measure of deaths						
Medical events related to prescription opioid and stimulant abuse	RADARS System – Intentional abuse reports	Rocky Mountain Poison and Drug Center – RADARS System	www.radars.org www.rmpdc.org	Colorado and US	2010 – present, quarterly	Dedicated report will be posted on the RADARS System website in the future.
Drug-related ED visits	Emergency department visits	Colorado Hospital Association (CHA)	www.cha.com CDPHE, Health Statistics Section (analyzed results) http://www.chd.dphe.state.co.us/default.aspx	Administrative claims data for treatment in emergency departments affiliated with Colorado hospitals.	Statewide and county-level data from 2011-2013. Final data available 4-5 months after close of previous calendar year	
Hospital discharges for prescription opioids, depressants and stimulants	Hospital discharge dataset	Colorado Hospital Association (CHA)	www.cha.com CDPHE, Health Statistics Section http://www.chd.dphe.state.co.us/default.aspx	Administrative claims data of inpatient admissions at non-federal hospitals in Colorado that are members of the Colorado Hospital Association.	Statewide and county-level data from 2000-2013. Final data available 4-5 months after close of previous calendar year.	
Treatment admissions for prescription opioids, depressants and stimulants.	Office of Behavioral Health	Drug/Alcohol Coordinated Data System (DACODS)	http://www.colorado.gov/cs/Satellite/CDHS-BehavioralHealth/CBO/1251644797631		Data are currently available from CY 2000 through the first half of 2014 with updated data available every six months.	
Drug related deaths for prescription opioids, depressants and stimulants Unintended harms: heroin deaths	Death certificate dataset	Colorado Department of Public Health and Environment (CDPHE)	CDPHE, Health Statistics Section (analyzed results) http://www.chd.dphe.state.co.us/default.aspx	Deaths that occur in Colorado and deaths to Colorado residents. Can select deaths where the underlying cause of death is drug poisoning and specific drugs as a contributing cause using the ICD-10 codes.	Statewide, county, and city-level from 2000-2013. Final data available about 6 months after close of previous calendar year.	
Drug related deaths for prescription opioids, depressants, and stimulants in Denver	Death data from Denver Office of the Medical Examiner	Denver Office of Drug Strategy	https://denverdrugstrategy-public.sharepoint.com/	Drug related deaths are broken out by selected demographics, manner of death, and specific drug, or drug combinations.	Data are available for the City and County of Denver from 2003 through 2013.	Look for the future data dashboard at the website.
Non-medical use and abuse (self reported behavior)						
Non-medical use of pain relievers in the past year	National Survey on Drug Use and Health (NSDUH)	Substance Abuse and Mental Health Services Administration (SAMHSA)	https://nsduhweb.rti.org/	U.S. (for 2013), state (for 2011-2012) and sub-state areas (for 2010-2012 including 5 regions in Colorado are the latest data available. (The Denver metro area is Regions 2 and 7 combined.) Data are available for ages 12 and over, 12-17, 18-25 and 26 and over.	National results date back to 1997. State results for 2000 are the oldest data available. http://www.samhsa.gov/data/NSDUH.aspx	See results in reports available at the SAMHSA website.
Lifetime non-medical use of a prescription drug among youth Have you taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during your life?	Healthy Kids Colorado Survey (HKCS) and Youth Risk Behavioral Survey (YRBS)	Colorado Department of Public Health and Environment (CDPHE) OMNI Denver Public Schools	HKCS http://www.chd.dphe.state.co.us/topics.aspx?q=Adolescent_Health_Data YRBS http://www.cdc.gov/healthyyouth/yrbs/	Colorado HKCS and US YRBS sample the 9-12 th grades. Colorado results for middle school are available for 2013. Denver HKCS samples the 6 th through 12 th grades. Results specific to age groups, gender, and race/ethnicity available	The Colorado HKCS and US YRBS are conducted every two years with 2013 the most recent data. This indicator for Colorado high school students in 2013 is in Table 97 of the high school report and for Colorado middle school students in Table 47 of a separate report.	Previous reports: HKCS report for Denver 2011/12 is at: http://healthyschools.dpsk12.org/wp-content/uploads/2012/07/Denver-Public-Schools-Aggregate-HKCS-Report_FINAL.pdf Additional state reports: https://omniportal-public.sharepoint.com/Pages/HKCS/Reports-FactSheets.aspx
Therapeutic						
Prescriptions dispensed	Prescription Drug Monitoring Program (PDMP)	Colorado Department of Regulatory Agencies (DORA)	Colorado DORA, Board of Pharmacy	Schedules II-V controlled medications dispensed since July 1, 2007	Data are available from the 3 rd quarter of 2007 through 8/31/14.	Information on the Colorado PDMP at: http://www.hidinc.com/copdmp Regular reports on utilization

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						of PDMP by prescribers and pharmacists are at: http://www.hidinc.com/copdmp/frequently-asked-questions.html
Societal outcomes: includes indirect measures of cost to society. Note that a gap in this inventory is measurement of the beneficial outcomes.						
Crime lab samples analyzed for prescription opioids, depressants, and stimulants	National Forensic Lab Information System (NFLIS) Denver Crime Lab		NFLIS-data available through Colorado Department of Human Services, Office of Behavioral Health	NFLIS data for Denver area (Arapahoe, Denver and Jefferson Counties) all of Colorado and US. The Denver Crime Lab (DCL) data is for the City/County of Denver only. Drug samples analyzed by number and percent	NFLIS data for Denver area, Colorado and US is available for CY 2011 (earlier time periods available but trend analysis is discouraged for NFLIS data). The DCL data is available for 2001 through the first half of 2012. for specific breakouts by drug—e.g., oxycodone, hydrocodone), depressants (specific breakouts by drug e.g., alprazolam, diazepam), and stimulants (breakouts by drug methamphetamine vs. amphetamine.	https://www.nflis.deadiversion.usdoj.gov/Reports.aspx http://www.denvergov.org/police/PoliceDepartment/CriminalInformation/MajorCrimesInvestigations/tabid/442519/Default.aspx
Incident-based reporting system for crimes known to the police	National Incident-Based Reporting System (NIBRS)	FBI	http://www.icpsr.umich.edu/icpsrweb/NACJD/NIBRS/	All arrest data for agencies that report to NIBRS		
Community Corrections	Community Corrections Intake	Division of Criminal Justice (DCJ), Office of Research and Statistics (ORS) and the Office of Community Corrections (OCC)	http://www.colorado.gov/ccjdir/ORS2/about.htm	All community corrections inmates	Online reports available back to 2000.	http://www.colorado.gov/ccjdir/ORS2/pdf/docs/2013_CO_MCOR_Report.pdf http://www.colorado.gov/cs/Satellite/CDPS-CCJJ/CBON/1251622400685
Arrestee Drug Use (Denver)	Arrestee Drug Abuse Monitoring (ADAM) program	Office of National Drug Control Policy (ONDCP)	http://www.whitehouse.gov/ondcp/arrestee-drug-abuse-monitoring-program and	Ten national sites, including Denver, are part of the sample.	The 2013 report represents data collected from 2007-2013. http://www.whitehouse.gov/sites/default/files/ondcp/policy-and-research/adam_ii_2013_annual_report.pdf	Annual reports and fact sheets are available.
Other						
Disposal sites in Colorado for controlled substances		Colorado Department of Public Health and Environment (CDPHE)	CDPHE, Local law enforcement	Select locations Permanent disposal sites at law enforcement agencies at: https://www.colorado.gov/pacific/cdphe/rxdrug or https://www.colorado.gov/pacific/sites/default/files/PW_ISVP_Controlled-Substance-Drop-Box-Locations_8-5-14.pdf		Temporary sites in Colorado for DEA Take Back Days (in April and Sep/October): http://www.deadiversion.usdoj.gov/drug_disposal/takeback/ If the medication is not a controlled substance, see information on safe disposal of household medications at: https://www.colorado.gov/pacific/cdphe/colorado-medication-take-back-program
Population Estimates	Colorado State, County, Municipal, and Special District Population and Housing Estimates	Colorado Department of Local Affairs, State Demography Office	Colorado State Demography Office http://www.colorado.gov/cs/Satellite/DOLA-Main/CBON/1251590805419 CDPHE http://www.chd.dphe.state.co.us/cohid/Default.aspx		Statewide, county, city, and special district-level data available from 2000 through present. Final data available 7-8 months after close of previous calendar year.	See websites. More detailed data available from the demography office. Note: Population estimates are used to calculate rates.