Definitions for Data in 2017 County Trend Analysis

Contents

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Appropriate weight gain during pregnancy

Recommendations for weight gain during pregnancy are according to the Institute of Medicine's (IOM) 2009 recommendations for weight gain during pregnancy. To meet the recommendations, women need to gain within the weight gain ranges for their body mass index (BMI) category. A woman with an underweight BMI (< 18.5) should gain 28-40 pounds. A woman with a normal BMI (18.5-24.9) should gain 25-35 pounds. A woman with an overweight BMI (25.0-29.9) should gain 15-25 pounds. A woman with an obese BMI (>=30.0) should gain 11-20 pounds. Appropriate weight gain is defined as a gain of the recommended number of pounds.

The measure is the percent of live births to women who gained an appropriate amount of weight during pregnancy. The numerator is the number of live births to women who gained an appropriate amount of weight. The denominator is the total number of live births. The result is multiplied by 100 to yield the percent. Births where prepregnancy BMI or weight gain are unknown have been excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is developmental and has no target. The Colorado 2020 target is 38.0 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Cesarean delivery among low-risk first births
(National Performance Measure 2)

The measure is the percent of infants delivered by cesarean section to a specific low-risk group of nulliparous women. The numerator is the number of live, term (37 weeks or more gestation), singleton, vertex births delivered by cesarean section among nulliparous women. The denominator is the total number of live, term, singleton, vertex births among nulliparous women. The result is multiplied by 100 to yield the percent. Births where the delivery method, gestational age, plurality, presentation, and/or parity are unknown have been excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Colorado 2020 target is 18.5 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

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Child development questionnaire
(National Performance Measure 6)

The measure is the percent of children whose parents reported that they were asked by a health care provider to fill out a questionnaire about development, communication, or social behavior of their child ages 1 through 5 years. Numerator and denominator data are not available. The Colorado 2020 target is 52.0 percent.

County level data are provided for counties with large populations. Appropriate Health Statistics Regions data (see map for list of counties by region) are shown for other counties.

Source
Colorado Child Health Survey, Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment

Child physical activity
(National Performance Measure 8)

The measure is the percent of children ages 6 through 11 years who were physically active at least 60 minutes per day in the past week. Numerator and denominator data are not available. The Colorado 2020 target is 37.0 percent.

County level data are provided for counties with large populations. Appropriate Health Statistics Regions data (see map for list of counties by region) are shown for other counties.

Source
Colorado Child Health Survey, Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment

Ever breastfed
(National Performance Measure 4 A)

The measure is the percent of mothers who breastfed their newborns. Numerator and denominator data are not available. The Colorado 2020 target is 84.5 percent. *Note: 2015 PRAMS data were not available at the time the 2017 county trend analyses were created.*

County level data are provided for counties with large populations. Appropriate Health Statistics Regions data (see map for list of counties by region) are shown for other counties.

Source
Pregnancy Risk Assessment Monitoring System, Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment

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Infant mortality

The measure is the infant mortality rate per 1,000 live births. The numerator is the number of infant (under one year of age) deaths. The denominator is the total number of live births. The result is multiplied by 1,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 6.0 infant deaths per 1,000 live births.

Source
Death Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Infants placed to sleep on their backs

The measure is the percent of mothers who placed their infants on their backs to sleep. The Healthy People 2020 target is 75.8 percent. *Note: 2015 PRAMS data were not available at the time the 2017 county trend analyses were created.*

County level data are provided for counties with large populations. Appropriate Health Statistics Regions data (see map for list of counties by region) are shown for other counties.

Source
Pregnancy Risk Assessment Monitoring System, Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment

Injury hospitalizations 10-19
(National Performance Measure 7)

The measure is the rate of hospitalization for injuries per 100,000 youth ages 10-19 years. The numerator is the number of hospitalizations for injuries of youth ages 10-19 years. The denominator is the estimated population of youth ages 10-19 years. The result is multiplied by 100,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Colorado 2020 target is 226.9 per 100,000 youth ages 10-19 years.

Source
Hospital Discharge Dataset, Colorado Hospital Association, analyzed by the Colorado Department of Public Health and Environment

Low birth weight

The measure is the low birth weight rate. The numerator is the number of low birth weight (under 2500 grams or 5 pounds, 8 ounces or less) live births. The denominator is the total number of live births. The result is multiplied by 100 to yield the rate (percent). Births with unknown weights are excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 7.8 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Medical home

The measure is the percent of children ages 1-14 years who receive coordinated, ongoing comprehensive care within a medical home. Numerator and denominator data are not available. The Healthy People 2020 target is 63.3 percent.

County level data are provided for counties with large populations. Appropriate Health Statistics Regions data (see map for list of counties by region) are shown for other counties.

Source
Colorado Child Health Survey, Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment

Motor vehicle deaths 0-14

The measure is the rate of deaths per 100,000 children ages 0 through 14 caused by motor vehicle crashes. The numerator is the number of deaths among children ages 0 through 14. The denominator is the estimated population of children ages 0 through 14. The result is multiplied by 100,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target of 12.4 per 100,000 is for all ages, not specifically for 0 through 14.

Source
Death Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Neonatal mortality

The measure is the neonatal mortality rate per 1,000 live births. The numerator is the number of neonatal deaths (deaths occurring in the first 28 days of life). The denominator is the total number of live births. The result is multiplied by 1,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 4.1 neonatal deaths per 1,000 live births.

Source
Death Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

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Overweight or obese before pregnancy

The measure is the percent of live births to mothers who were overweight or obese based on body mass index (BMI) before pregnancy. The numerator is the number of live births where the mother was overweight or obese based on BMI (BMI 25.0-29.9 is overweight; BMI >=30 is obese) before pregnancy. The denominator is the total number of live births. The result is multiplied by 100 to yield the percent. Births where prepregnancy BMI are unknown have been excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Colorado 2020 target is 38.0 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Overweight or obese children

The measure is the percent of children ages 5-14 years whose BMI (body mass index) is categorized as overweight (85%-94% of normal weight for height) or obese (95% or higher of normal weight for height). Numerator and denominator data are not available. Healthy People 2020 targets are set for obese children, not overweight and obese, so the Colorado 2020 target of 25.0 percent for overweight and obese is used.

County level data are provided for counties with large populations. Appropriate Health Statistics Regions data (see map for list of counties by region) are shown for other counties.

Source
Colorado Child Health Survey, Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment

Perinatal mortality

The measure is the perinatal mortality rate per 1,000 live births plus fetal deaths. The numerator is the number of perinatal deaths (fetal deaths occurring at 28 weeks of gestation or later and infant deaths occurring under 7 days of age). The denominator is the total number of live births plus all fetal deaths. The result is multiplied by 1,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 5.9 perinatal deaths per 1,000 live births and fetal deaths.

Source
Death Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Postneonatal mortality

The measure is the postneonatal mortality rate per 1,000 live births. The numerator is the number of postneonatal deaths (deaths occurring after 28 days of life but before one year of age). The denominator is the total number of live births. The result is multiplied by 1,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 2.0 postneonatal deaths per 1,000 live births.

Source
Death Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Pregnancy depression
(State Performance Measure 1)

The measure is the percent of mothers who report that a doctor, nurse, or other health care worker talked with them during a prenatal care visit about what to do if she felt depressed during pregnancy or after delivery. Numerator and denominator data are not available. The Colorado 2020 target is 85.8 percent. *Note: 2015 PRAMS data were not available at the time the 2017 county trend analyses were created.*

County level data are provided for counties with large populations. Appropriate Health Statistics Regions data (see map for list of counties by region) are shown for other counties.

Source
Pregnancy Risk Assessment Monitoring System, Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment

Preterm births

The measure is the preterm birth rate. The numerator is the number of preterm births (births less than 37 weeks). The denominator is the total number of live births. The result is multiplied by 100 to yield the rate (percent). Births with unknown gestational age are excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Colorado 2020 target is 8.0 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Smoking during pregnancy
(National Performance Measure 14 A)

The measure is the percent of live births to women who smoked at any time during pregnancy. The numerator is the number of live births to women who smoked at any time during pregnancy. The denominator is the total number of live births. The result is multiplied by 100 to yield the percent. Births where the smoking status is unknown have been excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Colorado 2020 target is 6.1 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Smoking during the three months before pregnancy

The measure is the percent of live births to women who smoked during the three months before pregnancy. The numerator is the number of live births where the mother smoked during the three months before pregnancy. The denominator is the total number of live births. The result is multiplied by 100 to yield the percent. Births where the smoking status is unknown have been excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 12.2 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Teen births 15-17

The measure is the rate of births per 1,000 teens ages 15-17 years. The numerator is the total number of births to females ages 15-17 years. The denominator is the estimated population of females ages 15-17 years. The result is multiplied by 1,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Colorado 2020 target is 10.0 births per 1,000 teens.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Teen bullying
(National Performance Measure 9)

The measure is the percent of high school students who reported being bullied on school property or electronically during the past year. Numerator and denominator data are not available. The Colorado 2020 target is 22.0 percent.

Data are available at the Health Statistics Regions level (see map for list of counties by region).

Source
Healthy Kids Colorado Survey, Colorado Departments of Public Health and Environment, Human Services, and Education

Teen motor vehicle deaths 15-19

The measure is the rate of deaths per 100,000 teens ages 15-19 years caused by motor vehicle crashes. The numerator is the total number of motor vehicle related deaths to teens ages 15-19 years. The denominator is the estimated population of teens ages 15-19 years. The result is multiplied by 100,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target of 12.4 per 100,000 is for all ages, not specifically for 15 through 19.

Source
Death Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Teen suicide deaths 15-19

The measure is the rate of suicide deaths per 100,000 teens ages 15-19 years. The numerator is the total number of suicide deaths to teens ages 15-19 years. The denominator is the estimated population of teens ages 15-19 years. The result is multiplied by 100,000 to yield the rate.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target of 10.2 per 100,000 is for all ages, not specifically for 15 through 19.

Source
Death Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Very low birth weight

The measure is the very low birth weight rate. The numerator is the number of very low birth weight (births weighing less than 1500 grams or 3 pounds, 4 ounces or less). The denominator is the total number of live births. The result is multiplied by 100 to yield the rate (percent). Births with unknown birth weights are excluded.

DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 1.4 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment

Very low birth weight births born in Level III hospitals

The measure is the percent of very low birth weight infants delivered at facilities considered to be appropriate for high-risk deliveries and neonates (Level IIIs). Data are calculated by the county of residence of the mother (not the county where the birth occurred). The numerator is the number of very low birth weight infants (births weighing less than 1500 grams or 3 pounds, 4 ounces or less) delivered at a Level III hospital. The denominator is the total number of very low birth weight infants. The result is multiplied by 100 to yield the percent.

Level III hospitals are those identified by the Colorado Perinatal Care Council (see list at http://www.cpcqc.org/qualityinitiatives/locate.html). N/A (Not Applicable) is shown for counties that had no very low birth weight births and thus had no very low birth weight deliveries at a Level III facility. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The Healthy People 2020 target is 83.7 percent.

Source
Birth Certificates, Vital Statistics Program, Colorado Department of Public Health and Environment
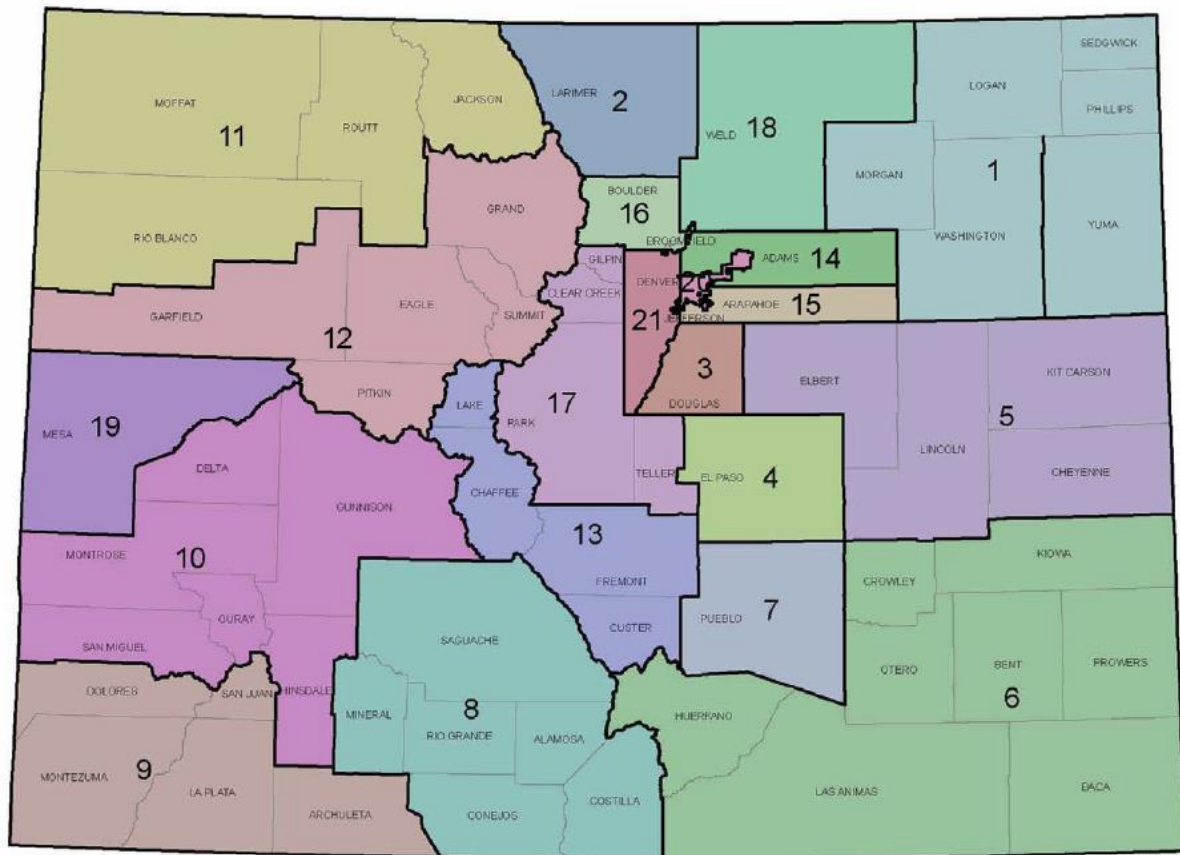
Prepared by Health Surveys and Evaluation Branch, Colorado Department of Public Health and Environment
3/27/2017

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Map of Colorado Health Statistics Regions

Adams (14)	Conejos (8)	Fremont (13)	Lake (13)	Morgan (1)	Saguache (8)
Alamosa (8)	Costilla (8)	Garfield (12)	La Plata (9)	Otero (6)	San Juan (9)
Arapahoe (15)	Crowley (6)	Gilpin (17)	Larimer (2)	Ouray (10)	San Miguel (10)
Archuleta (9)	Custer (13)	Grand (12)	Las Animas (6)	Park (17)	Sedgwick (1)
Baca (6)	Delta (10)	Gunnison (10)	Lincoln (5)	Phillips (1)	Summit (12)
Bent (6)	Denver (20)	Hinsdale (10)	Logan (1)	Pitkin (12)	Teller (17)
Boulder (16)	Dolores (9)	Huerfano (6)	Mesa (19)	Prowers (6)	Washington (1)
Broomfield (16)	Douglas (3)	Jackson (11)	Mineral (8)	Pueblo (7)	Weld (18)
Chaffee (13)	Eagle (12)	Jefferson (21)	Moffat (11)	Rio Blanco (11)	Yuma (1)
Cheyenne (5)	Elbert (5)	Kiowa (6)	Montezuma (9)	Rio Grande (8)	
Clear Creek (17)	El Paso (4)	Kit Carson (5)	Montrose (10)	Routt (11)	

Colorado Health Statistics Regions

*July 2008