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Adolescent Health Profile
Teen fertility 15-17
(National Performance Measure 8)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
214	16,395	13.1	21.2	36.2

The measure is the rate of births per 1,000 teens ages 15 through 17 for 2007-2009. The numerator is the total number of births to teens in 2007, 2008, and 2009. The denominator is the sum of the estimated population of females ages 15 through 17 for 2007, 2008, and 2009. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the three years. Data are calculated by the county of residence of the teen. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The HP 2020 goal refers to pregnancies, not births. The Colorado 2010 goal is 21 births per 1,000 teens, and no Colorado 2020 goal has been determined.

Source: Numerator: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Adolescent Health Profile
Births to Latina teens 15-17

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
105	214	49.1	64.1	N/A

The measure is the percent of births to Latina teens ages 15 through 17 for 2007-2009. The numerator is the total number of births to Latina teens ages 15 though 17 in 2007, 2008, and 2009. The denominator is the total number of births to all teens ages 15 through 17 in 2007, 2008, and 2009. The result is multiplied by 100 to yield the percent. The percent shown can be viewed as the average percent for each of the three years. Data are calculated by the county of residence of the teen. There is no HP 2020 goal or Colorado 2020 goal for this measure.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

Adolescent Health Profile
Teen homicide 15-19

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
DS	116,561	DS	4.6	5.5

The measure is the rate of homicides per 100,000 teens ages 15 through 19 for 2005-2009. The numerator is the sum of all homicides among teens ages 15 through 19 in 2005, 2006, 2007, 2008, and 2009. The denominator is the sum of the estimated population ages 15 through 19 for 2005, 2006, 2007, 2008, and 2009. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the teen. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The HP 2020 goal is for all ages, not specifically for 15 through 19.

Source: Numerator: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

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Adolescent Health Profile
Teen injury hospitalizations 15-19

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
599	116,561	513.9	467.2	555.8

The measure is the rate of hospitalization for injuries per 100,000 teens ages 15 through 19 for the period 2005-2009. The numerator is the sum of all hospitalizations for injuries of teens ages 15 through 19 in 2005, 2006, 2007, 2008, and 2009. The denominator is the sum of the estimated population of teens ages 15 through 19 in 2005, 2006, 2007, 2008, and 2009. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Rates can be affected by small numbers, and caution should be used with these data. Data are calculated by the county of residence of the teen. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. Data are available by cause of injury at the county level upon request. The Colorado 2010 goal is 450.0, and no Colorado 2020 goal has been determined. The HP 2020 goal is for all ages, not specifically for 15 through 19.

Source: Numerator: Hospital Discharge Dataset, Colorado Hospital Association.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Adolescent Health Profile
Teen motor vehicle deaths 15-19
(State Performance Measure 9)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
4	70,009	5.7	14.6	12.4

The measure is the rate of deaths per 100,000 teens ages 15 through 19 caused by motor vehicle crashes for 2007-2009. The numerator is the total number of motor vehicle related deaths to teens ages 15 through 19 in 2007, 2008, and 2009. The denominator is the sum of the estimated population of teens ages 15 though 19 for 2007, 2008, and 2009. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the three years. Data are calculated by the county of residence of the teen. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The HP 2020 goal is for all ages, not specifically for 15 through 19.

Source: Numerator: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Adolescent Health Profile
Teen suicide 15-19
(National Performance Measure 16)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
14	116,561	12.0	12.2	10.2

The measure is the rate of suicide deaths per 100,000 teens ages 15 through 19 for 2005-2009. The numerator is the total number of deaths to teens ages 15 through 19 in 2005, 2006, 2007, 2008, and 2009. The denominator is the sum of the estimated population of teens ages 15 through 19 for 2005, 2006, 2007, 2008, and 2009. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the teen. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The HP 2020 goal is for all ages, not specifically for 15 through 19.

Source: Numerator: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

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Child Health Profile
Child abuse

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
597	63,939	9.3	8.7	8.5

The measure is the rate of maltreatment (including physical abuse, sexual abuse, emotional abuse, and/or neglect) of children younger than 18 in calendar year 2008. The value shown reflects the number of abused children (by substantiated report) per 1,000 children less than 18 years of age in a county.

Source: Numerator: Colorado Central Registry, Colorado Department of Human Services.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Child Health Profile
Child care centers using child care health consultants

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
49	56	87.5	96.7	N/A

The measure is the percent of child care centers (excluding preschools) that reported using a child health care consultant in the spring of 2010. Colorado Child Care Licensing requires centers to receive on-site consultation on health and safety issues from a designated nurse or physician at least one time per month.

The numerator is the number of centers responding to a survey that reported use of a consultant. The denominator is the total number of centers responding to the survey. The result is multiplied by 100 to yield a percent. While there is no HP 2020 goal for this measure, the Colorado 2010 goal is 98.0 percent, and no Colorado 2020 goal has been determined.

Surveys were filled out in the spring of 2010 by 100 percent of all centers in 58 counties and by at least 90 percent of all centers in Eagle, Garfield, and Larimer counties. Cheyenne, Mineral, and Phillips counties did not have any licensed child care centers at the time of survey (N/A).

Source: Qualistar Early Learning, Spring 2010 Survey.

Child Health Profile
Child deaths 1-14
(National Outcome Measure 6)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
44	243,092	18.1	17.7	N/A

The measure is the rate of child deaths per 100,000 children ages 1 through 14 for 2005-2009. The numerator is the sum of all deaths among children ages 1 through 14 in 2005, 2006, 2007, 2008, and 2009. The denominator is the sum of the estimated population of children ages 1 through 14 for 2005, 2006, 2007, 2008, and 2009. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the child. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. Data are available by cause of death at the county level upon request. While there is no HP 2020 goal for the measure, the Colorado 2010 goal is 15.0, and no Colorado 2020 goal has been determined.

Source: Numerator: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

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Child Health Profile
Motor vehicle deaths 0-14
(National Performance Measure 10)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
5	158,276	3.2	2.6	12.4

The measure is the rate of deaths per 100,000 children ages 0 through 14 caused by motor vehicle crashes for 2007-2009. The numerator is the sum of all deaths among children ages 0 through 14 in 2007, 2008, and 2009. The denominator is the sum of the estimated population of children ages 0 through 14 for 2007, 2008, and 2009. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the three years. Data are calculated by the county of residence of the child. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. The HP 2020 goal is for all ages, not specifically for 0 through 14.

Source: Numerator: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Child Health Profile
Child Health Plan Plus (CHP+) enrollees

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
5,347	69,671	7.7	8.2	N/A

The measure is the estimated percent of children ages 0 through 18 who were enrolled in the Child Health Plan Plus (CHP+) program at some time between July 2009 and June 2010. Children qualified for the program when their family income was at or below 205 percent of the federal poverty guideline before April 30, 2010, and at or below 250 percent on May 1, 2010 and after. Upon enrollment, coverage lasts for 12 months.

The numerator is the number of children in the county enrolled in CHP+. The denominator is the estimated total number of children ages 0 through 18 in the county in 2010. Data are calculated by the county of residence of the child. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value less than 30. There is no HP 2020 or Colorado 2020 goal for this measure. Additional information on CHP+ enrollees and children eligible but not enrolled in CHP+ is available on the Colorado Health Institute web site, http://www.coloradohealthinstitute.org/~/media/Documents/sn/EBNEchildren.ashx.

Source: Numerator: Colorado Department of Health Care Policy and Financing.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Child Health Profile
Health insurance coverage
(National Performance Measure 13)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	90.5	91.5	100

The measure is the estimated percent of children ages 1 through 14 who had any kind of health care coverage, including health insurance, prepaid plans, or government plans. The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 1 through 14 in Colorado in 2008-2009. Data are calculated by the county of residence of the child. Numerators and denominators are not available (N/A). The HP 2020 goal is for all ages, not specifically for 1 through 14.

County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Mesa, Pueblo, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for Alamosa, Archuleta, Broomfield, Chaffee, Cheyenne, Conejos, Costilla, Custer, Delta, Dolores, Eagle, Elbert, Fremont, Garfield, Grand, Gunnison, Jackson, Kit Carson, Lake, La Plata, Lincoln, Logan, Moffat, Montezuma, Montrose, Morgan, Ouray, Phillips, Pitkin, Rio Blanco, Rio Grande, Routt, Saguache, San Miguel, Sedgwick, Summit, Washington, and Yuma Counties. No data are available for other counties or their Health Statistics Regions.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

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Child Health Profile
No gap in health insurance coverage

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	96.5	92.9	N/A

The measure is the estimated percent of children ages 1 through 14 who did not have a gap in their insurance coverage in the 12 months before the Colorado Child Health Survey. The data shown combine two years of results from the survey and are specific to children ages 1 through 14 in Colorado in 2008-2009. Data are calculated by the county of residence of the child. Numerators and denominators are not available (N/A). There is no HP 2020 goal or Colorado 2020 goal for this measure.

County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Mesa, Pueblo, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for Alamosa, Broomfield, Chaffee, Cheyenne, Conejos, Costilla, Custer, Delta, Eagle, Elbert, Fremont, Garfield, Grand, Gunnison, Jackson, Kit Carson, Lake, Lincoln, Logan, Moffat, Montrose, Morgan, Ouray, Phillips, Pitkin, Rio Blanco, Rio Grande, Routt, Saguache, San Miguel, Sedgwick, Summit, Washington, and Yuma Counties. No data are available for other counties or their Health Statistics Regions.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

Child Health Profile
Medicaid enrollees

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
17,296	69,671	24.8	29.9	N/A

The measure is the estimated percent of children ages 0 through 18 who were enrolled in Medicaid in state FY 2010 (July 2009-June 2010). Children up to age 6 who were in families with incomes below 133 percent of the federal poverty level and children ages 6 through 18 who were in families with incomes below 100 percent of the federal poverty level were eligible for coverage. Children were enrolled for 1 to 12 months.

The numerator is the number of children enrolled in Medicaid in the county. The denominator is the total estimated number of children ages 0 through 18 in the county in 2010. Data are calculated by the county of residence of the child. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value less than 30. There is no HP 2020 or Colorado 2020 goal for this measure. Additional information on Medicaid enrollees and children eligible but not enrolled in Medicaid is available on the Colorado Health Institute web site, http://www.coloradohealthinstitute.org/~/media/Documents/sn/EBNEchildren.ashx.

Source: Numerator: Colorado Department of Health Care Policy and Financing.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Child Health Profile
Personal doctor or nurse

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	94.1	92.7	N/A

The measure is the estimated percent of children ages 1 through 14 who have a personal doctor or nurse. The data shown are from the Colorado Child Health Survey and are specific to children ages 1 through 14 in Colorado in 2008-2009. Data are calculated by the county of residence of the child. Numerators and denominators are not available (N/A). There is no HP 2020 goal or Colorado 2020 goal for this measure.

County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Mesa, Pueblo and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for Alamosa, Archuleta, Broomfield, Chaffee, Cheyenne, Conejos, Costilla, Custer, Delta, Dolores, Eagle, Elbert, Fremont, Garfield, Grand, Gunnison, Jackson, Kit Carson, Lake, La Plata, Lincoln, Logan, Moffat, Montezuma, Montrose, Morgan, Ouray, Phillips, Pitkin, Rio Blanco, Rio Grande, Routt, Saguache, San Miguel, Sedgwick, Summit, Washington, and Yuma Counties. No data are available for other counties or their Health Statistics Regions.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

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Child Health Profile
Schools with school-based health centers

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
1	N/A	1	42	N/A

The measure is the number of public schools in the county that had an on-site school-based health center in the fall of 2009. While there is no HP 2020 goal for this measure, the Colorado 2010 goal is 50 schools across the state, and no Colorado 2020 goal has been determined.

Some schools do not have centers but are visited by medical and dental vans. The vans visit schools in various districts in Adams, Arapahoe, and Denver counties. The vans, both from Rocky Mountain Youth Clinics, visit other suburban and rural locations across the state upon request. Additional information is available at http://rockymountainyouth.org/. In addition, Peak Vista Community Health Center has a Ronald McDonald Care Mobile that they take to schools in El Paso and Teller Counties. Additional information is available at http://www.peakvista.org/locations/ronald-mcdonald-care-mobile.

Source: Colorado School-Based Health Center Initiative, Colorado Department of Public Health and Environment.

Child Health Profile

Student access to school-based health care

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
147	42,955	0.3	3.6	N/A

The measure is the percent of children and adolescents attending public schools who had access to basic preventive and primary, physical and behavioral health services through on-site school-based health centers in the fall of 2009. The numerator is the number of students in the county who were enrolled in public schools with an on-site school-based health center. (The numerator reflects access to, but does not reflect actual utilization of, a school-based health center.) The denominator is the total number of students enrolled in public schools in the county. The result is multiplied by 100 to yield a percent. While there is no HP 2020 goal for this measure, the Colorado 2010 goal is 3.8 percent, and no Colorado 2020 goal has been determined.

Source: Numerator: Colorado School-Based Health Center Initiative, Colorado Department of Public Health and Environment.
Denominator: Colorado Department of Education.

Child Health Profile

Immunization providers linked to Colorado Immunization Information System

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
46	56	82.1	65.0	N/A

The measure is the percent of immunization providers in a county who were linked to the Colorado Immunization Information System as of December 2010. The numerator is the number of immunization providers in a county who were linked to the system. The denominator is the total number of providers in the county. Providers may be individual pediatricians, pediatric practices, other physician practices, local health agencies, or community health centers that serve children. While there is no HP 2020 goal for the measure, the Colorado 2010 goal is 100.0 percent, and no Colorado 2020 goal has been determined.

Source: Colorado Immunization Information System December 2010 Report.

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Child Health Profile
Injury hospitalizations 0-19

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
961	377,045	254.9	237.7	555.8

The measure is the rate of hospitalization for injuries per 100,000 children and adolescents ages 0 through 19 for 2005-2009. The numerator is the sum of all hospitalizations for injuries of children and adolescents ages 0 through 19 in 2005, 2006, 2007, 2008, and 2009. The denominator is the sum of the estimated population of children and adolescents ages 0 through 19 for the same years. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Rates can be affected by small numbers, and caution should be used with these data. Data are calculated by the county of residence of the child. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. Data are available by cause of injury at the county level upon request. The Colorado 2010 goal is 230.0, and no Colorado 2020 goal has been determined. The HP 2020 goal is for all ages, not specifically for 0 through 19.

Source: Numerator: Hospital Discharge Dataset, Colorado Hospital Association.
Denominator: State Demography Office, Colorado State Department of Local Affairs.

Child Health Profile
Injury hospitalizations 0-14

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
362	260,484	139.0	156.7	555.8

The measure is the rate of hospitalization for injuries per 100,000 children ages 0 through 14 for 2005-2009. The numerator is the sum of all hospitalizations for injuries of children ages 0 through 14 in 2005, 2006, 2007, 2008, and 2009. The denominator is the sum of the estimated population of children ages 0 through 14 for the same years. The result is multiplied by 100,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the child. Rates can be affected by small numbers, and caution should be used with these data. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. Data are available by cause of injury at the county level upon request. The Colorado 2010 goal is 150.0, and no Colorado 2020 goal has been determined. The HP 2020 goal is for all ages, not specifically for 0 through 14.

Source: Numerator: Hospital Discharge Dataset, Colorado Hospital Association.
Denominator: State Demography Office, Colorado Department of Local Affairs.

Child Health Profile
Overweight and obese

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	15.9	27.3	N/A

The measure is the percent of children ages 2 through 14 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). The data shown combine two years of results from the Colorado Child Health Survey and are specific to children ages 2 through 14 in 2008-2009. Data are calculated by the county of residence of the child. Numerators and denominators are not available (N/A). HP 2020 goals are set for obese children, not overweight and obese.

County level data are provided for Adams, Arapahoe, Boulder, Denver, Douglas, El Paso, Jefferson, Larimer, Mesa, Pueblo, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for Alamosa, Broomfield, Chaffee, Cheyenne, Conejos, Costilla, Custer, Delta, Eagle, Elbert, Fremont, Garfield, Grand, Gunnison, Jackson, Kit Carson, Lake, Lincoln, Logan, Moffat, Montrose, Morgan, Ouray, Phillips, Pitkin, Rio Blanco, Rio Grande, Routt, Saguache, San Miguel, Sedgwick, Summit, Washington, and Yuma Counties. No data are available for other counties or their Health Statistics Regions.

Source: Colorado Child Health Survey, Health Statistics Section, Colorado Department of Public Health and Environment.

Infant Health Profile
Infant mortality
(National Outcome Measure 1)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
87	17,452	5.0	6.1	6.0

The measure is the infant mortality rate per 1,000 live births for 2005-2009. The numerator is the sum of all infant (under one year of age) deaths in 2005, 2006, 2007, 2008, and 2009. The denominator is the total number of live births in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

Infant Health Profile
Black/White infant mortality
(National Outcome Measure 2)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	N/A	2.5	N/A

The measure is the ratio of the black infant mortality rate to the white infant mortality rate for 2005-2009. The numerator is the black infant mortality rate. The denominator is the white infant mortality rate. The black rate is then divided by the white rate to yield a ratio. The ratio is based on data for the five-year time period 2005-2009. A value greater than 1.0 indicates relatively more black infant deaths than white infant deaths. N/A (Not Applicable) is shown where no black infant deaths occurred among residents of the county. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2. While there is no HP 2020 goal for the measure, the Colorado 2010 goal is 2.0, and no Colorado 2020 goal has been determined.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

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Infant Health Profile
Neonatal mortality
(National Outcome Measure 3)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
67	17,452	3.8	4.4	4.1

The measure is the neonatal mortality rate per 1,000 live births for 2005-2009. The numerator is the sum of all neonatal deaths (deaths occurring in the first 28 days of life) in 2005, 2006, 2007, 2008, and 2009. The denominator is the total number of live births in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

Infant Health Profile
Newborn hearing screening
(National Performance Measure 12)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
3,371	3,490	96.6	97.3	90.2

The measure is the percent of newborns who were screened for hearing impairment before hospital discharge in 2009. The numerator is the number of infants that underwent newborn hearing screening among all infants born to Colorado residents who gave birth in Colorado. The denominator is the number of live births to Colorado residents who gave birth in Colorado (births to Colorado residents that occurred outside the state are not included in the denominator). Data are calculated by the county of residence of the mother. The Colorado 2010 goal is 98.0 percent, and no Colorado 2020 goal has been determined.

Source: Newborn Hearing Screening Program, Prevention Services Division, Colorado Department of Public Health and Environment.

Infant Health Profile
Low birth weight

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
805	10,464	7.7	8.9	7.8

The measure is the low birth weight rate for 2007-2009. The numerator is the sum of the low birth weight (under 2500 grams or 5 pounds, 8 ounces or less) live births in 2007, 2008, and 2009. The denominator is the sum of all live births in 2007, 2008, and 2009. The result is multiplied by 100 to yield the rate (percent). Births with unknown weights are excluded. The rate shown can be viewed as the average rate for each of the three years. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

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Infant Health Profile
Very low birth weight

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
94	10,464	0.9	1.3	1.4

The measure is the very low birth weight rate for 2007-2009. The numerator is the sum of very low birth weight (births weighing less than 1500 grams or 3 pounds, 4 ounces or less) live births in 2007, 2008, and 2009. The denominator is the sum of all live births in 2007, 2008, and 2009. The result is multiplied by 100 to yield the rate (percent). Births with unknown weights are excluded. The rate shown can be viewed as the average rate for each of the three years. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

Infant Health Profile
Very low birth weight births born in Level III hospitals
(National Performance Measure 17)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
156	175	89.1	87.6	82.5

The measure is the percent of very low birth weight infants delivered in 2005-2009 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). DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

The numerator is the sum of all very low birth weight infants (births weighing less than 1500 grams or 3 pounds, 4 ounces or less) delivered at a Level III hospital in 2005, 2006, 2007, 2008, and 2009. The denominator is the total number of very low birth weight infants in the same five years. The result is multiplied by 100 to yield the percent.

Level III hospitals are those identified by the Colorado Perinatal Care Council (see the list at http://www.coloradoperinatalcarecouncil.com/coloradohospitals/leveliiiaiiibiiic.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.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

Infant Health Profile
Postneonatal mortality
(National Outcome Measure 4)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
20	17,452	1.1	1.8	2.0

The measure is the postneonatal mortality rate per 1,000 live births for 2005-2009. The numerator is the sum of all postneonatal deaths (deaths occurring after 28 days of life but before one year of age) in 2005, 2006, 2007, 2008, and 2009. The denominator is the total number of live births in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

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Oral Health Profile
Caries experience

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	57.8	57.2	49.0

The measure is the estimated percent of children in grade 3 during the 2006-2007 school year with caries history. Caries experience, represented by a missing tooth or presence of a cavity or a filling, indicates that opportunities for primary prevention may have been missed. Dental caries is the single most common chronic disease of childhood.

The data shown are from the Oral Health Surveillance System. Numerators and denominators are not available (N/A). Estimates are based on the oral health of children examined in a number of Colorado counties and the proportion of schools in each county with students eligible at varying levels for the free and reduced lunch program. The HP 2020 goal is for ages 6 through 9.

Source: Oral Health Program, Prevention Services Division, Colorado Department of Public Health and Environment.

Oral Health Profile
Dental sealants
(National Performance Measure 9)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	33.5	35.0	28.1

The measure is the estimated percent of children in grade 3 during the 2006-2007 school year with a dental sealant on at least one tooth. Dental sealants are plastic coatings applied to decay-susceptible tooth surfaces (the pits and fissures).

The data shown are from the Oral Health Surveillance System. Numerators and denominators are not available (N/A). Estimates are based on the oral health of children examined in a number of Colorado counties and the proportion of schools in each county with students eligible at varying levels for the free and reduced lunch program. The HP 2020 goal is for ages 6 through 9.

Source: Oral Health Program, Prevention Services Division, Colorado Department of Public Health and Environment.

Oral Health Profile
Medicaid dental services

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
7,682	17,296	44.4	45.8	N/A

The measure is the percent of children on Medicaid who received dental services at some time between July 2009 and June 2010. The numerator is the number of children ages 0 through 18 on Medicaid who obtained dental services, and the denominator is the total number of children ages 0 through 18 who received Medicaid. The result is multiplied by 100 to yield the percent. Data are calculated by the county of residence of the child. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value less than 30. While there is no HP 2020 goal for this measure, the Colorado 2010 goal is 44.0 percent, and no Colorado 2020 goal has been determined.

Source: Colorado Department of Health Care Policy and Financing.

Larimer County MCH Data Set 2011

Oral Health Profile
Untreated decay

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	25.2	24.5	25.9

The measure is the estimated percent of children in grade 3 during the 2006-2007 school year with untreated tooth decay. For children, untreated decay can result in chronic pain and early tooth loss, inability to concentrate at school, absence from school, reduced self-esteem, and psychosocial problems.

The data shown are from the Oral Health Surveillance system. Numerators and denominators are not available (N/A). Estimates are based on the oral health of children examined in a number of Colorado counties and the proportion of schools in each county with students eligible at varying levels for the free and reduced lunch program. The HP 2020 goal is for ages 6 through 9.

Source: Oral Health Program, Prevention Services Division, Colorado Department of Public Health and Environment.

Perinatal Health Profile
Breastfeeding initiation

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	95.2	90.4	81.9

The measure is the percent of all mothers who initiated breastfeeding with their newborns, for the period 2005-2009. The data shown are from five years of surveys of all births. Data are calculated by the county of residence of the mother. Numerators and denominators are not available (N/A). The Colorado 2010 goal is 87.0 percent, and no Colorado 2020 goal has been determined.

County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Chaffee, Conejos, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Pitkin, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for all other counties.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics Section, Colorado Department of Public Health and Environment.

Perinatal Health Profile
First trimester prenatal care
(National Performance Measure 18)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
2,981	3,489	85.4	77.7	77.9

The measure is the percent of infants born to women receiving prenatal care beginning in the first trimester of their pregnancy. The data shown are for calendar year 2009. The numerator is the number of live births where the mother began prenatal care during the first trimester of pregnancy. The denominator is the total number of live births. The result is multiplied by 100 to yield the percent. Births where the start of prenatal care is unknown have been excluded. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

Larimer County MCH Data Set 2011

Perinatal Health Profile
Maternal weight gain

Recommendations for weight gain during pregnancy are according to the Institute of Medicine's 1990 guidelines. To meet the recommendations, women need to gain within the weight gain ranges for their body mass index (BMI) category. A woman with a low BMI (< 19.8) should gain 28-40 pounds. A woman with a normal BMI (19.8-26.0) should gain 25-35 pounds and a woman with a high BMI (>26.0) should gain 15-25 pounds. Appropriate weight gain is defined as a gain of the recommended number of pounds. Excessive weight gain is defined as a gain of more than the recommended number of pounds. Inadequate weight gain is defined as a gain of less than the recommended number of pounds.

County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Chaffee, Conejos, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Pitkin, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for all other counties. Data are calculated by the county of residence of the mother.

Perinatal Health Profile
Appropriate weight gain during pregnancy

(State Performance Measure 6)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	32.2	33.5	N/A

The measure is the percent of women who gained an appropriate amount of weight during pregnancy, for the period 2005-2009. The data shown are from five years of surveys of all births. Numerators and denominators are not available (N/A). The HP 2020 goal is developmental and has no target. The Colorado 2020 goal for this measure was not determined at the time of the 2011 data set release.

> Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics Section, Colorado Department of Public Health and Environment.

Perinatal Health Profile
Excessive weight gain during pregnancy

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	47.2	42.1	N/A

The measure is the percent of women who gained an excessive amount of weight during pregnancy, for the period 2005-2009. The data shown are from five years of surveys of all births. Numerators and denominators are not available (N/A). There is no HP 2020 goal or Colorado 2020 goal for this measure.

> Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics Section, Colorado Department of Public Health and Environment.

Perinatal Health Profile
Inadequate weight gain during pregnancy

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	20.6	24.5	N/A

The measure is the percent of women who gained an inadequate amount of weight during pregnancy, for the period 2005-2009. The data shown are from five years of surveys of all births. Numerators and denominators are not available (N/A). While there is no HP 2020 goal for this measure, the Colorado 2010 goal is 25.0 percent, and no Colorado 2020 goal has been determined.

> Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics Section, Colorado Department of Public Health and Environment.

Larimer County MCH Data Set 2011

Perinatal Health Profile
Perinatal mortality
(National Outcome Measure 5)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
98	17,538	5.6	6.3	5.9

The measure is the perinatal mortality rate per 1,000 live births plus fetal deaths for 2005-2009. The numerator is the sum of all perinatal deaths (fetal deaths occurring at 28 weeks of gestation or later and infant deaths occurring under 7 days of age) in 2005, 2006, 2007, 2008, and 2009. The denominator is the total number of live births plus all fetal deaths in the same five years. The result is multiplied by 1,000 to yield the rate. The rate shown can be viewed as the average rate for each of the five years. Data are calculated by the county of residence of the mother. DS indicates data are suppressed for confidentiality when the numerator or denominator has a value of 1 or 2.

Source: Vital Statistics Unit, Health Statistics Section, Colorado Department of Public Health and Environment.

Perinatal Health Profile
Smoking during the three months before pregnancy

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	22.6	19.5	14.6

The measure is the percent of women who smoked during the three months before pregnancy, for the period 2005-2009. The data shown are from five years of surveys of all births. Data are calculated by the county of residence of the mother. Numerators and denominators are not available (N/A). The Colorado 2010 goal is 19.0 percent, and no Colorado 2020 goal has been determined.

County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Chaffee, Conejos, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Pitkin, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for all other counties.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics Section, Colorado Department of Public Health and Environment.

Perinatal Health Profile
Smoking during the last three months of pregnancy
(National Performance Measure 15)

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	10.3	9.8	1.4

The measure is the percent of women who smoked during the last three months of pregnancy, for the period 2005-2009. The data shown are from five years of surveys of all births. Data are calculated by the county of residence of the mother. Numerators and denominators are not available (N/A). The HP 2020 goal is for women who smoked during pregnancy. The Colorado 2010 goal is for no more than 10.0 percent of women to be smoking in the last trimester of pregnancy, and no Colorado 2020 goal has been determined.

County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Chaffee, Conejos, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Pitkin, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for all other counties.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics Section, Colorado Department of Public Health and Environment.

Larimer County MCH Data Set 2011

Perinatal Health Profile
Unintended births

Numerator	Denominator	County Measure	Colorado Measure	HP 2020 Goal
N/A	N/A	39.0	38.6	44.0

The measure is the percent of all births (not pregnancies) that were unintended, for the period 2005-2009. The data shown are from five years of surveys of all births. Data are calculated by the county of residence of the mother. Numerators and denominators are not available (N/A). The HP 2020 goal refers to pregnancies, not births.

County level data are provided for Adams, Alamosa, Arapahoe, Archuleta, Boulder, Chaffee, Conejos, Delta, Denver, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Grand, Gunnison, Jefferson, Lake, La Plata, Larimer, Logan, Mesa, Moffat, Montezuma, Montrose, Morgan, Otero, Pitkin, Prowers, Pueblo, Rio Grande, Routt, Summit, Teller, and Weld Counties. Appropriate Health Statistics Regions data (see FAQs for list of counties by region) are shown for all other counties.

Source: Pregnancy Risk Assessment Monitoring System (PRAMS) survey data, Health Statistics Section, Colorado Department of Public Health and Environment.