

# Montana

Metric	2015 Value	2015 Rank	2015 Best State	2014 Value	2014 Rank	2013 Value	2013 Rank
Behaviors							
Smoking (% of adult population)	19.9	33	9.7	19.0	24	19.7	26
Excessive Drinking (% of adult population)	20.8	42	10.3	22.2	45	-	-
Drug Deaths (deaths per 100,000 population)	13.4	26	2.7	12.8	26	13.7	30
Obesity (% of adult population)	26.4	9	21.3	24.6	6	24.3	6
Physical Inactivity (% of adult population)	19.6	9	16.4	22.5	10	20.5	14
High School Graduation (% of students)	84.4	23	89.7	84.0	29	82.0	-
Behaviors Total*	0.03	20	-0.33				
Community & Environment							
Violent Crime (offenses per 100,000 population)	252.9	11	121.1	272.2	17	272.2	17
Occupational Fatalities (deaths per 100,000 workers)	5.2	36	2.0	5.4	34	5.6	37
Children in Poverty (% of children)	16.8	18	10.6	20.3	33	18.3	19
Infectious Disease (combined value <i>Chlamydia</i> , Pertussis , <i>Salmonella</i> )*	0.06	32	-1.09	-	32	0.02	-
Chlamydia (cases per 100,000 population)	379.8	15	236.2	383.4	16	344.2	11
Pertussis (cases per 100,000 population)	66.0	50	1.0	55.0	43	13.7	45
Salmonella (cases per 100,000 population)	9.3	2	8.4	10.9	10	12.2	15
Air Pollution (micrograms of fine particles per cubic meter)	5.7	3	5.0	6.3	4	7.2	9
Community & Environment Total*	0.13	8	-0.24				
Policy							
Lack of Health Insurance (% of population)	15.3	40	3.5	17.2	41	18.2	42
Public Health Funding (dollars per person)	\$92	15	\$227	\$98	16	\$100	14
Immunizations—Children (% of children aged 19 to 35 months)	67.1	41	84.7	65.4	44	66.5	35
Immunizations—Adolescents (combined value of HPV, MCV4, and Tdap)*	-0.84	40	1.31	-	-	-	-
HPV Females (% of females aged 13 to 17 years)	42.9	16	54.0	28.3	42	-	-
HPV Males (% of males aged 13 to 17 years)	13.0	42	42.9		-	-	-
MCV4 (% of adolescents aged 13 to 17 years)	60.2	46	95.2	51.6	48	-	-
Tdap (% of adolescents aged 13 to 17 years)	84.7	34	94.8	84.3	33	-	-
Policy Total*	-0.07	44	0.16				
Clinical Care							
Low Birthweight (% of live births)	7.4	19	5.8	7.4	18	7.2	16
Primary Care Physicians (number per 100,000 population)	102.6	41	206.7	99.7	41	97.4	41
Dentists (number per 100,000 population)	58.9	20	81.2	61.3	17	61.4	16
Preventable Hospitalizations (discharges per 1,000 in Medicare)	43.7	12	24.4	47.0	11	51.7	11
Clinical Care Total*	0.02	26	0.17				
All Determinants*	0.12	23	0.67			0.15	23
Outcomes							
Diabetes (% of adult population)	8.8	9	7.1	7.7	5	7.2	2
Poor Mental Health Days (days in previous 30)	3.3	12	2.7	3.3	11	3.7	19
Poor Physical Health Days (days in previous 30)	4.0	31	2.9	4.0	30	4.0	26
Disparity in Health Status (% difference by education level)**	28.1	23	14.9	26.8	18	29.9	29
Infant Mortality (deaths per 1,000 live births)	5.8	21	4.2	5.9	20	5.9	19
Cardiovascular Deaths (deaths per 100,000 population)	227.6	18	186.5	224.8	16	228.6	15
Cancer Deaths (deaths per 100,000 population)	180.1	13	146.1	179.8	11	178.3	9
Premature Death (years lost per 100,000 population)  All Outcomes*	7,673 0.09	35 18	5,414 -0.33	7,480 0.12	31 15	7,370	29 17
Overell	0.21	22-	0.80	0.20	22		22
Overall	0.21	23	0.89	0.28	22		23

## Strengths Challenges

Low prevalence of obesity High incidence of pertussis

Low levels of air pollution

Low immunization coverage among

children

Low incidence of Salmonella High prevalence of excessive drinking



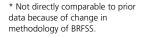
<sup>-</sup> Indicated data is missing or is not directly comparable to 2015

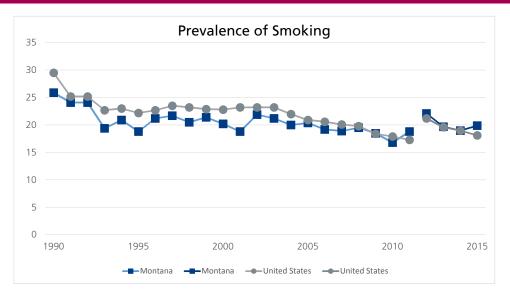
<sup>\*</sup> Negative value denotes below US averate; positive value denotes above US average.

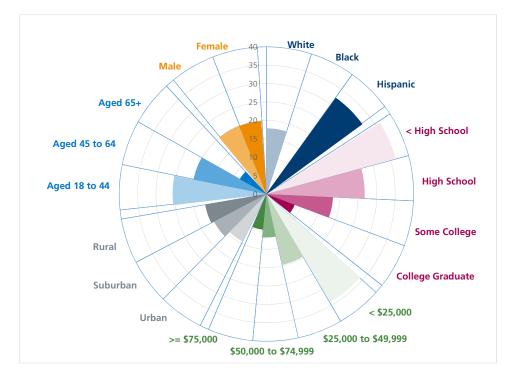
<sup>\*\*</sup>Difference in the percentage of adults aged 25 and older with verus without a high school education who report their health is very good or excellent.

Prevalence of Smoking Montana

	% of adult	population
Edition	MT	US
1990	25.9	29.5
1991	24.1	25.2
1992	24.1	25.2
1993	19.4	22.7
1994	20.9	23.0
1995	18.8	22.2
1996	21.2	22.7
1997	21.7	23.5
1998	20.5	23.2
1999	21.4	22.9
2000	20.2	22.8
2001	18.8	23.2
2002	21.9	23.2
2003	21.2	23.2
2004	20.0	22.0
2005	20.4	20.9
2006	19.2	20.6
2007	18.9	20.1
2008	19.5	19.8
2009	18.5	18.4
2010	16.8	17.9
2011	18.8	17.3
2012*	22.1	21.2
2013*	19.7	19.6
2014*	19.0	19.0
2015*	19.9	18.1





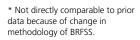


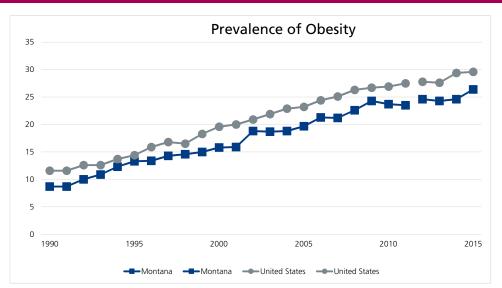
## Prevalence of Smoking (% of adult population)

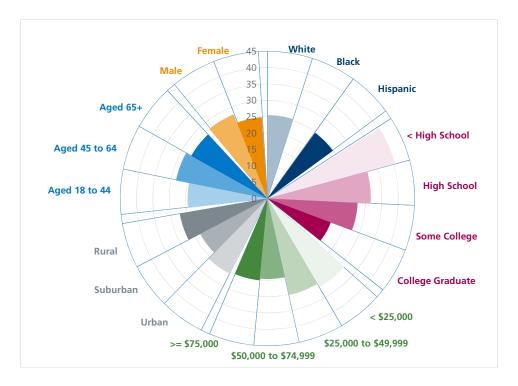
Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	17.8	16.3 - 19.3	9.3	26.7	Less Than \$25,000	34.1	30.6 - 37.6	18.5	40.8
Non-Hispanic Black	NA	NA	13.0	35.1	\$25,000 to \$49,999	19.7	16.8 - 22.6	10.3	26.0
Hispanic	32.2	19.8 - 44.6	8.2	51.0	\$50,000 to \$74,999	11.8	9.0 - 14.7	9.7	24.0
					\$75,000 or More	9.7	7.3 - 12.0	5.0	16.4
Less Than High School	36.4	29.5 - 43.4	17.0	44.1					
High School Graduate	26.7	23.8 - 29.6	15.3	31.2	Aged 18 to 44 years	25.5	22.8 - 28.3	10.6	33.3
Some College	18.1	15.6 - 20.6	8.5	25.7	Aged 45 to 64 years	20.2	18.1 - 22.3	10.4	27.7
College	8.2	6.5 - 9.9	2.5	13.5	Aged 65 +	8.3	6.8 - 9.8	4.5	12.7
Urban	14.4	10.7 - 18.0	6.0	24.2	Male	20.0	17.9 - 22.1	11.2	27.8
Suburban	16.1	7.1 - 25.1	6.0	23.5	Female	19.9	17.8 - 21.9	8.2	25.6
Rural	16.9	15 3 - 18 6	9.8	26.2					

Prevalence of Obesity Montana

	% of adult	
Edition	MT	US
1990	8.7	11.6
1991	8.7	11.6
1992	10.0	12.6
1993	10.9	12.6
1994	12.3	13.7
1995	13.3	14.4
1996	13.4	15.9
1997	14.3	16.8
1998	14.6	16.5
1999	15.0	18.3
2000	15.8	19.6
2001	15.9	20.0
2002	18.8	20.9
2003	18.7	21.9
2004	18.8	22.9
2005	19.7	23.2
2006	21.3	24.4
2007	21.2	25.1
2008	22.6	26.3
2009	24.3	26.7
2010	23.7	26.9
2011	23.5	27.5
2012*	24.6	27.8
2013*	24.3	27.6
2014*	24.6	29.4
2015*	26.4	29.6





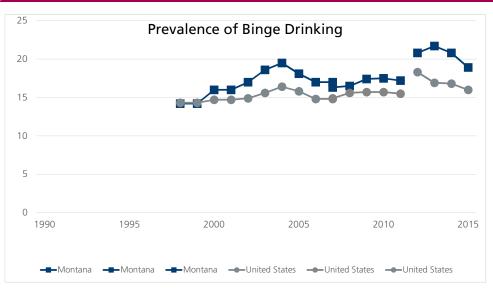


## Prevalence of Obesity (% of adult population)

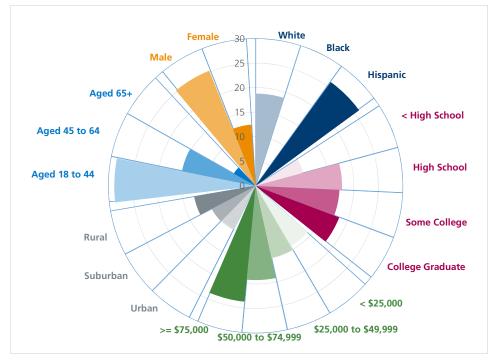
Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	25.5	23.9 - 27.1	17.6	35.1	Less Than \$25,000	31.4	28.0 - 34.7	27.5	42.4
Non-Hispanic Black	NA	NA	29.4	46.5	\$25,000 to \$49,999	30.2	27.0 - 33.4	23.3	40.1
Hispanic	24.8	15.1 - 34.4	18.5	40.8	\$50,000 to \$74,999	24.6	20.8 - 28.3	21.8	39.7
					\$75,000 or More	25.1	22.0 - 28.2	19.5	35.7
Less Than High School	40.4	33.3 - 47.6	23.1	43.9					
High School Graduate	31.6	28.7 - 34.5	26.3	40.1	Aged 18 to 44 years	24.4	21.7 - 27.1	18.3	35.9
Some College	27.6	24.8 - 30.4	24.3	41.1	Aged 45 to 64 years	28.5	26.3 - 30.8	25.1	41.7
College	20.7	18.4 - 22.9	16.5	31.8	Aged 65 +	26.7	24.2 - 29.1	14.1	33.4
Urban	25.7	21.6 - 29.8	18.6	36.9	Male	27.7	25.6 - 29.9	21.9	35.8
Suburban	23.2	14.6 - 31.7	22.7	47.6	Female	24.9	22.8 - 27.0	20.7	37.9
Rural	27.2	25.3 - 29.1	19.8	39.4					

	% of adult	population
Edition	MT	US
1990		
1991		
1992		
1993		
1994		
1995		
1996		
1997		
1998	14.2	14.3
1999	14.2	14.3
2000	16.0	14.7
2001	16.0	14.7
2002	17.0	14.9
2003	18.6	15.6
2004	19.5	16.4
2005	18.1	15.8
2006	17.0	14.8
2007†	16.3	14.9
2008†	16.5	15.6
2009†	17.4	15.7
2010†	17.5	15.7
2011†	17.2	15.5
2012†*	20.8	18.3
2013†*	21.7	16.9
2014†*	20.8	16.8
2015†*	18.9	16.0

<sup>†</sup> Edition used revised definition of binge drinking.



Note: 2015 Edition uses Excessive Drinking in calculating overall rank. Binge Drinking is displayed here because more years of data are available.

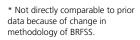


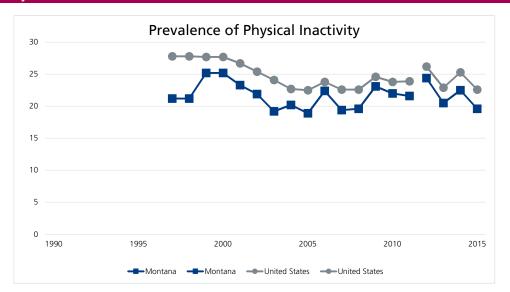
## Prevalence of Binge Drinking (% of adult population)

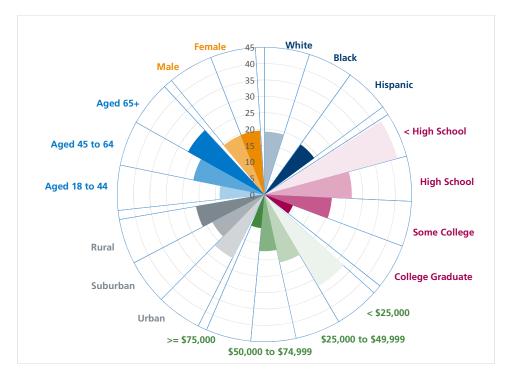
Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	18.8	17.2 - 20.3	9.4	23.3	Less Than \$25,000	14.2	11.6 - 16.9	6.3	19.0
Non-Hispanic Black	NA	NA	6.7	22.1	\$25,000 to \$49,999	15.1	12.4 - 17.8	7.9	22.0
Hispanic	26.1	13.8 - 38.5	11.5	38.8	\$50,000 to \$74,999	19.2	15.6 - 22.9	8.8	26.3
					\$75,000 or More	23.7	20.4 - 26.9	10.2	26.1
Less Than High School	9.9	5.6 - 14.2	7.3	21.4					
High School Graduate	17.6	14.9 - 20.3	7.1	23.5	Aged 18 to 44 years	28.8	26.0 - 31.7	14.7	35.0
Some College	17.1	14.5 - 19.7	8.5	24.8	Aged 45 to 64 years	15.3	13.5 - 17.2	8.1	20.6
College	18.2	15.8 - 20.6	6.7	20.3	Aged 65 +	5.1	4.0 - 6.2	1.9	9.0
Urban	9.9	6.9 - 12.8	6.2	20.0	Male	25.3	23.0 - 27.6	14.5	29.9
Suburban	10.1	4.4 - 15.9	5.1	17.8	Female	12.5	10.8 - 14.2	5.0	17.8
Rural	12.7	11.2 - 14.2	5.1	18.8					

<sup>\*</sup> Not directly comparable to prior data because of change in methodology of BRFSS.

		population
Edition	MT	US
1990	-	-
1991	-	-
1992	-	-
1993	-	-
1994	-	-
1995	-	-
1996	-	-
1997	21.2	27.8
1998	21.2	27.8
1999	25.2	27.7
2000	25.2	27.7
2001	23.3	26.7
2002	21.9	25.4
2003	19.2	24.1
2004	20.2	22.7
2005	18.9	22.5
2006	22.4	23.8
2007	19.4	22.6
2008	19.6	22.6
2009	23.1	24.6
2010	22.0	23.8
2011	21.6	23.9
2012*	24.4	26.2
2013*	20.5	22.9
2014*	22.5	25.3
2015*	19.6	22.6





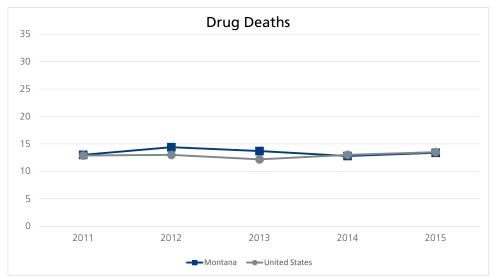


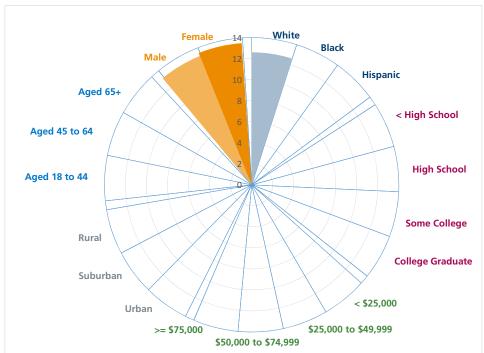
## Prevalence of Physical Inactivity (% of adult population)

Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	19.2	17.8 - 20.5	13.2	30.1	Less Than \$25,000	32.5	29.2 - 35.8	26.5	45.0
Non-Hispanic Black	NA	NA	6.8	39.8	\$25,000 to \$49,999	21.3	18.6 - 23.9	19.9	33.4
Hispanic	18.9	9.4 - 28.5	7.3	37.2	\$50,000 to \$74,999	17.3	13.9 - 20.7	12.9	27.6
					\$75,000 or More	10.3	8.3 - 12.3	7.0	17.8
Less Than High School	42.1	35.4 - 48.9	25.9	52.4					
High School Graduate	26.7	24.1 - 29.4	22.7	39.1	Aged 18 to 44 years	13.7	11.6 - 15.8	12.0	26.6
Some College	20.6	18.1 - 23.0	15.7	28.7	Aged 45 to 64 years	22.2	20.1 - 24.3	15.8	36.1
College	9.3	7.9 - 10.7	7.5	17.3	Aged 65 +	26.8	24.4 - 29.2	22.7	41.2
Urban	21.7	18.0 - 25.5	15.8	31.6	Male	19.5	17.7 - 21.4	14.8	28.9
Suburban	18.0	10.7 - 25.3	14.7	33.9	Female	19.6	17.8 - 21.4	17.2	36.1
Rural	21.2	19.6 - 22.8	19.1	38.6					

Drug Deaths Montana

	Deaths per	100,000
Edition	MT	US
2011	13.0	12.9
2012	14.4	13.0
2013	13.7	12.2
2014	12.8	13.0
2015	13.4	13.5



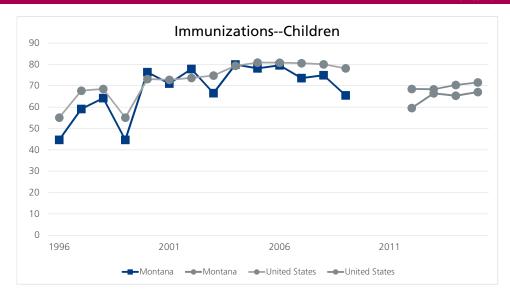


## Drug Deaths (deaths per 100,000 population)

Group	Value	85% CI	Best	Worse
White	12.6	11.2 - 13.9	2.6	33.0
Black	NA	NA	2.7	27.2
Hispanic	NA	NA	1.4	26.2
Male	13.2	11.4 - 15.1	3.5	40.2
Female	13.5	11.6 - 15.4	6.4	24.4

Immunizations Montana



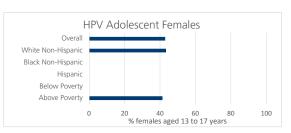


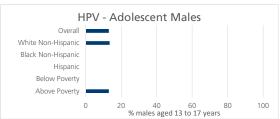
<sup>\*</sup> comparable data not available for this period of time.

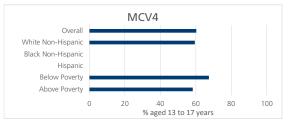
#### **Adolescent Immunizations**

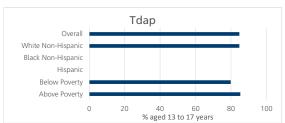
HPV - Adolescent Females (	% females ag	ed 13 to 17 years)		
	Value	85% CI	Best	Worse
Overall	42.9	33.8 - 52.0	20.1	54.0
White Non-Hispanic	43.4	33.6 - 53.2	19.4	63.0
Black Non-Hispanic	NA	NA	28.8	60.5
Hispanic	NA	NA	34.3	57.5
Below Poverty	NA	NA	29.3	61.7
Above Poverty	41.4	31.4 - 51.4	17.8	56.5
HPV - Adolescent Males (%	males aged 1	3 to 17 years)		
	Value	85% CI	Best	Worse
Overall	13.0	6.6 - 19.4	9.0	42.9
White Non-Hispanic	13.5	6.0 - 21.0	11.8	47.4
Black Non-Hispanic	NA	NA	20.4	45.8
Hispanic	NA	NA	17.5	42.4
Below Poverty	NA	NA	8.1	43.5
Above Poverty	13.0	5.8 - 20.2	8.1	46.6
MCV4 (% aged 13 to 17 ye	ars)			
	Value	85% CI	Best	Worse
Overall	60.2	53.7 - 66.7	46.0	95.2
White Non-Hispanic	59.4	52.4 - 66.4	40.8	97.3
Black Non-Hispanic	NA	NA	51.1	94.1
Hispanic	NA	NA	55.8	97.6
Below Poverty	67.3	51.3 - 83.3	51.2	97.1
Above Poverty	58.2	50.9 - 65.5	42.3	95.6
Tdap (% aged 13 to 17 yea	rs)			
	Value	85% CI	Best	Worse
Overall	84.7	80.0 - 89.4	70.8	94.8
White Non-Hispanic	84.7	79.5 - 89.9	64.9	96.0
Black Non-Hispanic	NA	NA	73.8	95.7
Hispanic	NA	NA	68.9	99.0
Below Poverty	79.8	64.9 - 94.7	61.7	98.4
Above Poverty	85.2	80.0 - 90.4	68.0	94.8







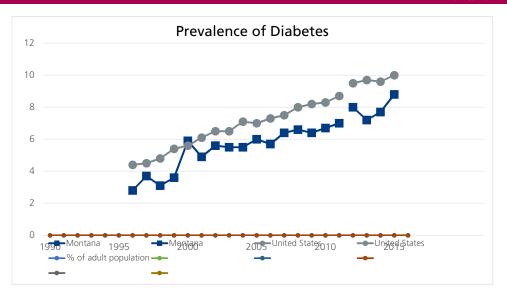


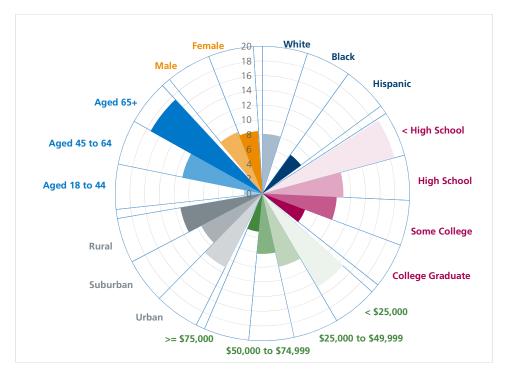


Diabetes Montana

	% of adult	t population
Edition	MT	US
1990	-	-
1991	-	-
1992	-	-
1993	-	-
1994	-	-
1995	-	-
1996	2.8	4.4
1997	3.7	4.5
1998	3.1	4.8
1999	3.6	5.4
2000	5.9	5.6
2001	4.9	6.1
2002	5.6	6.5
2003	5.5	6.5
2004	5.5	7.1
2005	6.0	7.0
2006	5.7	7.3
2007	6.4	7.5
2008	6.6	8.0
2009	6.4	8.2
2010	6.7	8.3
2011	7.0	8.7
2012*	8.0	9.5
2013*	7.2	9.7
2014*	7.7	9.6
2015*	8.8	10.0





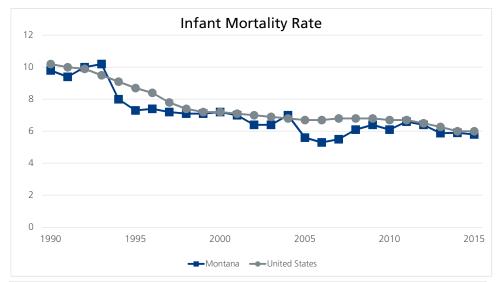


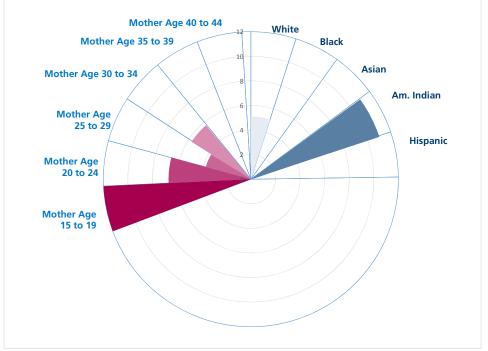
## Prevalence of Diabetes (% of adult population)

Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	8.1	7.2 - 8.9	4.4	13.9	Less Than \$25,000	14.7	12.4 - 16.9	12.7	20.7
Non-Hispanic Black	NA	NA	7.2	19.2	\$25,000 to \$49,999	10.2	8.4 - 11.9	8.1	16.4
Hispanic	6.5	2.0 - 11.0	.9	13.6	\$50,000 to \$74,999	8.2	5.9 - 10.5	6.7	13.4
					\$75,000 or More	5.2	3.8 - 6.6	4.2	8.9
Less Than High School	18.6	13.9 - 23.2	9.6	25.0					
High School Graduate	11.0	9.2 - 12.7	8.6	16.7	Aged 18 to 44 years	2.5	1.6 - 3.4	1.8	4.8
Some College	10.1	8.4 - 11.8	8.2	15.2	Aged 45 to 64 years	11.1	9.5 - 12.7	8.3	18.1
College	6.2	5.0 - 7.4	5.1	10.9	Aged 65 +	17.4	15.4 - 19.3	16.5	26.7
Urban	11.2	8.5 - 13.9	8.5	19.9	Male	9.0	7.8 - 10.2	6.3	14.1
Suburban	9.4	3.4 - 15.3	6.3	18.7	Female	8.5	7.4 - 9.7	6.7	14.1
Rural	11.3	10.1 - 12.4	8.6	19.4					

Infant Mortality Rate Montana







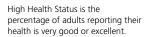
## Infant Mortality (deaths per 1,000 live births)

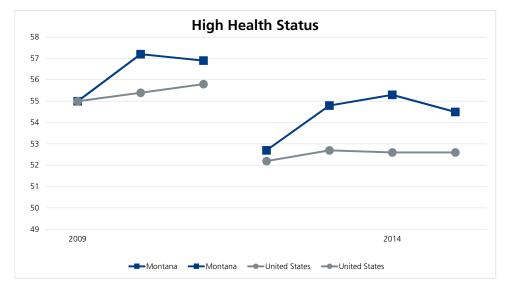
Group	Value	Min	Max
White	5.1	3.4	7.3
Black	NA	7.1	14.1
Asian	NA	3.1	8.5
American Indian	11.0	5.0	13.6
Hispanic	NA	3.4	10.0
Mother Age 15 to 19	12.0	6.2	12.1
Mother Age 20 to 24	6.7	4.6	10.1
Mother Age 25 to 29	3.8	3.8	8.4
Mother Age 30 to 34	5.7	3.5	8.2
Mother Age 35 to 39	NA	3.6	9.8
Mother Age 40 to 44	NA	4.0	14.9

High Health Status Montana

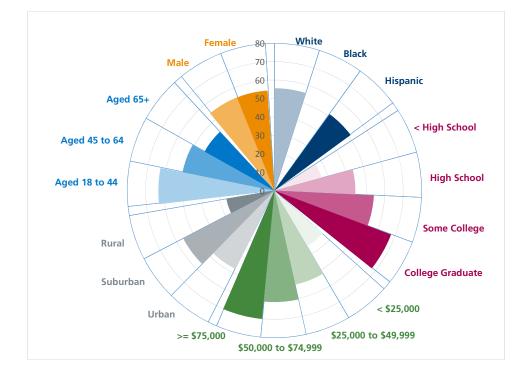
	% of adult	% of adult population			
Edition	MT	US			
2009	0	0			
2010	0	0			
2011	0	0			
2012*	0	0			
2013*	0	0			
2014*	0	0			
2015*	0	0			

<sup>\*</sup> Not directly comparable to prior data because of change in methodology of BRFSS.





For high health status, the larger the area, the healthier the subpopulation.



## High Health Status (% of adult population)

Group	Value	95% CI	Min	Max	Group	Value	95% CI	Min	Max
Non-Hispanic White	55.6	53.9 - 57.4	41.9	65.2	Less Than \$25,000	35.1	31.6 - 38.5	23.4	36.8
Non-Hispanic Black	NA	NA	32.8	53.7	\$25,000 to \$49,999	52.3	48.9 - 55.6	39.7	55.8
Hispanic	51.2	38.9 - 63.4	28.5	68.3	\$50,000 to \$74,999	60.6	56.5 - 64.8	46.9	68.5
					\$75,000 or More	70.1	67.0 - 73.2	60.3	76.5
Less Than High School	26.5	20.1 - 32.9	16.7	36.8					
High School Graduate	44.0	40.9 - 47.1	34.3	49.9	Aged 18 to 44 years	63.1	60.2 - 66.1	49.1	65.9
Some College	54.1	51.0 - 57.2	44.1	61.2	Aged 45 to 64 years	50.9	48.4 - 53.4	34.6	61.1
College	67.7	65.1 - 70.2	60.4	76.3	Aged 65 +	43.5	40.9 - 46.1	30.4	50.7
Urban	47.6	42.8 - 52.4	39.3	59.9	Male	54.6	52.2 - 57.0	42.5	58.7
Suburban	56.0	46.3 - 65.6	39.3	62.6	Female	54.5	52.2 - 56.8	40.9	61.3
Rural	26.5	20.1 - 32.9	16.7	36.8					