





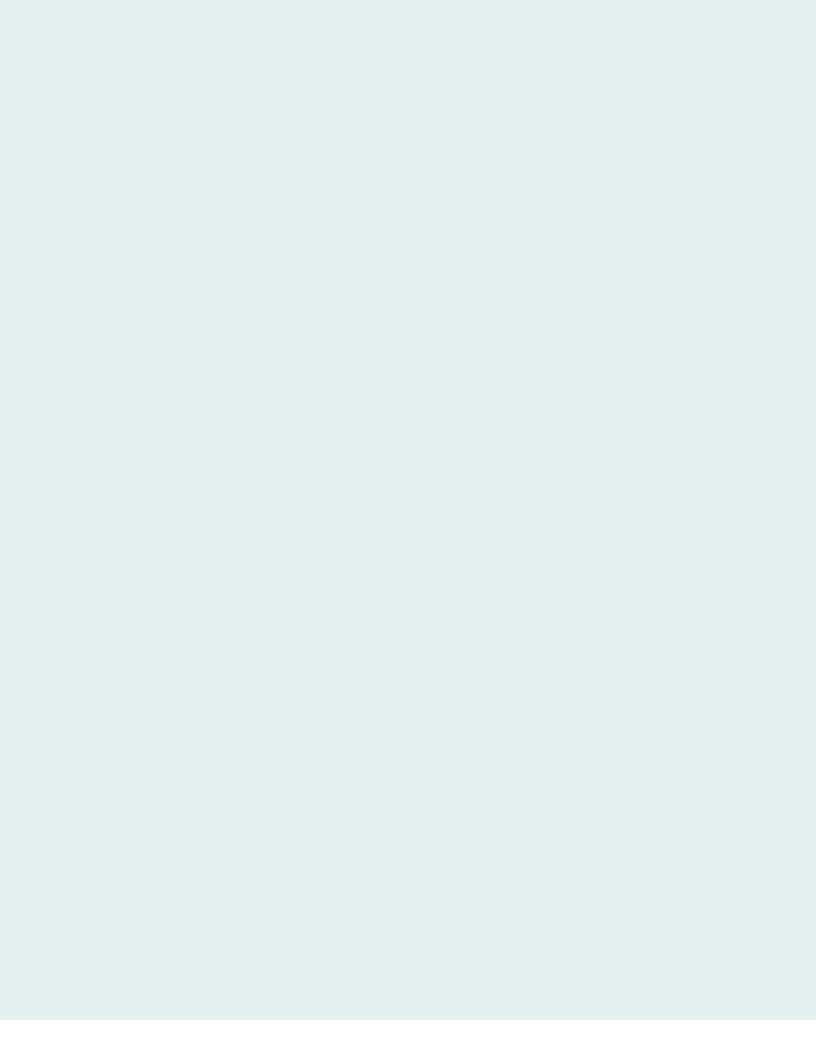






# Racial and Ethnic Health Disparities Report Card, 7th Edition

September 2012





## New Mexico Department of Health

1190 South St. Francis Drive Santa Fe, NM 87502 www.nmhealth.org/opa/

Produced by the Office of Health Equity Office of Policy and Accountability (505) 827-1052

To access this document electronically, visit the Department of Health website or to obtain this document in an alternate format, contact the Office of Policy and Accountability.

## **Acknowledgements**

Many individuals contributed to the production of this report card. The Office of Policy and Accountability wishes to particularly thank the staff of the Epidemiology and Response Division for providing most of the data for the report.

## **Report Card Data Providers:**

Marisa Bargsten, Agnes Bartok, Pat Drypolcher, Kelly Gallagher, Dan Green, Wayne Honey, Jeff Lauritsen, Larry Nielsen, Jim Roeber, David Selvage and Brad Whorton

## **Major Sources of Data**

#### **New Mexico Data**

#### **Birth System:**

Bureau of Vital Records and Health Statistics, Epidemiology and Response Division

#### **Death System:**

Bureau of Vital Records and Health Statistics, Epidemiology and Response Division

#### Behavioral Risk Factor Surveillance System (BRFSS):

Survey Unit, Epidemiology and Response Division

#### Youth Risk and Resiliency Survey (YRRS):

Survey Unit, Epidemiology and Response Division, and Public Education Department

#### Infectious Disease Surveillance:

Bureau of Infectious Disease Epidemiology, Epidemiology and Response Division and Sexually Transmitted Disease Program, Public Health Division

#### **United States Data**

**Infectious Disease:** Centers for Disease Control and Prevention (CDC), National Center for HIVAIDS, Viral Hepatitis, STD, and TB Prevention

**Births:** CDC, National Center for Health Statistics, National Vital Statistics System: http://www.cdc.gov/nchs/births.htm

**Deaths:** CDC, National Center for Health Statistics, National Vital Statistics System: http://www.cdc.gov/nchs/deaths.htm; http://wonder.cdc.gov; http://www.cdc.gov/injury/wisqars/index.html

BRFSS: http://apps.nccd.cdc.gov/brfss/index.asp

YRBS: http://www.cdc.gov/HealthyYouth/yrbs/index.htm

### **Foreword**

The New Mexico Department of Health is pleased to present the seventh edition of the Racial and Ethnic Health Disparities Report Card.

Health disparities are the differences in health status and impact of diseases on different race and ethnic populations. Health disparities are relative, based on comparisons of the health status, access to services and/or health outcomes of population groups. For example, a disparity such as for pneumonia/influenza deaths may increase even if rates are improving generally if one group's rate improves more or less rapidly than others.

The mission of the Department of Health is to provide leadership to guide public health and protect the health of the citizens of New Mexico. As part of this mission, one of the goals of the department is to eliminate health disparities while ensuring care to all New Mexicans.

Consequently, the Department of Health is very pleased to announce the creation of a new Office of Health Equity with Dr. Carlotta A. Garcia as its first Director.

This report card addresses many of the key health issues of concern including deaths related to substance abuse and injuries, as well as disparities in the burden of chronic disease.

The Department of Health cannot address these issues alone and values the contribution of many partners at the state and community levels in developing strategies to address health disparities.

The Department's Office of Policy and Accountability creates the report card in support of the Department's efforts and specifically the work of the Office of Health Equity in reducing disparities and improving communication with New Mexico's many diverse populations.

We continue to work to improve the quality of this report card and invite your input and suggestions.

If you are interested in working with us to address health disparities, please contact Dr. Garcia at (505) 827-2572.

## **Table of Contents**

Legend	7
Summary	8-9
Mother and Child Health	10-12
Prenatal Care-Late or No Care	10
Infant Mortality	11
Teen Births	12
Chronic Diseases	13-16
Adults with Diabetes Not Receiving Recommended Services	13
Diabetes Deaths	14
Obesity Among Adults	15
Obesity Among Youth	16
Infectious Diseases	17-22
Not had Pneumonia Vaccination (Adults 65+)	17
Pneumonia and Influenza Deaths	18
Chlamydia	19
Hepatitis B Acute and Chronic	20
HIV Infections	21
Pertussis (Whooping Cough)	22
Violence and Injury	23-27
Motor Vehicle Deaths	23
Fall-Related Deaths (Adults 65 +)	24
Suicide	25
Youth Suicide	26
Homicide	27
Risk Behaviors	28-30
Smoking Among Adults	28
Drug Overdose Deaths	29
Alcohol Related Deaths	30
Change in Disparity	32-43

## **UNDERSTANDING THE REPORT CARD**

LEGEND			
Disparity Grade	Disparity Ratio	Meaning/Interpretation	
Α	1.0 - 1.4	Little or no disparity.	
В	1.5 - 1.9	A disparity exists and should be monitored and may require intervention.	
С	2.0 - 2.4	The disparity requires intervention.	
D	2.5 - 2.9	Major interventions are needed.	
F	>=3.0	Urgent interventions are needed.	
Reference Group		The group with the best rate (and 20 or more cases). It is the group to which all other groups are compared and therefore will not receive a rating.	
Not Enough Data		Groups with less than 20 events during time period. Disparity ratios and ratings are not calculated for populations with less than 20 events during the comparison time period.	

## **DISPARITY GRADE**

The disparity grade column reflects how well the health system is doing in eliminating the differences among populations by comparing each group to the population with the best rate. The reference group in this column will indicate that it is the population to which all others are compared. Please note that ratings are only related to the differences among populations (disparity ratio) and are not an indication of how well or poorly New Mexico, overall, is doing in relation to the indicators.

## RATES AND THE DISPARITY RATIO

Rates are used to allow direct comparisons between populations of differing sizes. Rates are derived by taking the number of events occurring during a given time period and dividing by the population at risk and multiplying by a constant, so that the rate is expressed as a whole number. The disparity ratio is a way to look at the severity of health problems by comparing racial/ethnic groups to one another. It is calculated by dividing the rate for each population by the reference group population rate. Disparity ratios are not calculated for populations with less than 20 cases during the time period.

## **SUMMARY**

## LARGEST DISPARITIES

The indicators with the greatest differences between populations in New Mexico are in order of disparity:

Indicator	* Population with Worst (Highest) Rate	Worst (Highest) Rate	* Reference Group - Population with Best (Lowest) Rate	Best (Lowest) Rate	Disparity Ratio
Acute and Chronic Hepatitis B	Asian/Pacific Islanders	122.6 per 100,000	Hispanic	2.5 per 100,000	50.0
Obesity	American Indians	35.3 per 100	Asian/Pacific Is- lander	5.3 per 100	6.7
Teen Births	Hispanic	42.2 per 1,000	Asian/Pacific Islander	8.6 per 1,000	4.9
HIV Infections	African-American/ Black	17.7 per 100,000	White	4.4	4.0
Homicide	American Indian	15.4 per 100,000	White	4.1 per 100,000	3.8
Infant Mortality	African-American/ Black	14.0 per 1,000	White	3.9	3.6
Deaths due to Diabetes	American Indian	64.0 per 100,000	White	18.7 per 100,000	3.4
Pertussis	Hispanics	9.8 per 100,000	African-American/ Black	3.0 Per 100,000	3.3
Alcohol-Related Deaths	American Indian	97.3 Per 100,000	African-American/ Black	33.5 per 100,000	2.9

<sup>\*</sup> Disparities are only calculated for groups with at least 20 cases during the time period.

## **SUMMARY**

#### DISPARITIES BY POPULATION

#### American Indians had the highest (worst) rates for:

**Adult Obesity** 

Homicide

**Diabetes Deaths** 

Alcohol-Related Deaths

Motor Vehicle Deaths

Pneumonia & Influenza Deaths

Youth Obesity

Late Prenatal Care and

Youth Suicide

### African-Americans/Blacks had the highest (worst) rates for:

**HIV Infections** 

Infant Mortality

Adult Smoking

#### Hispanics had the highest (worst) rates for:

Chlamydia

Teen Births

**Pertussis** 

Adults with Diabetes Not Receiving Recommended Services

Adults 65+ Not Ever Receiving Pneumonia Vaccinations

#### Asian/Pacific Islanders had the highest (worst) rates for:

Acute and Chronic Hepatitis B

#### Whites had the highest (worst) rates for:

Suicide

**Drug Overdose Deaths** 

Fall Related Deaths

### **DISPARITIES SHOWING A CHANGE**

**Disparities Showing an Increase:** HIV Infections, Hepatitis B, Chlamydia, Pertussis, Suicide, Homicide, Infant Mortality, Diabetes Deaths, Pneumonia/Influenza Deaths and Adult Obesity

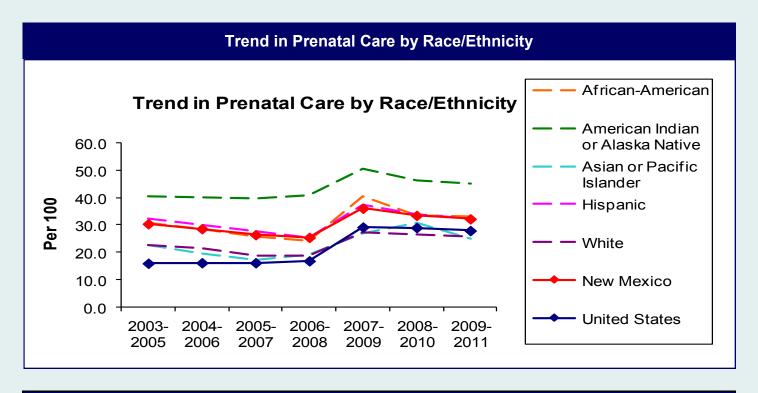
**Disparities Showing a Decrease:**, Motor Vehicle Deaths, Drug Overdose Deaths, Late or No Prenatal Care, Youth Suicide, Alcohol-Related Deaths, Adults with Diabetes Not Receiving Recommended Services, Adults 65+ Not Ever Receiving Pneumonia Vaccination, Adult Smoking

Disparities Showing Little or No Change: Teen Births, Youth Obesity, Fall-Related Deaths

1. Prenatal Care - Late or No Care (Care beginning after the 3rd month of pregnancy or no care during pregnancy)

Race/Ethnicity	2009-2011 Rate (per 100)	Disparity Ratio	Disparity Grade
African-American	33.0	1.3	Α
American Indian	45.3	1.8	В
Asian/Pacific Islanders	25.1	1.0	Reference Group
Hispanic	32.5	1.3	Α
White	25.8	1.0	Α

- American Indian women continue to have the highest rate with nearly 45 out of 100 receiving no prenatal care or prenatal care after the first trimester.
- 1 in 3 New Mexico pregnant women do not begin prenatal care until after the first trimester or do not receive any prenatal care.

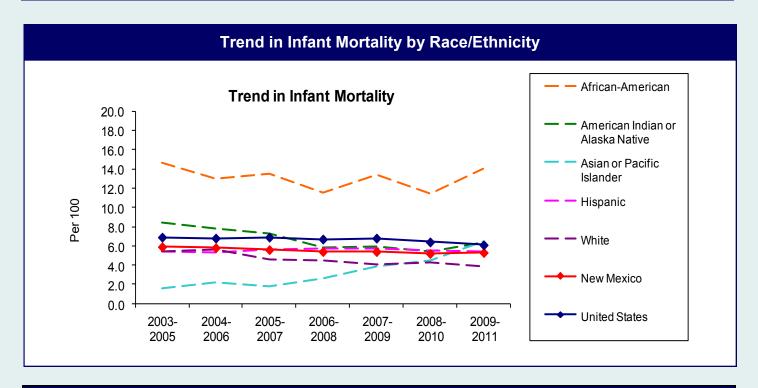


	New Mexico 2009-2011	United States 2009
Total Percent of Births with Late or No Prenatal Care	32.2	27.9

## 2. Infant Mortality

Race/Ethnicity	2009-2011 Rate (per 1,000)	Disparity Ratio	Disparity Grade
African-American	14.0	3.6	F
American Indian	6.3	1.6	В
Asian/Pacific Islanders	*6.4	Not Enough Data	Not Enough Data
Hispanic	5.4	1.4	Α
White	3.9	1.0	Reference Group

- New Mexico's infant mortality rate is lower than that of the US.
- The infant mortality rate for African-Americans is more than 3.5 times that of Whites.
- The male infant mortality rate is higher than the female mortality rate.
- \* Rate based on less than 20 events and may fluctuate greatly from year to year, so disparity ratios not calculated.

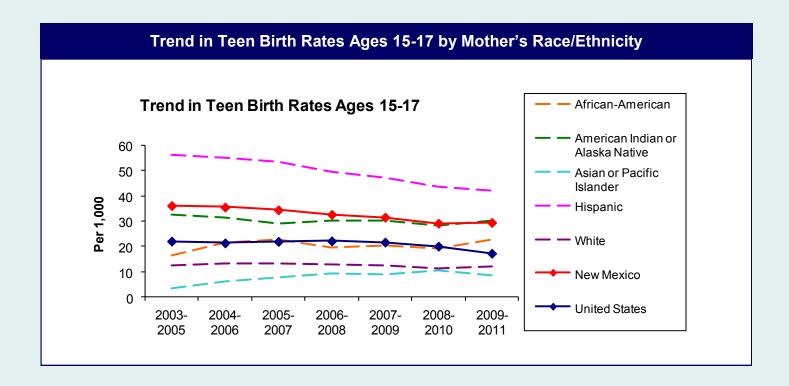


Infant Mortality Rate Per 1,000 by Gender				
Population Total Female Male				
New Mexico 2009-2011	5.3	4.5	6.0	
United States Preliminary 2010	6.1	NA	NA	

### 3. Teen Births Ages 15-17

Race/Ethnicity	2009-2011 Rate (per 1,000)	Disparity Ratio	Disparity Grade
African-American	22.8	2.7	D
American Indian	30.1	3.5	F
Asian/Pacific Islanders	8.6	1.0	Reference Group
Hispanic	42.2	4.9	F
White	12.1	1.4	Α

- The teen birth rate in New Mexico is nearly 70% higher than the national rate.
- Asian/Pacific Islanders and Whites have rates much lower than those of other populations.
- Hispanic teens continue to have the highest rates.
- American Indians also have high rates.



	New Mexico 2009-2011	United States 2010
Teen Birth Rates Per 1,000 Ages 15-17	29.5	17.3

#### 4. Adults with Diabetes Not Receiving All Recommended Diabetes Preventive Services

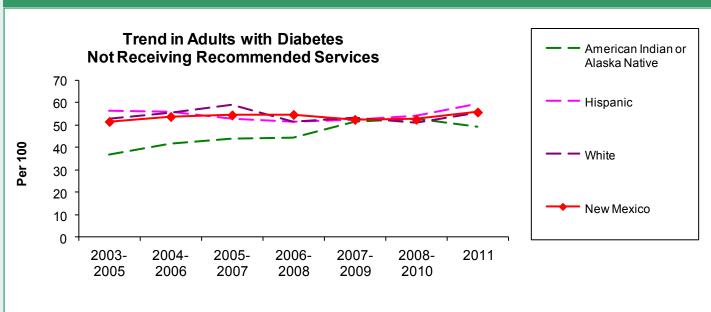
Race/Ethnicity	2011 Rate Per 100	Disparity Ratio	Disparity Grade
African-American	*	Not Enough Data	Not Enough Data
American Indian	49.4	1.0	Reference Group
Asian/Pacific Islanders	*	Not Enough Data	Not Enough Data
Hispanic	59.3	1.2	Α
White	55.7	1.1	Α

#### Note:

- More than half of the individuals with Diabetes do not receive the recommended services.
- \* Survey results based on less than 50 interviews are not presented and disparity ratios not calculated.

Please note that changes to the weighting system and addition of cell phone interviews preclude combining 2011 data with earlier years

# Adults with Diabetes Not Receiving Services by Race/Ethnicity



2011 Rate Per 100 of New Mexicans Not Receiving Diabetes Preventive Services by Poverty Level		
Poverty Level Percent		
Above Federal Poverty Level 56.0		
At or Below Federal Poverty 55.3		

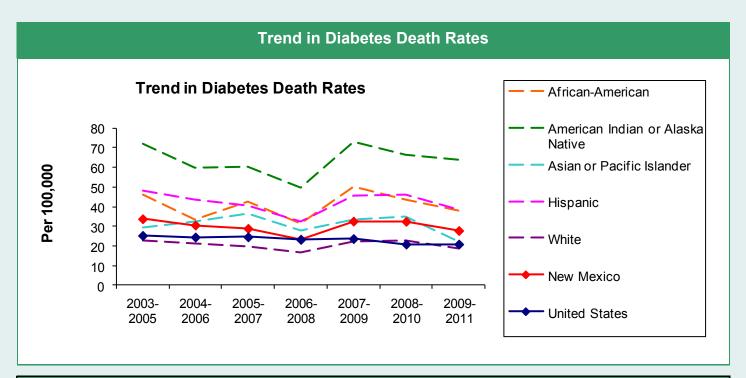
Not Receiving Diabetes Preventive Services by Gender				
Total Female Male				
New Mexico         55.8         55.3         56.3				
Jnited States Data Not Available				

2011 Rate Per 100 of New Mexican

#### 5. Diabetes Deaths

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	38.2	2.0	С
American Indian	64.0	3.4	F
Asian/Pacific Islanders	* 22.4	Not Enough Data	Not Enough Data
Hispanic	38.4	2.1	С
White	18.7	1.0	Reference Group

- The New Mexico rate is higher than the national rate.
- American Indians have the highest death rates due to diabetes.
- Hispanics and African-Americans have death rates twice that of whites.
- The diabetes death rate is higher for males.
- \* Rate based on less than 20 events and may fluctuate greatly from year to year, so no disparity ratio calculated.



Diabetes Death Rates Per 100,000 by Gender					
Population Total Female Male					
New Mexico 2009-2011	27.8	23.8	32.6		
United States Final 2009	20.9	17.7	25.0		

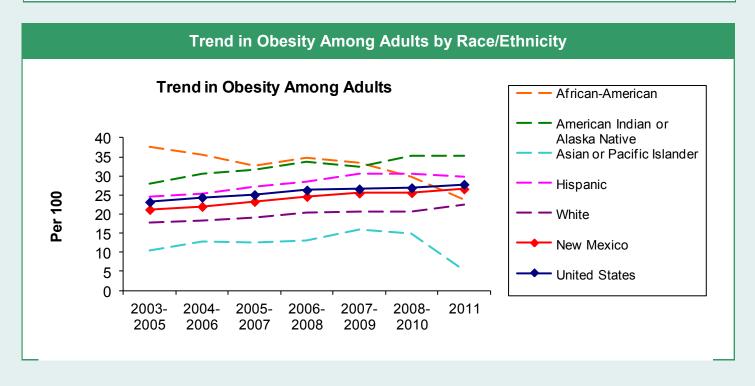
### 6. Obesity Among Adults

Race/Ethnicity	2011 Rate Per 100	Disparity Ratio	Disparity Grade
African-American	23.9	4.5	F
American Indian	35.3	6.7	F
Asian/Pacific Islanders	5.3	1.0	Reference Group
Hispanic	29.9	5.6	F
White	22.6	4.3	F

#### Note:

- American Indians and Hispanics have rates of obesity higher than the national rate.
- Individuals at or below the poverty level have higher rates of obesity.

Please note that changes to the weighting system and addition of cell phone interviews preclude combining 2011 data with earlier



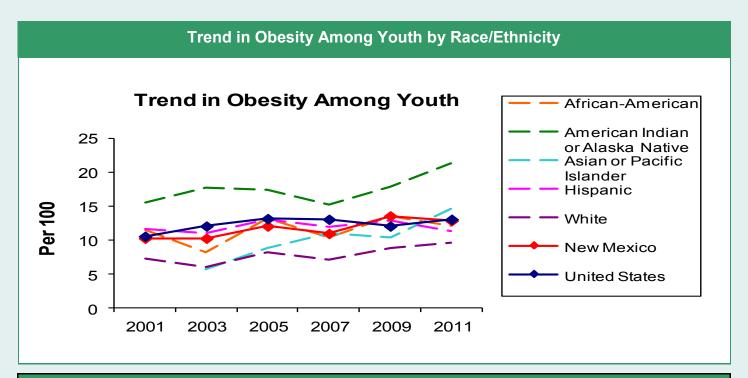
2011 Rate Per 100 of Obesity Among New Mexican Adults by Poverty Level			
Poverty Level Percent			
Above Federal Poverty Level 24.7			
At or Below Federal Poverty Level 29.8			

2011 Rate Per 100 of Obesity Among Adults by Gender					
Total Female Male					
New Mexico	26.9				
<b>U.S.</b> 27.8 27.4 28.3					

### 7. Obesity Among Youth

Race/Ethnicity	2011 Rate	Disparity Ratio	Disparity Ratio
African-American	12.0	1.3	Α
American Indian	21.3	2.2	С
Asian/Pacific Islanders	14.6	1.5	В
Hispanic	11.3	1.2	Α
White	9.5	1.0	Reference Group

- American Indian youth continue to have the highest rates of obesity.
- Whites have the lowest rates of obesity but show an increase since 2009
- Males have higher rates of obesity than do females for both the United States and New Mexico.



Rate Per 100 Obesity Among Youth by Gender					
Population Total Female Male					
New Mexico 2011	12.8	7.8	17.5		
United States 2011 13.0 9.8 16.1					

#### 8. Not Had Pneumonia Vaccination (Adults 65+)

Race/Ethnicity	2011 Rate (per 100)	Disparity Ratio	Disparity Grade
African-American	*	Not Enough Data	Not Enough Data
American Indian	34.3	1.3	Α
Asian/Pacific Islanders	*	Not Enough Data	Not Enough Data
Hispanic	35.5	1.3	Α
White	26.7	1.0	Reference Group

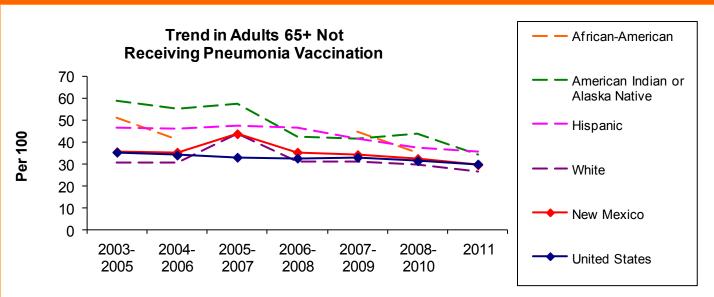
#### Note:

- American Indians and Hispanics were less likely than Whites to have received a pneumonia vaccination.
- People at or below the poverty level were less likely than those above the poverty level have received a pneumonia vaccination.

Please note that changes to the weighting system and addition of cell phone interview preclude combining 2011 data with earlier years

\* Survey results based on less than 50 interviews and are not presented and no disparity ratios calculated.

## Trend in Adults 65+ Not Receiving Pneumonia Vaccination by Race/Ethnicity



2011 Rate Per 100 of New Mexicans Not Receiving Pneumonia Vaccination by Poverty Level				
Poverty Level Percent				
Above Federal Poverty Level	27.5			
At or Below Federal Poverty Level 37.2				

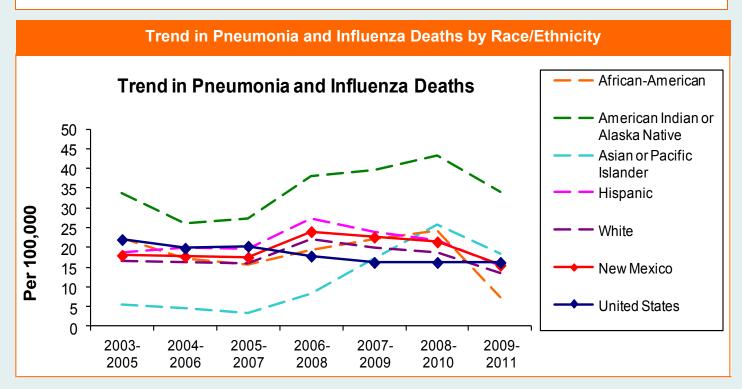
Rate of Not Receiving Pneumonia Vaccination by Gender					
Total Female Male					
New Mexico 2011	<b>co</b> 29.7 26.8 33.				
<b>U.S. 2011</b> 30.0 27.9 32.6					

#### 9. Pneumonia and Influenza Deaths

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	<b>*</b> 7.3	Not Enough Data	Not Enough Data
American Indian	34.1	2.5	D
Asian/Pacific Islanders	*18.4	Not Enough Data	Not Enough Data
Hispanic	15.4	1.1	Α
White	13.6	1.0	Reference Group

- The American Indians have the highest rate-more than twice that of Whites or Hispanics
- Rates for males are higher than rates for females.

<sup>\*</sup> Rate based on less than 20 events and may fluctuate greatly from year to year, so no disparity ratios calculated.

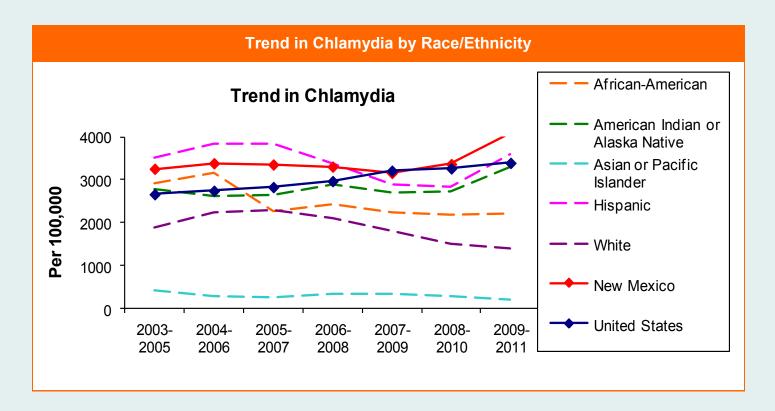


Pneumonia and Influenza Deaths Per 100,000 by Gender					
Population Total Female Male					
New Mexico 2009-2011	15.5	13.2	18.8		
United States Final 2009 16.2 14.1 19.4					

#### 10. Chlamydia (Females Ages 15-24)

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	2203.8	1.6	В
American Indian	3296.1	2.3	С
Asian/Pacific Islanders	*193.6	Not enough data	Not enough data
Hispanic	3582.8	2.6	D
White	1403.1	1.0	Reference Group

- Hispanic females continue to have the highest rate of reported Chlamydia closely followed by American Indian females.
- There were fewer than 20 cases reported for Asian/ Pacific Islander females so White females became the reference group
- \* Rate based on less than 20 events and may fluctuate greatly from year to year, so no disparity ratio calculated.



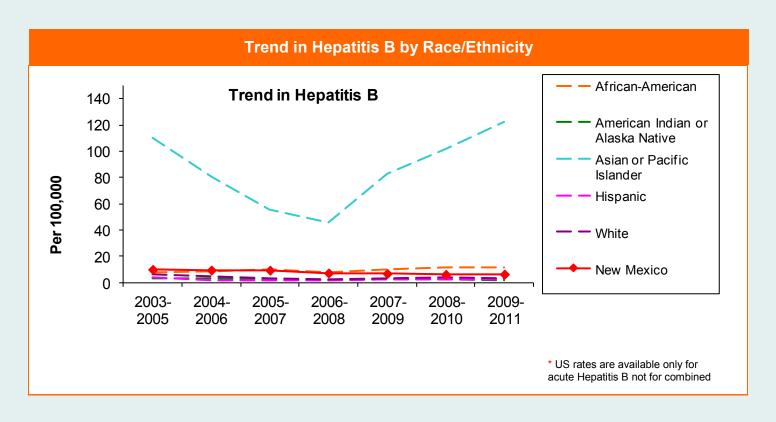
	New Mexico 2009-2011	United States (2010
Chlamydia in Females Ages 15-24 Per 100,000	4,085.6	3,393.1

#### 11. Hepatitis B (Acute & Chronic)

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	11.4	4.7	F
American Indian	*1.5	Not Enough Data	Not Enough Data
Asian/Pacific Islanders	122.6	50.0	F
Hispanic	2.5	1.0	Reference Group
White	3.3	1.3	Α

- Asian/Pacific Islanders continue to have the highest rates.
- Hispanics have the lowest rates.
- Approximately 67cases did not have race/ethnicity recorded.

<sup>\*</sup> Rate based on less than 20 events and may fluctuate greatly from year to year, so no disparity ratio calculated.

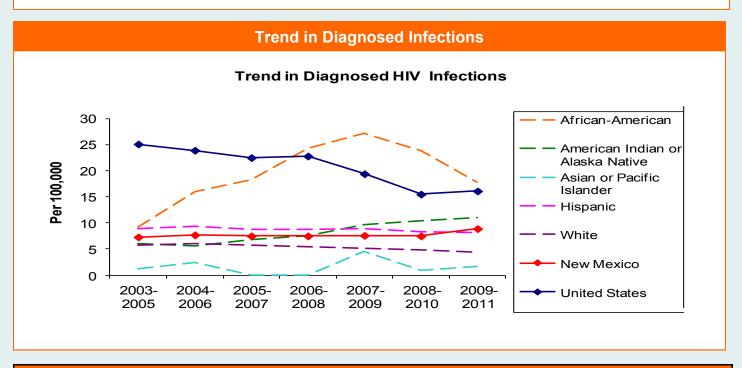


Rate Per 100,000 of Hepatitis B by Gender					
Population Total Female Male					
New Mexico 2009-2011         6.3         5.3         7.3					

#### 12. HIV Infections

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	17.7	4.0	F
American Indian	11.0	2.5	D
Asian/Pacific Islanders	*1.7	Not Enough Data	Not Enough Data
Hispanic	8.2	1.9	В
White	4.4	1.0	Reference Group

- The New Mexico rate is much lower than the United States rate.
- All populations have rates well below national rates except for African-Americans.
- The rate for males remains higher than the rate for females.
- \* Rate based on less than 20 events and may fluctuate greatly from year to year, so no disparity ratio calculated.

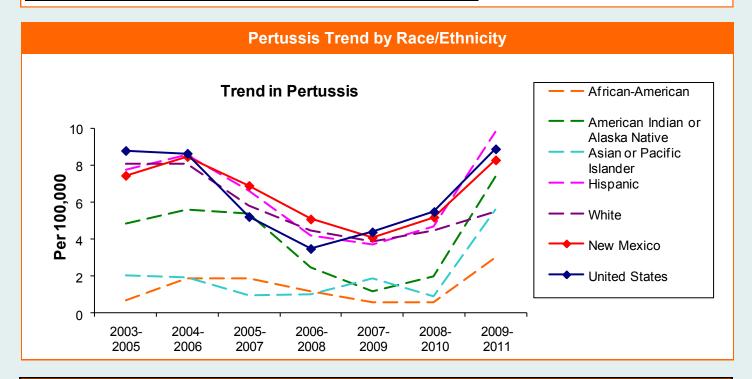


HIV Infection Rate by Gender for individuals 13 and older				
Population	<b>Total Per 100,000</b>	Female	Male	
New Mexico 2009-2011	8.9	2.8	15.1	
United States 2010	16.1	8.0	31.4	

### 13. Pertussis (Whooping Cough)

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African- American	3.0	1.0	Reference group
American Indian	7.4	2.5	D
Asian/Pacific Islanders	5.6	1.9	В
Hispanic	9.8	3.3	F
White	5.5	1.8	В

- The number of cases fluctuates year by year.
- There was an increase in cases in 2011.
- Rates for females are higher than rates for males.
- Approximately 62 cases had race/ethnicity designated as unknown/missing/multi-race.

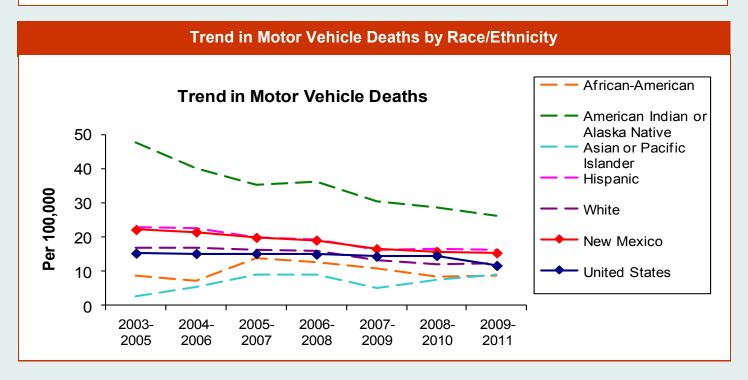


Pertussis Rate by Gender				
Population	<b>Total Per 100,000</b>	Female	Male	
New Mexico 2009-2011	8.3	9.8	6.8	
United States 2010	8.9	9.6	8.1	

#### 14. Motor Vehicle Deaths

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African- American	*8.6	Not Enough Data	Not Enough Data
American Indian	26.2	2.1	С
Asian/Pacific Islanders	*8.9	Not Enough Data	Not Enough Data
Hispanic	16.2	1.3	Α
White	12.2	1.0	Reference Group

- The New Mexico rate is higher than the national rate.
- The American Indian motor vehicle death rate remains more than double the White rate.
- However for both American Indian and Whites rates are decreasing.
- The rates for males are twice that of females.
- \* Rate based on less than 20 events and may fluctuate greatly from year to year, so disparity ratios not calculated.

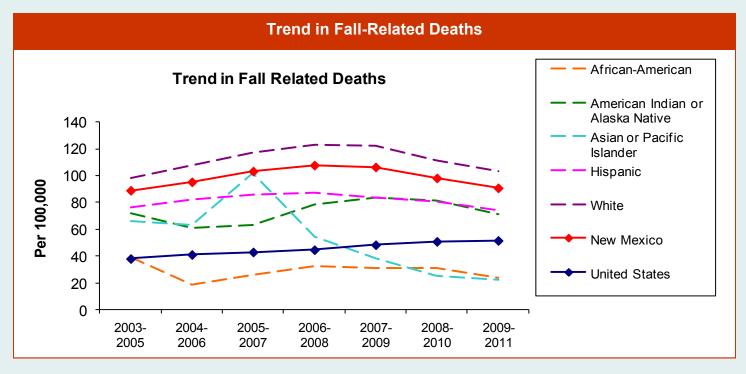


Motor Vehicle Death Rates Per 100,000 by Gender					
Population Total Female Male					
New Mexico 2009-2011	15.4	9.5	21.5		
<b>United States Final 2009</b> 11.7 6.8 16.8					

#### 15. Fall-Related Deaths (Adults Age 65+)

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African- American	*23.8	Not Enough Data	Not Enough Data
American Indian	70.9	1.0	Reference
Asian/Pacific Islanders	*22.6	Not Enough Data	Not Enough Data
Hispanic	74.4	1.0	Α
White	103.6	1.5	В

- Falls are the leading cause of injury deaths for adults age 65 and older.
- Whites have the highest rate of fall-related deaths.
- The New Mexico rate is high compared to the latest national rate.
- Women have higher rates than do men.
- \* Rate based on less than 20 events may fluctuate greatly from year to year, so no disparity ratio calculated.



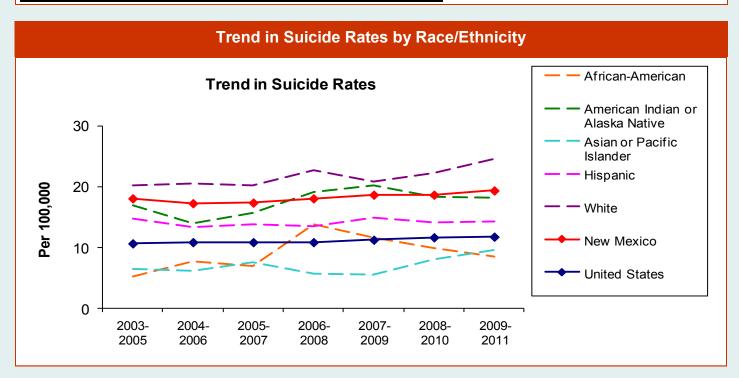
Fall Related DeathsRate Per 100,000 by Gender				
Population	Total	Female	Male	
New Mexico 2009-2011	90.8	95.3	85.4	
United States 2009	51.6	48.1	56.4	

#### 16. Suicide

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	*8.6	Not Enough Data	Not Enough Data
American Indian	18.2	1.3	Α
Asian/Pacific Islanders	*9.7	Not Enough Data	Not Enough Data
Hispanic	14.3	1.0	Reference Group
White	24.6	1.7	В

- The New Mexico rate is nearly 65% higher than the national rate.
- Whites have the highest rates but Hispanics and American Indians also have rates higher than the national rate.
- The male rate is more than three times the female rate.

<sup>\*</sup> Rate based on less than 20 events may fluctuate greatly from year to year, so no disparity ratio calculated.



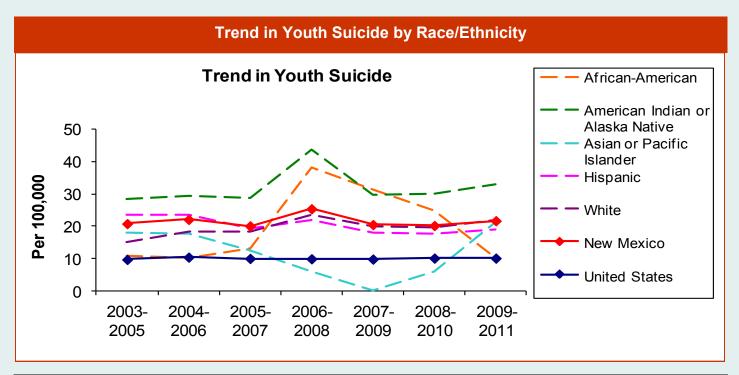
Suicide Rate Per 100,000 by Gender					
Population Total Female Male					
New Mexico 2009-2011	19.4	9.2	30.2		
United States Final 2009	United States Final 2009 11.8 4.9 19.2				

#### 17. Youth Suicide

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African- American	*10.1	Not Enough Data	Not Enough Data
American Indian	33.0	1.7	В
Asian/Pacific Islanders	*21.4	Not Enough Data	Not Enough Data
Hispanic	19.0	1.0	Reference
White	22.0	1.1	Α

- The New Mexico rate is more than double the United States rate.
- American Indian youth continue to have the highest rate.
- Male rates are 4 times the female rates.

<sup>\*</sup> Rate based on less than 20 events may fluctuate greatly from year to year, so no disparity ratios calculated.

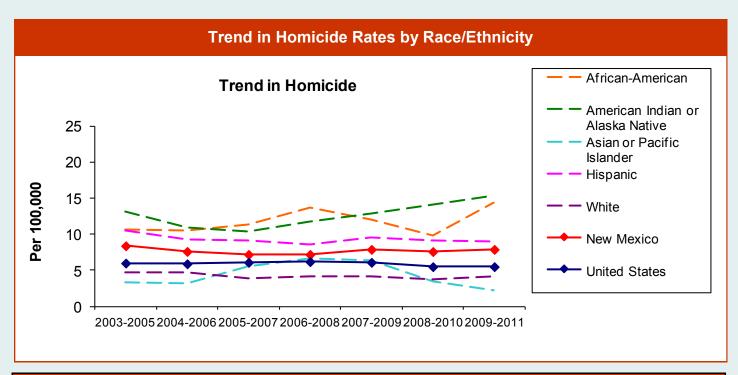


Youth Suicide Rate Per 100,000 by Gender						
Population Total Female Male						
New Mexico 2009-2011	21.7	8.5	34.2			
United States Final 2009	<b>Jnited States Final 2009</b> 10.1 3.7 16.2					

#### 18. Homicide

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	14.4	3.5	F
American Indian	15.4	3.8	F
Asian/Pacific Islanders	*2.2	Not Enough Data	Not Enough Data
Hispanic	9.0	2.2	С
White	4.1	1.0	Reference Group

- The New Mexico homicide rate is more than 43 % higher than the national rate.
- The American Indian rate is nearly 4 times the White rate.
- Hispanics also have rates double the White rate.
- Male rates are much higher than female rates
- \* Rate based on less than 20 events may fluctuate greatly from year to year, so no disparity ratio calculated.



Homicide Rate Per 100,000 by Gender					
Population Total Female Male					
New Mexico 2009-2011	7.9	3.2	12.5		
United States Final 2009	5.5	2.4	8.6		

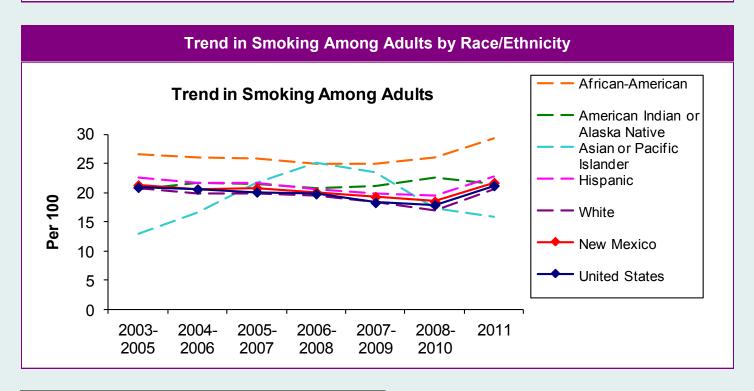
## 19. Smoking Among Adults

Race/Ethnicity	2011 Rate (per 100)	Disparity Ratio	Disparity Grade
African-American	29.3	1.9	В
American Indian	21.5	1.4	Α
Asian/Pacific Islanders	15.8	1.0	Reference Group
Hispanic	22.8	1.4	Α
White	20.5	1.3	Α

#### Note:

- People at or below the federal poverty level are more likely to smoke than are people above the poverty level.
- Men continue to be more likely than women to smoke.

Please note that changes to the weighting system and addition of cell phone interview preclude combining 2011 data with earlier years



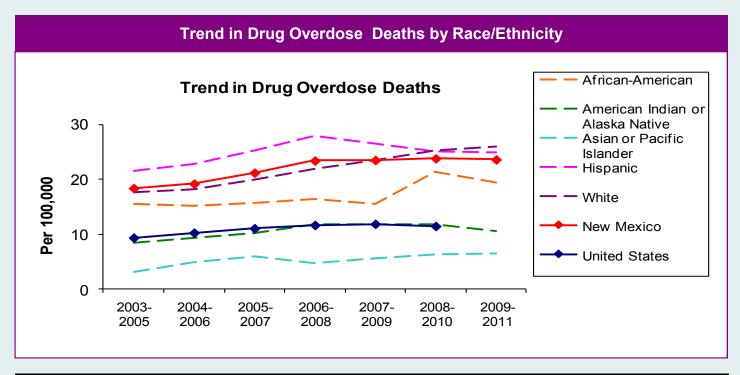
2011 New Mexico Rates Per 100 of Smoking by Poverty Level			
Poverty Level Percent			
Above Federal Poverty Level	15.3		
At or Below Federal Poverty Level	28.9		

Rates Per 100 of Smoking by Gender					
	Total Female Male				
New Mexico 2011	21.7	18.8	24.7		
U.S. 2011	21.2	18.8	23.6		

### 20. Drug Overdose Deaths

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	19.5	1.9	В
American Indian	10.5	1.0	Reference Group
Asian/Pacific Islanders	*6.6	Not Enough Data	Not Enough Data
Hispanic	24.9	2.4	С
White	26.0	2.5	D

- New Mexico's rates are twice that of the national rate.
- Deaths caused by prescription drugs continue to increase.
- In recent years the highest drug overdose deaths have been for Whites
- \* Rate based on less than 20 events may fluctuate greatly from year to year, so no disparity ratio calculated.

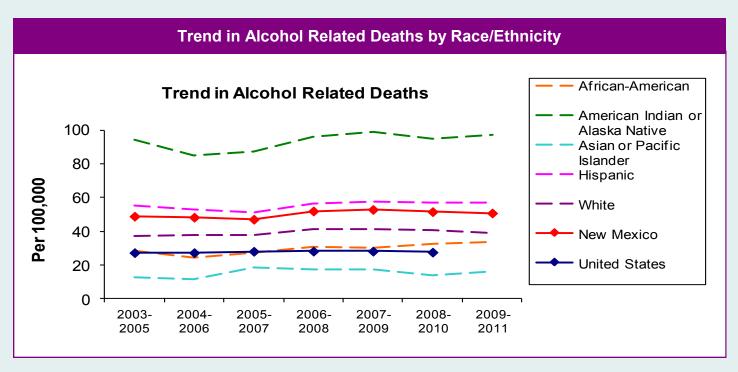


Drug Overdose Death Rates per 100,000 by Gender					
Population Total Female Male					
New Mexico 2009-2011	23.6	19.2	28.0		
United States 2009	11.5	8.6	14.2		

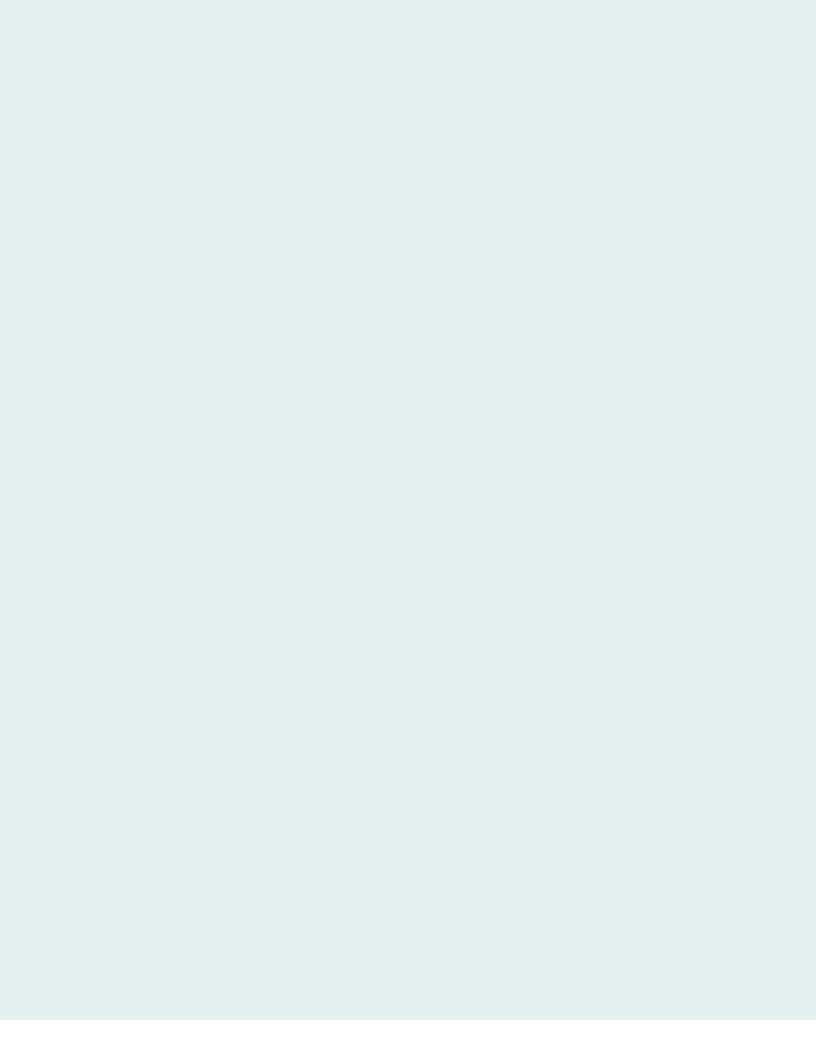
#### 21. Alcohol Related Deaths

Race/Ethnicity	2009-2011 Rate (per 100,000)	Disparity Ratio	Disparity Grade
African-American	33.5	1.0	Reference Group
American Indian	97.3	2.9	D
Asian/Pacific Islanders	*16.3	Not Enough Data	Not Enough Data
Hispanic	56.9	1.7	В
White	38.7	1.2	Α

- New Mexico alcoholrelated death rates remain high.
- American Indians continue to have an alcohol-related death rate substantially above the rates for other populations.
- Male rates are more than double female rates.
- \* Rate based on less than 20 events and may fluctuate greatly from year to year so disparity ratio not calculated.



Alcohol Related Death Rates by Gender								
Population	Total	Female	Male					
New Mexico 2009-2011	50.8	29.6	73.3					
United States (2009)	27.6	15.1	41.2					



## **Change in Disparity**

A disparity change score is the difference in the relative disparity of two sub-populations between two time periods. It is based on the fact that a relative disparity equal to one means there is no disparity between the sub-populations. The higher the disparity change score, the greater the change. The index of disparity is the average of differences from the best rate. It provides a way to determine whether the disparity between several groups is getting larger or smaller relative to the best group rate.

#### **MOTHER AND CHILD HEALTH**

	Prenatal Care/Late or No Care								
	2003	2003-2005		9-2011					
Racial/Ethnic Group	Rate per 100	Disparity Ratio	Rate per 100	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease			
African-American	30.9	1.4	33.0	1.3	-0.1	Decrease			
American Indian	40.6	1.8	45.3	1.8	0.0	No Change			
Asian/Pacific Islander	22.5	1.0	25.1	1.0	0.0	No change			
Hispanic	32.5	1.4	32.5	1.3	-0.1	Decrease			
White	22.7	1.0	25.8	1.0	0.0	No Change			
Index of Disparity	54		36		-18	Decrease			

Infant Mortality									
	2003	2003-2005		9-2011					
Racial/Ethnic Group	Rate per 1,000	Disparity Ratio	Rate per 1,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease			
African-American	14.7	2.7	14.0	3.6	0.9	Increase			
American Indian	8.4	1.6	6.3	1.6	0.0	No Change			
Asian/Pacific Islander	1.6*	*	6.4	*	Not Enough Data				
Hispanic	5.4	1.0	5.4	1.4	0.4	Increase			
White	5.4	1.0	3.9	1.0	0.0	No Change			
Index of Disparity	114		120		6	Increase			

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

## **Change in Disparity**

A disparity change score is the difference in the relative disparity of two sub-populations between two time periods. It is based on the fact that a relative disparity equal to one means there is no disparity between the sub-populations. The higher the disparity change score, the greater the change. The index of disparity is the average of differences from the best rate. It provides a way to determine whether the disparity between several groups is getting larger or smaller relative to the best group rate.

#### MOTHER AND CHILD HEALTH

	Prenatal Care/Late or No Care								
	2003	2003-2005		3-2010					
Racial/Ethnic Group	Rate per 100	Disparity Ratio	Rate per 100	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease			
African-American	30.9	1.4	33.6	1.3	-0.1	Decrease			
American Indian	40.6	1.8	46.2	1.8	0.0	No Change			
Asian/Pacific Islander	22.5	1.0	30.9	1.2	0.2	Increase			
Hispanic	32.5	1.4	33.9	1.3	-0.1	Decrease			
White	22.7	1.0	26.3	1.0	0.0	No Change			
Index of Disparity	54		38		-16	Decrease			

	Infant Mortality									
	2003	-2005	2008	3-2010						
Racial/Ethnic Group	Rate per 1,000	Disparity Ratio	Rate per 1,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	14.7	2.7	11.4	2.7	0.0	No Change				
American Indian	8.4	1.6	5.4	1.3	-0.3	Decrease				
Asian/Pacific Islander	1.6*	*	4.5	*	Not Enough Data					
Hispanic	5.4	1.0	5.5	1.3	0.3	Increase				
White	5.4	1.0	4.3	1.0	0.0	No Change				
Index of Disparity	114		55		-59	Decrease				

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

	Teen Births									
	2006	-2008*	2009-2011							
Racial/Ethnic Group	Rate per 1,000	Disparity Ratio	Rate per 1,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	19.7	2.1	25.7	2.7	0.6	Increase				
American Indian	30.3	3.3	30.0	3.5	0.2	Increase				
Asian/Pacific Islander	9.2	1.0	8.5	1.0	0.0	No Change				
Hispanic	49.6	5.4	41.7	4.9	-0.5	Decrease				
White	12.9	1.4	11.6	1.4	0.0	No Change				
Index of Disparity	206		211		5	Increase				

<sup>\*</sup> Reference group changed from Whites to Asian/Pacific Islander in 2006-2008 so disparity change measured between only these time periods

	2003	3-2005	2	011		
Racial/Ethnic Group	Rate per 100	Disparity Ratio	Rate per 100	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease
African-American	*	*	*	*	Not Enough Data	
American Indian	37	1.0	49.4	1.0	0.0	No Change
Asian/Pacific Islander	*	*	*	*	Not Enough Data	
Hispanic	56.4	1.5	59.3	1.2	-0.3	Decrease
White	52.8	1.4	55.7	1.1	-0.3	Decrease
Index of Disparity	48		16		-32	Decrease

	Diabetes Deaths								
	2003	3-2005	2009	)-2011					
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease			
African-American	45.9	2.0	38.2	2.0	0.0	No Change			
American Indian	71.8	3.1	64.0	3.4	0.3	Increase			
Asian/Pacific Islander	29.5	*	22.4	*	Not Enough Data				
Hispanic	48.2	2.1	38.4	2.1	0.0	No Change			
White	22.9	1.0	18.7	1.0	0.0	No Change			
Index of Disparity	141		150		9	Increase			
* Rate	e based or	n less than 2	20 events,	so no dispa	rity ratio calculated.				

	Obesity Among Adults									
	2003	3-2005	2	011						
Racial/Ethnic Group	Rate per 100	Disparity Ratio	Rate per 100	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	37.6	3.6	23.9	4.5	0.9	Increase				
American Indian	28	2.7	35.3	6.7	4.0	Increase				
Asian/Pacific Islander	10.5	1.0	5.3	1.0	0.0	No Change				
Hispanic	24.6	2.3	29.9	5.6	3.3	Increase				
White	17.7	1.7	22.6	4.3	2.6	Increase				
Index of Disparity	157		426		269	Increase				

	Obesity Among Youth									
	20	003	2	011						
Racial/Ethnic Group	Rate per 100	Disparity Ratio	Rate per 100	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	13.2	1.6	12.0	1.3	-0.3	Decrease				
American Indian	17.4	2.1	21.3	2.2	0.1	Increase				
Asian/Pacific Islander	8.8	1.1	14.6	1.5	0.2	Increase				
Hispanic	12.9	1.6	11.3	1.2	-0.4	Decrease				
White	8.2	1.0	9.5	1.0	0.0	No Change				
Index of Disparity	59		56		-3	Decrease				

	Not Had Pneumonia Vaccination								
	2003	-2005	2	2011					
Racial/Ethnic Group	Rate per 100	Disparity Ratio	Rate per 100	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease			
African-American	51.2	1.7	*	*	Not Enough Data				
American Indian	58.8	1.9	34.3	1.3	-0.6	Decrease			
Asian/Pacific Islander	31.8	1.0	*	*	Not Enough Data				
Hispanic	46.5	1.5	35.5	1.3	-0.2	Decrease			
White	30.9	1.0	29.8	1.0	0.0	No Change			
Index of Disparity	52		31		-21	Decrease			
* Su	* Survey results based on less than 50 interviews are not reported.								

**Pneumonia and Influenza Deaths** 2003-2005 2009-2011 **Disparity Change** Rate Rate **Disparity** Racial/Ethnic **Disparity Using Disparity** Increase or per **Disparity** per **Change Score** 100,000 100,000 Group **Ratio Ratio Decrease** African-American 22.4 7.3 Not Enough Data American Indian 33.7 2.0 34.1 2.5 0.5 Increase Asian/Pacific 5.5 18.4 Not Enough Data 1.1 1.1 No Change Hispanic 18.6 15.9 0.0 No Change White 16.5 1.0 1.0 0.0 13.6 Index of Disparity 51 31 82 Increase \* Rate based on less than 20 events, so no disparity ratio calculated.

	Chlamydia (Females 15-24 Year Olds)									
	2004	-2006	2009	-2011						
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	3,167.8	1.4	2203.8	1.6	0.2	Increase				
American Indian	2,621.6	1.2	3296.1	2.3	1.2	Increase				
Asian/Pacific Islander	293.1	*	193.6	*	Not enough data					
Hispanic	3,828.5	1.7	3582.8	2.6	0.9	Decrease				
White	2,249.3	1.0	1403.1	1.0	0.0	Increase				
Index of Disparity	43		116		73	Increase				

<sup>\*</sup> Rate based on less than 20 events so reference group changed for 2009-2011 from Asians to Whites.

	Hepatitis B (Acute and Chronic)										
	2003	3-2005	2009	9-2011							
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease					
African-American	7.9	*	11.4	4.7	Not Enough Data						
American Indian	3.3	*	1.5	*	Not Enough Data						
Asian/Pacific Islanders	110.7	31.5	122.6	50.0	18.5	Increase					
Hispanic	3.5	1.0	2.5	1.0	0.0	No Change					
White	5.9	1.7	3.3	1.3	-0.4	Decrease					
Index of Disparity	1566		1767		201	Increase					

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

HIV/AIDS										
	2003	-2005	2009-2011							
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	9.7	*	17.7	4.0	**					
American Indian	5.2	1.0	11.0	2.5	1.4	Increase				
Asian/Pacific Islander	1.2	*	1.7	*	Not Enough Data					
Hispanic	8.4	1.6	8.2	1.9	0.3	Increase				
White	5.2	1.0	4.4	1.0	0.0	No Change				
Index of Disparity	31		180		149	Increase				

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

Pertussis (Whooping Cough)										
	2003	3-2005	2009	9-2011						
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	0.7	1.0	3.0	1.0	0.0	No Change				
American Indian	4.9	7.0	7.4	2.5	-4.5	Decrease				
Asian/Pacific Islander	2	2.9	5.6	1.9	1.0	Decrease				
Hispanic	7.8	11.1	3.3	1.0	-10.1	Decrease				
White	8.1	11.6	1.8	1.0	-10.6	Decrease				
Index of Disparity	63		136		73	Increase				

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

<sup>\*\*</sup> Not enough cases in earlier period to compare disparity.

	Motor Vehicle Deaths										
	2003	3-2005	2009	-2011							
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease					
African-American	8.6	*	8.6	*	Not Enough Data						
American Indian	47.5	2.8	26.2	2.1	-0.5	Decrease					
Asian/Pacific Islander	*	*	8.9	*	Not Enough Data						
Hispanic	23	1.4	16.2	1.3	-0.1	Decrease					
White	16.8	1.0	12.2	1.0	0.0	No Change					
Index of Disparity	220		74		-146	Decrease					
* Dot	* Date based on less than 20 events, so no disparity ratio calculated										

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

Elderly Fall-Related Deaths										
	2003	-2005	2009	-2011						
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	39.2	*	23.8	*	Not Enough Data					
American Indian	72.1	1.0	70.9	1.0	0.0	No Change				
Asian/Pacific Islander	66.3	*	22.6	*	Not Enough Data					
Hispanic	76.3	1.1	74.4	1.0	-0.1	Decrease				
White	98.3	1.4	103.6	1.5	0.1	Increase				
Index of Disparity	21		26		5	Increase				

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

Suicide										
	2003	3-2005	2009	-2011						
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	5.2	*	8.6	*	Not Enough Data					
American Indian	16.9	1.1	18.2	1.3	0.2	Increase				
Asian/Pacific Islander	6.5	*	9.7	*	Not Enough Data					
Hispanic	14.7	1.0	14.3	1.0	0.0	No Change				
White	20.2	1.4	24.6	1.7	0.3	Increase				
Index of Disparity	26		50		24	Increase				
* Rate based on less than 20 events, so no disparity ratio calculated.										

Youth Suicide										
	2003	3-2005	2009-2011							
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	10.7	*	10.1	*	Not Enough Data					
American Indian	28.4	1.9	33.0	1.7	-0.2	Decrease				
Asian/Pacific Islander	18.1	*	21.4	*	Not Enough Data					
Hispanic	23.6	1.6	19.0	1.0	-0.6	Decrease				
White	15.1	1.0	22.0	1.1	0.1	Increase				
Index of Disparity	72		45		-27	Decrease				

\* Rate based on less than 20 events, so no disparity ratio calculated.

Homicide										
2003	-2005	2009-2	2011							
Rate per 100	Disparity Ratio	Rate per 100	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease					
10.7	*	14.4	3.5	Not Enough Data						
13.1	2.8	15.4	3.8	1.0	Increase					
3.3	*	2,2	*	Not Enough Data						
10.5	2.2	9.0	2.2	0.0	No Change					
4.7	1.0	4.1	1.0	0.0	No Change					
151		215		64	Increase					
	Rate per 100  10.7  13.1  3.3  10.5  4.7	100     Ratio       10.7     *       13.1     2.8       3.3     *       10.5     2.2       4.7     1.0	2003-2005         2009-2009-2009-2009-2009-2009-2009-2009	2003-2005       2009-2011         Rate per 100       Disparity Ratio       Rate per 100       Disparity Ratio         10.7       *       14.4       3.5         13.1       2.8       15.4       3.8         3.3       *       2,2       *         10.5       2.2       9.0       2.2         4.7       1.0       4.1       1.0	2003-2005         2009-2011           Rate per 100         Disparity Ratio         Rate per 100         Disparity Ratio         Disparity Change Using Disparity Change Score           10.7         *         14.4         3.5         Not Enough Data           13.1         2.8         15.4         3.8         1.0           3.3         *         2,2         *         Not Enough Data           10.5         2.2         9.0         2.2         0.0           4.7         1.0         4.1         1.0         0.0					

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio or disparity change calculated

	Smoking Among Adults										
	2003-	2005	2011								
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease					
African-American	26.5	2.0	29.3	1.9	-0.1	Decrease					
American Indian	20.5	1.6	21.5	1.4	-0.2	Decrease					
Asian/Pacific Islander	13.0	1.0	15.8	1.0	0.0	No Change					
Hispanic	22.5	1.7	22.8	1.4	-0.3	Decrease					
White	20.7	1.6	20.5	1.3	-0.3	Decrease					
Index of Disparity	73		49		-24	Decrease					

Drug Overdose Deaths										
	2003	-2005	2009	9-2011						
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	15.6	*	19.5	1.9	Not Enough Data					
American Indian	8.4	1.0	10.5	1.0	0.0	No Change				
Asian/Pacific Islander	3.1	*	6.6	*	Not Enough Data					
Hispanic	21.5	2.6	24.9	2.4	-0.2	Decrease				
White	17.7	2.1	26.0	2.5	0.4	Increase				
Index of Disparity	133		123		-10	Decrease				

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.

Alcohol-Related Deaths										
	2003	-2005	2009	9-2011						
Racial/Ethnic Group	Rate per 100,000	Disparity Ratio	Rate per 100,000	Disparity Ratio	Disparity Change Using Disparity Change Score	Disparity Increase or Decrease				
African-American	35.4	1.0	33.5	1.0	0.0	No Change				
American Indian	106.6	3.0	97.3	2.9	-0.1	Decrease				
Asian/Pacific Islander	20.3	*	16.3	*	Not Enough Data					
Hispanic	62.8	1.8	56.9	1.7	-0.1	Decrease				
White	45.3	1.3	38.7	1.2	-0.1	Decrease				
Index of Disparity	102		92		-10	Decrease				

<sup>\*</sup> Rate based on less than 20 events, so no disparity ratio calculated.



New Mexico Department of Health
Office of Health Equity
Office of Policy and Accountability
1190 S. St. Francis Dr., S4253
Santa Fe, New Mexico 87502
Phone: 827-1052 FAX: 827-2942