

# Mono County BMI Data 2009



Physical Fitness Testing for 5<sup>th</sup>, 7<sup>th</sup>, and 9<sup>th</sup> Graders  
Prepared by Sandra Pearce, PHN and Lianne Salcido  
Mono County Health Department  
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## The Data

- The data used in this report is collected from the California Physical Fitness Test and analyzed by Educational Data Systems.
- Students in grades 5, 7, and 9 are tested annually.
- Student body composition may be tested in 1 of 3 ways; Skinfold Measurements, Body Mass Index (BMI), or Percent Body Fat.
- Not all schools collect body composition data as BMI, so data is incomplete for some grades and/or years. Missing data is noted on each slide.
- For comparing overweight and obesity rates for years to come it is recommended that all schools in Mono County collect body composition data as BMI rather than Skinfold Measurements or Percent Body Fat.

## Data... Continued

- Data from MUSD, ESUSD, and MCOE is combined for Mono County averages.
- Data for all races/ethnicities and for MCOE is not graphed separately due to the small numbers of students tested.
- MUSD and ESUSD missing data includes:
  - 2009:
    - Coleville High School (CHS)
    - Antelope Valley Elementary School (AVES) 5<sup>th</sup> & 7<sup>th</sup> grade
  - 2006:
    - Mammoth Middle School (MMS)
- Missing data may skew results for specific grades, districts, and the County.

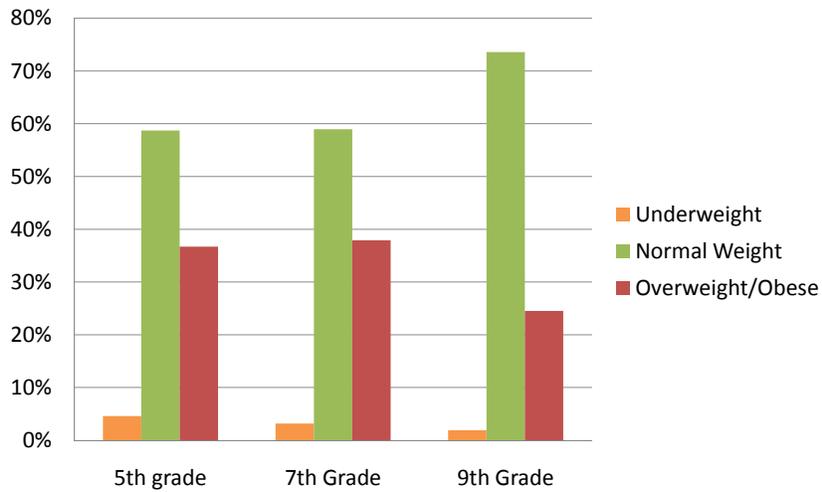


### Data Summary & Trends



- Rates of overweight/obese are lower in 9<sup>th</sup> grade than in 5<sup>th</sup> or 7<sup>th</sup> grade. This defies the normal curve that obesity rates continue to rise as children become older.
- Overweight/obese rates are higher for students in ESUSD than MUSD.
  - More than half of 5<sup>th</sup> and 7<sup>th</sup> grade students in ESUSD are overweight or obese.
  - 100% of females in the 7<sup>th</sup> grade in ESUSD are overweight or obese.
  - 80% of Hispanic students in ESUSD are overweight or obese in 5<sup>th</sup> grade, and 60% are in the 7<sup>th</sup> and 9<sup>th</sup> grades.
- Rates of overweight/obese are higher for Hispanic students than for White non-Hispanic students.
- The rate of overweight/obese is higher in 2007-2009 than in 2004-2006 for 5<sup>th</sup> graders, but lower for 9<sup>th</sup> graders.

## 2009 Weight Distribution All Mono County Schools



\* No BMI data for CHS and AVES

## 2009 Weight Distribution

### Mammoth Unified School District



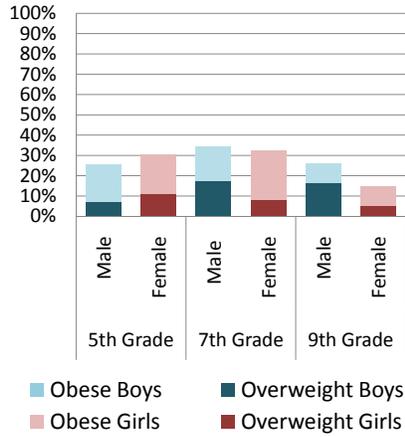
### Eastern Sierra Unified School District



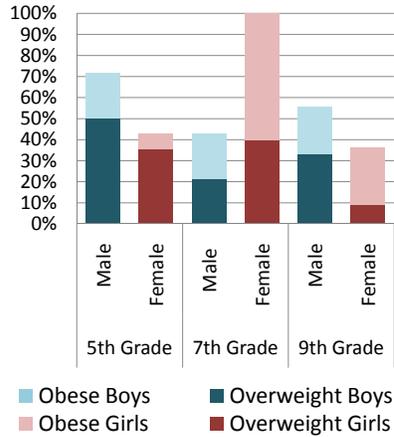
\* No BMI data for CHS and AVES

## 2009 Overweight & Obese by Sex

### Mammoth Unified School District



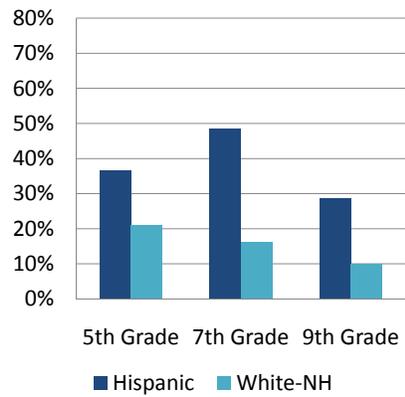
### Eastern Sierra Unified School District



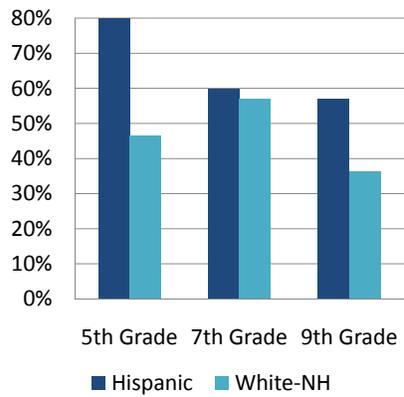
\* No BMI data for CHS and AVES

## 2009 Overweight/Obese by Ethnicity

### Mammoth Unified School District

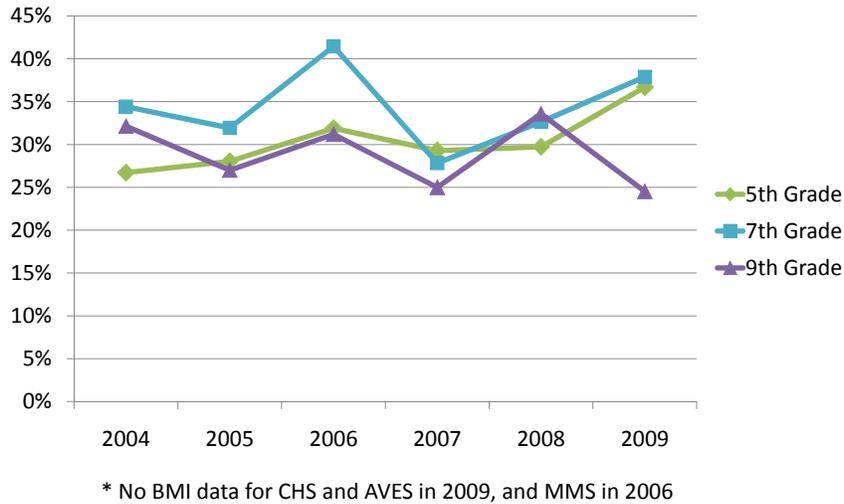


### Eastern Sierra Unified School District

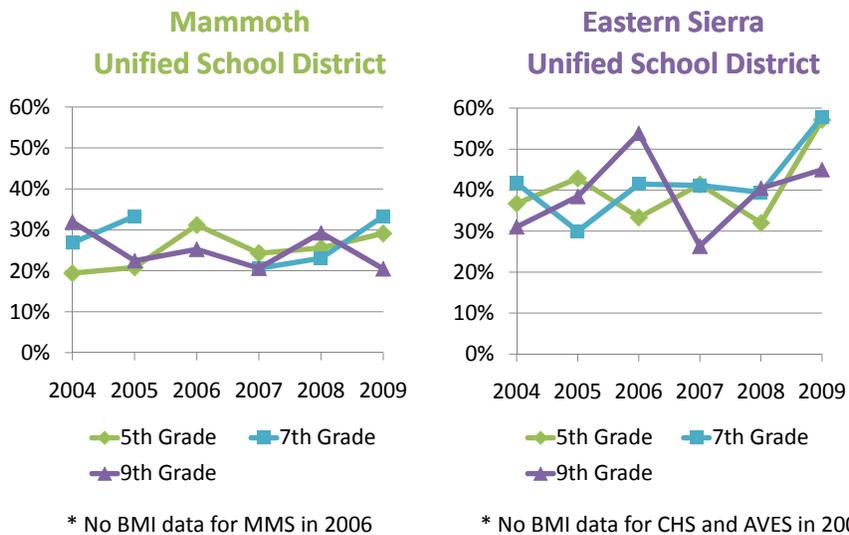


\* No BMI data for CHS and AVES

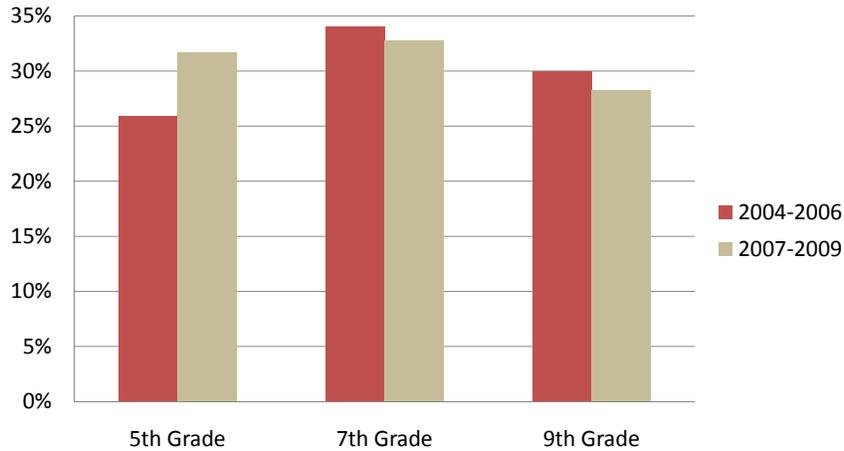
## 2004-2009 Overweight/Obese Students All Mono County Schools



## 2004-2009 Overweight/Obese Students



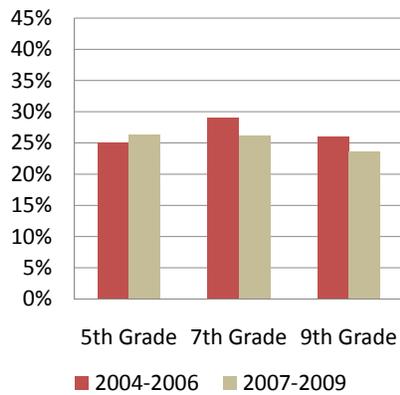
## 2004-2009 Overweight/Obese Students All Mono County Schools



\* No BMI data for CHS and AVES in 2009, and MMS in 2006

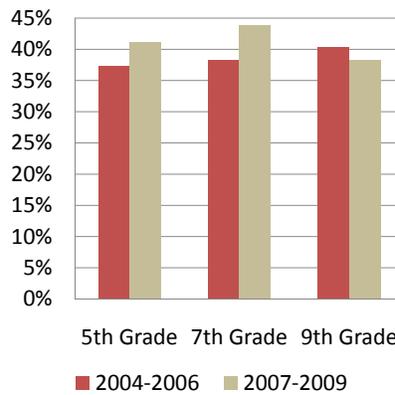
## 2004-2009 Overweight/Obese Students

### Mammoth Unified School District



\* No BMI data for MMS in 2006

### Eastern Sierra Unified School District



\* No BMI data for CHS and AVES in 2009