



BMI DATA COLLECTION IN NEVADA SCHOOL DISTRICTS

Chronic Disease Prevention and Health Promotion

Obesity Prevention Program

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BMI DATA COLLECTION STATUS

- Only 2 of the 17 school districts in NV are collecting BMI data
 - Washoe County & Clark County
- In these two counties approx. 10,500+ students participated in 2011-2012
- Data is only being collected from a representative sample of students enrolled in grades 4th, 7th and 10th
- School Nurses are not well versed in data collection
- There are 370.43 School Nurses in Nevada (combined for all 17 counties)

BMI DATA COLLECTION BARRIERS

- Time consuming
- Parents are not happy with this data collection- no information received
- No necessary equipment is provided
- No impact- No benefit from collecting data
- Lead staff
- Lack of trainings for staff

Source: Interviews from various community stakeholders



BMI DATA COLLECTION ESTIMATE COSTS

- **Standardized Equipment**

- Detecto 439 Eye Level Physician Scale with Height Rod – Pounds

- **Cost per item:**

- \$199.00

- **Number of Schools in NV:**

- 646

- **Total:\$128,554.00**



ESTIMATE COSTS CONT.

■ Time Compensation

- 17,391 students participated in 11 NV counties in 2011-2012
 - 370.43 total School Nurses in all 17 counties
 - Average Yearly Salary for a school nurse: \$44,636.00
 - Average time is between 5-10 minutes for data collection & entry
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- Total for 10 mins. per student:\$87,998
 - Total for 5 mins. per student:\$43,999
 - Average between the two: \$65,999



ESTIMATE COSTS CONT.

■ Trainings

- 17 School Districts
- Allotted 2 trainings per district
- Cost per training (high end): \$1,500.00
- Includes: Speaker/Trainer, CEU Credits/incentives, Space/facility

■ **Total: \$51,000**

■ Materials

- Number of materials per house: 1
- Number of households: 17,391 (# of students that participated in 2011-2012)
- Cost per material: \$0.05
- Letter home to parents explaining reasoning, importance, etc.

■ **Total: \$870**



BUDGET SUMMARY

- **Standardized equipment: \$128,554**
 - (one time cost)
- **Time compensation: \$65,999**
 - (yearly cost)
- **Trainings: \$51,000**
 - (as needed)
- **Materials: \$870**
 - (yearly cost)

- **Grand Total: \$246,423**



SUPPORTING BMI DATA COLLECTION

- According to the National Association of School Nurses (NASN).. “It is the position of NASN that the registered professional school nurse has the knowledge and expertise to promote the prevention of overweight and obesity and address the needs of overweight and obese youth in schools. The school nurse collaborates with students, families, school personnel, and health care providers to promote healthy weight and identify overweight and obese youth who may be at risk for health problems.”

Source: <https://www.nasn.org/PolicyAdvocacy/PositionPapersandReports/NASNPositionStatementsFullView/tabid/462/smId/824/ArticleID/39/Default.aspx>



SUPPORTING BMI DATA COLLECTION

- According to the Centers for Disease Control and Prevention (CDC).. “BMI is a reliable indicator of body fatness for most children and teens. BMI is an inexpensive and easy-to-perform method of screening for weight categories that may lead to health problems.”

STATE BENEFITS

- Helps to identify current status of obesity in NV youth
- Data helps to support future funding opportunities
- Provides identification and justification on where programming & outreach is needed
- Helps to identify where we have gaps in NV
- Most cost effective – budget constraints



ACTION STEPS

- Letter of support to expand BMI data collection
- Identify grant funding opportunities
- Ensure Washoe County School District, Clark County School District and Elko County School District are on board



QUESTIONS

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