

Wyoming's 2010 Lead Health Education Teacher Results



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Dr. Jim McBride
Superintendent of Public Instruction
Wyoming Department of Education

October 01, 2010

Dear Youth Advocates:

It is evident that if students are to master Wyoming academic standards and reach their full potential as productive citizens, we must work to reduce risk behaviors and help students make positive life choices. Schools and government agencies cannot resolve these problems alone. To bring about a meaningful and lasting change, parents, communities, schools and local/state governments must form partnerships and work together for our youth. It is my hope that the information contained in this report will be useful in planning a healthy future for Wyoming.

Sincerely,



Jim McBride, Ed.D.
Superintendent of Public Instruction



Wyoming Department of Education
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RESULTS OF THE 2010 SCHOOL HEALTH PROFILES LEAD HEALTH EDUCATION TEACHER SURVEY

Prepared for

The Wyoming Department of Education

Dr. Jim McBride

Superintendent of Public Instruction

By

Nathaniel Castellanos, Project Analyst

October 2010

This summary document, the 2010 SCHOOL HEALTH PROFILES LEAD HEALTH EDUCATION TEACHER SURVEY report, and detailed tables and graphs can be found at the Wyoming Department of Education's web site at www.k12.wy.us. For additional hard copies or for further information, contact the Wyoming Department of Education at (307) 777-6391.

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Acknowledgements

The 2010 SCHOOL HEALTH PROFILES LEAD HEALTH EDUCATION TEACHER SURVEY (Profiles) was developed by the Division of Adolescent and School Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention in collaboration with the Wyoming Department of Education and representatives of state, local, and territorial departments of health and education. The format and layout of this report includes design elements adapted from other Profiles reports.

We credit the success of the 2010 Profiles survey to the many individuals who worked with us throughout the survey process; including school district superintendents, principals, teachers and school health personnel.

We thank Dr. Jim McBride, Superintendent of Public Instruction for his full support of this project and to the many Department of Education personnel who made contributions to different aspects of the project.

Thank you again to everyone who assisted us with this project. Without your help, the 2010 Profiles survey would not have been a success!

Nathaniel Castellanos, Project Analyst

PROFILES INTRODUCTION

School Health Profiles

What is the School Health Profiles?

The School Health Profiles (Profiles) is a system of surveys assessing school health policies and programs in states and large urban school districts. Profiles surveys are conducted biennially by state and local education and health agencies among middle and high school principals and lead health education teachers. Profiles will monitor the current status of:

- School health education requirements and content
- Physical education requirements
- Health services
- Nutrition-related policies and practices
- Family and community involvement in school health programs

Profiles can also monitor school health policies on HIV and AIDS prevention, tobacco-use prevention, violence prevention, physical activity, professional preparation and staff development for lead health education teachers.

How are Profiles data used?

State and local education and health officials use Profiles data to:

- Compare school health policies and programs across states and large urban school districts
- Advocate for required health education
- Identify health education topics and skills that are taught
- Identify topics for staff development
- Improve school health programs and policies
- Determine how well schools address the health and safety needs of their students

How do states and school districts use their Profiles data?

The data can be used to provide students with a planned, chronological set of courses that addresses the physical, mental, emotional, and social magnitude of health. So, the core curriculum is designed to encourage and support students to maintain and improve their health, prevent disease, and reduce health-related risk behaviors. This may allow students to develop and demonstrate increasingly sophisticated health-related knowledge, attitudes, skills, and practices.

Family and community involvement

Provides an integrated school, parent, and community approach for enhancing the health and well-being of students.

Wyoming

2010 School Health Profiles

Survey Results

Background

The School Health Profiles (Profiles) assist states and local education and health agencies in monitoring and assessing characteristics of school health education; physical education; school health policies related to HIV infection/AIDS, tobacco-use prevention, and nutrition; asthma management activities; and family and community involvement in school health programs. Data from Profiles can be used to improve school health programs.

Two questionnaires are used to collect data — one for school principals and one for lead health education teachers. The two questionnaires were mailed to 153 regular secondary public schools containing any of grades 6 through 12 in Wyoming during the spring of 2010. Usable questionnaires were received from 86% of principals and from 75% of teachers. Because the response rates for these surveys were $\geq 70\%$, the results are weighted and are representative of all regular public secondary schools in Wyoming having at least one of grades 6 through 12. Results from the principal and lead health education surveys are presented for the following types of schools in Wyoming:

- High schools with a low grade of 9 or higher and a high grade of 10 or higher;
- Middle schools with a high grade of 9 or lower;
- Junior/senior high schools with a low grade of 8 or less and a high grade of 10 or higher; and
- All schools.

The Profiles questionnaires were developed by the Division of Adolescent and School Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention in collaboration with representatives of state, local, and territorial departments of health and education.

2010 SCHOOL HEALTH PROFILES

SAMPLE DESCRIPTION AND WEIGHTING PROCEDURES LEAD HEALTH EDUCATION TEACHER SURVEY

SAMPLE DESCRIPTION:

A census of all regular secondary public schools having at least one of the grades 6 through 12 was conducted. The principal or his/her designee was surveyed in each participating school.

RESPONSE RATE:

75% - 115 out of 153 sampled eligible lead health education teachers returned questionnaires. All questionnaires were usable after data editing.

WEIGHTING:

A weight has been associated with each questionnaire to reflect the likelihood of a principal being selected and to reduce bias by compensating for differing patterns of nonresponse. The weight used for estimation is given by:

$$W = W_1 * f_1$$

W_1 = inverse of the probability of school selection (=1).

f_1 = a nonresponse adjustment factor calculated by school size (large, medium, or small) and school level (senior high school, middle school, or junior/senior high school combined).

USE OF THE RESULTS:

The weighted results can be used to describe school health policies and practices of all regular secondary public schools in Wyoming having at least one of grades 6 through 12.

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

1. Percentage of schools in which students take the following number of required health education courses in grades 6 through 12.

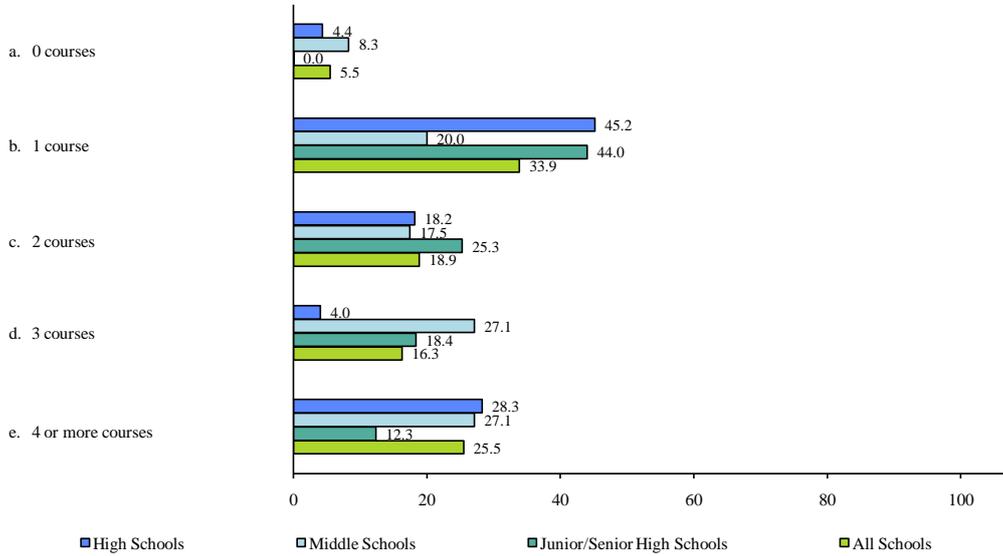
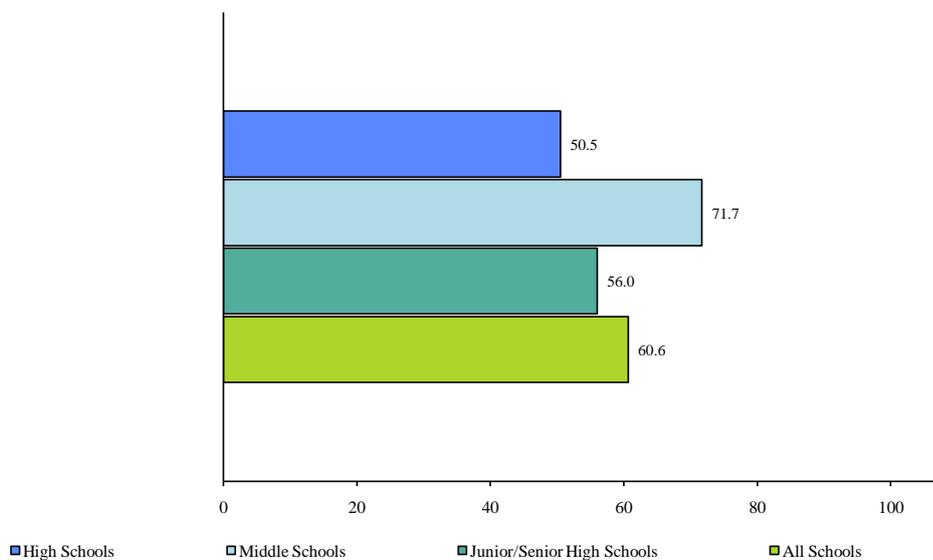


Chart 1 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

1N. Percentage of schools that require students to take two or more health education courses.*

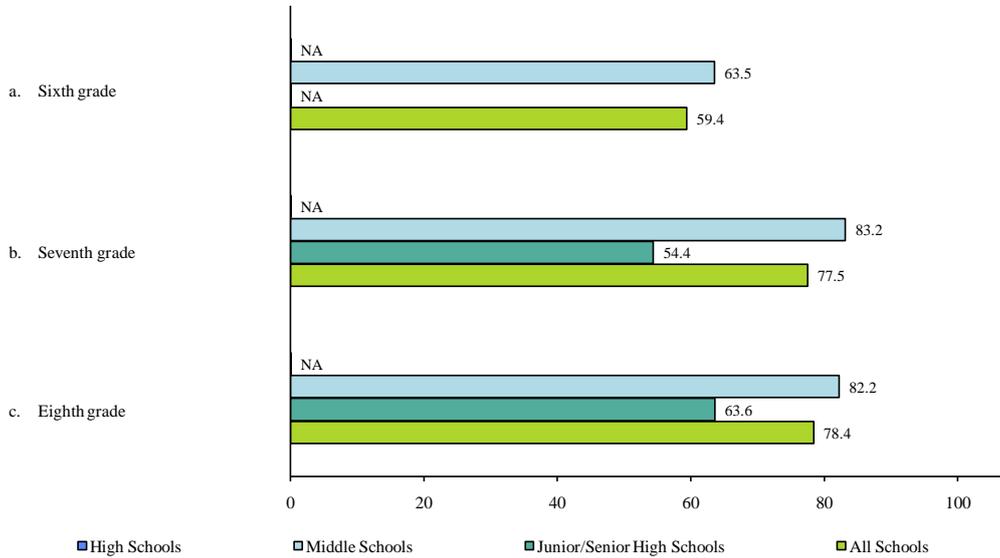


*Response to question 1 is c, d, or e.

Chart 2 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

2. Percentage of schools that taught a required health education course in each of the following grades.*

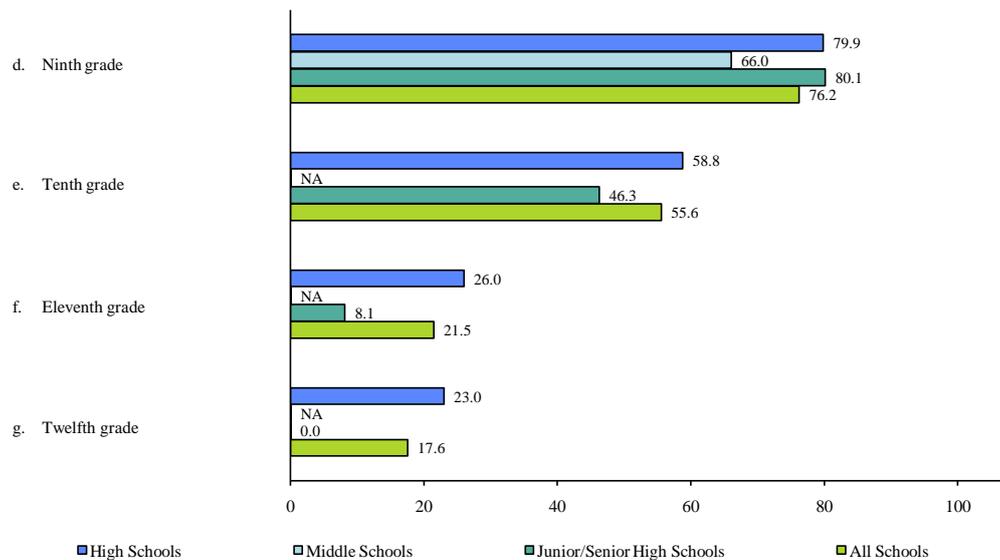


*Among schools with students in that grade.
 NA = Not available

Chart 3 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

2. Percentage of schools that taught a required health education course in each of the following grades.*

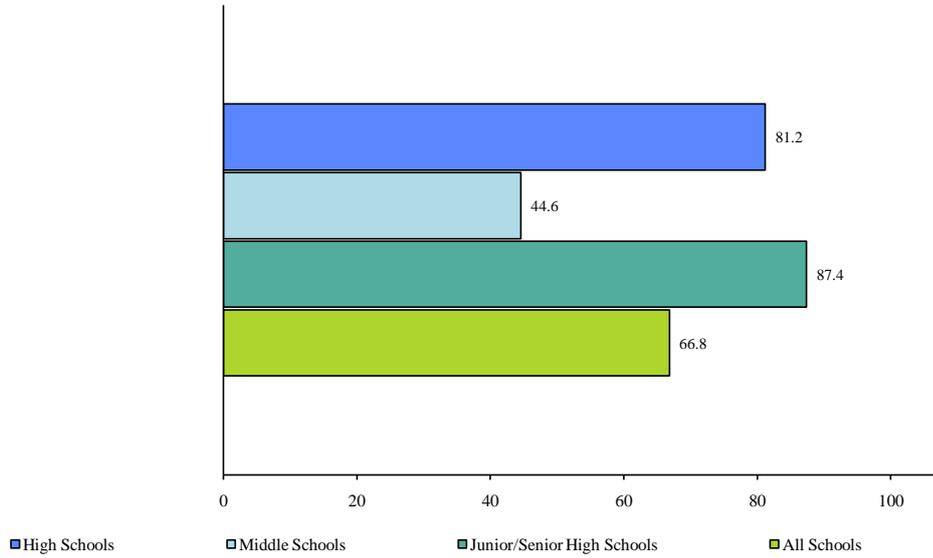


*Among schools with students in that grade.
 NA = Not available

Chart 4 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

3. Percentage of schools that require students who fail a required health education course to repeat it.*



*Among those schools in which students take one or more required health education courses in any of grades 6 through 12.

Chart 5 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

4. Percentage of schools in which those who teach health education are provided with the following materials.

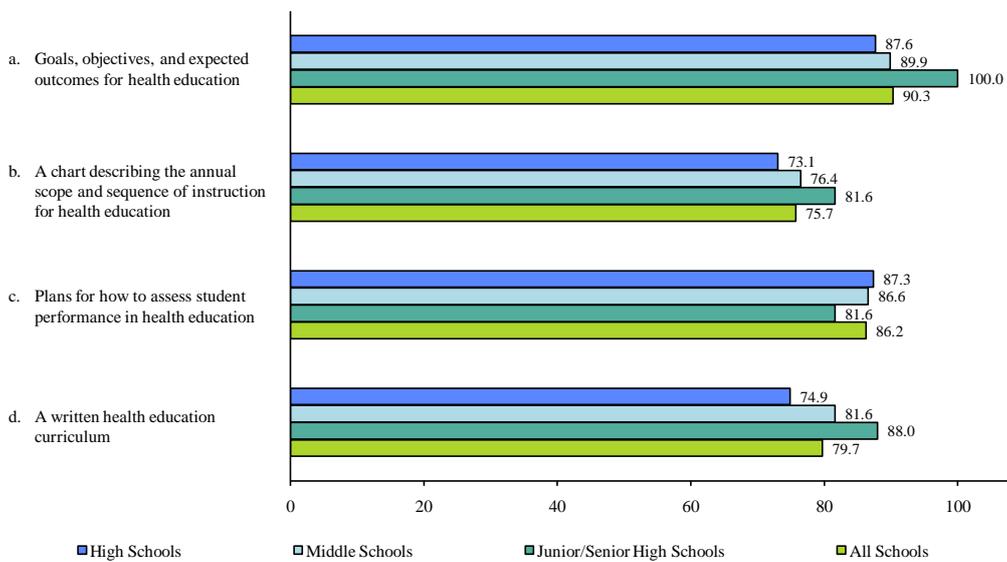


Chart 6 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

5. Percentage of schools in which the health education curriculum addresses each of the following skills.

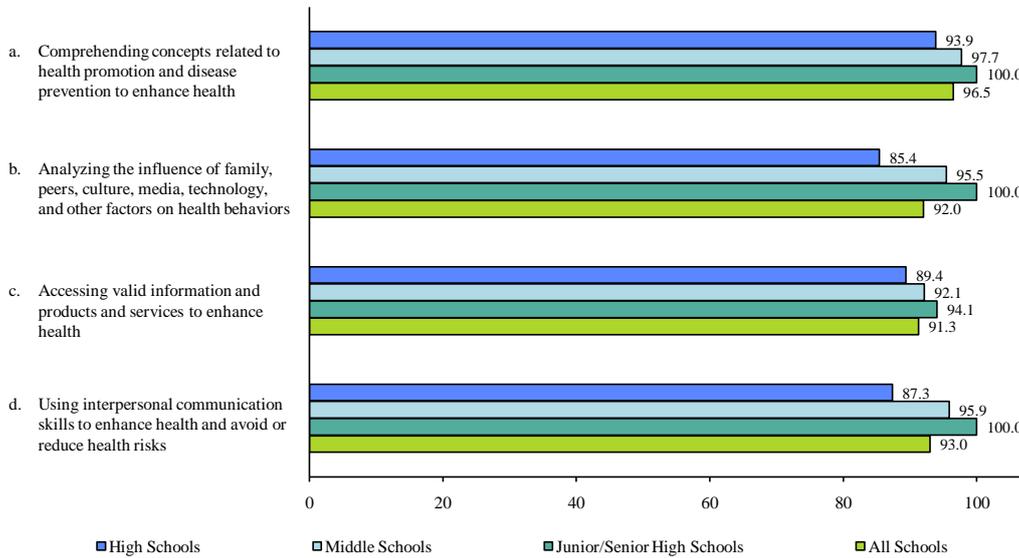


Chart 7 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

5. Percentage of schools in which the health education curriculum addresses each of the following skills.

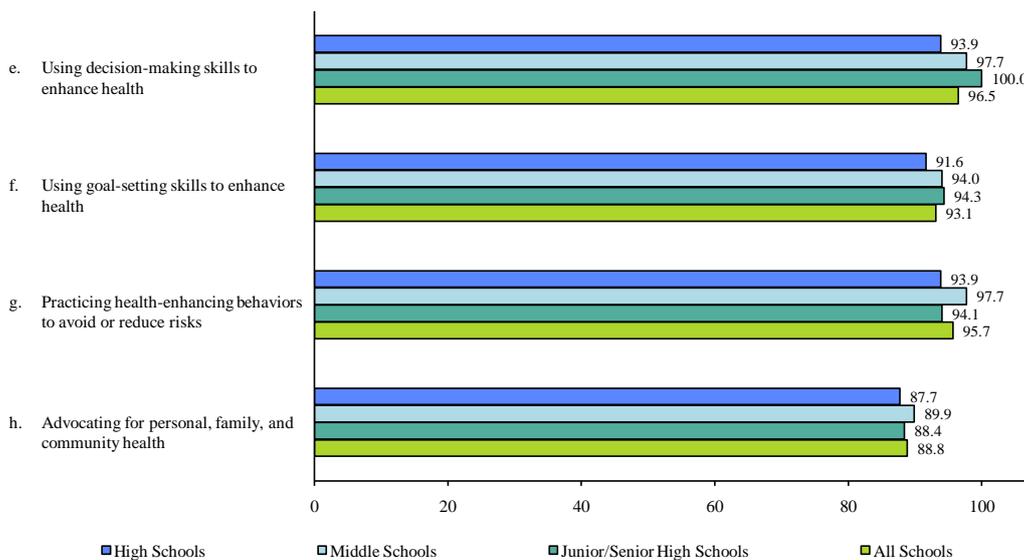


Chart 8 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

6. Percentage of schools in which health education instruction is required for students in any of grades 6 through 12.

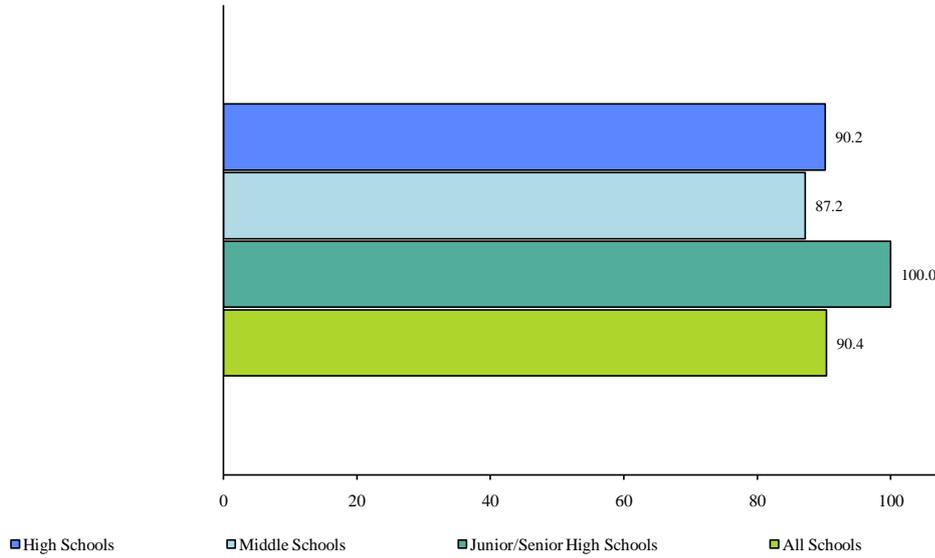


Chart 9 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

7. Percentage of schools in which teachers tried to increase student knowledge on each of the following topics in a required course in any of grades 6 through 12.

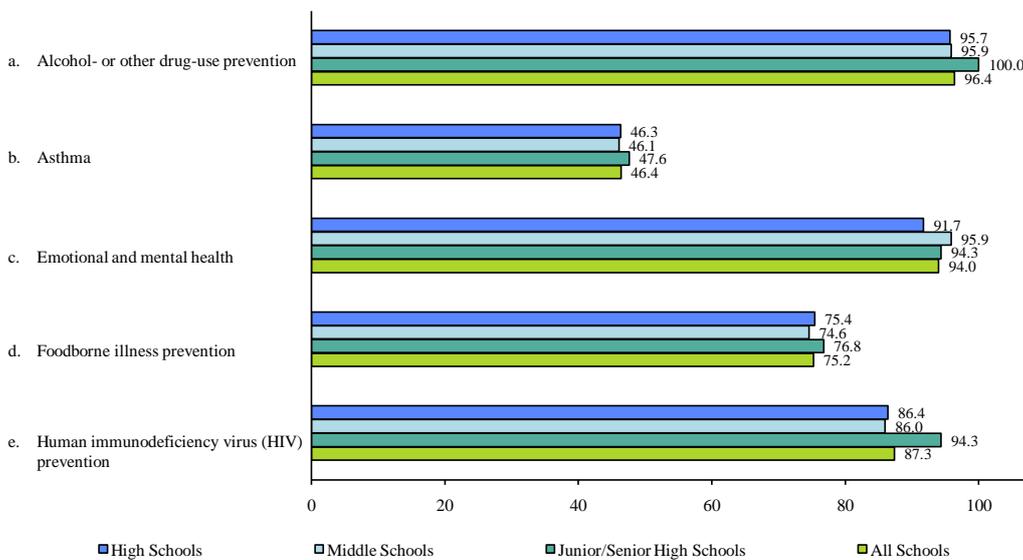


Chart 10 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

7. Percentage of schools in which teachers tried to increase student knowledge on each of the following topics in a required course in any of grades 6 through 12.

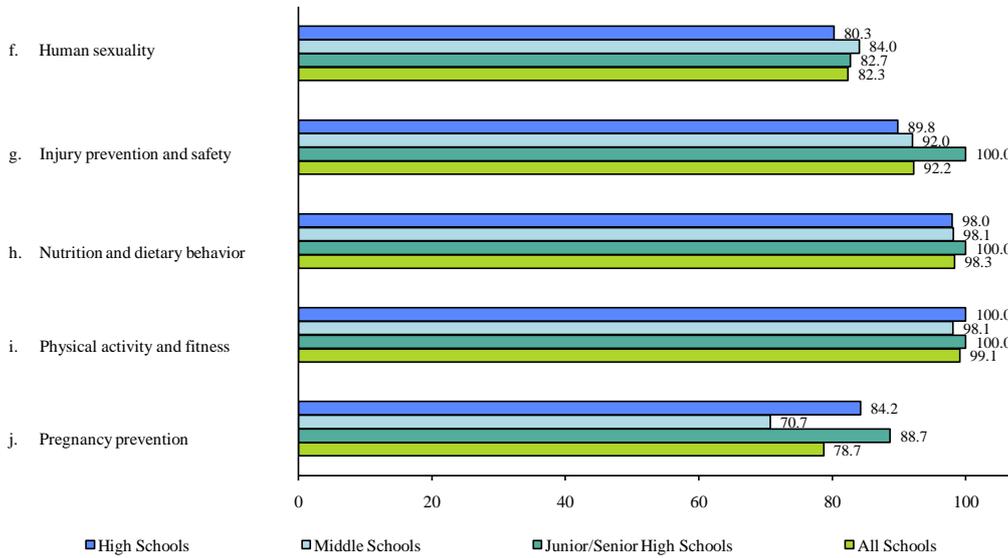


Chart 11 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

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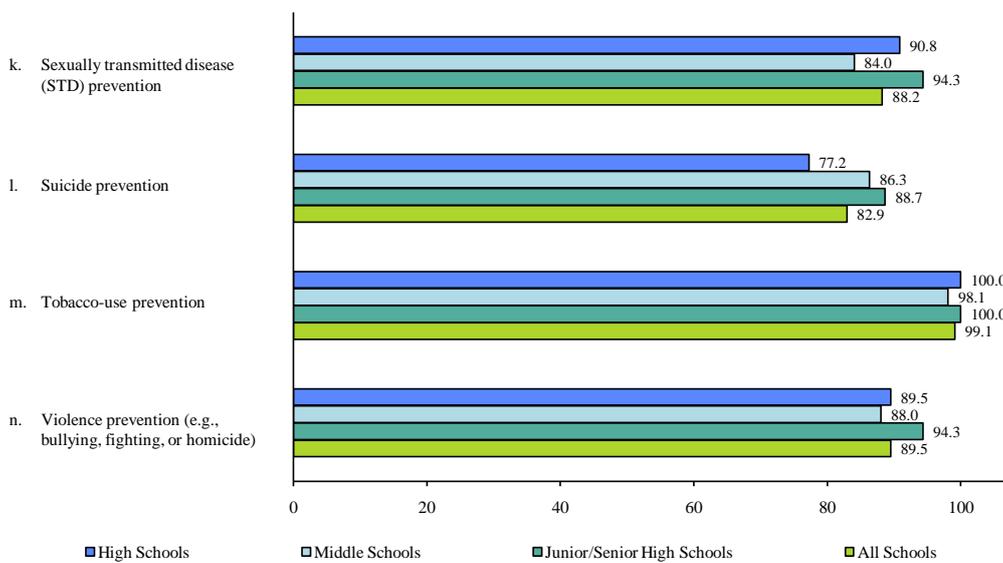


Chart 12 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

8. Percentage of schools in which teachers taught each of the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12.

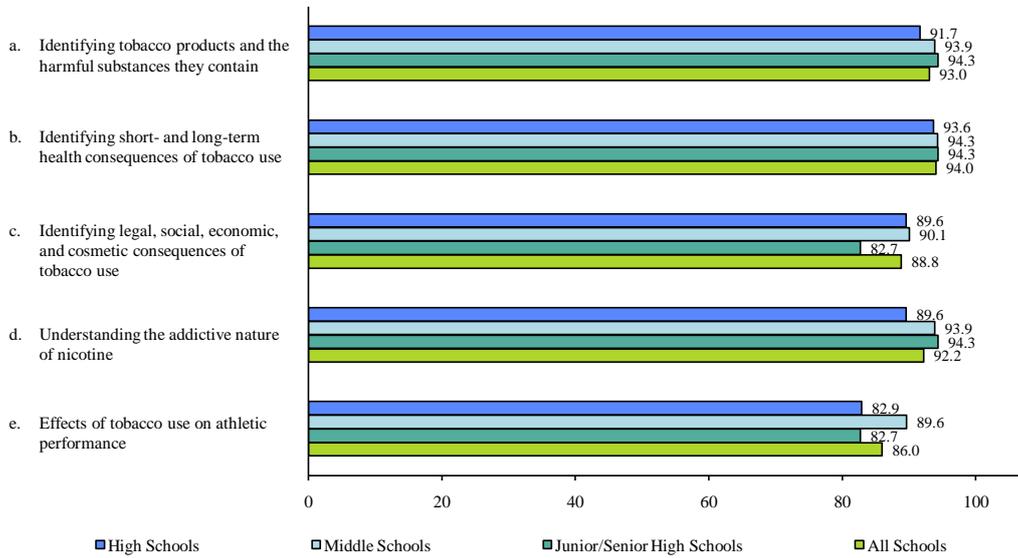


Chart 13 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

8. Percentage of schools in which teachers taught each of the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12.

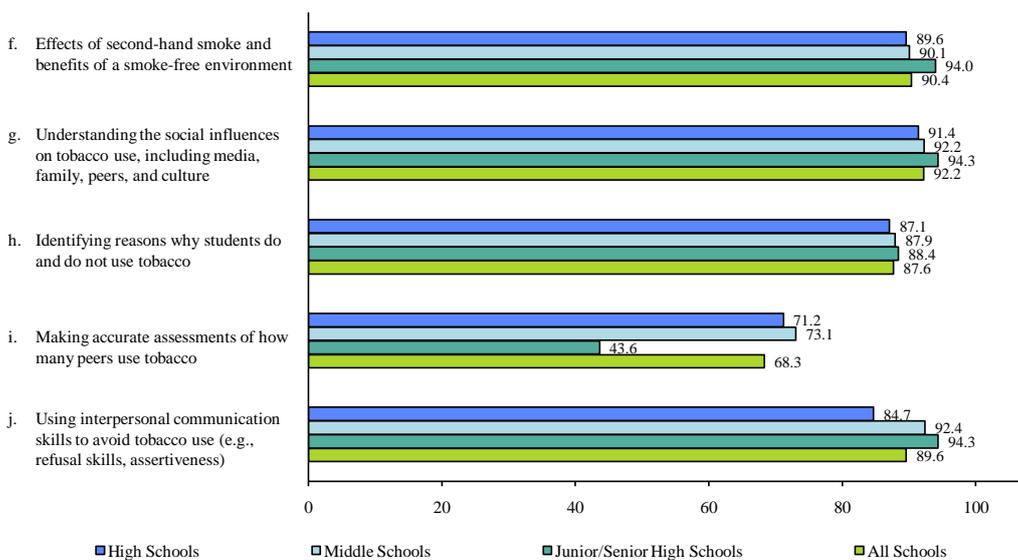


Chart 14 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

8. Percentage of schools in which teachers taught each of the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12.

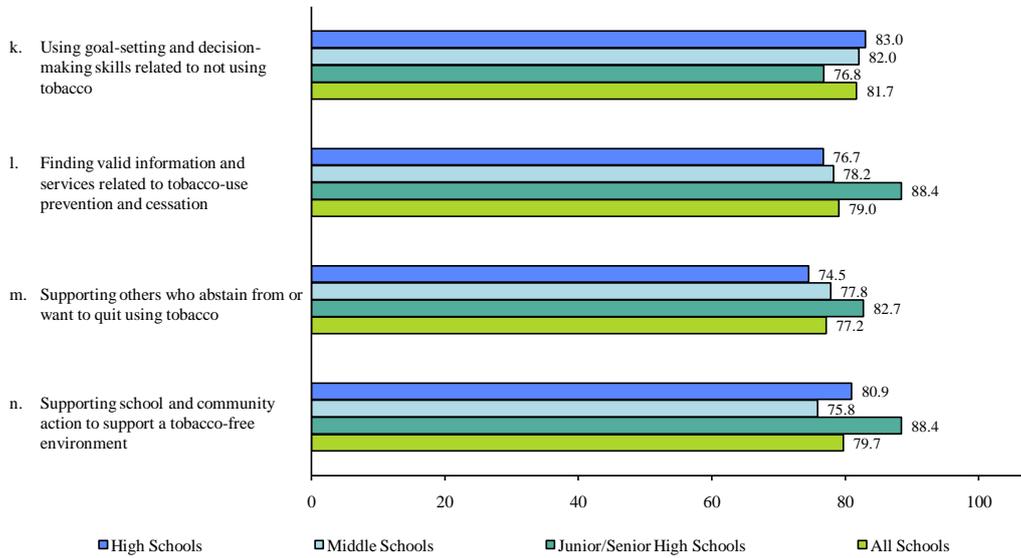
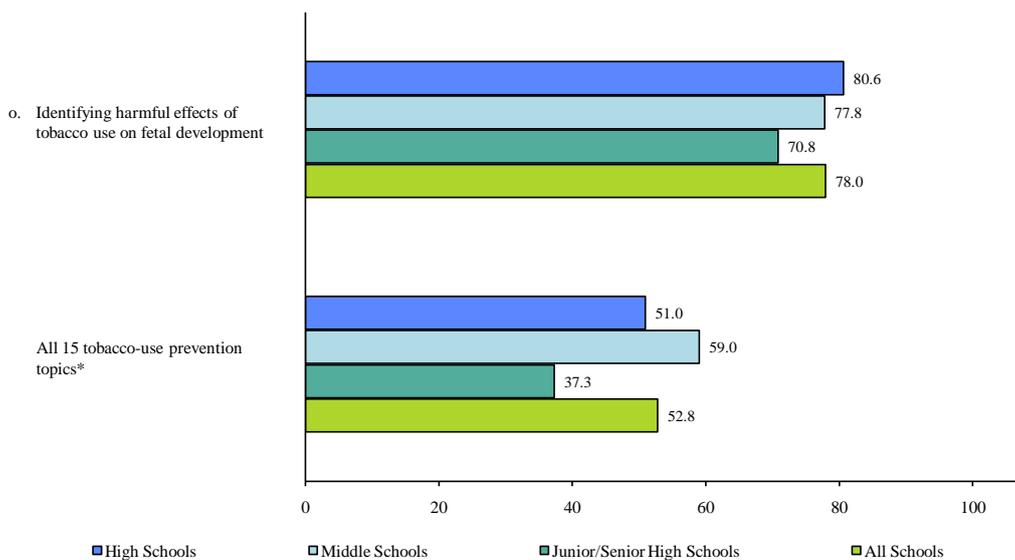


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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

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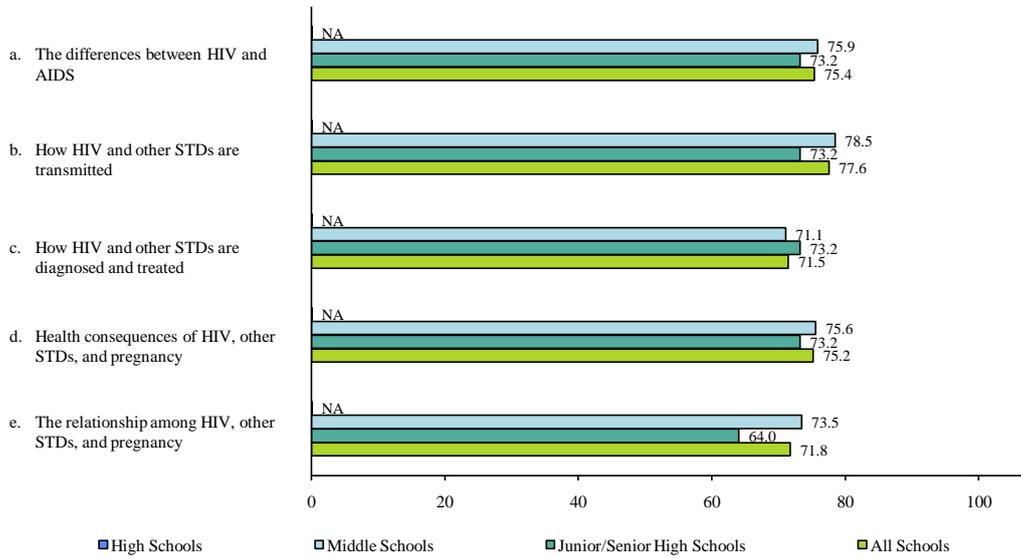


*Responses to question 8 a through o all are "yes."

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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 6, 7, or 8.

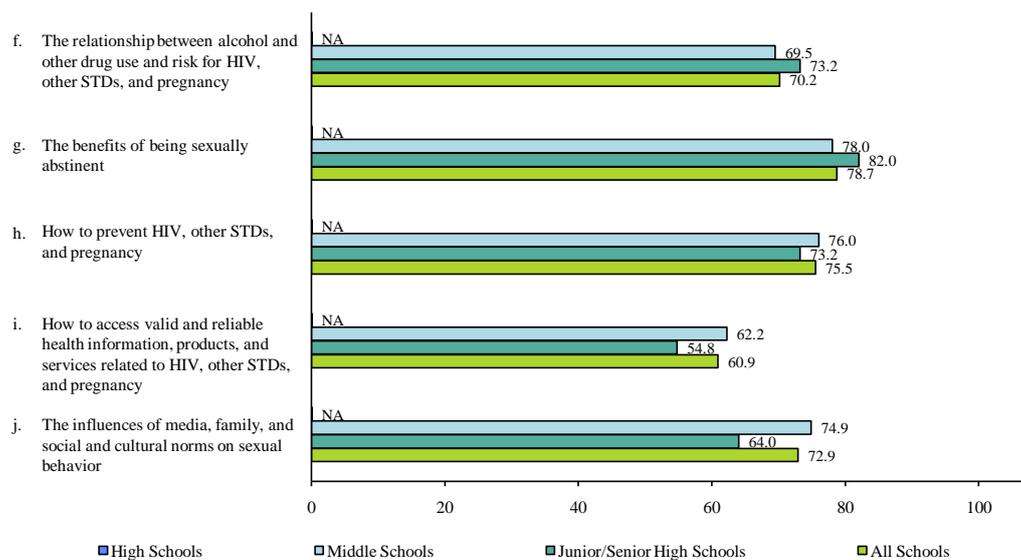


NA = Not available

Chart 17 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 6, 7, or 8.

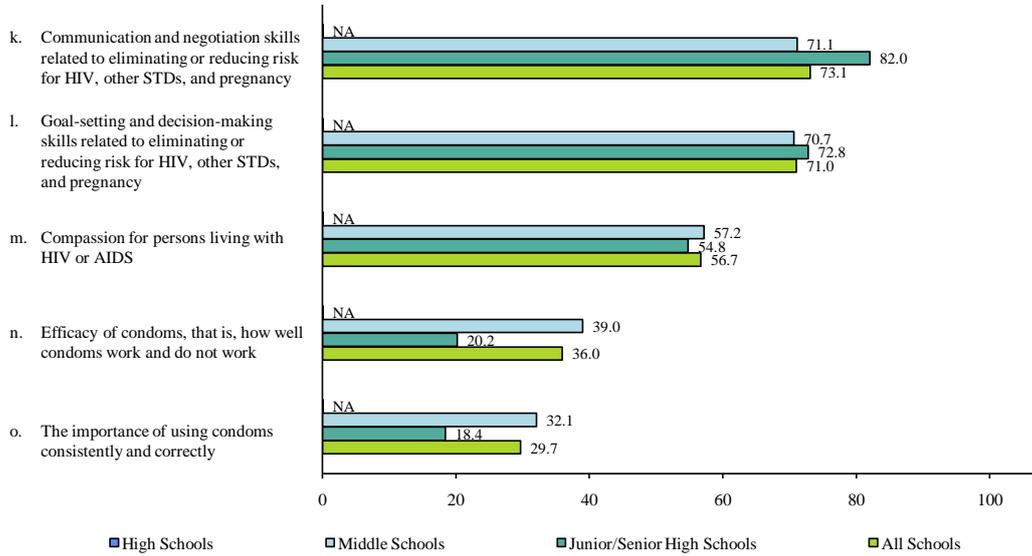


NA = Not available

Chart 18 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 6, 7, or 8.

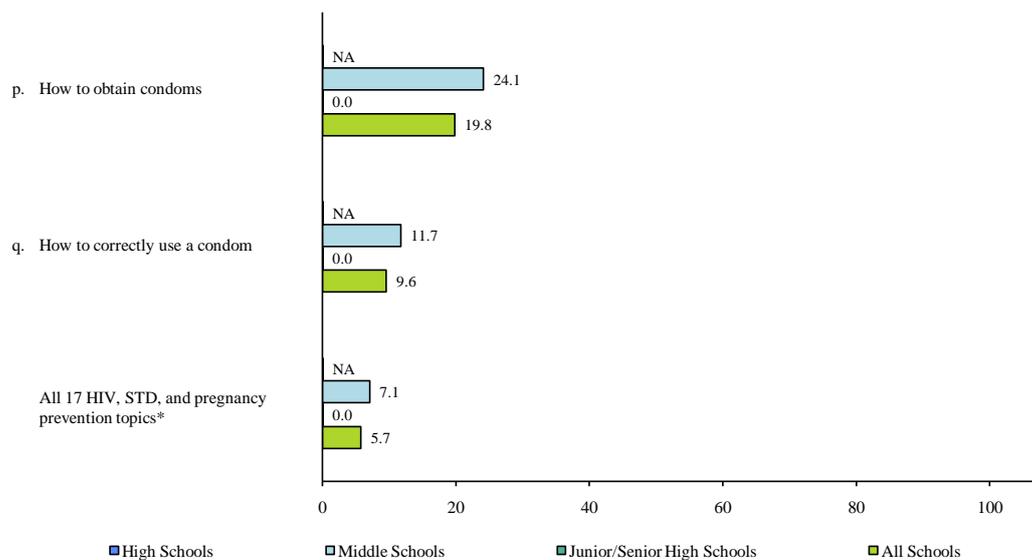


NA = Not available

Chart 19 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 6, 7, or 8.



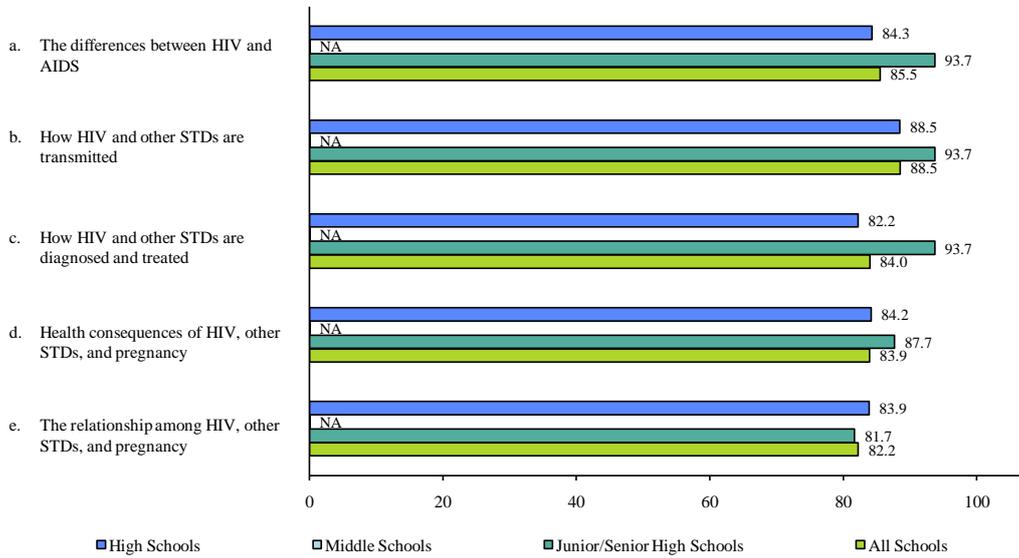
*Responses to question 9_1 a through q all are "yes."

NA = Not available

Chart 20 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 9, 10, 11, or 12.

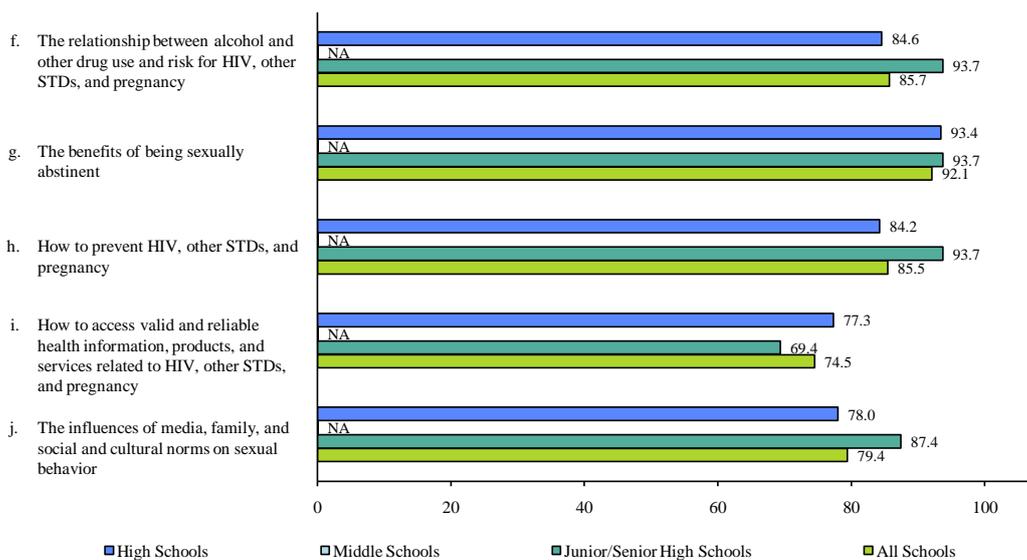


NA = Not available

Chart 21 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 9, 10, 11, or 12.

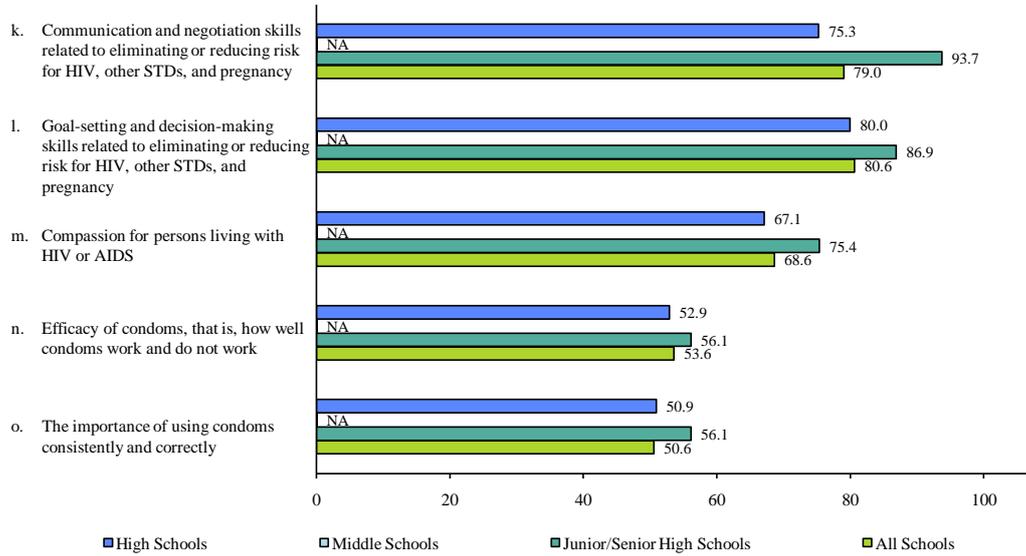


NA = Not available

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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 9, 10, 11, or 12.

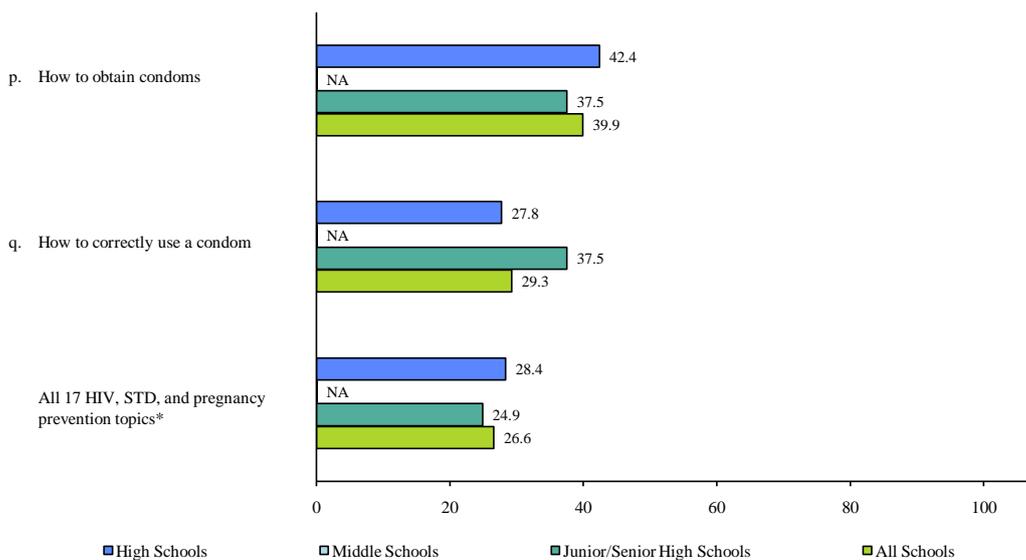


NA = Not available

Chart 23 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

9. Percentage of schools in which teachers taught each of the following HIV, STD, or pregnancy prevention topics in a required course in any of grades 9, 10, 11, or 12.



*Responses to question 9_2 a through q all are "yes."

NA = Not available

Chart 24 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

10. Percentage of schools in which teachers taught each of the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12.

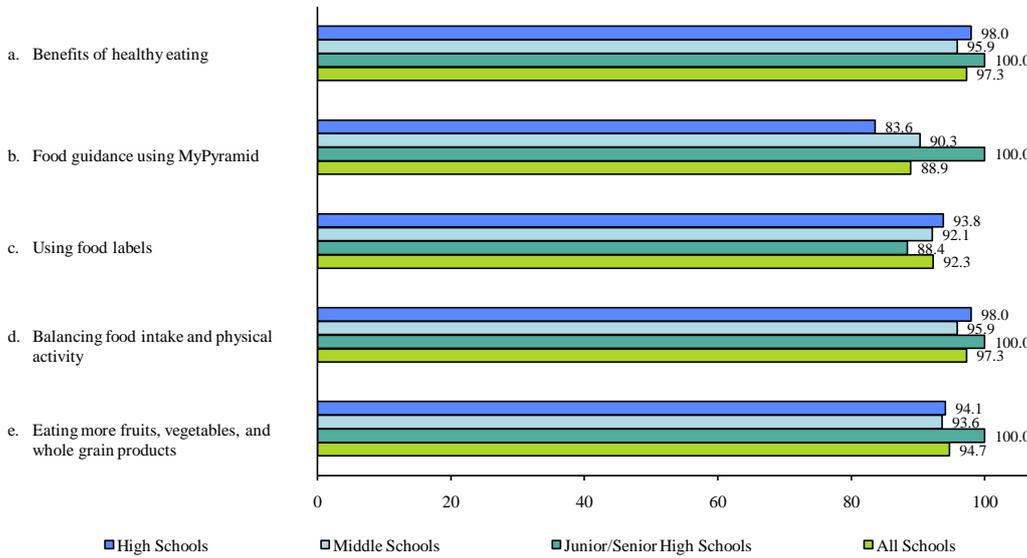


Chart 25 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

10. Percentage of schools in which teachers taught each of the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12.

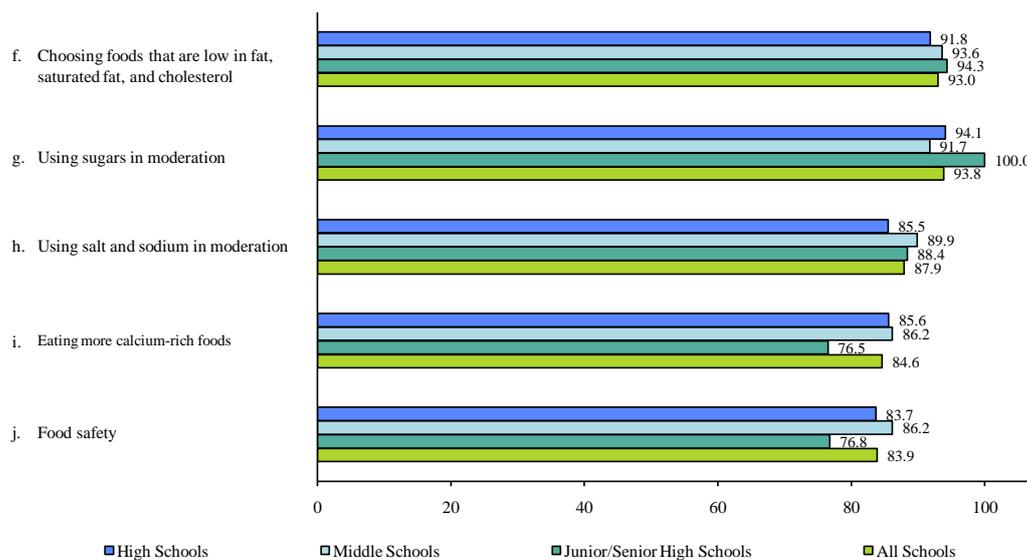
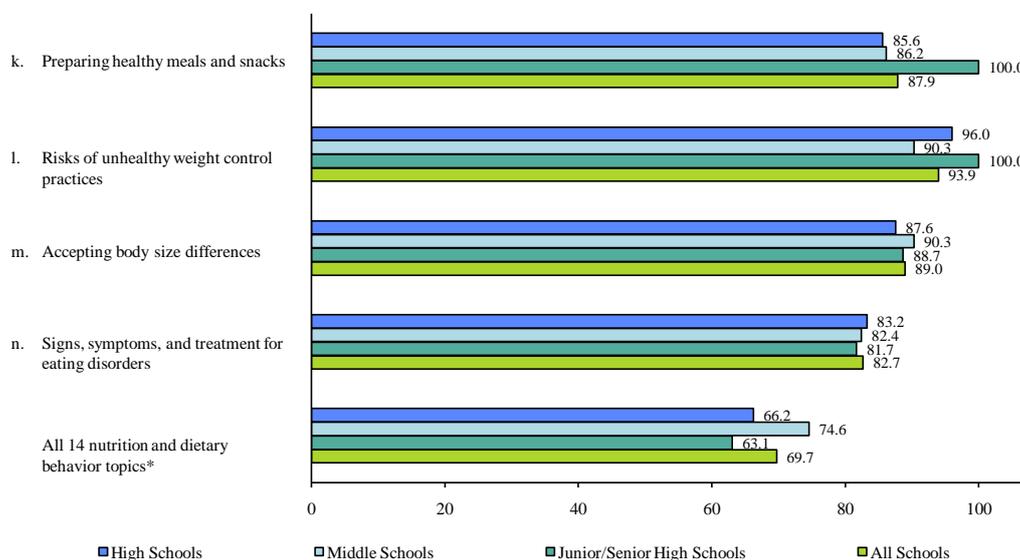


Chart 26 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

10. Percentage of schools in which teachers taught each of the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12.



*Responses to question 10 a through n all are "yes."

Chart 27 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

11. Percentage of schools in which teachers taught each of the following physical activity topics in a required course for students in any of grades 6 through 12.

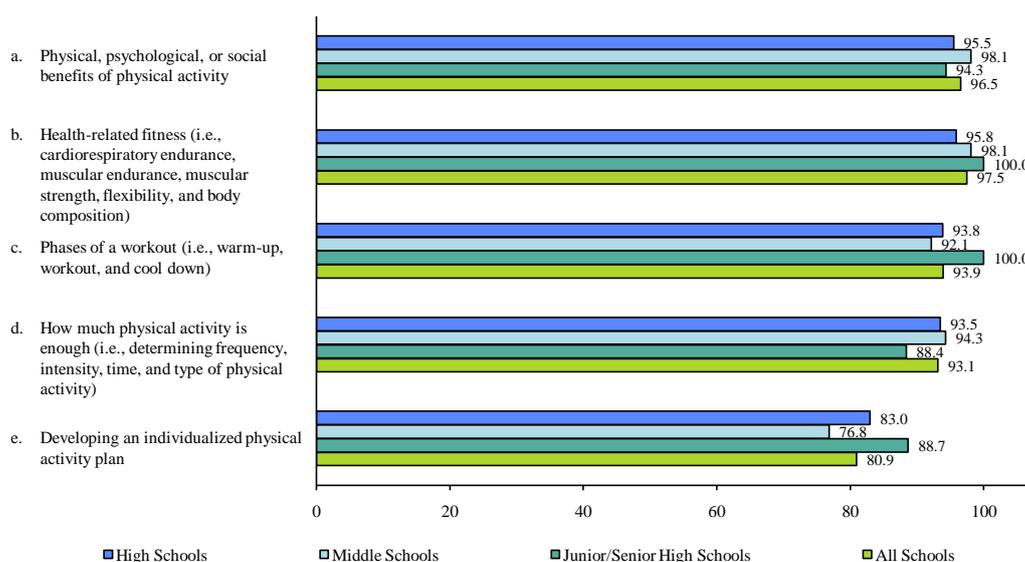


Chart 28 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

11. Percentage of schools in which teachers taught each of the following physical activity topics in a required course for students in any of grades 6 through 12.

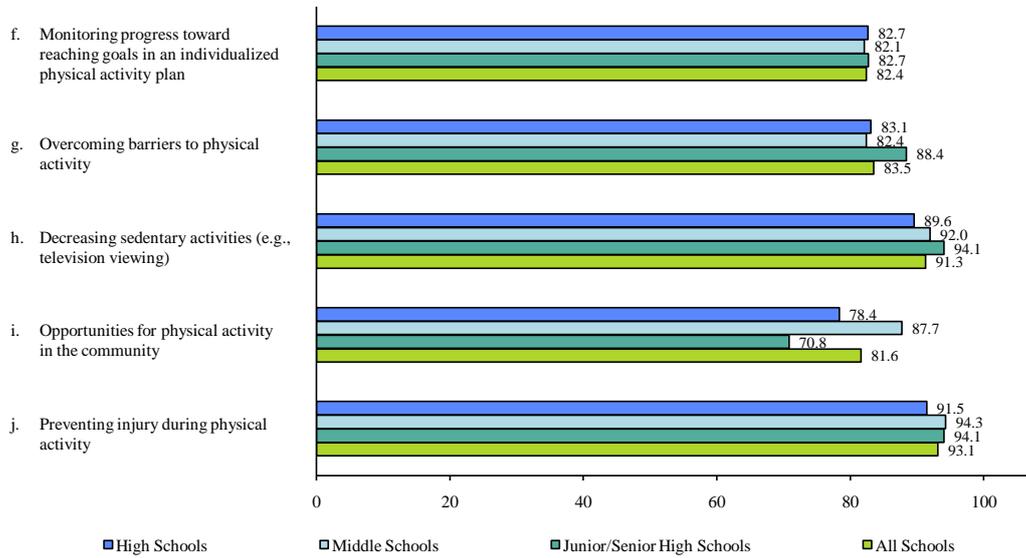
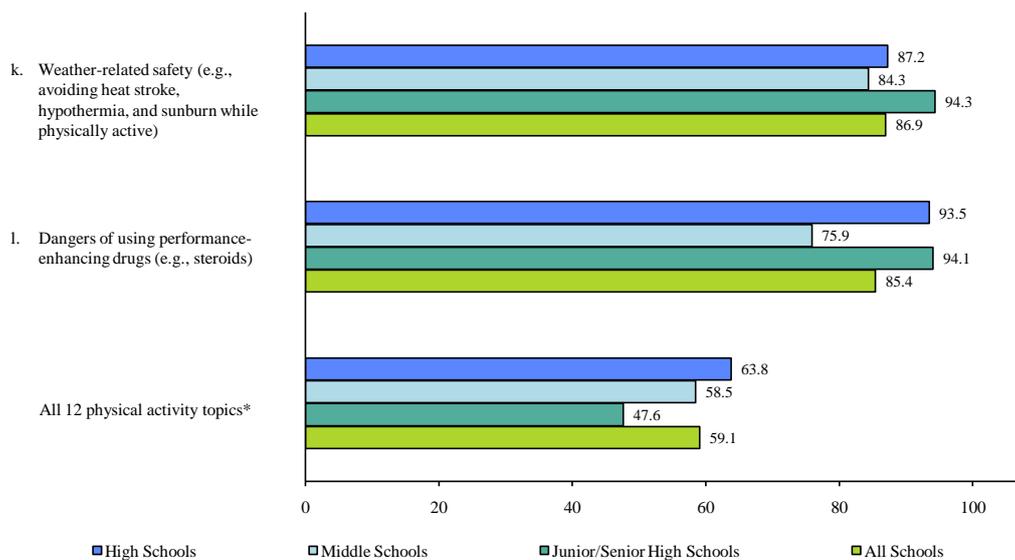


Chart 29 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

11. Percentage of schools in which teachers taught each of the following physical activity topics in a required course for students in any of grades 6 through 12.



*Responses to question 11 a through l all are "yes."

Chart 30 of 52

WYOMING

2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

12. Percentage of schools that provided any HIV, STD, or pregnancy prevention programs for ethnic/racial minority youth at high risk, including after-school or supplemental programs, that did each of the following activities.

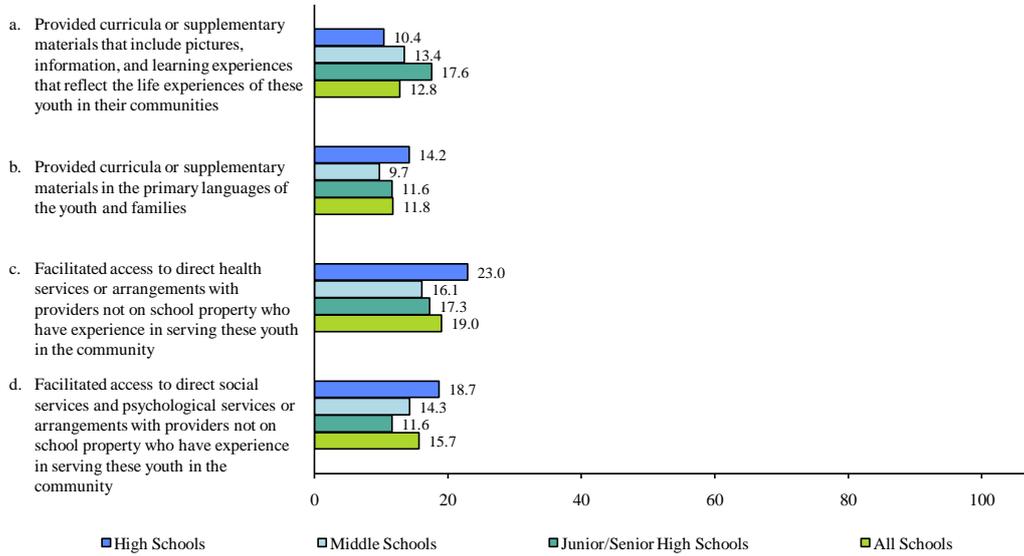


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WYOMING

2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

13. Percentage of schools that provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to lesbian, gay, bisexual, transgender, and questioning youth.

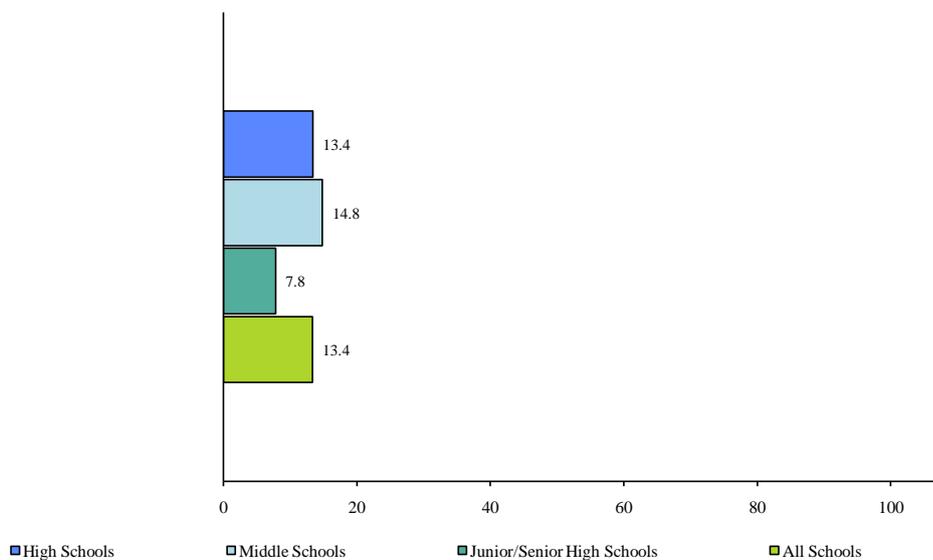


Chart 32 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

14. Percentage of schools in which health education staff worked with the following groups on health education activities during the current school year.

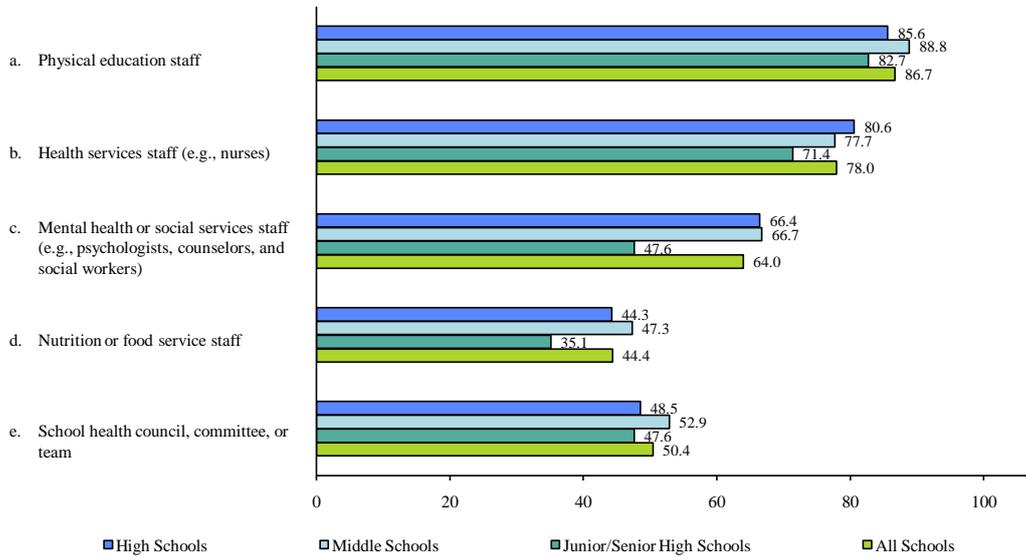


Chart 33 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

15. Percentage of schools that provided parents and families with health information designed to increase parent and family knowledge of the following topics during the current school year.

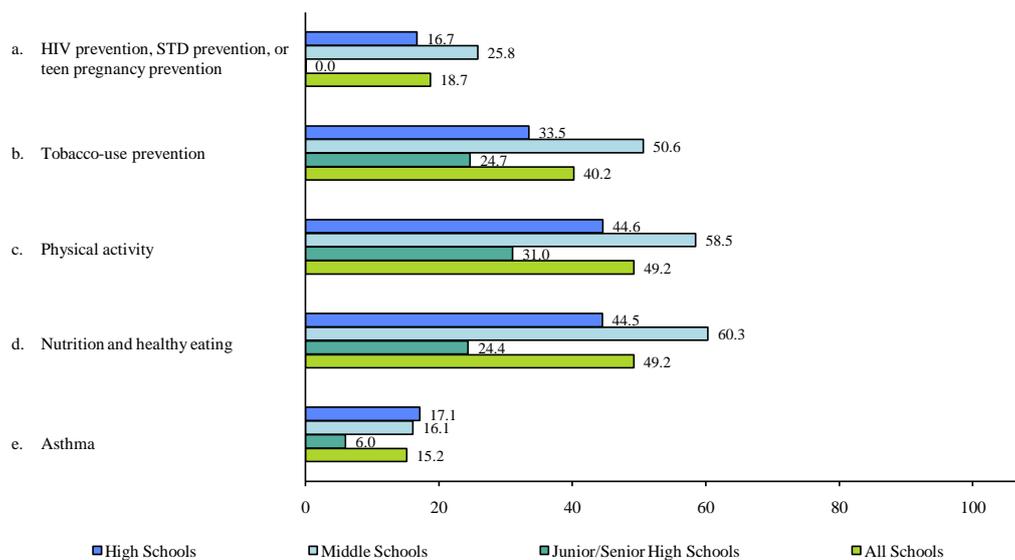


Chart 34 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

16. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

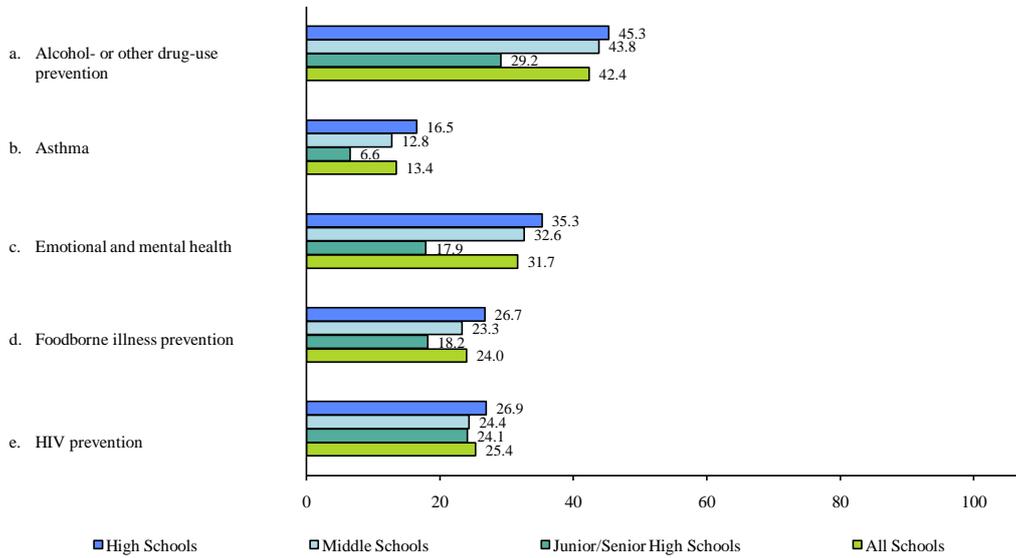


Chart 35 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

16. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

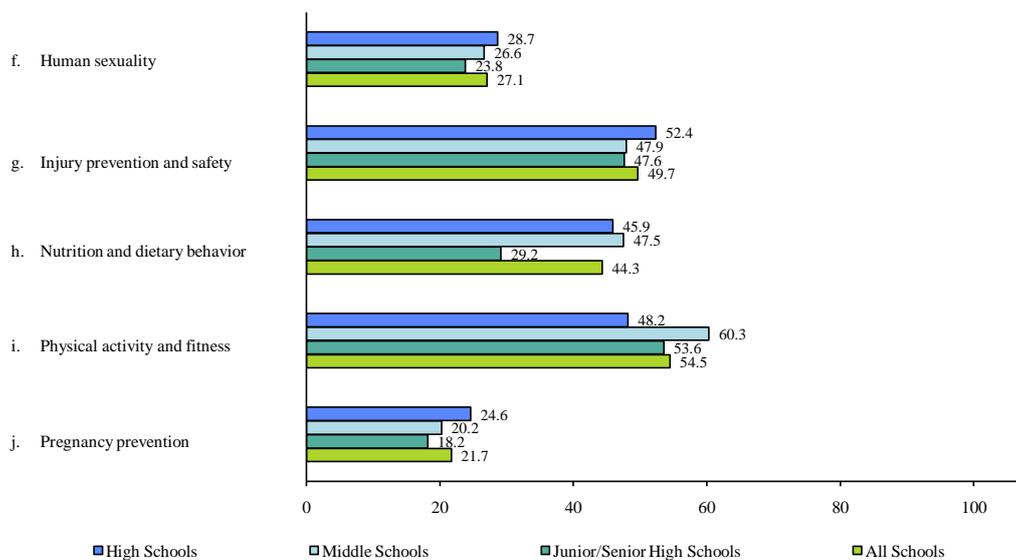


Chart 36 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

16. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

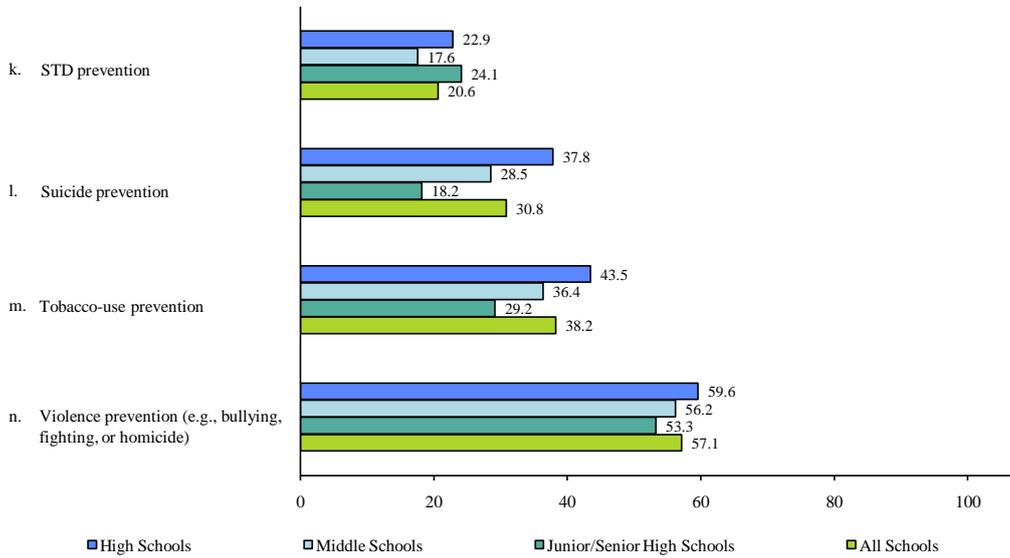


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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

17. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

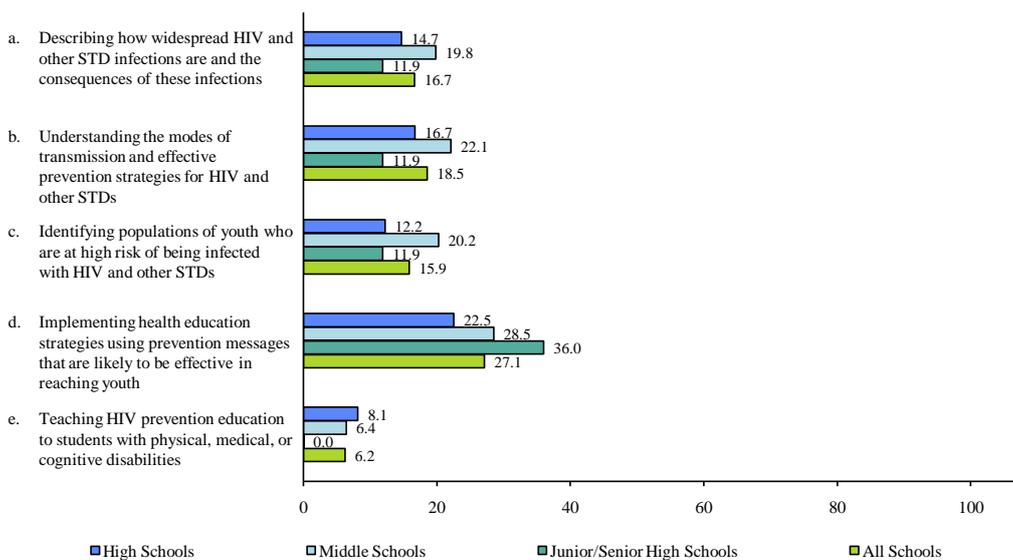


Chart 38 of 52

WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

17. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

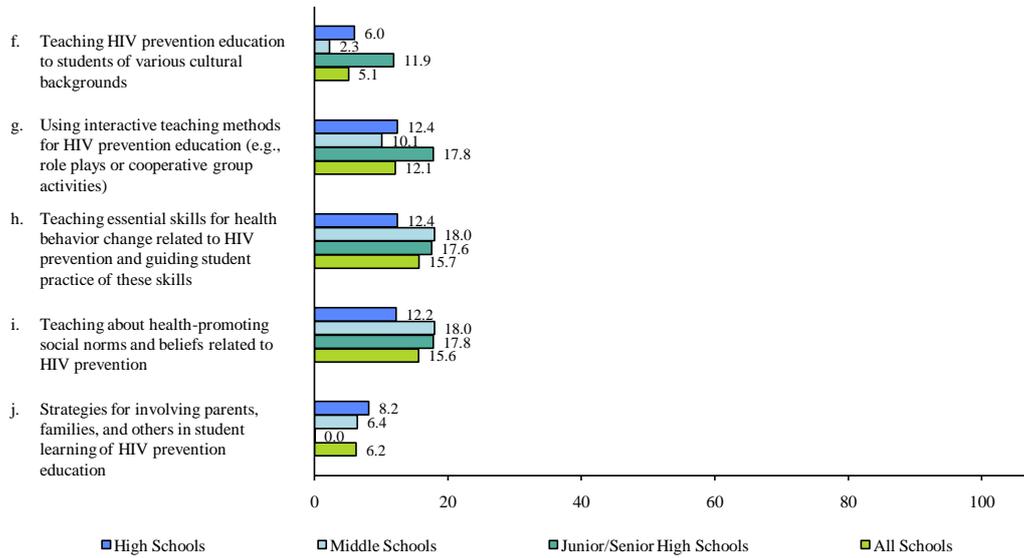


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2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

17. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

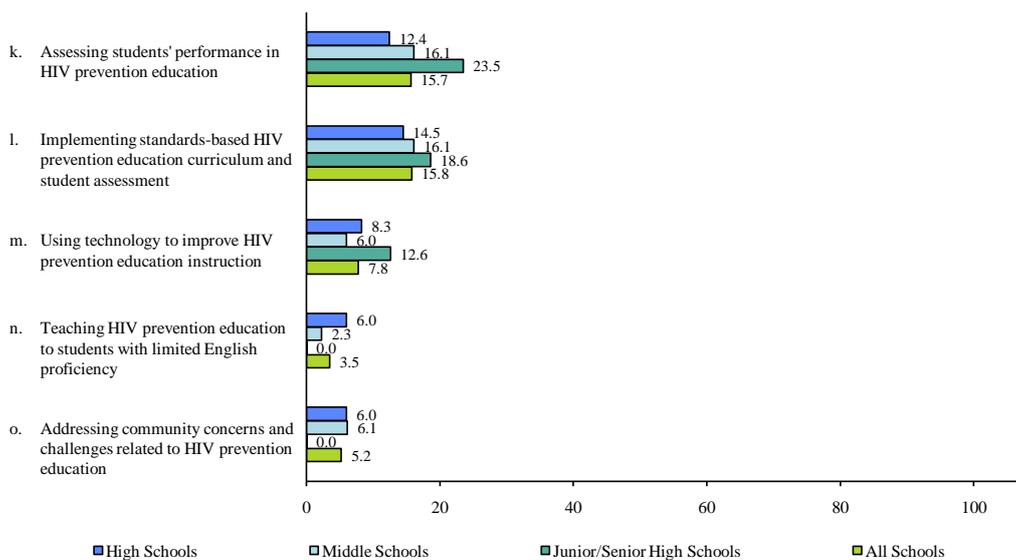


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2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

18. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

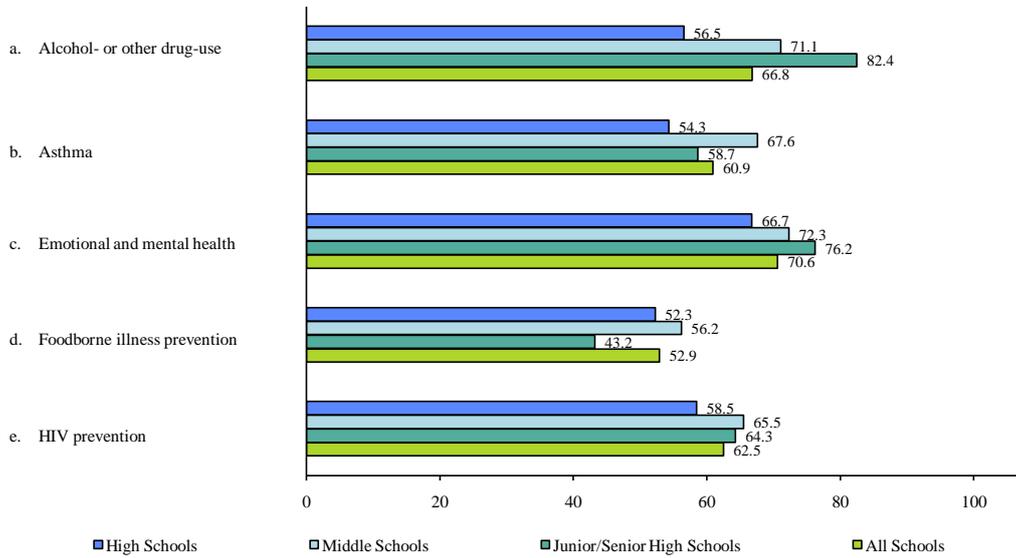


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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

18. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

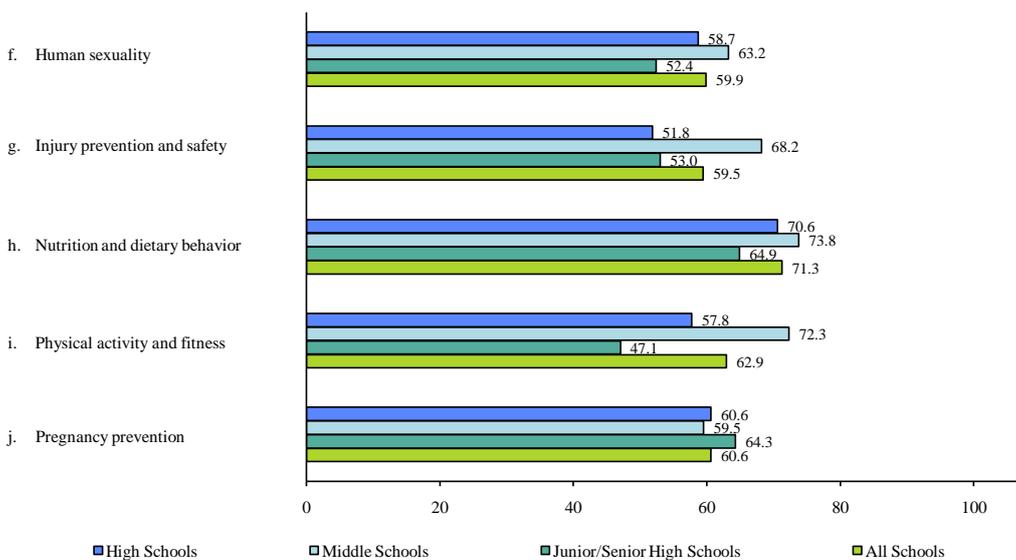


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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

18. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

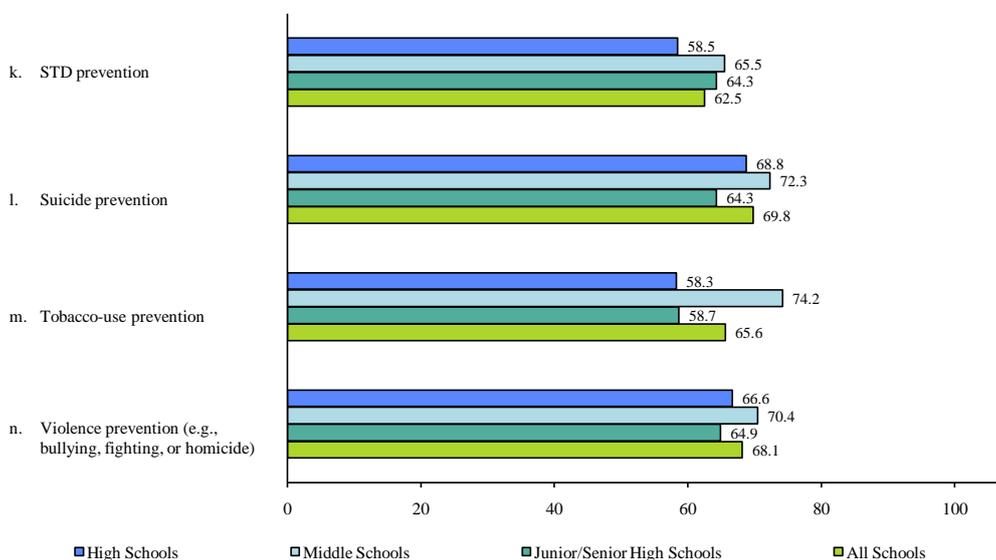


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2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

19. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

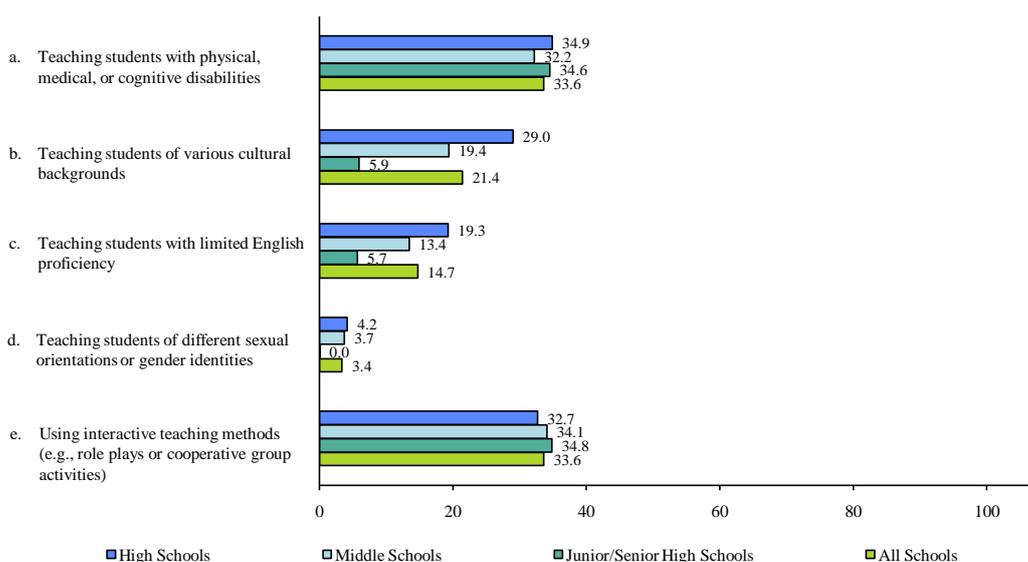


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2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

19. Percentage of schools in which the lead health education teacher received professional development (e.g., workshops, conferences, continuing education, or any other kind of in-service) on each of the following topics during the past two years.

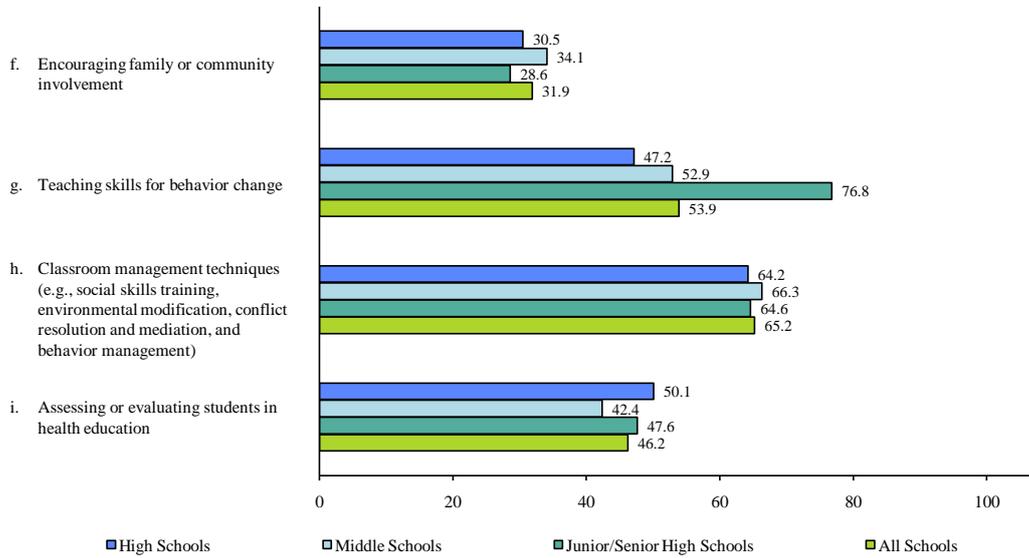


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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

20. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

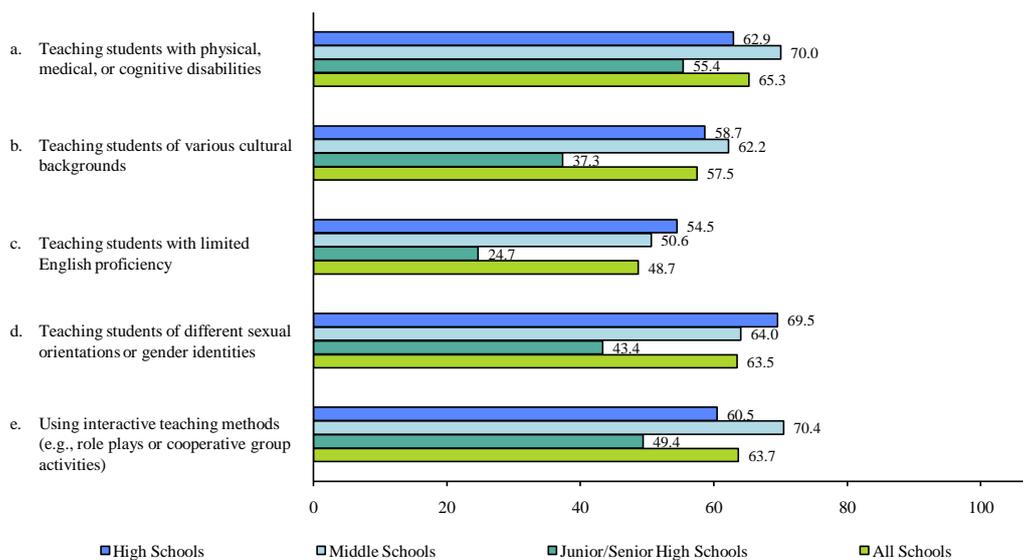


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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

20. Percentage of schools in which the lead health education teacher would like to receive professional development on each of the following topics.

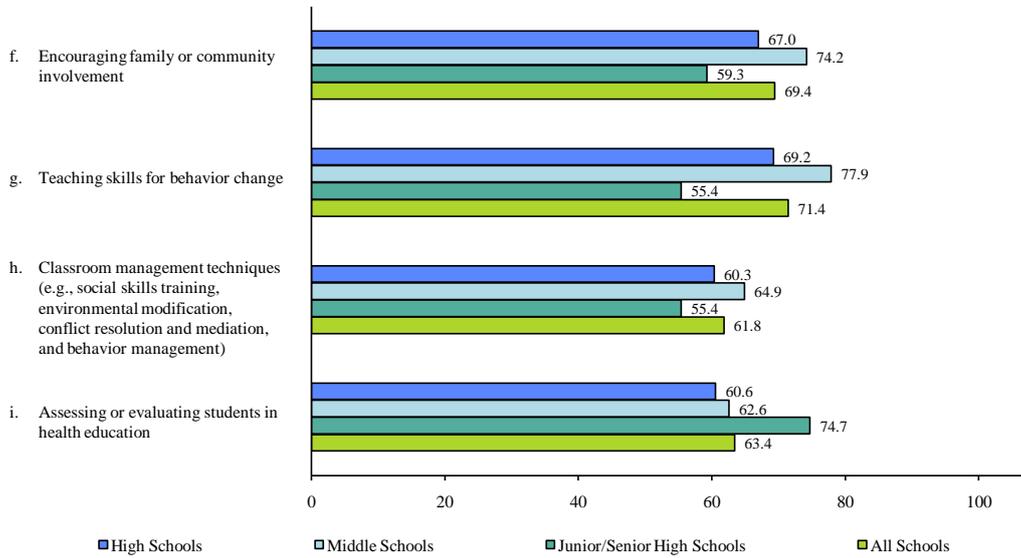


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WYOMING
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

21. Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on the following:

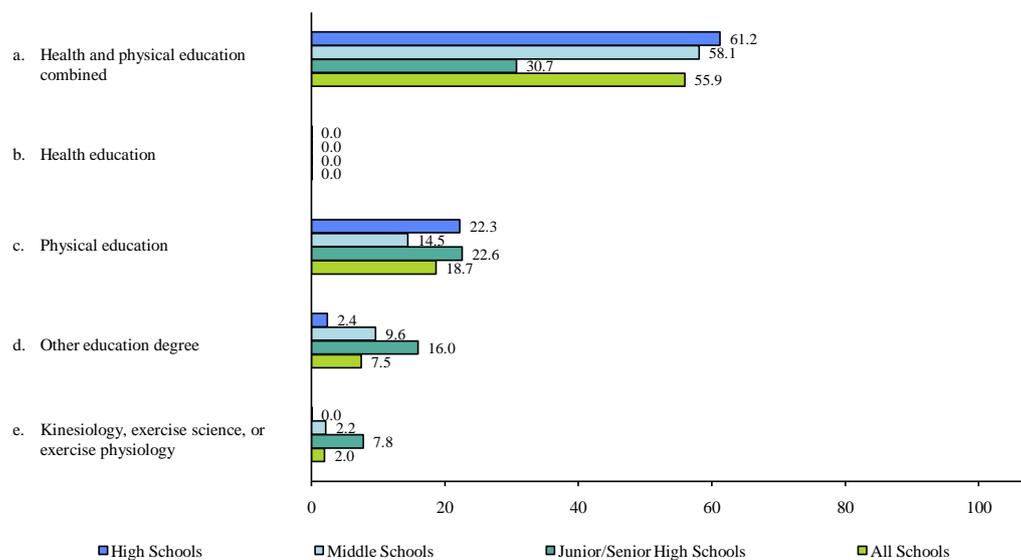


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W Y O M I N G
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

21. Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on the following:

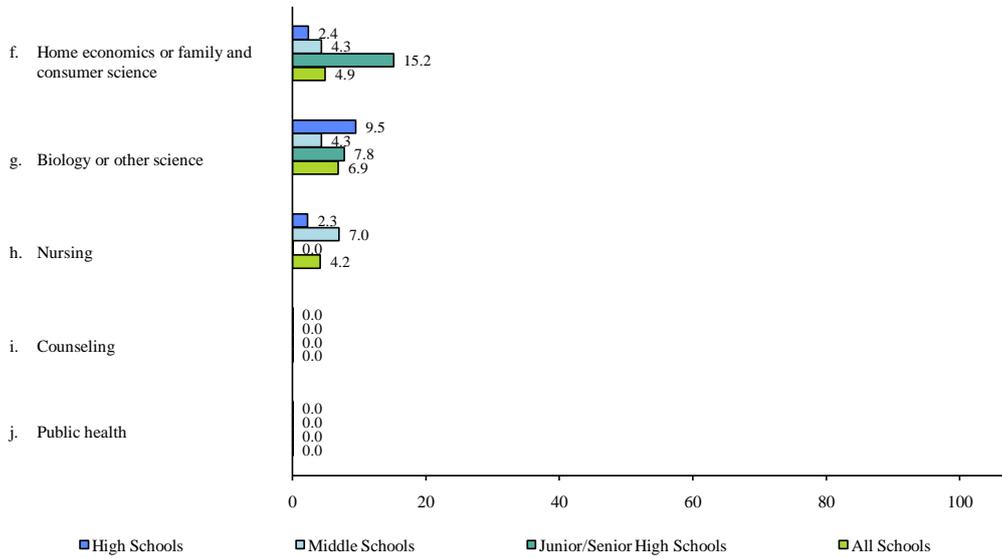


Chart 49 of 52

W Y O M I N G
2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

21. Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on the following:

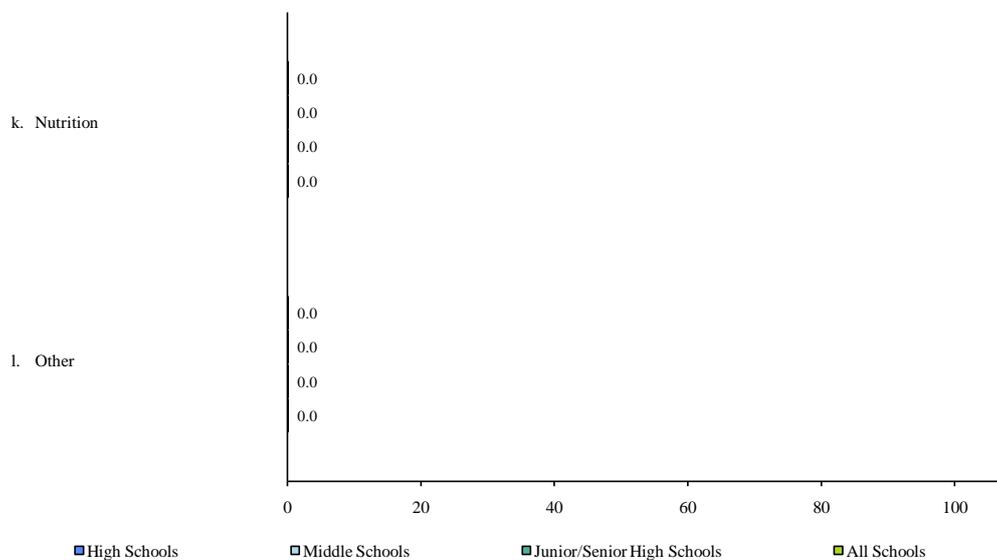


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2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

22. Percentage of schools in which the lead health education teacher is certified, licensed, or endorsed by the state to teach health education in middle school or high school.

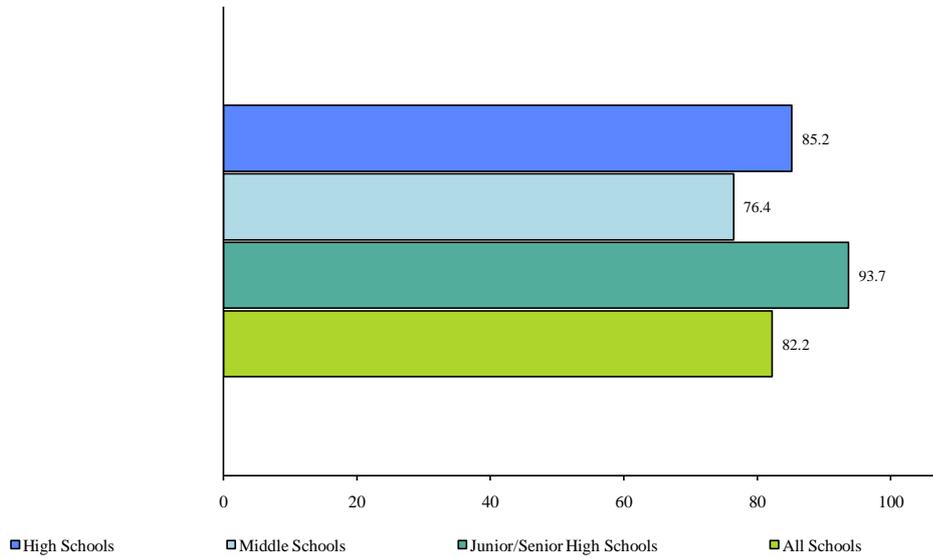


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2010 School Health Profiles Report
Weighted Lead Health Education Teacher Survey Results

23. Percentage of schools in which the lead health education teacher had the following number of years' experience in teaching health education courses or topics.

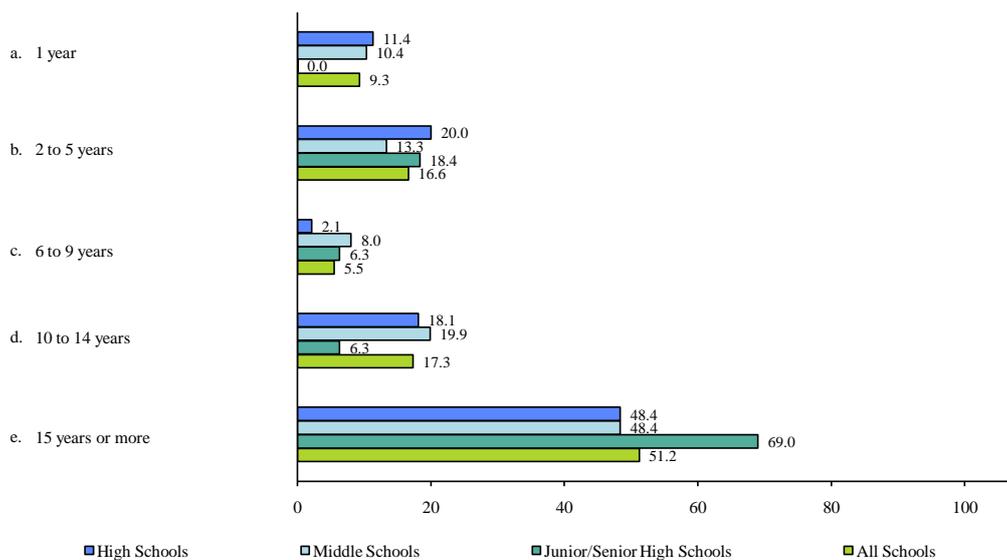


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Resources:

Wyoming Department of Education

<http://www.k12.wy.us/>

National Center for Chronic Disease Prevention and Health Promotion

<http://www.cdc.gov/nccdphp/>

Action for Health Kids

<http://www.actionforhealthykids.org/index.php>

Afterschool Alliance

<http://www.afterschoolalliance.org>

U.S. Department of Health and Human Services and SAMHSA's National Clearinghouse for Alcohol and Drug Information

<http://ncadi.samhsa.gov/default.aspx>

Learn and Serve America

<http://www.learnandserve.gov/>

National Institute on Out-of-School Time

<http://www.niost.org/>

Wyoming 21st Century Community Learning Centers

<http://www.k12.wy.us/HS/21sig.asp>

Wyoming Department of Health

<http://wdh.state.wy.us/>

Team Nutrition

<http://www.fns.usda.gov/tn/>

Centers for Disease Control and Prevention

<http://www.cdc.gov/>

National Center for Chronic Disease Prevention and Health Promotion, Healthy Youth Data and Statistics: Youth Risk Behavior Surveillance System

<http://www.cdc.gov/HealthyYouth/yrbs/index.htm>

Division of Adolescent and School Health

<http://www.cdc.gov/HealthyYouth/>

National Center for Education Statistics

<http://www.nces.ed.gov/programs/handbook/index.asp>