Wellness Improves Learning for Youth

Data Collection
February 25, 2016
Wellness Improves Learning for Youth

Provide Technical Assistance and Professional Development to assist districts to:

- Identify and track students with chronic conditions
- Develop protocols that ensure students identified with chronic conditions are enrolled into health insurance
- Provide assessment, counseling, and referral to community based medical care providers for students with chronic conditions
Progress on Performance Measures

- Grant requires data collection to show progress on performance measures (desired outcomes)
- Data comes from different sources
Data Sources for Performance Measures

1. School Health Profile
2. Training Tracking Tool
3. The DPI Annual Data Collection based on national Step Up Be Counted tool, Q 14-19
Performance Measure: Short Term Outcomes

1. # of districts receiving TA and PD on meeting needs of students with chronic conditions
2. % of schools that track students with chronic conditions
3. # of districts receiving TA and PD on enrolling students with chronic conditions in health insurance programs.
4. # of students identified with chronic conditions in districts that received TA and PD on meeting needs of students with chronic conditions
5. % of schools that have protocols that ensure that eligible students are enrolled in health insurance programs
6. # districts that received TA and PD on assessment, counseling and referral to community based providers
7. # students in districts that received TA and PD on #5
8. % schools that provide referral to community based providers
School Health Profile

1. # of districts receiving TA and PD on meeting needs of students with chronic conditions
2. % of schools that track students with chronic conditions
3. # of districts receiving TA and PD on enrolling students with chronic conditions in health insurance programs.
4. # of students identified with chronic conditions in districts that received TA and PD on meeting needs of students with chronic conditions
5. % of schools that have protocols that ensure that eligible students are enrolled in health insurance programs
6. # districts that received TA and PD on assessment, counseling and referral to community based providers
7. # students in districts that received TA and PD on #5
8. % schools that provide referral to community based providers
School Health Profile 2014


School Health Profiles 2014

43. Does your school routinely use school records to identify and track students with a current diagnosis of the following chronic conditions? School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes. (Mark yes or no for each condition.)

a. Asthma .............................................................................................Yes ......No
b. Food allergies ...................................................................................Yes ......No
c. Diabetes ............................................................................................Yes ......No
d. Epilepsy or seizure disorder .............................................................Yes ......No
e. Obesity ..............................................................................................Yes ......No
f. Hypertension/high blood pressure ..................................................Yes ......No
Percentage of secondary schools that identify and track students with chronic conditions* that may require daily or emergency management

*For example, asthma or food allergies.

School Health Profiles, 2014
42. Does your school have a protocol that ensures students with a chronic condition that may require daily or emergency management (e.g., asthma, diabetes, food allergies) are enrolled in private, state, or federally funded insurance programs if eligible? (Mark one response.)

a. Yes
b. No
Percentage of secondary schools that have protocols that ensure students with a chronic condition that may require daily or emergency management are enrolled into private, state, or federally funded insurance programs if eligible.
44. Does your school provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have any of the following chronic conditions? Include referrals to school-based health centers, even if they are located on school property. (Mark yes or no for each condition.)

a. Asthma .................................................................Yes ......No
b. Food allergies ...........................................................Yes ......No
c. Diabetes .................................................................Yes .......No
d. Epilepsy or seizure disorder ...........................................Yes ......No
e. Obesity ........................................................................Yes ......No
f. Hypertension/high blood pressure .................................Yes ......No
Percentage of secondary schools that provide referrals to community-based medical care providers for students identified with chronic conditions or at risk for activity, diet, and weight-related chronic conditions

School Health Profiles, 2014
Training Tracking Tool

1. # of districts receiving TA and PD on meeting needs of students with chronic conditions.
2. % of schools that track students with chronic conditions.
3. # of districts receiving TA and PD on enrolling students with chronic conditions in health insurance programs.
4. # of students identified with chronic conditions in districts that received TA and PD on meeting needs of students with chronic conditions.
5. % of schools that have protocols that ensure that eligible students are enrolled in health insurance programs.
6. # districts that received TA and PD on assessment, counseling and referral to community based providers.
7. # students in districts that received TA and PD on #5.
8. % schools that provide referral to community based providers.
Training Tracking Tool (TTT)

- Lists of school nurses and districts that attend professional development sessions
  - WASN
  - Summer Institute
  - CESA Professional Development
  - Specific PD for your district or a region
DPI Annual Data Collection/Step Up Be Be Counted

1. # of districts receiving TA and PD on meeting needs of students with chronic conditions
2. % of schools that track students with chronic conditions
3. # of districts receiving TA and PD on enrolling students with chronic conditions in health insurance programs.
4. # of students identified with chronic conditions in districts that received TA and PD on meeting needs of students with chronic conditions
5. % of schools that have protocols that ensure that eligible students are enrolled in health insurance programs
6. # districts that received TA and PD on assessment, counseling and referral to community based providers
7. # students in districts that received TA and PD on #5
8. % schools that provide referral to community based providers
Data Collection

http://dpi.wi.gov/sspw/pupil-services/school-nurse/data

Data Collection

School Nurse Data Collection

School nurses collect rich and important data. The National Association of School Nurses, the Wisconsin Association of School Nurses, the National Association of State School Nurse Consultants and the Wisconsin Department of Public Instruction continue working together on the national, uniform, standardized data set for all school nurses. Thank you to those school nurses who submitted data for the 2014-15 school year. That information was aggregated and submitted to the national data base.

Collecting data in the same way allows us to aggregate the data across the nation. The 2015-16 dataset will include several additional data points that will stretch our information gathering. The expanded tool will include the previous data points, and will add information on others who provide care and their dispositions. Please review the newly posted Step Up Be Counted 2015-16 data tool found on this webpage.

- 2015-2016 Wisconsin School Health Services Data Collection Tool—Wisconsin School Health Services Report 2015-2016. (This data should be collected district-wide, with one lead nurse inputting the data into the DPI electronic system, which will open in February 2016.)
- NASN webinars, Q & A, and further information: http://www.nasn.org/Research/StepUpBeCounted
Step Up Be Counted 2014-15

Who Participated
- 37 states submitted data, including Alaska and Hawaii.
- The focus of the first year was PROCESS.
- Each question had a different response rate.
- Participation within states varied from <1%-100%.
- Due to variance in states’ participation, DATA IS NOT GENERALIZABLE.

Workforce (# and % of PTE)
- RN (n = 16,493)
- Extenders (n = 9,804)
- LPN (n = 3,104)
- RN Special (n = 901)
- RN Float (n = 338)

Dispositions - Students Seen By RN

Students with Diagnosed Chronic Conditions
- Asthma: 67/1000 students
- Diabetes: Type 1 = 26/1000 students; Type 2 = 56/1000 students
- Seizures: 6.9/1000 students
- Life-Threatening Allergy: 20.7/1000 students

National Association of School Nurses - National Association of State School Nurse Consultants
## Chronic Conditions in School-Aged Rates per 1000

<table>
<thead>
<tr>
<th>Condition</th>
<th>Wisconsin*</th>
<th>Step Up Be Counted**</th>
<th>Other National Data***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma</td>
<td>76.5</td>
<td>67</td>
<td>93</td>
</tr>
<tr>
<td>Diabetes Type 1</td>
<td>3.12</td>
<td>2.6</td>
<td>1.93</td>
</tr>
<tr>
<td>Diabetes Type 2</td>
<td>0.44</td>
<td>0.5</td>
<td>0.24</td>
</tr>
<tr>
<td>Seizure Disorder</td>
<td>8.8</td>
<td>6.9</td>
<td>1</td>
</tr>
<tr>
<td>Severe Allergy</td>
<td>22.6</td>
<td>20.7</td>
<td>60</td>
</tr>
</tbody>
</table>

*Wisconsin School Health Report 2014-15 Unpublished data
***Other National Data
Asthma: http://www.cdc.gov/nchs/fastats/asthma.htm
Severe Allergy: http://www.cdc.gov/healthyyouth/foodallergies/
Direct Services: 2015-16

<table>
<thead>
<tr>
<th>Total number</th>
<th>DATA POINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Number of enrolled students in district</td>
</tr>
<tr>
<td>2.</td>
<td>Total number of RN FTEs with an assigned caseload providing direct services</td>
</tr>
<tr>
<td>3.</td>
<td>Total number of LPN/LVN FTEs with an assigned caseload providing direct services</td>
</tr>
<tr>
<td>4.</td>
<td>Total number of health aide (non-RN, non-LPN/LVN) FTEs with an assigned caseload providing direct health services (e.g., give medication, staff health office, perform specific health procedures)</td>
</tr>
<tr>
<td>5.</td>
<td>Total number of supplemental/float RN FTEs</td>
</tr>
<tr>
<td>6.</td>
<td>Total number of supplemental/float LPN/LVN FTEs</td>
</tr>
<tr>
<td>7.</td>
<td>Total number of supplemental/float health aide (non-RN, non-LPN/LVN) FTEs</td>
</tr>
<tr>
<td>8.</td>
<td>Total number of RNs with special assignment FTEs</td>
</tr>
<tr>
<td>9.</td>
<td>Total number of LPNs with special assignment FTEs</td>
</tr>
<tr>
<td>10.</td>
<td>Total number of health aides (non-RN, non-LPN/LVN) with special assignment FTEs</td>
</tr>
<tr>
<td>11.</td>
<td>Total number of RN FTEs providing administrative or supervisory school health services</td>
</tr>
<tr>
<td>12.</td>
<td>Total number of LPN/LVN FTEs providing administrative or supervisory school health services</td>
</tr>
<tr>
<td>13.</td>
<td>Total number of assistant FTEs providing administrative support services to RNs or LPNs/LVNs</td>
</tr>
<tr>
<td>Answer</td>
<td>DATA POINT DEFINITION</td>
</tr>
<tr>
<td>--------</td>
<td>----------------------</td>
</tr>
<tr>
<td>14.</td>
<td>Number of students enrolled in assigned school(s)</td>
</tr>
<tr>
<td>15.</td>
<td>Number of students with an asthma diagnosis</td>
</tr>
<tr>
<td>16.</td>
<td>Number of students with Type 1 Diabetes diagnosis</td>
</tr>
<tr>
<td>17.</td>
<td>Number of students with Type 2 Diabetes diagnosis</td>
</tr>
<tr>
<td>18.</td>
<td>Number students with a seizure disorder diagnosis</td>
</tr>
<tr>
<td>19.</td>
<td>Number students with life threatening allergy (anaphylactic reaction) diagnosis</td>
</tr>
</tbody>
</table>
## Dispositions: 2015-16

<table>
<thead>
<tr>
<th>Answer</th>
<th>DATA POINT DEFINITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.</td>
<td>Number of student encounters/health office visits to RN resulting in the student returning to class or staying in school during the 2015-2016 school year</td>
</tr>
<tr>
<td>21.</td>
<td>Number of student encounters/health office visits to the RN resulting in 911 being called or regionally appropriate equivalent during the 2015-2016 school year</td>
</tr>
<tr>
<td>22.</td>
<td>Number of student encounters/health office visits to the RN resulting in the student being sent home during the 2015-2016 school year</td>
</tr>
<tr>
<td>23.</td>
<td>Number of student encounters/health office visits to LPN/LVN resulting in the student returning to class or staying in school during the 2015-2016 school year</td>
</tr>
<tr>
<td>24.</td>
<td>Number of student encounters/health office visits to the LPN/LVN resulting in 911 being called or regionally appropriate equivalent during the 2015-2016 school year</td>
</tr>
<tr>
<td>25.</td>
<td>Number of student encounters/health office visits to the LPN/LVN resulting in the student being sent home during the 2015-2016 school year</td>
</tr>
<tr>
<td>26.</td>
<td>Number of student encounters/health office visits to health aide/UAP (non-RN, non-LPN/LVN) resulting in the student returning to class or staying in school during the 2015-2016 school year</td>
</tr>
<tr>
<td>27.</td>
<td>Number of student encounters/health office visits to the health aide/UAP (non-RN, non-LPN/LVN) resulting in 911 being called or regionally appropriate equivalent during the 2015-2016 school year</td>
</tr>
<tr>
<td>28.</td>
<td>Number of student encounters/health office visits to the health aide/UAP (non-RN, non-LPN/LVN) resulting in the student being sent home during the 2015-2016 school year</td>
</tr>
</tbody>
</table>
9. Reduced absences for students identified with chronic conditions

<table>
<thead>
<tr>
<th></th>
<th># Students</th>
<th>Mean Absence Rate</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1 Diabetes</td>
<td>67</td>
<td>9.3%</td>
<td>0-50.1%</td>
</tr>
<tr>
<td>T2 Diabetes</td>
<td>16</td>
<td>16.0%</td>
<td>0.4-48.9%</td>
</tr>
</tbody>
</table>

Data provided by MMSD, 2013-14 school year
Performance Measure: Percent of Students with Chronic Condition who have Medical Home

10. % students identified with chronic condition who have a medical home

<table>
<thead>
<tr>
<th>Condition</th>
<th>Total # w/condition</th>
<th>Total # w/PCP</th>
<th>% w/identified PCP*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma</td>
<td>3423</td>
<td>3296</td>
<td>96%</td>
</tr>
<tr>
<td>Serious Allergies</td>
<td>667</td>
<td>638</td>
<td>96%</td>
</tr>
<tr>
<td>Seizure Disorder</td>
<td>153</td>
<td>148</td>
<td>97%</td>
</tr>
<tr>
<td>T 1 Diabetes</td>
<td>72</td>
<td>70</td>
<td>97%</td>
</tr>
<tr>
<td>T 2 Diabetes</td>
<td>17</td>
<td>16</td>
<td>94%</td>
</tr>
<tr>
<td>Hypertension</td>
<td>27</td>
<td>26</td>
<td>96%</td>
</tr>
<tr>
<td>Obesity</td>
<td>26</td>
<td>25</td>
<td>96%</td>
</tr>
</tbody>
</table>

*pcp identified by parent on annual Health Information Form

Data provided by MMSD, 2013-14 school year
Data Source Summary

Of 10 PMs
- 3 come from School Health Profile
- 3 come from Training Tracking Tools
- 2 come from the DPI Annual Data Collection/Step Up
- 2 came from one pilot district for previous year
Your Responsibility for 2015-16

1. Complete DPI Annual School Nurse Data Collection and submit by June 20, 2016

2. Collect absence data for students with specific chronic conditions (asthma, diabetes, seizure disorders) using your Student Information System.

3. Consider/explore collecting information from families about insurance and primary care provider status with a goal of assisting families to connect as needed

Individual, face to face, technical assistance is available from me for #2 and #3
Questions/comments