The Kansas Disability and Health Program: Addressing Health Promotion and Physical Activity for Kansans with Disabilities

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Background

Kansans with disabilities experience significant barriers to health promotion and physical activity programs and, not surprisingly, also experience substantial health disparities. In 2015, only 12.8 percent met physical activity guidelines, though most reported wanting to be more physically active. Similarly, 73% of Kansans with a disability are overweight or obese. Overall, Kansans with disabilities are three times more likely to have diabetes and five times more likely to have heart disease than are Kansans without disabilities.

These figures underscore the strong need to improve accessibility to health promotion and physical activity programs for people with disabilities in Kansas. In addition, health care professionals must understand that people with disabilities can and should participate in physical activity as much as people without disabilities. Yet, research has shown that physicians are less likely to ask patients with disabilities about their exercise and smoking habits. In addition, many physician offices do not have accessible scales for wheelchair users to assess their weight.

The Kansas Disability and Health Program (DHP) is a five-year CDC-funded initiative that will work to improve physical activity access, opportunities, and supports for Kansans with disabilities, especially those with mobility impairments and/or intellectual or developmental disabilities (IDD). In addition, the DHP will provide outreach to medical professionals about working with patients who have disabilities and disabilities (IDD). In addition, the DHP will provide outreach to medical professionals about working with patients who have disabilities and disabilities (IDD). The DHP is also exploring the possibility of adding or supplementing content on disability cultural competence to medical and health professional curricula throughout the state.

Project Purpose

• Improve physical activity access, opportunities, and supports
• Improve knowledge of oral health and oral health system capacity
• Improve knowledge of and access to good nutrition

Target Populations

• The Kansas program defines people with mobility limitations very broadly to include individuals of any age who have any physical characteristic or condition that limits their mobility.
• Likewise, for the purposes of this program, intellectual disabilities include all cognitive, developmental and intellectual conditions that affect an individual’s ability to process information.

Kansas at Baseline: Physical Activity*

• Kansans with disabilities are 7 times more likely to perceive their health status as fair or poor compared to those not having disabilities.
• Kansans with disabilities are significantly less likely to participate in recommended levels of physical activity compared to Kansans without disabilities. At the same time, however, Kansans with disabilities report wanting to be more physically active.
• Barriers to increased physical activity include: lack of accessible exercise facilities, lack of provider knowledge of how to support physical activity for people with disabilities, lack of availability of physical activity programs designed specifically for people with mobility limitations or intellectual/developmental disabilities (IDD)

*Kansas BRFSS

Kansas at Baseline: Nutrition

• More than 90% of Kansans with disabilities do not consume the recommended five servings of fruits and vegetables per day.*
• In a statewide survey we conducted, 76% of people with IDD and 74% of people with physical disabilities in Kansas reported being overweight or obese, compared to 63% of the general population.**

*Kansas BRFSS. **Hall, Kurth & Hunt, 2013

Kansas at Baseline: Oral Health

Oral Health Status

<table>
<thead>
<tr>
<th></th>
<th>Kansans with Physical Disabilities</th>
<th>Kansans with IDD</th>
<th>All Kansans/Americans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Missing at least one permanent tooth due to decay or gum disease</td>
<td>59%</td>
<td>44%</td>
<td>34%</td>
</tr>
<tr>
<td>Painful aching</td>
<td>65%</td>
<td>40%</td>
<td>20%</td>
</tr>
<tr>
<td>Uncomfortable to eat</td>
<td>63%</td>
<td>36%</td>
<td>17%</td>
</tr>
</tbody>
</table>

*Hall, Chapman & Kurth, 2012

Working with Health Care Providers

One of our strategies for implementing the DHP involves working with health care providers. We will provide continuing education and professional development opportunities for health care professionals, including oral health care professionals, on how to make their services fully accessible to people with disabilities. These activities will include providing information and resources on making facilities and materials accessible to people with disabilities and understanding how to best support and encourage a variety of health promotion activities for this population.

The DHP is also exploring the possibility of adding or supplementing content on disability cultural competence to medical and health professional curricula throughout the state.

Statewide Collaborations

A Consumer Advisory Board will help program staff identify evidence-based programs that make it easier to practice a healthy lifestyle. The DHP will also work with the following organizations to offer these programs to Kansans with disabilities.

• Self-Advocate Coalition of Kansas
• Oral Health Kansas
• Kansas Association of Centers for Independent Living
• Interhab
• KUMC Area Health Education Centers
• The Arc of Douglas County
• Special Olympics - Kansas
• Pednet
• Families Together
• Health Literacy Kansas
• SafeKids Kansas
• Disability Rights Center
• Kansas Council on Developmental Disabilities
• Statewide Independent Living Council of Kansas
• Kansas Department of Health & Environment
  • Bureau of Oral Health
  • Bureau of Health Promotion (BHP) Arthritis Program
  • BHP Early Detection Works
  • Bureau of Family Health
  • BHP Injury Prevention & Disability
  • BHP Community Health Promotion
  • Cancer Prevention and Control
  • BHP-BRFSS Science and Surveillance

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