Orthopedic Specialty Hospital (TOSH)

Located in Murray, Utah, a suburb of Salt Lake City, in Salt Lake County, the Orthopedic Specialty Hospital (TOSH) is Intermountain’s orthopedic hospital for in and out-patient services with 40 staffed beds. In 2019, they participated in a community health needs assessment to understand how to help people live the healthiest lives possible*. This hospital participated in a collaborative, system approach to identify health indicators, gather community input, and determine the significant health needs to address over the next few years. TOSH identified the significant health needs as:

- Improve Mental Well-Being, Prevent Avoidable Disease & Injury, and Improve Air Quality

TOSH, which is part of Intermountain Healthcare, joined 27 other agencies from Utah to co-chair a statewide collaboration that guides and implements the CHNA process with public health, behavioral health, and other not-for-profit organizations. The collaboration has improved access to data, reduced duplication of efforts, and increased ability to align strategies in addressing complex health issues.

TOSH defined its community using zip codes that align with local public health efforts from the Utah Department of Health small areas.

What we heard from the community

TOSH co-hosted a community input meeting with the Utah Department of Health and its local public health department. This meeting included representatives from: food pantries, health advocate groups, healthcare providers (including FQHCs), human service agencies, law enforcement, local business, local government, low-income, uninsured, underserved populations, behavioral health service providers and local mental health authorities, minority organizations, safety net clinics, school districts/higher academic institutions, state and local health departments. Highlights from this community input meeting include:

- Chronic conditions related to unhealthy weight and behaviors continue to be critical health issues because most individuals are too busy to prioritize healthy habits.
- Poor air quality affects both mental and physical health.
- Mental health needs have increased exponentially in the past five years.
- Substance misuse is perpetuated by stigma and lack of regulations on vaping and marijuana.
- Lack of affordable housing and living wages are critical social determinants of health.

What we know about the health needs

Below are health indicators that present the most opportunity to improve health in this community:

<table>
<thead>
<tr>
<th></th>
<th>Salt Lake County</th>
<th>State of Utah</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequent mental distress</td>
<td>16.9%</td>
<td>17.5%</td>
</tr>
<tr>
<td>Depression</td>
<td>22.4%</td>
<td>21.6%</td>
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<tr>
<td>Suicide death rate</td>
<td>22.8 per 100,000</td>
<td>22.0 per 100,000</td>
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<tr>
<td>Drug poisoning death rate</td>
<td>24.2 per 100,000</td>
<td>22.4 per 100,000</td>
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<tr>
<td>Childhood immunizations</td>
<td>Na</td>
<td>67.9%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>7.2%</td>
<td>7.7%</td>
</tr>
<tr>
<td>High blood pressure</td>
<td>26.6%</td>
<td>25.7%</td>
</tr>
<tr>
<td>Unhealthy air days (as measured by AQI)</td>
<td>40</td>
<td>174</td>
</tr>
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Better than State  Similar to State  Worse than State

Why are these health issues important?

- According to the Centers for Disease Control and Prevention (CDC), chronic conditions related to obesity, such as diabetes and poor cardiovascular health, continue to be the leading cause of death and disability in the United States. The community this hospital serves is no exception.
- Mental health disorders are medical conditions that disrupt a person’s thinking, feeling, mood, ability to relate to others and daily functioning. Just like chronic diseases, mental health disorders are treatable, however, many cases often go unrecognized and untreated. There is a strong relationship between chronic disease, depression, and other mental health concerns.
- Suicide is the sixth leading cause of death in Utah.
- Drug poisoning deaths are a preventable public health problem; they are the leading cause of injury death in Utah, outpacing deaths due to firearms, falls, and motor vehicle crashes.
- Immunizations are one of the most cost-effective, safe, and effective health prevention measures and play an essential role in reducing and eliminating disease.
- Unintentional injuries and suicides have been the leading causes of child injury deaths in Utah.
- Air quality measures the amount of pollution in the air. Poor air quality is associated with several adverse health outcomes, including reproductive health issues, poor birth outcomes, and an increase risk of heart attacks, strokes, and high blood pressure.

How are we going to address these health needs?

Based on the results of the CHNA, Intermountain Healthcare engaged representatives of state and local health departments and multiple community partners to identify potential implementation plans. Partners who participated in the previous community input meeting were invited again to discuss strategies, in addition to representatives from community libraries and case managers. These planning efforts were used to develop a three-year plan outlining health improvement strategies for TOSH to address the significant health needs using evidence-based programs.

TOSH’s implementation plan leverages systems and local resources to create partnerships that will improve health outcomes, with a particular focus on low-income, underserved, and uninsured populations. The implementation plan, which is reported in a separate document, includes a description of the resources Intermountain has committed to the strategies and how such resources will be augmented by collaborative partnerships in each hospital community. Outcome measures will be tracked and reported annually through the evaluation process.

For more information about Intermountain Healthcare’s community health efforts, contact: Mikelle Moore, Chief Community Health Officer and Senior Vice President, mikelle.moore@imail.org
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