Celebrating Wyoming’s 125th Anniversary

Images courtesy of Wyoming State Archives, Department of Parks and Cultural Resources.

Sara Medley, CEO
Who We Are

OUR VISION

To be the “go-to” resource for driving innovation in health care systems in the states we serve

OUR MISSION

To supply customized resources, innovative tools and health care services that positively impact our populations and communities
Working to improve health care since 1973

- Montana – 1973
- Wyoming – 1984
- Hawaii and the U.S. Pacific Territories of American Samoa, Guam and the Commonwealth of the Northern Mariana Islands – 1996
- Alaska – 2005
Working with Medicaid since 1974

Montana DPHHS Medicaid

- Medicaid Utilization Review and Management Services
- Home and Community Services
- Transportation Management Services
- Developmental Disabilities
- Severe Disabling Mental Illness
- Pharmacy

Image courtesy of Wyoming State Archives, Department of Parks and Cultural Resources.
Health Technology Services (HTS) is the federally designated Regional Extension Center for the states of Montana and Wyoming and was started in 2010.
Health Technology Services ... a department of Mountain-Pacific Quality Health

- HTS offerings
  - Meaningful Use Achievement Assistance
  - Quality Program Reporting Assistance
  - HIPAA Privacy and Security Assistance
  - Lean Sigma Healthcare Methodology
What We Have Accomplished so Far

- Assisted more than **1,300 providers in Montana and Wyoming** to implement EHRs and achieve Meaningful Use
  - EPs in Montana = 1054
  - EPs in Wyoming = 318

- **Assisted 13 Wyoming critical access hospitals** implement EHRs and achieve Meaningful Use

- Brought **an estimated $7 million** into Wyoming from the CMS incentive programs
"The team at Health Technology Services have gone above and beyond to help our facility. HTS has guided us through every step of the Meaningful Use process from registering our providers, to the attestation process and everything in between. They were always available to answer our questions. We would like to express our gratitude for the amount of effort HTS has provided us along the way. HTS gave us a sense of security in the bewildering process of implementation, recording and attesting."

Stevana Gosbee, RN, BSN, CPhT, Nursing Supervisor - Cheyenne Obstetrics & Gynecology

Hawaii also serves the U.S. Pacific Territories.
Contracted by CMS

Centers for Medicare & Medicaid Services (CMS)

Goals for Health Care

Healthy People, Healthy Communities

Better Health Care for Communities

Better Health Care at Lower Costs

Ultimate quality improvement goals
Improve **Cardiac Health** and Reduce Cardiac Disparities

- Aligning with the Million Hearts® initiative efforts

- Partnering with key stakeholders, health care providers and home health agencies

- Staff has reached 100% of its target recruitment goal so far in Wyoming

Image courtesy of Wyoming State Archives, Department of Parks and Cultural Resources.
Improve Cardiac Health Through **Coordination and Innovation**

- Improve *prevention coordination* through **Meaningful Use of HIT** and collaboration with **Health Technology Services**, the regional extension center (REC) for Wyoming

- Reaching Medicare Beneficiaries through **Play for Prevention**

"I like the close interaction with professional people who spoke the same language as the community. It was nice to know others have the same concerns."

- Recent Play for Prevention Participant
Reducing Disparities in Diabetes Care: **Everyone with Diabetes Counts (EDC)**

- Centers for Disease Control and Prevention (CDC) - estimate **29.1 million** people have diabetes - **8.1 million** of those people are undiagnosed.

- Goal - improve diabetes health literacy, care and outcomes through the *Everyone with Diabetes Counts* program.

- In Wyoming, we focus on training the trainer using the Diabetes Education Empowerment Program (DEEP)™.
Diabetes Education Should be a Priority

### 2015 Diabetes Prevalence in Wyoming

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate residents with diagnosed diabetes:</td>
<td>34,700</td>
</tr>
<tr>
<td>Residents with undiagnosed type 2 diabetes:</td>
<td>17,100</td>
</tr>
<tr>
<td>Senior residents with pre-diabetes</td>
<td>36,300</td>
</tr>
</tbody>
</table>

### 2015 Estimated Economic Impact

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical cost of diabetes:</td>
<td>$357M</td>
</tr>
<tr>
<td>Nonmedical cost: (including lost productivity)</td>
<td>$143M</td>
</tr>
<tr>
<td>Total cost:</td>
<td>$500M</td>
</tr>
</tbody>
</table>

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# Reducing Disparities in Diabetes Care… Success So Far

## Medicare Beneficiaries Completing DSME Classes

<table>
<thead>
<tr>
<th>Location</th>
<th>Completions</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hawaii and Pacific Territories</td>
<td>🟢</td>
<td>🟢</td>
</tr>
<tr>
<td>Montana</td>
<td>🟢</td>
<td>🟢</td>
</tr>
<tr>
<td>Wyoming</td>
<td>🟢</td>
<td>🟢</td>
</tr>
<tr>
<td>Alaska</td>
<td>🟢</td>
<td>🟢</td>
</tr>
</tbody>
</table>
Reducing Disparities in Diabetes Care: Everyone with Diabetes Counts (EDC)

- 9 facilitators trained
- 1 facilitator trained to conduct Spanish language classes in Jackson
- Classes continue, both for trainers and for those with diabetes or who have pre-diabetes
Reduce **Health Care Associated Infections** in Hospitals

- In the previous scope of work, all hospitals participated with Mountain-Pacific and reported data.
- CMS measured our progress to eliminate CAUTIs and CLABSI by the **Rate/1000** and by their **Utilization rates**. 
  *C. diff* was measured by the **Rate/1000**.
- In the new scope of work CMS is focusing on the **SIR** for CAUTI, CLABSI and *C. diff*.
Reduce **Health Care Associated Infections** in Hospitals

- The goal for the SIR for CAUTI, CLABSI and C.diff < 1.

**Current rates in Wyoming are below 1 for CAUTI, CLABSI and C.diff for all reporting units.**

- All of the data for this measure is self-reported into the National Healthcare Safety Network (NHSN)

- All CMS recruitment goals have been met
Reduce **Health Care Associated Infections in Hospitals**

- Mountain-Pacific will still report both the Rate/1000 and utilization rates for all of our facilities every month and have added the SIR at both the state and facility levels
Reduce **Health Care Acquired Conditions** in Nursing Homes

**86% PRESSURE ULCERS**

Amazing success reducing the incidence of pressure ulcers by 20%. Wyoming nursing homes shattered the goal, with a 86% reduction in pressure ulcers, going from a rate of **12.12% to 1.69%**

- Currently **34** of our 38 nursing homes agree to work with us to maintain and build on past successes

*Image courtesy of Wyoming State Archives, Department of Parks and Cultural Resources.*
Reduce **Health Care Acquired Conditions** in Nursing Homes

- Through the National Nursing Home Quality Care Collaborative and Mountain-Pacific’s nursing home Learning and Action Network (LAN), participating facilities learn how to
  - implement evidence-based, quality and performance improvement practices;
  - eliminate health care acquired conditions;
  - improve resident satisfaction.
Reduce **Health Care Acquired Conditions** in Nursing Homes

- The Collaborative is a one-stop resource for learning about and implementing principles from national programs and campaigns like Quality Assurance and Performance Improvement (QAPI)
Reduce **Health Care Acquired Conditions in Nursing Homes**

- Reduction in use of antipsychotic medication

- Residents on an antipsychotic are almost **50% more likely to fall**.

- 70 and older are 3.5 times more likely to be hospitalized due to an adverse reaction from an antipsychotic medication.
Reduce **Health Care Acquired Conditions** in Nursing Homes

- Timeline to reduce the percentage of long-stay residents who receive antipsychotic medications:
Antipsychotic Medication Use in Wyoming Nursing Home Facilities
Coordination of Care Goals

- Reduce Medicare hospital readmission rates by twenty-percent by 2019
- Reduce Medicare hospital admissions rates by twenty-percent by 2019
- Increase “community tenure,” shown by Medicare beneficiaries spending ten-percent more nights at home by 2019
- Reduce the prevalence of adverse drug events (ADEs)
Coordination of Care in Wyoming

Statewide: Quarterly Readmissions Per 1,000 Eligible Medicare Beneficiaries

Quarters

Readmission success so far...
## Readmission Success

<table>
<thead>
<tr>
<th>State</th>
<th>Medicare Patients</th>
<th>% of Re-admissions</th>
<th>Medicare Patients</th>
<th>% of Re-admissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>WY</td>
<td>74,390</td>
<td>40%</td>
<td>84,909</td>
<td>31%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State</th>
<th>Predicted 2013 readmissions based on 2010</th>
<th>Readmissions avoided in 2013</th>
<th>Estimated savings per avoided readmission</th>
<th>Estimated savings in 2013 from avoided readmissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK</td>
<td>2,507</td>
<td>418</td>
<td>$10,000</td>
<td>$4,182,146</td>
</tr>
<tr>
<td>HI</td>
<td>3,628</td>
<td>694</td>
<td>$10,000</td>
<td>$6,940,425</td>
</tr>
<tr>
<td>MT</td>
<td>5,917</td>
<td>1,009</td>
<td>$10,000</td>
<td>$10,089,417</td>
</tr>
<tr>
<td>WY</td>
<td>3,385</td>
<td>716</td>
<td>$10,000</td>
<td>$7,164,025</td>
</tr>
<tr>
<td>Totals</td>
<td></td>
<td>2,838</td>
<td></td>
<td>$28,376,013</td>
</tr>
</tbody>
</table>
## Readmission Success So Far...

<table>
<thead>
<tr>
<th>State</th>
<th>Medicare Patients 2013</th>
<th>Medicare Patients 2014</th>
<th>% of Re-admissions 2013</th>
<th>% of Re-admissions 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>AK</td>
<td>75,068</td>
<td>78,597</td>
<td>29%</td>
<td>25%</td>
</tr>
<tr>
<td>HI</td>
<td>123,913</td>
<td>126,960</td>
<td>24%</td>
<td>21%</td>
</tr>
<tr>
<td>MT</td>
<td>158,303</td>
<td>160,829</td>
<td>31%</td>
<td>28%</td>
</tr>
<tr>
<td>WY</td>
<td>84,909</td>
<td>88,088</td>
<td>32%</td>
<td>31%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>State</th>
<th>Predicted 2014 readmissions avoided in 2013</th>
<th>Estimated savings per avoided readmission</th>
<th>Estimated savings in 2014 from avoided readmissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>WY</td>
<td>2,803</td>
<td>$10,000</td>
<td>$941,631</td>
</tr>
</tbody>
</table>
Mountain-Pacific is now planning to target Adverse Drug Events (ADE)

https://mpqhf.maps.arcgis.com/apps/Viewer/index.html?appid=6d458aad8f06428b8436a97256d9868f

Care Coordination Going Forward
Care Coordination Pharmacy Snapshot

• https://mpqhf.maps.arcgis.com/apps/Viewer/index.html?appid=6d458aad8f06428b8436a97256d9868f
Improving **Immunization** Rates

- Mountain-Pacific is aligning with **Healthy People 2020**, government program that promotes disease prevention

- Our goal is to increase immunization rates for **influenza**, **pneumococcal disease and herpes zoster** by one million previously unimmunized Medicare beneficiaries by 2019

- We are partnering with local health care providers, physician offices, home health agencies, local government and key stakeholders to achieve this goal
Questions?

Contact Us
(307) 472-0507 • (877) 810-6248 • www.mpqhf.org

Quality Improvement Organizations
Sharing Knowledge. Improving Health Care.
CENTERS FOR MEDICARE & MEDICAID SERVICES

Mountain-Pacific Quality Health

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