## South Dakota Heart Disease and Stroke

### Vision:
Healthy people, healthy communities, healthy South Dakota

### Mission:
To improve quality of life of all South Dakotans through prevention and control of heart disease and stroke

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### Goals

<table>
<thead>
<tr>
<th>I. IMPROVE DATA COLLECTION</th>
<th>II. PRIORITY POPULATIONS</th>
<th>III. CONTINUUM OF CARE</th>
<th>IV. PREVENTION &amp; MANAGEMENT</th>
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### Objectives

<table>
<thead>
<tr>
<th>I. IMPROVE DATA COLLECTION</th>
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<tbody>
<tr>
<td>1. Identify and track data to support at least one heart disease and stroke policy change or recommendation by 2021.</td>
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<tr>
<td>In Process*</td>
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<td>2. Increase input into at least 4 data collection tools by organizations and/or individuals by 10% by 2021.</td>
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<tr>
<td>In Process*</td>
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*Integrated across other goal areas

### Strategies

#### A. Identify and promote tracking of a common set of minimum cardiovascular health data for use for both prevention and improvement of post-cardiac event outcomes.

1. Decrease the age-adjusted death rate due to heart disease in the American Indian population from 212.5 per 100,000 (2015) to 202.0 per 100,000 by 2021.\(^1\)
   **Progress:** 290.9 per 100,000 (2018)

2. Decrease the age-adjusted death rate due to stroke in the American Indian population from 48.5 per 100,000 (2015) to 46 per 100,000 by 2021.\(^1\)
   **Progress:** 38.6 per 100,000 (2018)

#### B. Promote the different models of team-based, patient-centered care (health cooperative clinic, health homes, PCMH).

1. Decrease emergency response times by decreasing average ambulance chute times from 5.23 minutes (2018) to 3.25 minutes by 2021.\(^2\)
   **Progress:** 2.9 minutes (2019)

2. Increase the number of EMTs in South Dakota from 3,281 EMTs (2016) to 3,850 EMTs by 2021.\(^3\)
   **Progress:** 3,328 EMTs (2019)

3. Identify and designate 5 cardiac ready communities by 2021.
   **Progress:** 2 communities pursuing designation (2020)

#### C. Maximize community-clinical linkages (e.g. CHW, different sectors).

1. Decrease prevalence of heart attack from 4.7% (2015) to 4.45% by 2021.\(^3\)
   **Progress:** 5.1% (2018)

2. Decrease prevalence of stroke from 2.6% (2015) to 2.47% by 2021.\(^3\)
   **Progress:** 2.7% (2018)

### Sources:
(1) Vital statistics (2) ORH EMT database (Note: Baseline chute times data is from 2018 due to changes in data measurement) (3) BRFSS 2018

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*60 of this document have been printed on Recycled Paper by the South Dakota Dept. of Health at a cost of $0.74 each, funded 100% by KHEIS and K-45 under grant # HHS/PEP005236-01-H, Improving the Health of Americans Through Prevention and Management of Diabetes and Heart Disease and Stroke in South Dakota.*