



# DP18-1816

## Well-Integrated Screening and Evaluation for WOMen Across the Nation (WISEWOMAN)

### West Virginia • Recipient Profile<sup>1</sup>

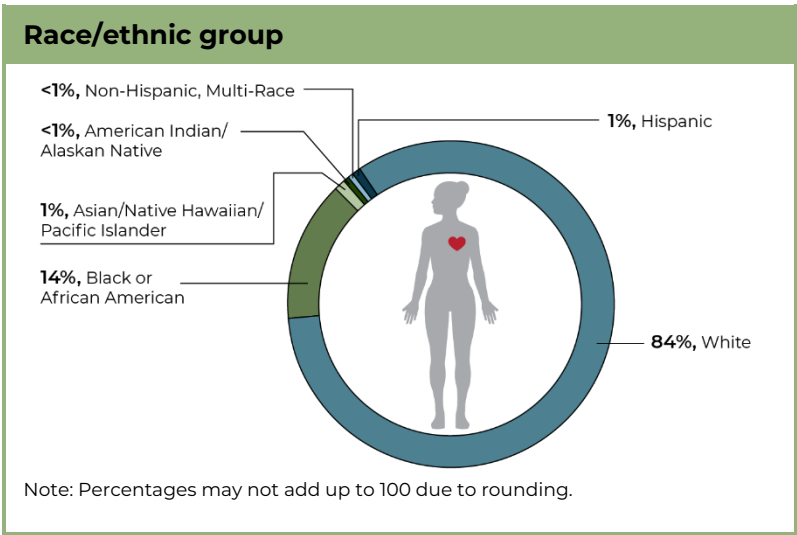
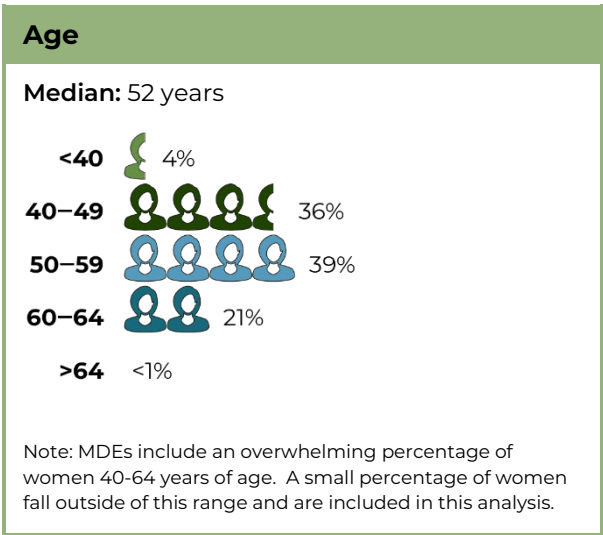
Program Years 1 – 3 (September 2018 – September 2021)

The **West Virginia Department of Health** is a recipient of the CDC-funded WISEWOMAN cooperative agreement (CDC-RFA-DP18-1816). The WISEWOMAN program provides heart disease and stroke risk factor screenings and services to promote healthy behaviors to low-income, uninsured, and underinsured women aged 40 to 64 years. As a WISEWOMAN recipient, West Virginia is implementing the following strategies to improve the diagnosis, care, and management of women with hypertension: (1) strengthen clinical quality measurement, (2) support team-based care, and (3) facilitate community-clinical linkages.

<p><b>Year 3 Core Funding:</b> \$600,000</p> <p><b>First Year Funded:</b> 2003</p> <p><b>Participation in Other CDC Heart Disease and Stroke Programs:</b></p> <ul style="list-style-type: none"> <li>■ <b>DP18-1815:</b> Improving the Health of Americans Through Prevention and Management of Diabetes and Heart Disease and Stroke</li> </ul>	<p><b>Recipient Organization:</b> West Virginia Department of Health</p> <p><b>Prevalence of Hypertension:</b> <sup>2, 3</sup></p> <p>59% of West Virginia WISEWOMAN participants had high blood pressure at baseline screening</p> <p><b>Key Partners:</b></p> <ul style="list-style-type: none"> <li>■ University of West Virginia</li> <li>■ Health Promotion and Chronic Disease</li> <li>■ Breast and Cervical Cancer Program</li> </ul>
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## WISEWOMAN participants in Program Years 1 through 3

WISEWOMAN recipients submit data to CDC biannually describing the number of women served and the types of services received. During Program Years 1 through 3 (September 30, 2018 – September 29, 2021), the **West Virginia WISEWOMAN program served 573 women**; distribution of participants by age and race/ethnicity is shown below.<sup>2</sup>



<sup>1</sup> This profile provides an overview of the activities and key achievements during Program Years 1 through 3 of the WISEWOMAN DP18-1816 program (September 2018 - September 2021), as reported within recipients' annual evaluation reports, annual progress reports for Program Years 1 through 3, annual performance measure report as of December 31, 2021, and Minimum Data Elements (MDEs). For more information, please contact [DHDSPEvaluation@cdc.gov](mailto:DHDSPEvaluation@cdc.gov).

<sup>2</sup> Based on an analysis of MDE data for women who were screened in Program Years 1 through 3, including complete, BP+, and incomplete screening records (n = 573). Hypertension rate and distribution by age and race/ethnicity at baseline include 524 participants with valid data for key elements at baseline screening.

<sup>3</sup> High blood pressure is defined as systolic blood pressure > 139 mmHg or diastolic blood pressure > 89mmHg.



## WISEWOMAN strategies to promote cardiovascular health

The WISEWOMAN program uses **evidence-based approaches to heart disease and stroke prevention** within health care systems and throughout communities. Women who are screened and found to have high blood pressure, diabetes, or high blood cholesterol receive clinical care and are referred to healthy behavior support services (HBSS), including lifestyle programs, health coaching, and risk reduction strategies with community support. Below, we describe the West Virginia program’s approach to this work and provide updates on West Virginia’s performance measures through the end of Program Year 3.<sup>4</sup>



### Strategy 1. Track and monitor clinical measures shown to improve healthcare quality and identify patients with hypertension

The WISEWOMAN program aims to **improve sharing and use of clinical data** among providers to facilitate care coordination and promote better health outcomes.

Highlights from West Virginia	Performance measures
<ul style="list-style-type: none"> <li><b>Generated data reports for clinical providers</b> that identify participants with hypertension and other CVD risk factors.</li> <li><b>Identified program-eligible patients</b> in the electronic health record system and enrolled them in WISEWOMAN.</li> </ul>	<p><b>100%</b> of WISEWOMAN participants were screened by providers that have a protocol for identifying patients with undiagnosed hypertension (<b>573 women</b>).</p> <hr/> <p><b>25%</b> of WISEWOMAN providers implemented a community referral system (through bi-directional referrals) for HBSS for people with high risk for CVD (<b>1 provider</b>).</p>



### Strategy 2. Implement team-based care to reduce CVD risk with a focus on hypertension control and management

**Use of team-based care** helps ensure provider adherence to evidence-based guidelines and policies for participants with high blood pressure and high cholesterol and increases participation of non-physician team members. This approach also helps participants manage their own health and CVD risk factors.

Highlights from West Virginia	Performance measures
<ul style="list-style-type: none"> <li><b>Used a team-based care assessment tool</b> to gauge clinics' use of team-based care.</li> <li><b>Provided technical assistance</b> on use of a team-based care protocol.</li> </ul>	<p><b>100%</b> of WISEWOMAN participants were screened by providers that have policies or systems to implement a multidisciplinary team-based approach to blood pressure control (<b>573 women</b>).</p>



### Strategy 3. Link community resources and clinical services that support bi-directional referrals, self-management, and lifestyle change for women at risk for CVD

**Linkages to HBSS**, including health coaching and lifestyle programs (LSPs), help engage participants in the WISEWOMAN program. West Virginia's LSP partners include the National Diabetes Prevention Program, Expanded Food and Nutrition Education Program, and Weight Watchers.

Highlights from West Virginia	Performance measures
<ul style="list-style-type: none"> <li><b>Encouraged providers to use the community resource list</b> in West Virginia Health Connection.</li> <li><b>Used West Virginia Health Connection</b> to share bi-directional feedback between clinical providers and HBSS providers.</li> </ul>	<p><b>100%</b> of WISEWOMAN participants were referred to an appropriate HBSS (<b>573 women</b>).</p> <hr/> <p><b>NV<sup>5</sup></b> of WISEWOMAN participants who were referred to an HBSS attended at least one session.</p>



**5 out of 20** participants with known high blood pressure achieved blood pressure control in Year 3 compared to **an unknown number** of participants in Year 1<sup>6</sup>.

<sup>4</sup> Based on an analysis of performance measure data for women who were served in Program Years 1 through 3 (n = 573). This data source is different than the MDE data reported on Page 1.

<sup>5</sup> NV = Not valid; value is not included in the aggregate analysis.

<sup>6</sup> The number of participants that achieved blood pressure control is unknown because the recipient did not submit valid data for this measure in Year 1.