

2022-2023 Yellowstone County Community Health Needs Assessment

Data Packet: Diabetes

Recommended Citation: Professional Research Consultants, Inc.

2023 Community Health Needs Assessment Report: Yellowstone County, Montana

hbdyc.org/CHNA – Published January 4, 2023



How to Use This Data Packet

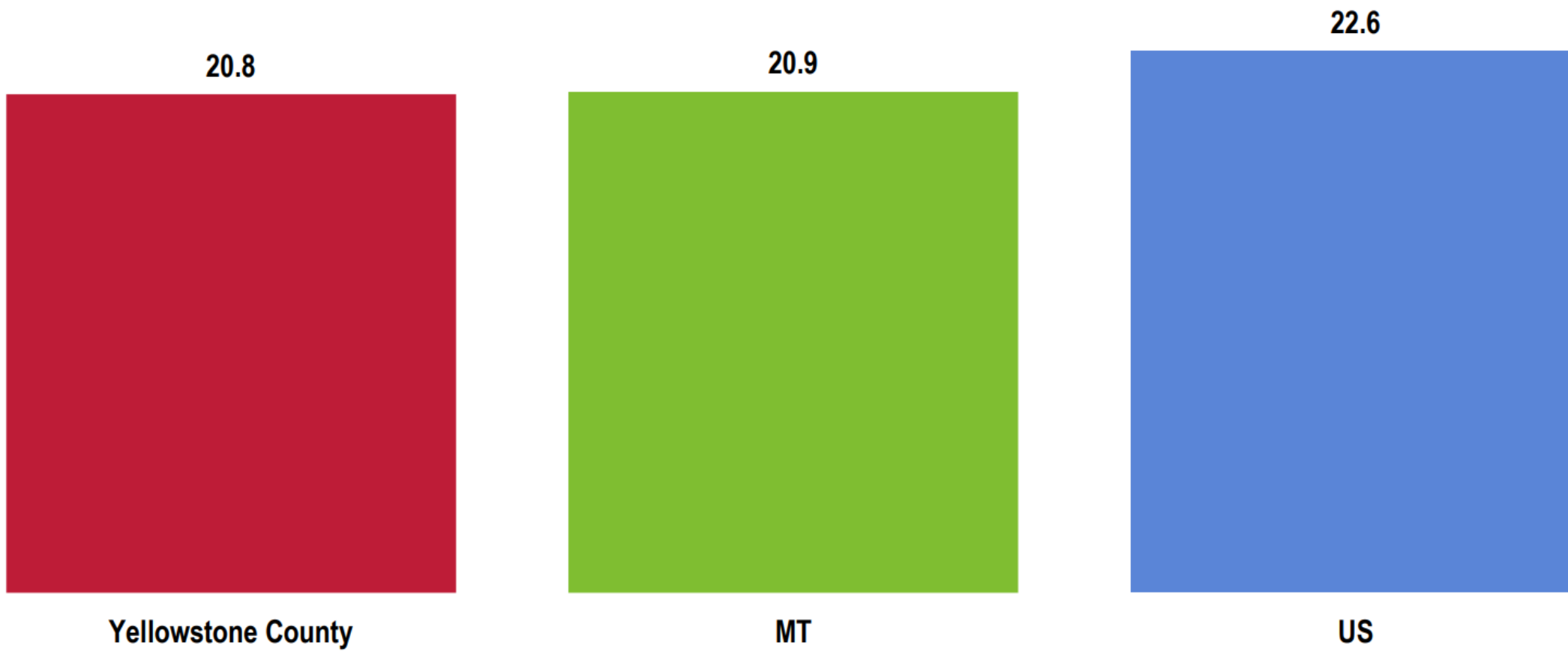
The graphs, data points, trends, and other insights shared in this data packet can be utilized when seeking:

- Verified local data for data acquisition or utilization purposes such as grant applications, local and non-local trend tracking, etc.
- High resolution slides for use in presentations or educational materials.
- Accessible, accurate data to increase understanding of community health topics and health disparities.
- A condensed, topic-specific alternative to reading 200+ pages of data!

Key Takeaways – Diabetes

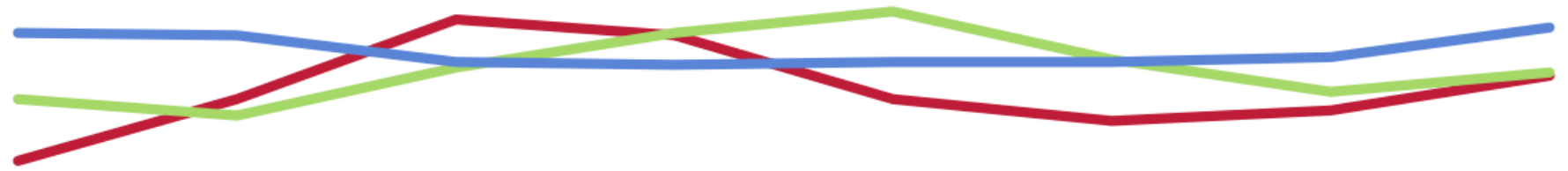
- Diabetes remains less prevalent in Yellowstone County (YC) when compared to state and national figures, with **8.9% of YC adults report having been diagnosed with diabetes.**
- Diabetes is **disproportionately more prevalent** in adults aged 65+ and People of Color.
- Since 2011-2013, Yellowstone County has seen an **overall increase in the prevalence of diabetes-related deaths.**

Diabetes: Age-Adjusted Mortality (2018-2020 Annual Average Deaths per 100,000 Population)



Sources: ● CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted July 2022.

Diabetes: Age-Adjusted Mortality Trends (Annual Average Deaths per 100,000 Population)

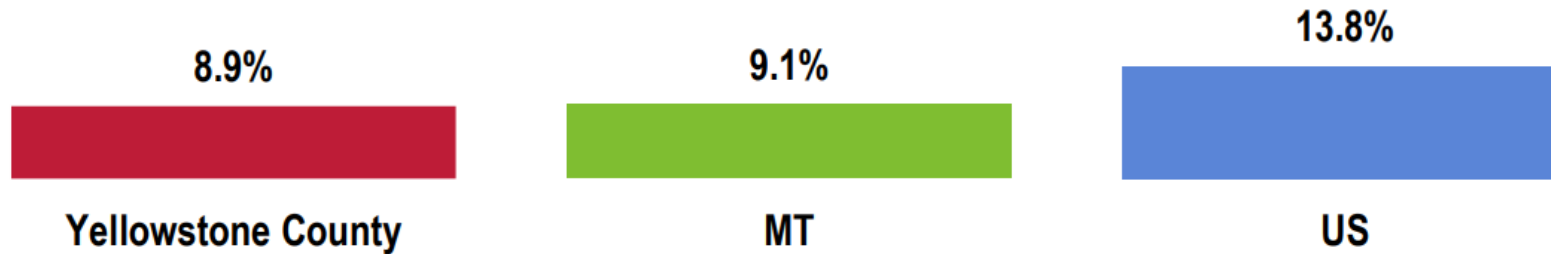


	2011-2013	2012-2014	2013-2015	2014-2016	2015-2017	2016-2018	2017-2019	2018-2020
Yellowstone County	17.6	19.9	22.9	22.3	19.9	19.1	19.5	20.8
MT	19.9	19.3	21.1	22.4	23.2	21.4	20.2	20.9
US	22.4	22.3	21.3	21.2	21.3	21.3	21.5	22.6

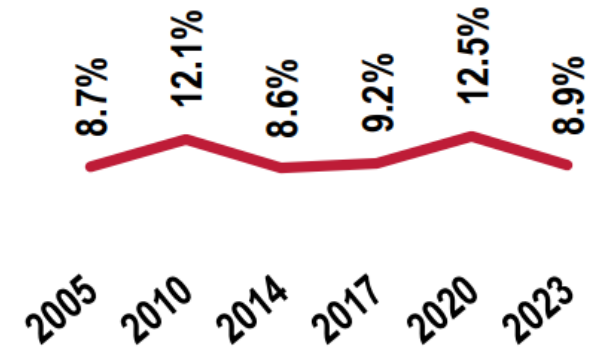
Sources: ● CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted July 2022.

Prevalence of Diabetes

Another 11.4% of adults have been diagnosed with “pre-diabetes” or “borderline” diabetes.



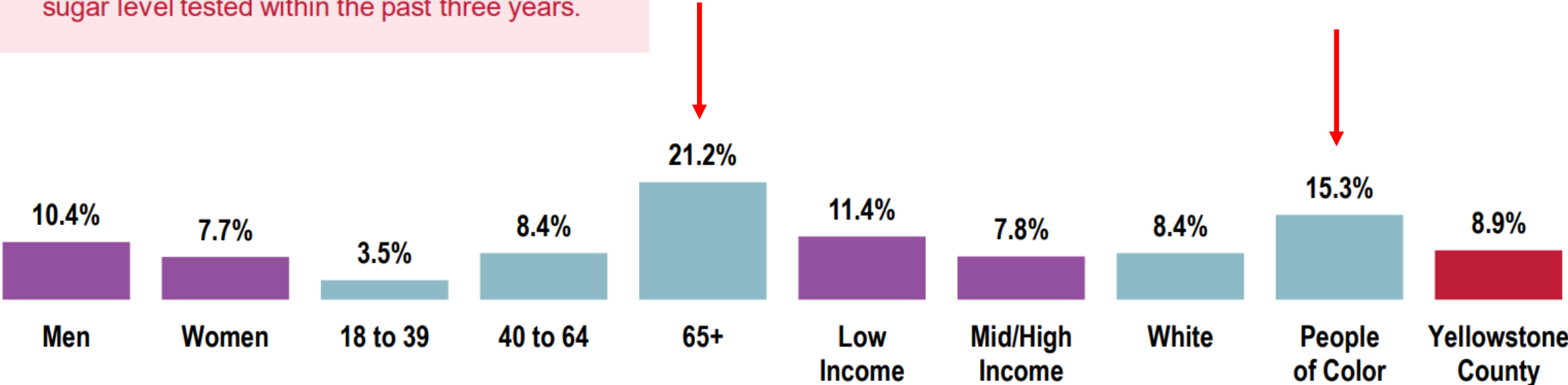
Yellowstone County



- Sources:
- 2023 PRC Community Health Survey, PRC, Inc. [Item 121]
 - Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia. United States Department of Health and Human Services, Centers for Disease Control and Prevention (CDC): 2020 Montana data.
 - 2020 PRC National Health Survey, PRC, Inc.
- Notes:
- Asked of all respondents. Excludes gestational diabetes (occurring only during pregnancy).

Prevalence of Diabetes (Yellowstone County, 2023)

Note that among adults who have not been diagnosed with diabetes, 42.7% report having had their blood sugar level tested within the past three years.



Sources: ● 2023 PRC Community Health Survey, PRC, Inc. [Items 33, 121]
Notes: ● Asked of all respondents.
● Excludes gestational diabetes (occurring only during pregnancy).

Key Informant Input

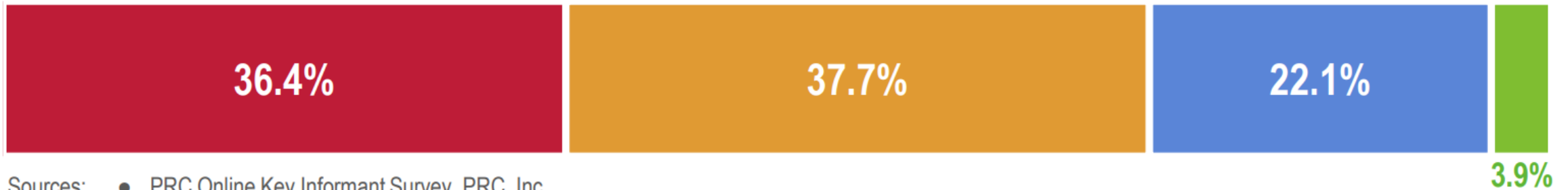
Perceptions of Diabetes as a Problem in the Community (Key Informants, 2023)

■ Major Problem

■ Moderate Problem

■ Minor Problem

■ No Problem At All



Sources: ● PRC Online Key Informant Survey, PRC, Inc.

Notes: ● Asked of all respondents.

Key Informant Input











Key informants highlighted topics such as:

- Accessing/utilizing **healthy foods**.
- **Lacking access** to physical activity or **lacking motivation** to maintain a physically active lifestyle.
- **Access to care/services/materials**, with a focus on financial considerations and educational/awareness efforts when considering day-to-day disease management.

“Due to poor transportation and family income, **nutritious foods are not accessible**, or individuals cannot afford to buy them. Diet change is a difficult issue to change in individuals as it's an individual choice that training tries to influence – sometimes successfully and most of the time not.”
– Social Service Provider

“The biggest challenge I see is that we seem to have a community that makes poor nutrition and exercise choices. **I think access and education could be made more available**, but I'm not sure if access is the issue or if people just aren't willing to make healthier choices.” – Community Leader

Diabetes Health Forecast

DIABETES	Yellowstone County	vs. MT	vs. US	vs. HP2030	TREND
Diabetes (Age-Adjusted Death Rate)	20.8	 20.9	 22.6		 17.6
% Diabetes/High Blood Sugar	8.9	 9.1	 13.8		 8.7
% Borderline/Pre-Diabetes	11.4		 9.7		 7.1
% [Non-Diabetics] Blood Sugar Tested in Past 3 Years	42.7		 43.3		 51.8

Published Community Health Needs Assessment at: www.hbdyc.org

*Visit the website to contact Healthy By Design
for additional information regarding the coalition or next steps*

Contact: Amy Queen, Community Health Improvement Manager
406.247.3223 amy@hbdyc.org

