

Stopping the Cascade: Reducing the burden of Chronic Kidney Disease by preventing or managing type 2 diabetes

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ALL IN GOOD HEALTH.

AGENDA

1. Introduction and overview
2. Current funding and support
3. Statistics for Nevada
4. Diabetes prevention
5. Diabetes management
6. Barriers and challenges
7. Next steps
8. Q & A
9. Contacts and acronyms





Introduction and Overview

- Chronic Disease Prevention and Health Promotion Section (CDPHP)
- Diabetes Prevention and Control Program (DPCP)
- DPCP team
 - Sarah Rogers, MPH, NDTR, CLC – Nutrition Unit Deputy Chief and Grant Principal Investigator
 - Godwin Nwando, MPH – Program Manager
 - *TBA* – Diabetes Coordinator
 - *TBA*– Evaluator

Funding

- CDC DP23-0020 award
 - 2023 – 2028
- ~ \$900,000 per year
- Subawards
 - Sanford Center for Aging at UNR (SCA)
 - Roseman University of Health Sciences (Roseman)
 - Nevada Business Group on Health (NVBGH)



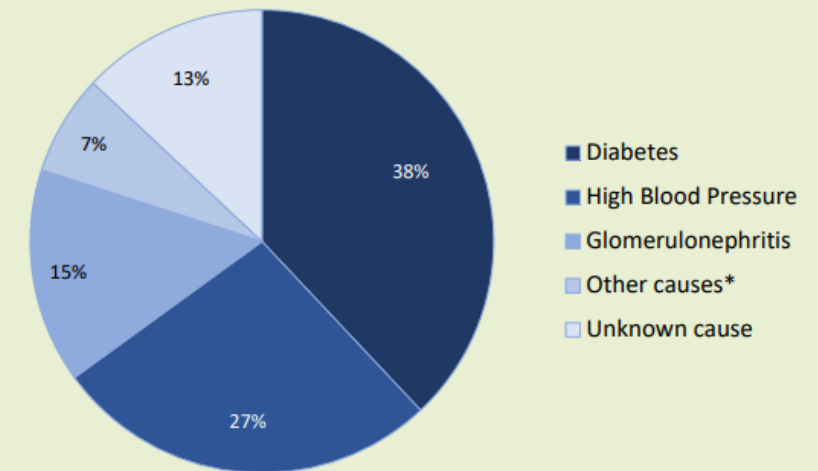
Nevada Statistics



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- Nevada prevalence
 - [Type 2 Diabetes Mellitus \(T2DM\)](#) - 10.6%
 - [Prediabetes](#) – 35.1%
 - [Chronic Kidney disease \(CKD\)](#) – 13.9% (U.S./crude)
- “Diabetes mellitus has emerged as the [most important risk factor for CKD](#) in the developed world.”
- As with prediabetes, [around 90%](#) of people with CKD are unaware of their disease status

Reported Causes of End-Stage Kidney Disease
in the United States

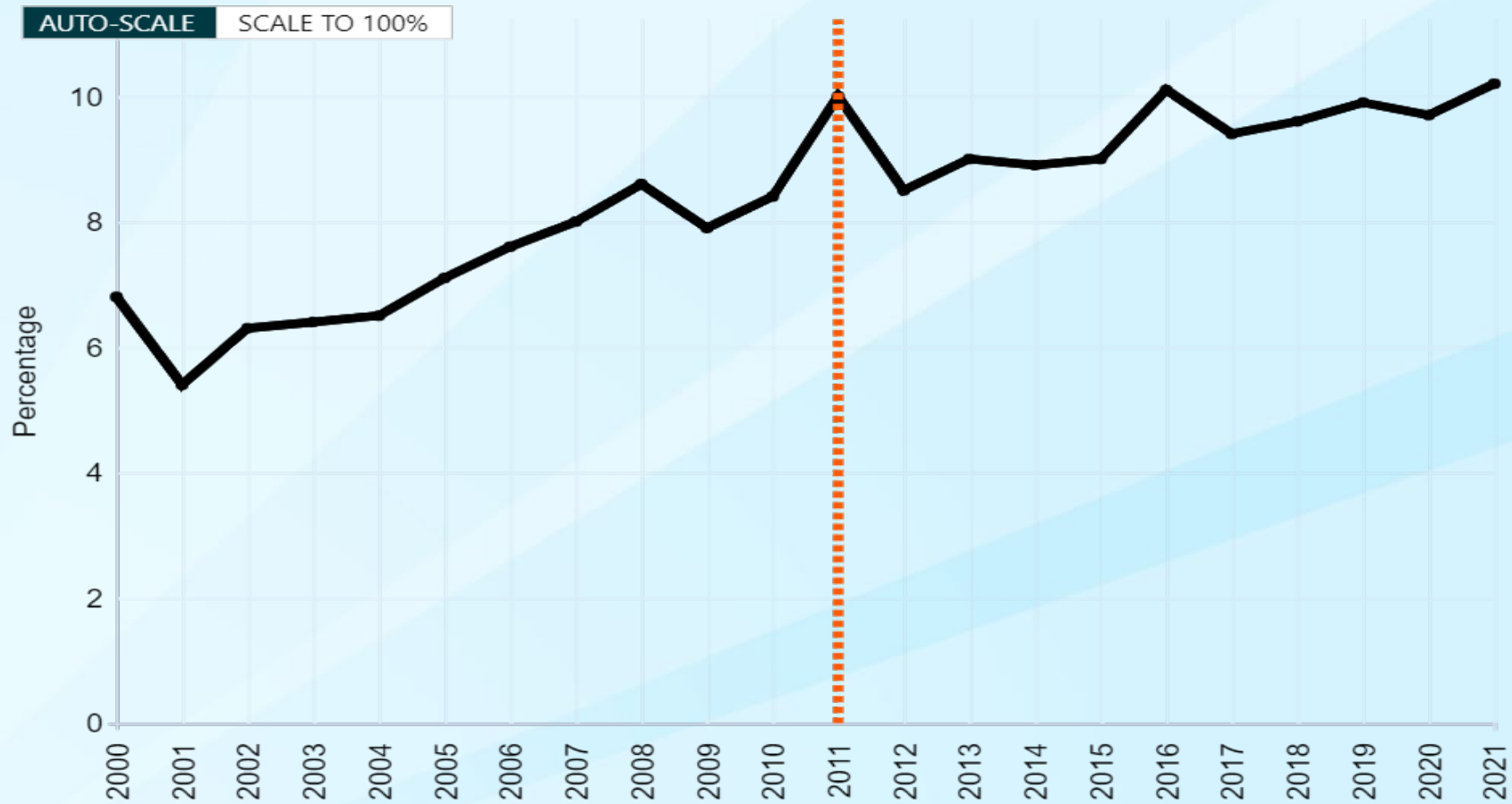


N=807,920 (all ages, 2020). Source: US Renal Data System.

*Includes polycystic kidney disease, among other causes.

[Chronic Kidney Disease in the United States, 2023 \(cdc.gov\)](https://www.cdc.gov/ckd/)

Diagnosed Diabetes, Total, Adults Aged 18+ Years, Age-Adjusted Percentage, Nevada



Source: [USDSS](#) Major changes to the survey methods in 2011

Horizontal dotted line indicates "No Data", "Suppressed Data" or both.

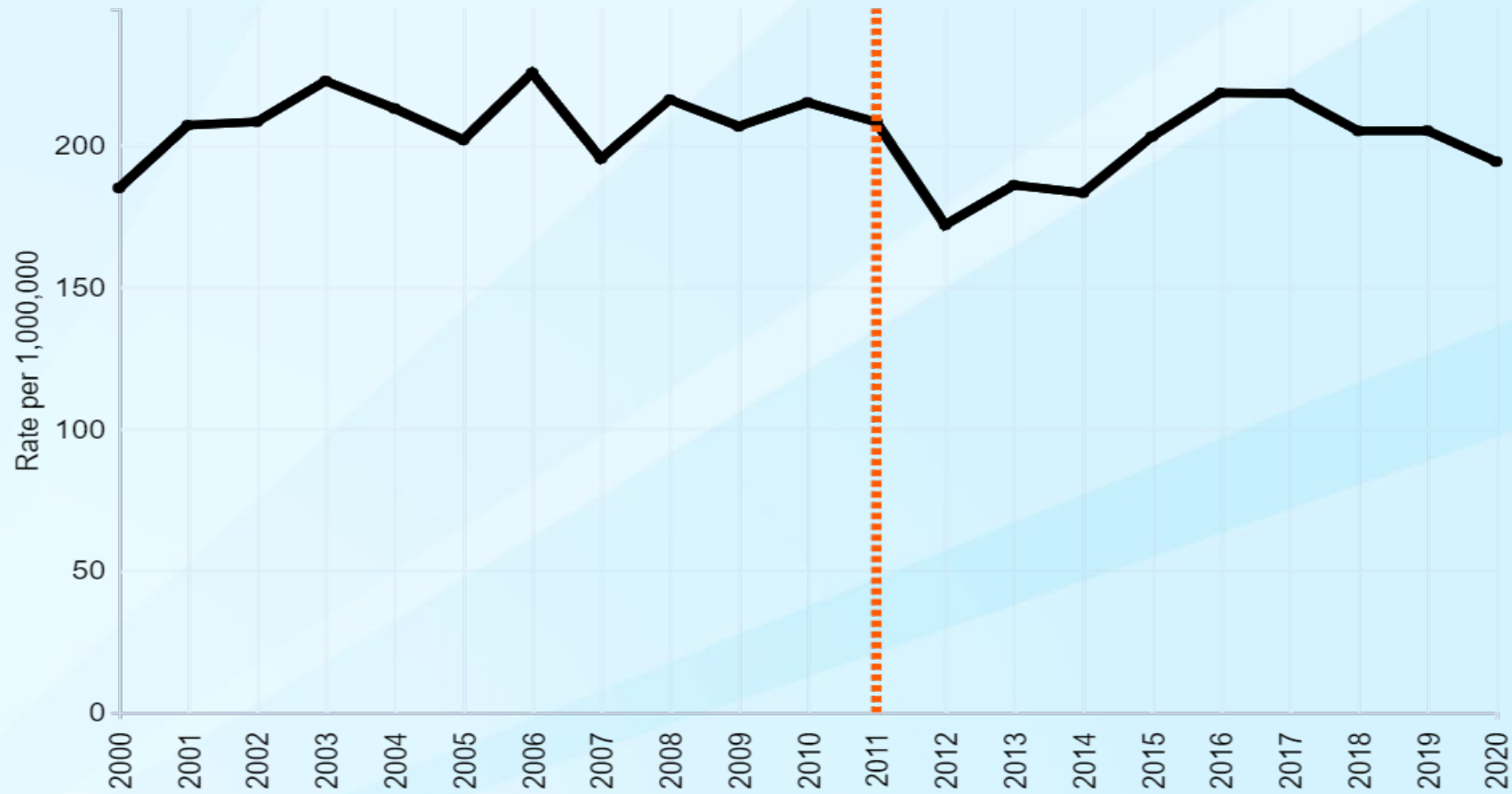
Disclaimer: This is a user-generated report. The findings and conclusions are those of the user and do not necessarily represent the views of the CDC.

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Division of Diabetes Translation



Diabetes Related ESRD Incidence, Total, Adults Aged 18+ Years, Age-Adjusted Rate per 1,000,000, Nevada



Source: [USDSS](#) Major changes to the survey methods in 2011

Horizontal dotted line indicates "No Data", "Suppressed Data" or both.

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Diabetes Prevention



- The National Diabetes Prevention Program ([National DPP](#))
 - # and type of program offerings
 - Employer and TPA coverage
- Outreach and education
 - Patients
 - Providers
- Coordination with other State programs

Diabetes Management

- Diabetes Self-Management Education and Support ([DSMES](#))
 - # and type of program offerings
 - Employer and TPA coverage
- Medication Therapy Management ([MTM](#))
- Outreach and education
 - Patients
 - Providers

Barriers and Challenges



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- Coordinating programs and activities
- Sustainable funding
 - Grant funding
 - Medicaid + Medicare
 - Insurance and TPAs
- Reaching priority populations
 - Spanish-speaking
 - 65+
 - Underserved groups
 - Rural populations





Next steps

- Education
 - Prediabetes
 - Kidney disease
- Test people with T2DM for CKD
- Coordinate efforts for address hypertension, T2DM, and CKD
 - Continuous Glucose Monitoring & flash Glucose Monitoring coverage in Medicaid
 - [Nevada 5210](#)
 - [Nevada Cardiovascular Health Program](#)
- Focus on lifestyle change

A photograph of a family walking outdoors, overlaid with a blue tint. In the foreground, a young girl with curly hair is smiling and riding a white scooter. She is wearing a white polo shirt and dark pants. Behind her, a woman in a striped shirt is pushing a stroller, and a man in a dark polo shirt is walking to the left. The background shows trees and a house. The word "Questions" is written in white, bold, sans-serif font, underlined with a yellow bar.

Questions



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CONTACT INFORMATION

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ACRONYMS

- CDC – the U.S. Centers for Disease Control and Prevention
- CGM – continuous glucose monitors
- CKD – chronic kidney disease
- T2DM – type 2 diabetes mellitus
- TPA – third-party administrators (usually for insurance plans)
- UNR – University of Nevada, Reno



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