



DIABETES PREVENTION PROJECT

A NORTH CAROLINA APPROACH

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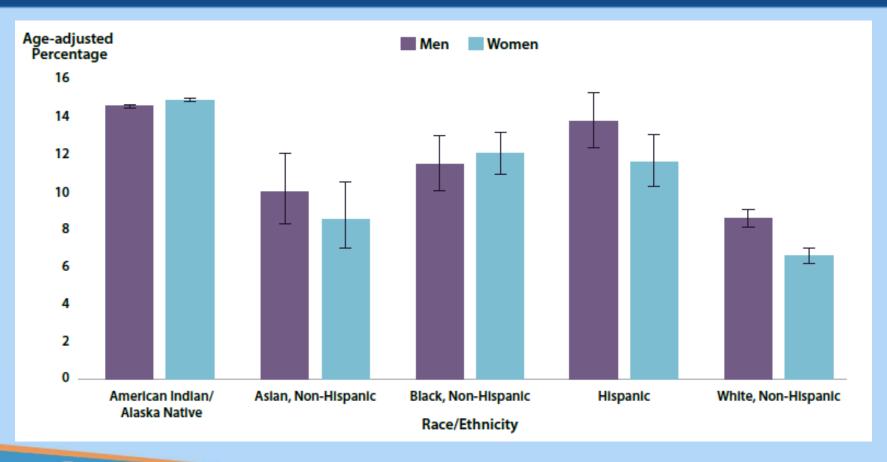
Objectives

- > Review epidemiology, screening and diagnosis of diabetes
- Explain Diabetes Prevention Program
- Identify available community resources for diabetes prevention in North Carolina

Diabetes Prevalence (2018)

- > Prevalence: 34.2 million Americans, or 10.5% of the population
 - ➤ **Diagnosed:** 26.8 million
 - Undiagnosed: 7.3 million
- > Prevalence in seniors (age ≥ 65): 26.8%, or 14.3 million seniors
- ➤ New cases: 1.5 million Americans are diagnosed with diabetes every year.

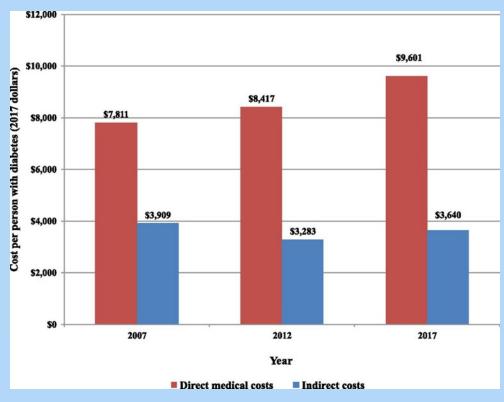
Prevalence of Diabetes 2017-2018

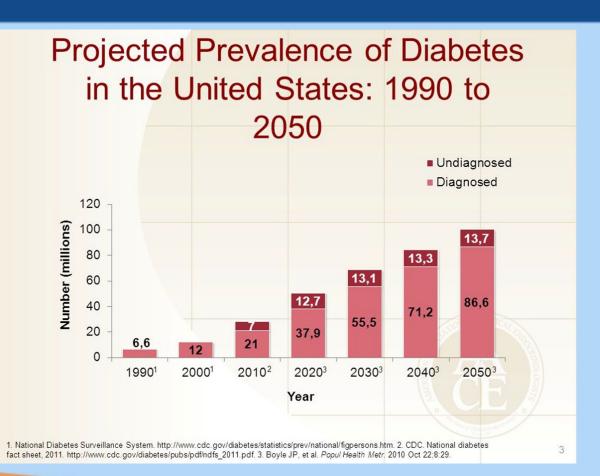


Cost of Diabetes 2007-2017



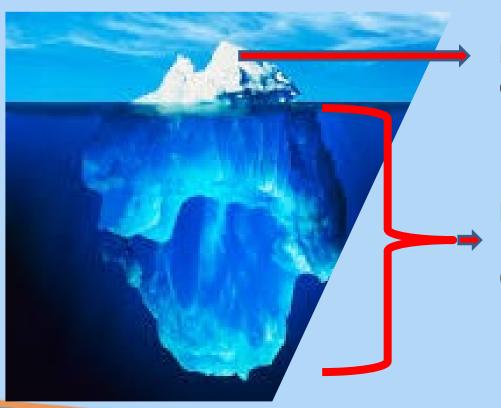
Average Cost of Diabetes 2007-2017







Diabetes – Tip of the iceberg



Diabetes: 34.2 million people have diabetes (10.5% of the US population)

Prediabetes: 88 million adults aged 18 years or older have prediabetes (34.5% of the adult US population)

WHO'S AT RISK

for prediabetes or type 2 diabetes?

You could have prediabetes or type 2 diabetes and not know it—there often aren't any symptoms. That's why it makes sense to know the risk factors:





Physically active less than 3 times/week



Family history of type 2 diabetes



High blood pressure



History of gestational diabetes*



Overweight

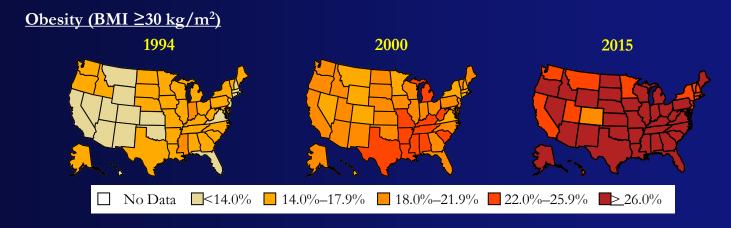
*Diabetes during pregnancy. Giving birth to a baby weighing 9+ pounds is also a risk factor.

DID YOU KNOW... African Americans, Hispanic/Latino Americans, American Indians/Alaska Natives, Pacific Islanders, and some Asian Americans are at higher risk.

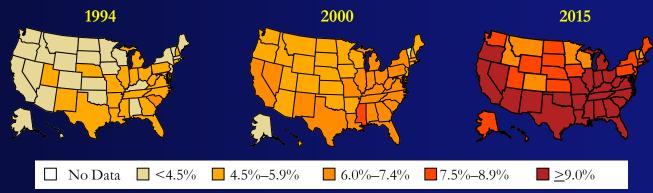
If you have any of the risk factors, ask your doctor about getting your blood sugar tested.



Age-adjusted Prevalence of Obesity and Diagnosed Diabetes Among US Adults



Diabetes







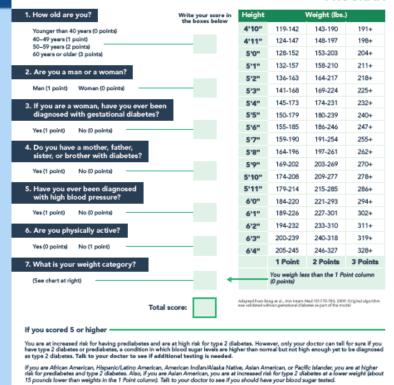
Prediabetes Risk Test

NATIONAL === DIABETES **PREVENTION** PROGRAM

Risk Test provided by the American Diabetes Association and the Centers for Diabetes Council and Responsible

CDC

American



DOIHAVE PREDIABETES? More than 1 in 3 American adults have prediabetes, which can lead to type 2 diabetes, and 85% don't know they have it. In North Carolina alone, 34.5% of adults have prediabetes. Find out if you may have prediabetes with just a few quick questions.



Prediabetes is a condition in which blood glucose levels are higher than normal but not high enough to be diagnosed as type 2 diabetes. Having prediabetes can put you at a higher risk for developing type 2 diabetes and other serious health problems. The good news is that prediabetes is treatable and potentially reversible.



STEP 1 Take the prediabetes risk test.

Take the 1-minute prediabetes risk test today by using the QR code

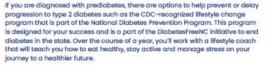
Access the QR reader by hovering your smart phone's camera over the coded image and click the link that appears.



STEP 2



If you scored 5 or higher, you are at increased risk for having prediabetes or type 2 diabetes. However, only your doctor can tell for sure if you have these conditions. Talk to your doctor to see if additional testing is needed.

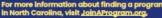




STEP 3

Contact a DiabetesFreeNC team member at (844) 328-0021.

A team member from DiabetesFreeNC can help you learn more about the National Diabetes Prevention Program and answer any questions (M-F, 7am-7pm). They can also help you find a free or low-cost program offered virtually or in-person throughout North Carolina.









SCAN ME

For more information about finding a program in North Carolina, visit <u>JoinAProgram.org</u>.







You can reduce your risk for type 2 diabetes Find out how you can reverse prediabetes and prevent or delay

type 2 diabetes through a CDC-recognized lifestyle change program at https://www.cdc.gov/diabetes/prevention/lifestyle-program



THE ROAD TO TYPE 2 DIABETES

DIABETES

PREDIABETES

NORMAL

A1C TEST



5.7 -6.4%

Below 5.7% FASTING BLOOD SUGAR TEST



100-125 mg/dL

99 mg/dL or below GLUCOSE TOLERANCE TEST



140-199 mg/dL

140 mg/dL or below

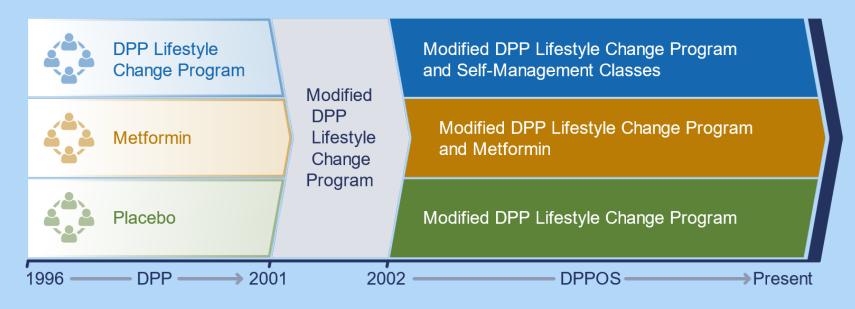


Source: American Diabetes Association

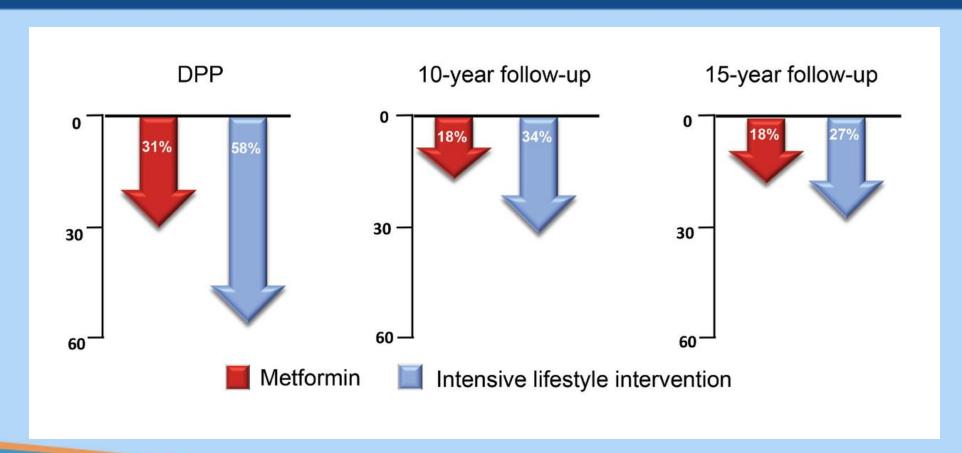


Diabetes Prevention Program (DPP) & DPP Outcomes Study (DPPOS)

DPP & DPPOS Timeline



Diabetes Prevention Program (DPP) & DPP Outcomes Study (DPPOS)







Working Together to Prevent Type 2 Diabetes

The National DPP lifestyle change program helps participants make sustainable, healthy lifestyle changes and achieve weight loss to lower their risk of developing type 2 diabetes.

Core curriculum

Participants attend 16 weekly sessions during the first six months

Follow-up phase

Participants attend one session a month (minimum of 6 sessions)

Understanding the National DPP lifestyle change program





Trained lifestyle coaches teach group classes

Programs deliver a CDC-approved curriculum



Emphasis on prevention and empowerment through a personal action plan

Quality assurance through the Centers for Disease Control and Prevention (CDC); programs are required to submit data on participant outcomes

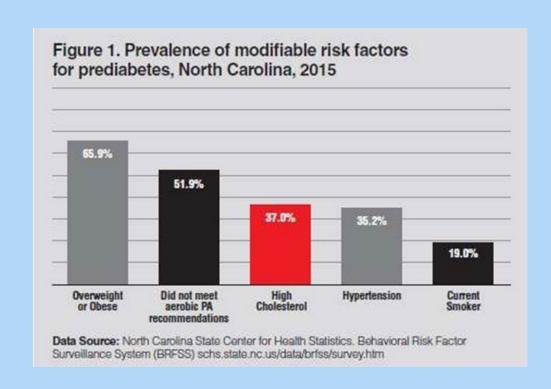
*Key standard for CDC recognition: Average participant body weight loss of 5%.



North Carolina

Over 50% of adults are overweight or obese.

An estimated 2.8 million adults have prediabetes. That's 34.6% of our state population.



National DPP referral options in NC



http://ourcommunityhealthinitiative.org/diabetesfreenc/



https://nccare360.org/

Diabetes Free NC

https://diabetesfreenc.com/

DIRECT REFERRAL

*Availability of referral options may vary depending on your location and organization.



DiabetesFreeNC



Bi-directional feedback loop ensures continuity



Referral to a DPP provider:

Patient's name, contact information, lab values, etc.

Feedback on the patient's status: Enrollment, attendance, progress, program completion.



American Medical Association (AMA) resources



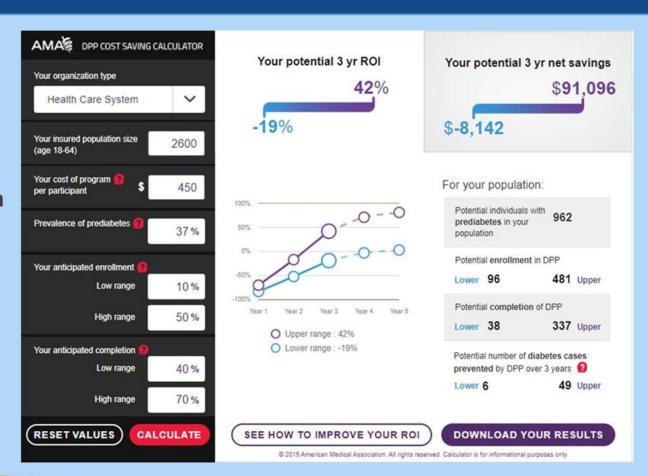
amapreventdiabetes.org



AMA resource: Return on Investment (ROI) calculator

Estimate the medical cost savings of prioritizing diabetes prevention for your patients with prediabetes.

https://ama-roi-calculator.appspot.com/





North Carolina is taking a stand against diabetes

Join us

DIABETESFREENC

- American Medical Association
- > North Carolina Medical Society
- > Centers for Disease Control and Prevention
- BlueCross BlueShield of North Carolina
- > NC Division of Public Health
- North Carolina State University
- > NC Department of Health and Human Services
- North Carolina Academy of Family Physicians
- University of North Carolina (UNC) School of Medicine
- University of North Carolina Asheville
- Wake Forest Baptist Medical Center

- ECU Brody School of Medicine
- LabCorp
- NC Alliance of YMCAs
- NC Community Health Center Assn
- NC Diabetes Advisory Council
- NC Division of Aging
- NC Division of Health Benefits
- > NC Healthcare Association
- NC Office of Minority Health
- NC State Health Plan
- UnitedHealthcare



Thank you!

