



Pan American Health Organization



*Regional Office of the
World Health Organization*

Challenges in Chronic Non-transmissible Diseases

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Objectives:

- Identify the Challenges
- Identify Key Determinants
- Address Global Diabetes
- Discuss U.S. – Mexico Border Diabetes Project
- Discuss RWJ Healthy Kids, Healthy Communities Chamizal Initiative
- Recommendations

Challenges on the Border

Chronic Non-Communicable Diseases

- Diabetes
- CVD
- Obesity
- Hypertension
- Cancer
- Co-morbidities



Key Determinants of Chronic Diseases

Chronic Diseases: Cardiovascular diseases including hypertension, cancers, diabetes, and chronic respiratory diseases

Biological Risk Factors: Modifiable: Overweight / obesity, high cholesterol, high blood sugar, high blood pressure. Non-modifiable: age, sex, race, genetics

Behavioral Risk Factors: Tobacco use, unhealthy diet, physical inactivity, alcohol abuse

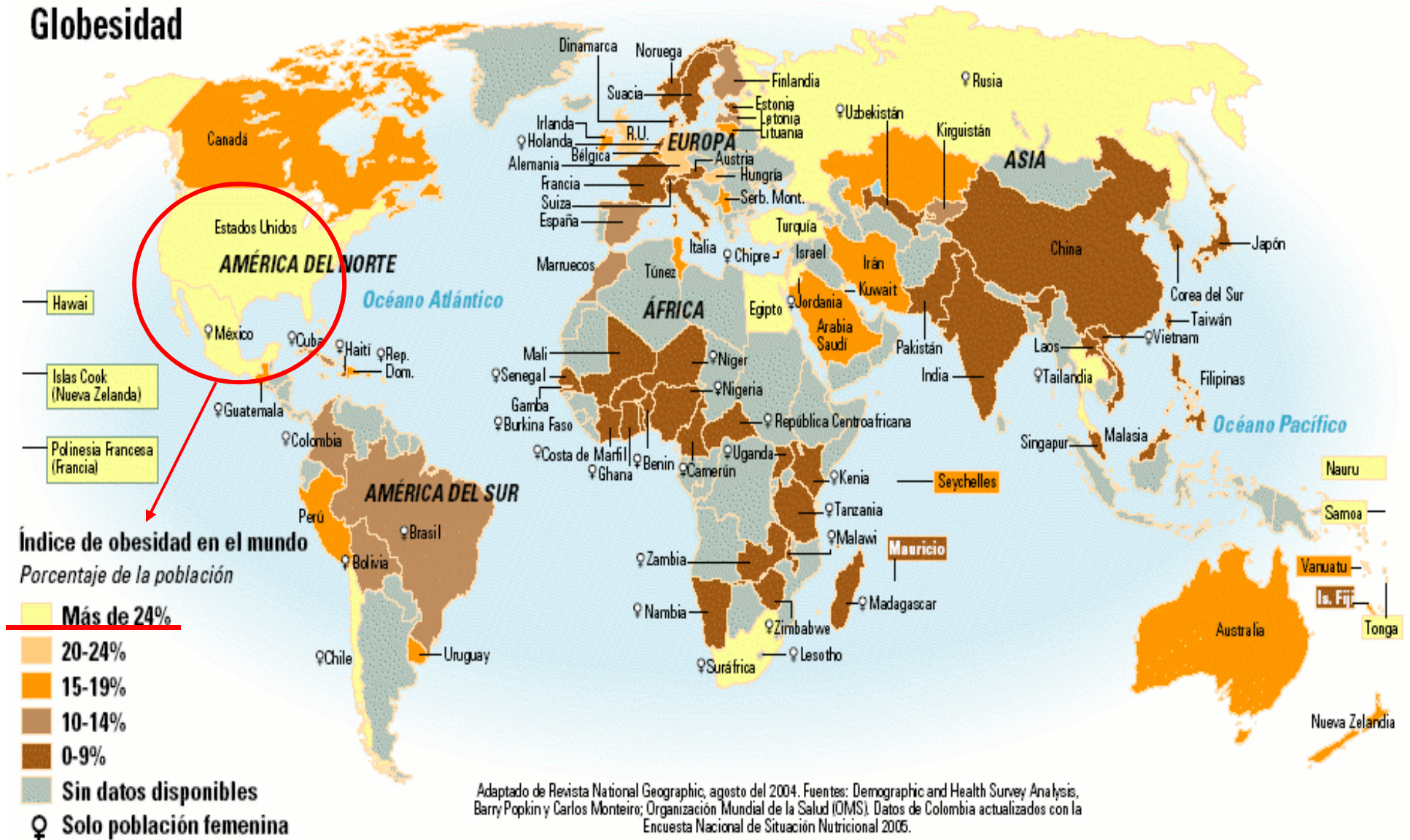
Environmental Determinants: Social, economic, physical infrastructure, education, access to health services and essential medicines

Global Influences: Globalization, urbanization, technology, migration



Global Picture of Obesity, 2004

Globesidad

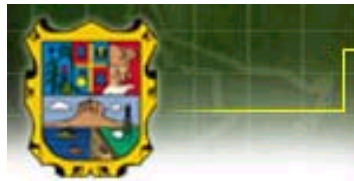


The U.S. Mexico Border Diabetes Project

2000-2010



Paso del Norte Health Foundation



La Iniciativa de
Salud Fronteriza
de Project Concern
Internationals
The Border
Health Initiative
of Project Concern Internationals



U.S. - Mexico Border Diabetes Prevention and Control Project 2000-2010

PHASE I: The Prevalence Study

- ✓ Diabetes
- ✓ Pre-diabetes
- ✓ Overweight
- ✓ Obesity
- ✓ Family history
- ✓ Hypertension
- ✓ Physical activity
- ✓ Diet
- ✓ Type of work
- ✓ Knowledge of diabetes
- ✓ Smoking
- ✓ Access to health care

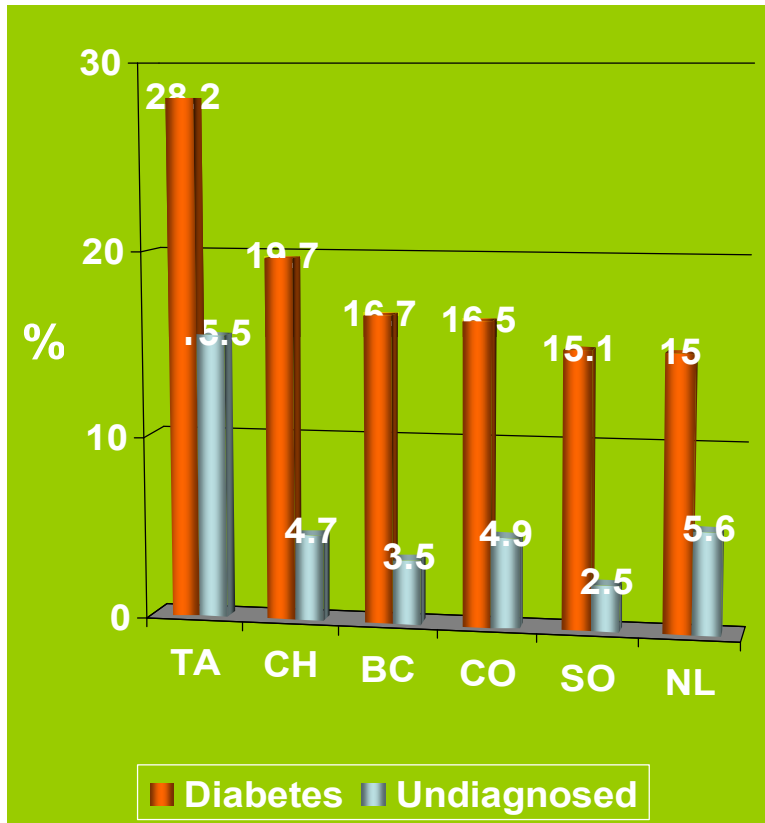


Personal de la Jurisdicción IV de Reynosa, recibiendo capacitación en relación a la Encuesta Bisanual de Diabetes.

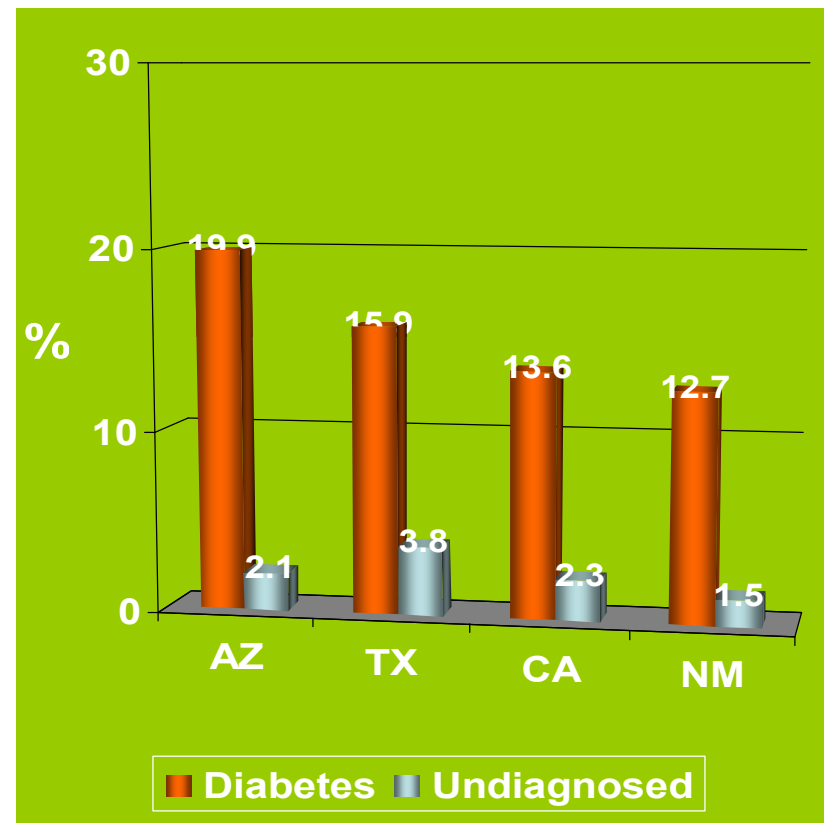


Prevalence of diabetes with and without diagnosis

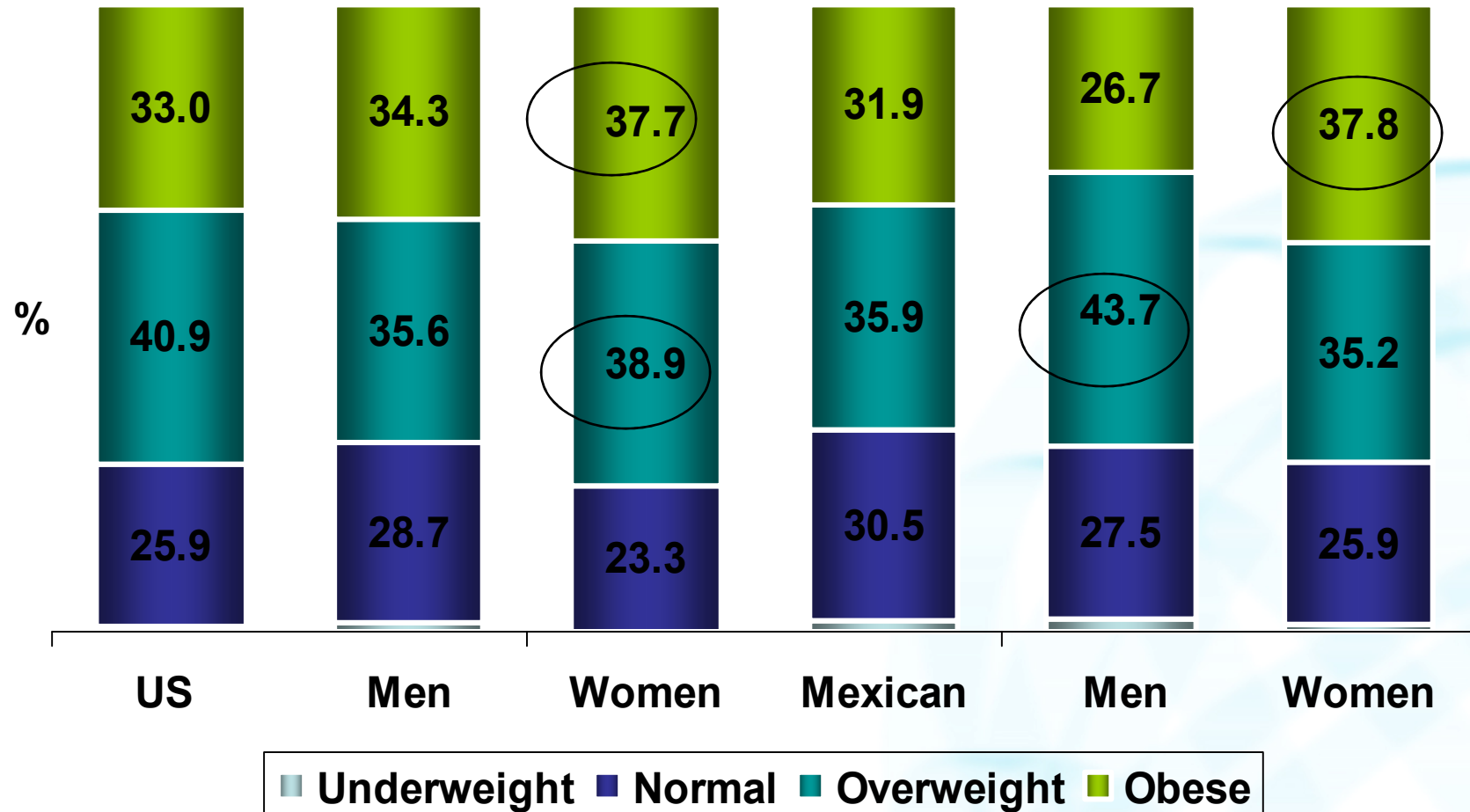
Mexican Border States



U.S. Border States



Prevalence of Overweight and Obesity at the US/Mexico Border – Men and Women



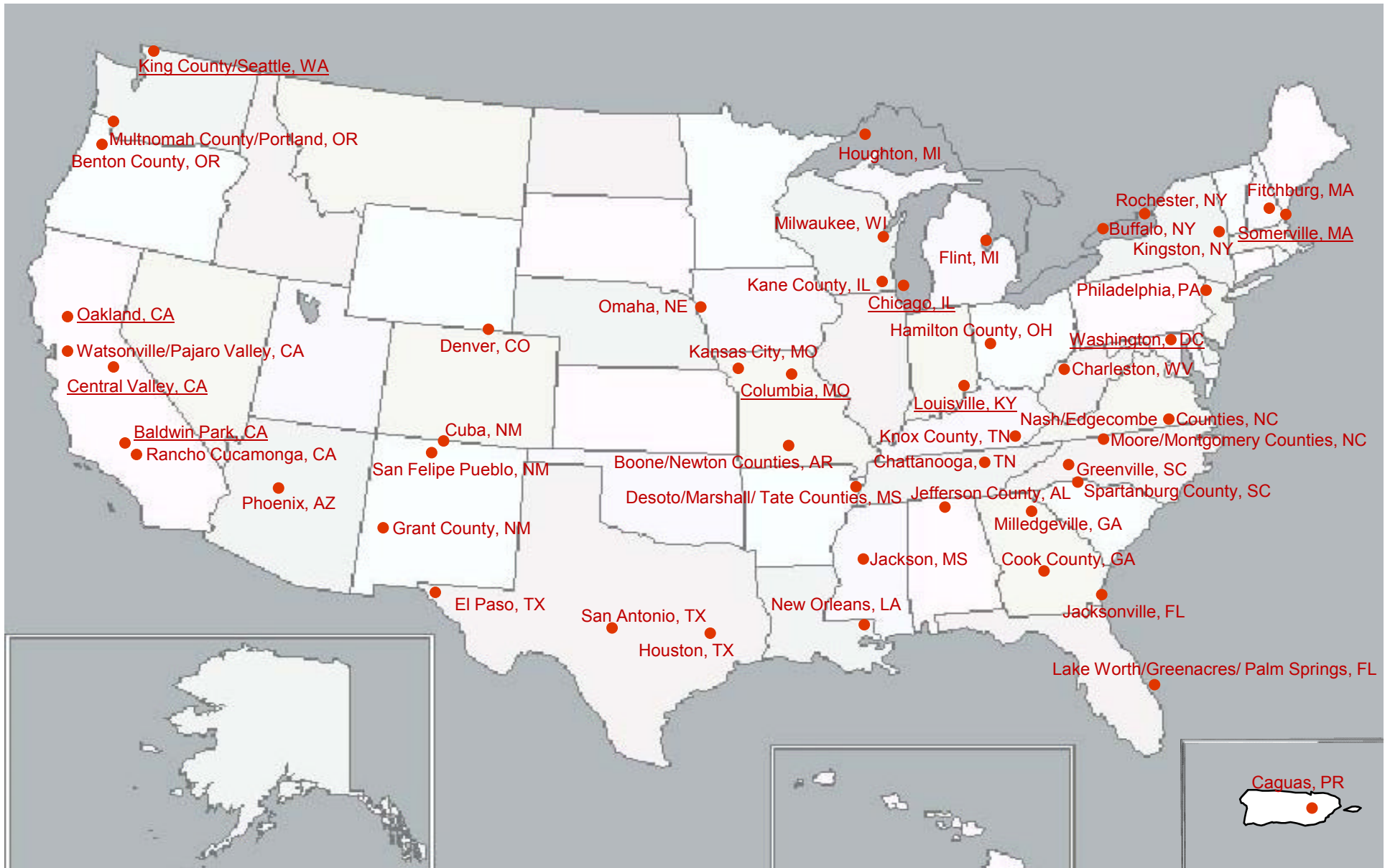
U.S. - Mexico Border Diabetes Prevention and Control Project 2000-2010

PHASE II: Training and Information Dissemination

- ✓ Workshops with health care professionals and *promotores*
- ✓ Community Forums
- ✓ Policy Briefs developed
 - ✓ Overweight and obesity
 - ✓ Healthcare access & quality of care
 - ✓ Interdisciplinary team building



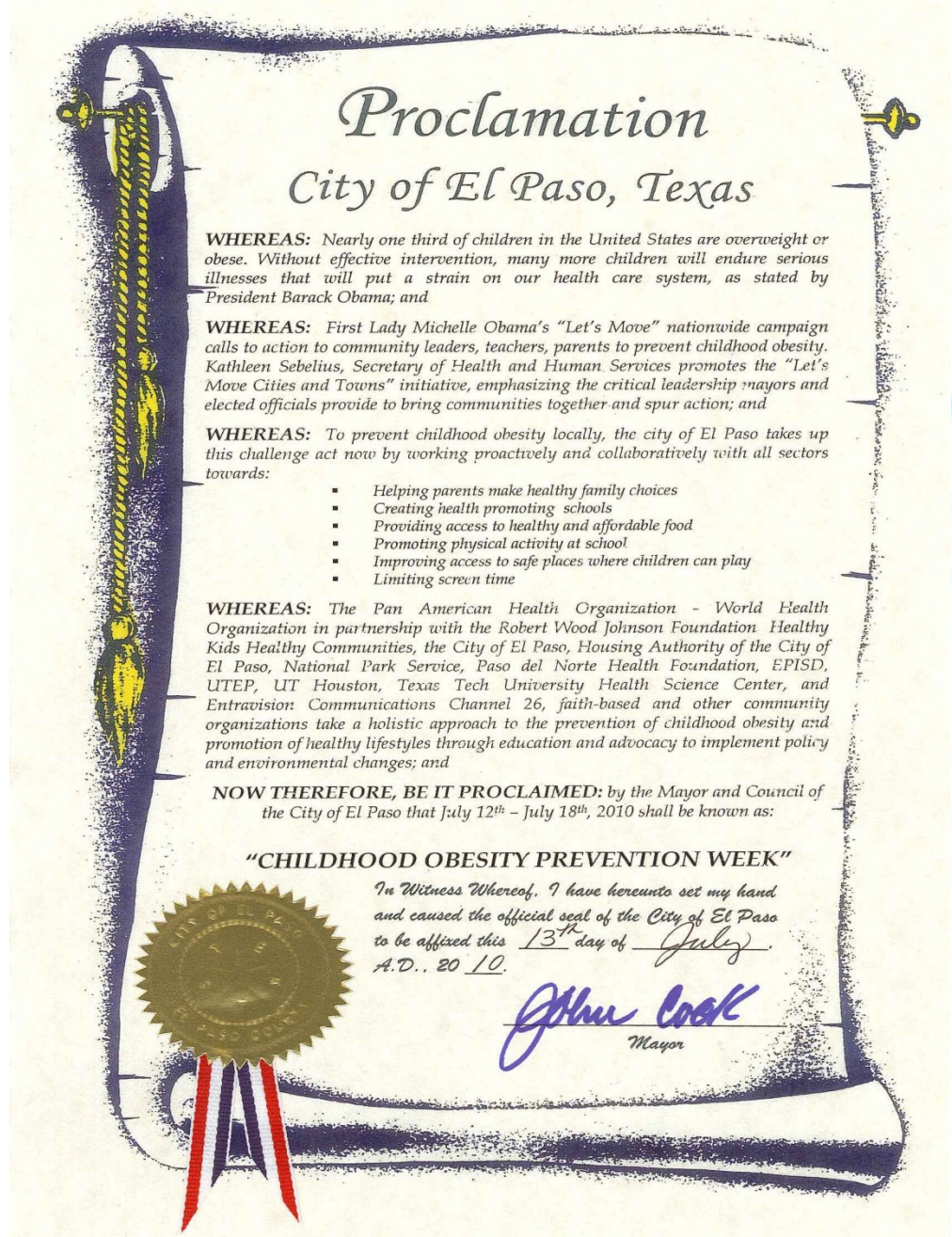
RWJF Healthy Kids, Healthy Communities (50 Grantees)



■ The Region of the Americas has one of the highest mortality rates from diabetes mellitus of all World Health Organization Regions.

■ There are significant socioeconomic inequities in the region, resulting in higher chronic disease burden and mortality among poorer people, leading to a cycle of deprivation and ill health.

■ It is recognized that intersectoral collaboration outside the health sector is **required** to achieve a meaningful impact on chronic diseases.



Healthy Kids, Healthy Communities Chamizal Initiative

Anticipated Impact and Outcomes



- Increased availability of healthy foods, fruits, vegetables, whole grains
- Strengthen community participation in active living activities
- Increased media coverage of preventive measures on childhood and youth overweight and obesity
- Support youth leadership and community advocacy
- Policies that support healthy eating and active living
- Decreased incidence of overweight and obesity in children

Recommendations

- **Chronic diseases need to be prioritized in the political and public health agendas**
- **Surveillance needs to be strengthened and continued as it is a key component**
- **Health systems must be reoriented to respond to the needs of people with chronic conditions and anticipate more outreach opportunities**
- **Recognize the essential role of health promotion, community health workers and disease prevention**

Thank You!

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