# HALTING THE RISE OF OBESITY & DIABETES IN BERMUDA

# A Framework Proposal for a National Plan of Action



GOVERNMENT OF BERMUDA

**Department of Health** 



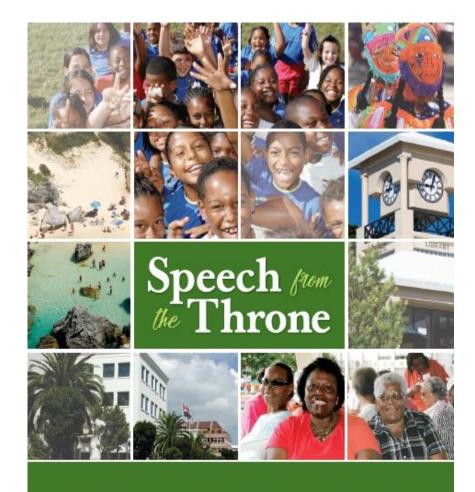


We will learn from each other and plan how to tackle Obesity and Diabetes in our community.

## Halting the Rise of Obesity and Diabetes Symposium

Obesity and Diabetes are our most serious public health challenges and a significant factor in chronic ill health in Bermuda. It will take all segments of our population to commit to changes to halt the rising trend in these conditions.

Join us. Your views are valued.



Building a Better and Jairer Bermuda

ON THE OCCASION OF THE CONVENING OF THE LEGISLATURE Delivered by His Excellency the Governor Friday, 8 September 2017 The <u>Government</u> will engage all sectors of society in a coordinated, strategic plan to halt the rise in obesity and diabetes in Bermuda. The Government will lead the way in wellness by encouraging its employees to make healthy choices, and will contribute to their well-being by offering programmes, incentives and education to support the journey to a healthier public service.

While unhealthy foods are often appealing due to their lower prices, the cost of treatment is significantly higher than the cost of prevention. Accordingly, the Government will begin consultation for the introduction of a Sugar Tax on the sale of certain foods and beverages in Bermuda. COVERNMENT OF BERMUDA Ministry of Health Seniors and Environment

## Bermuda Health Strategy Priorities for Bermudo's Health System Reform



Bermuda Health Strategy



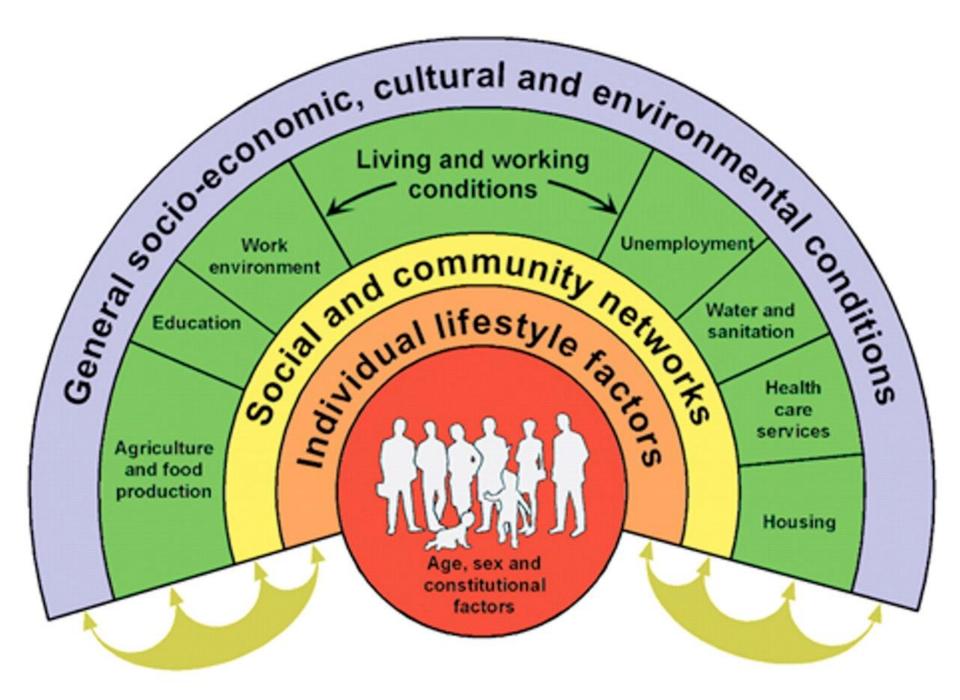


**Goal 11**: Implement a **comprehensive approach to health promotion** which encourages healthy lifestyles and involves health professionals and organizations to ensure the Well Bermuda population goals can be achieved.

Goal 13: Increase the access to interventions to prevent and manage non-communicable diseases and their risk

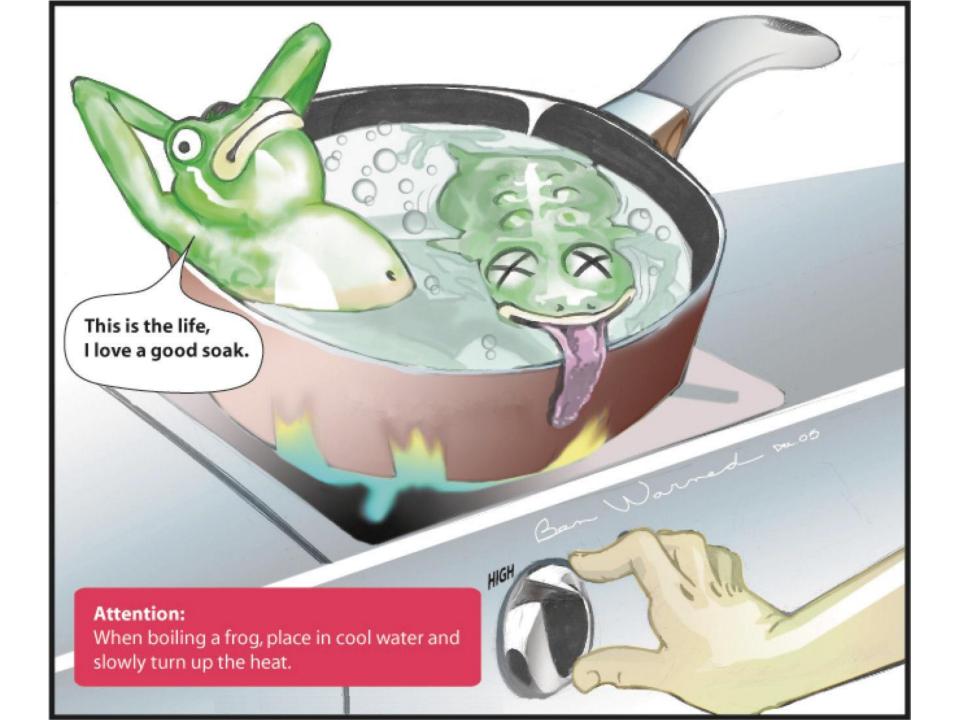
**factors**, in order to reduce the burden of chronic non-communicable diseases to Bermuda.



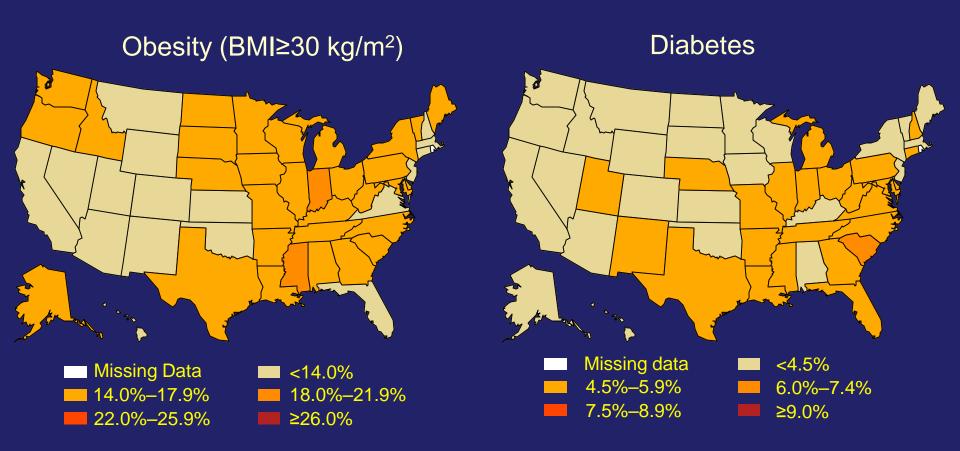








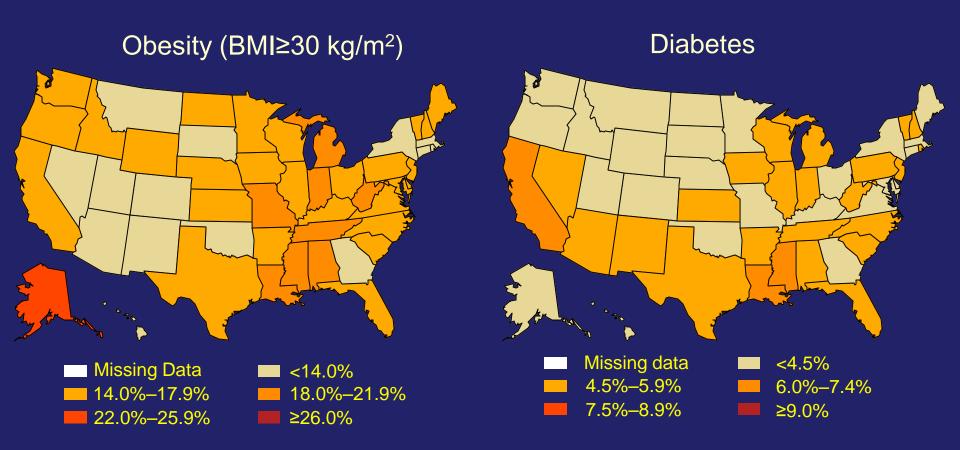
#### **1994**







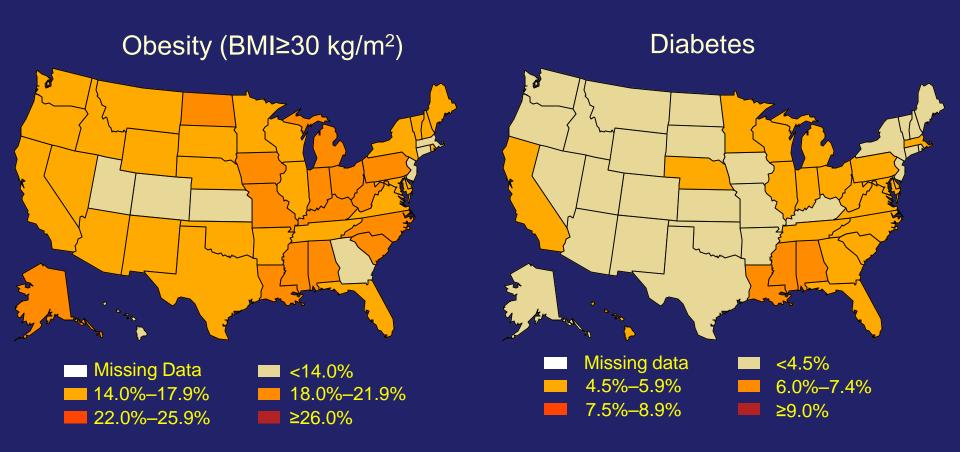
#### 1995







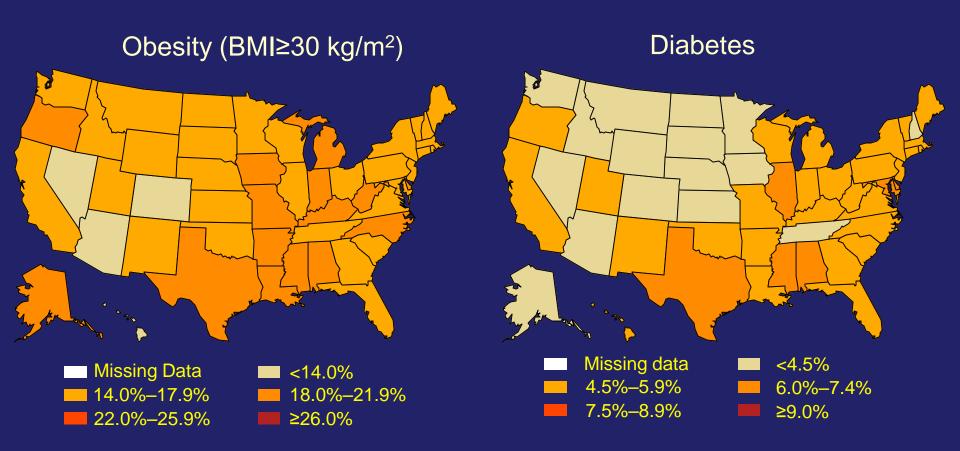
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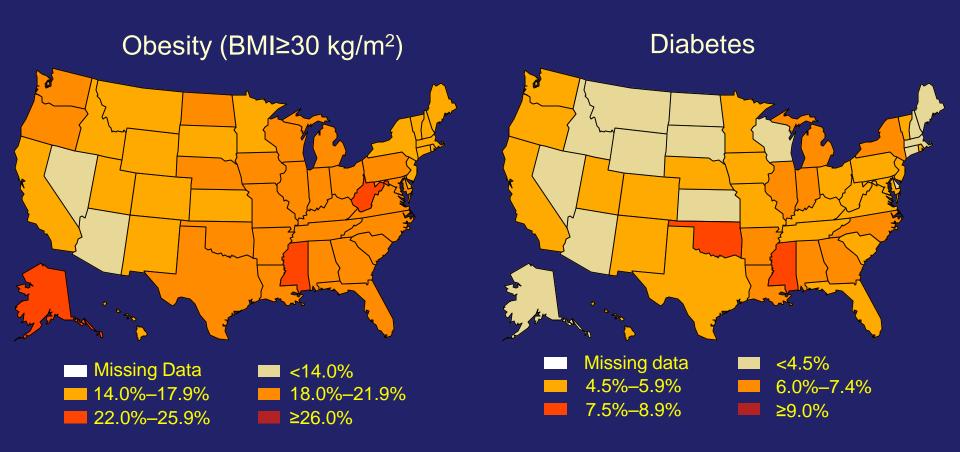
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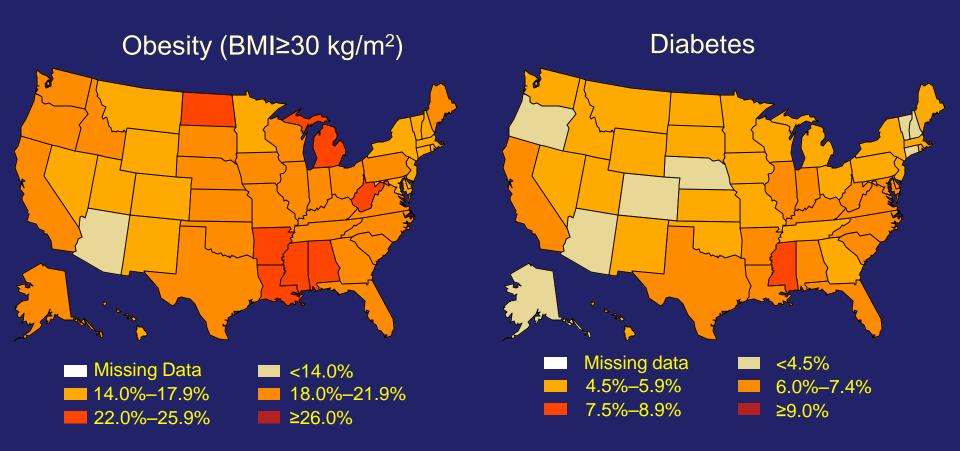
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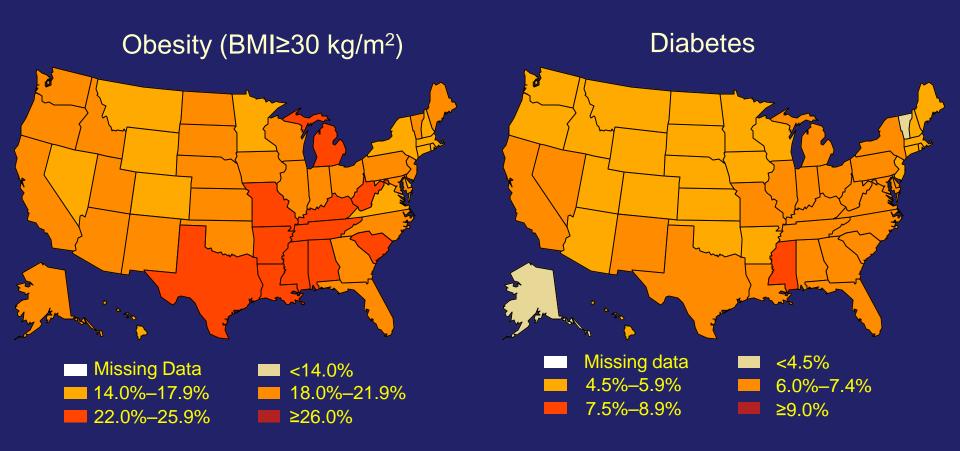
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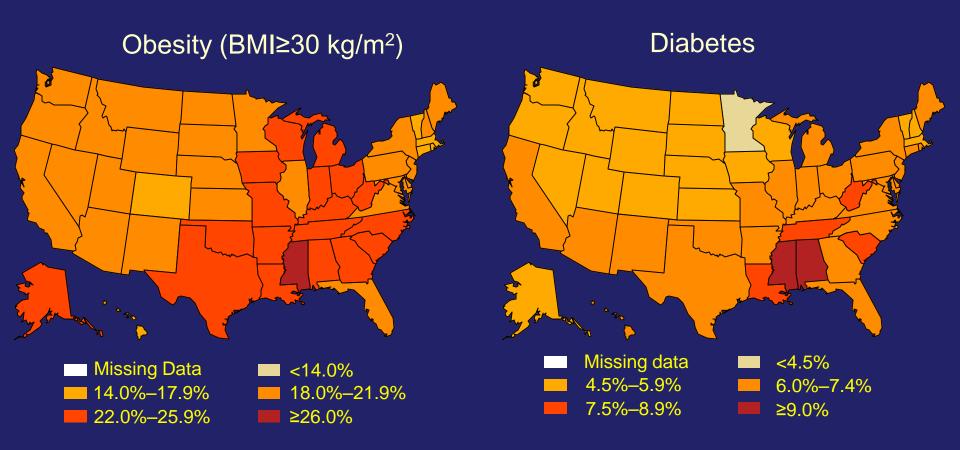
## 2000







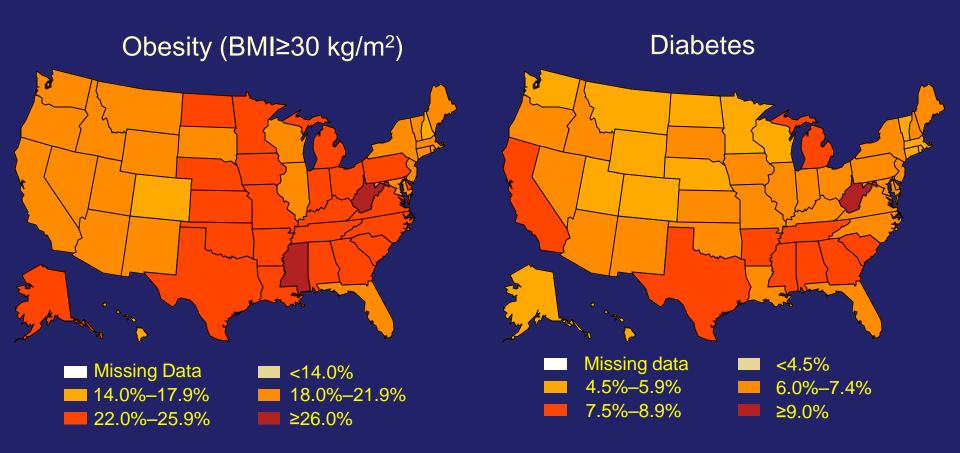
## 2001







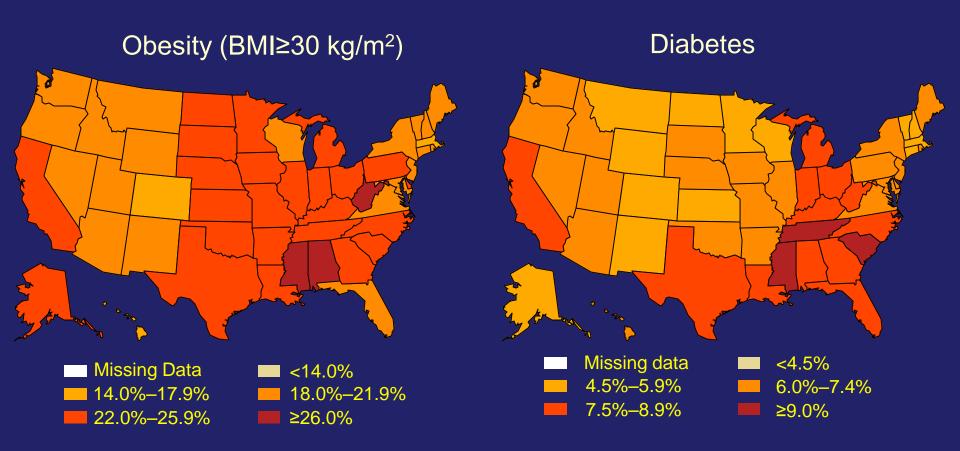
#### 2002







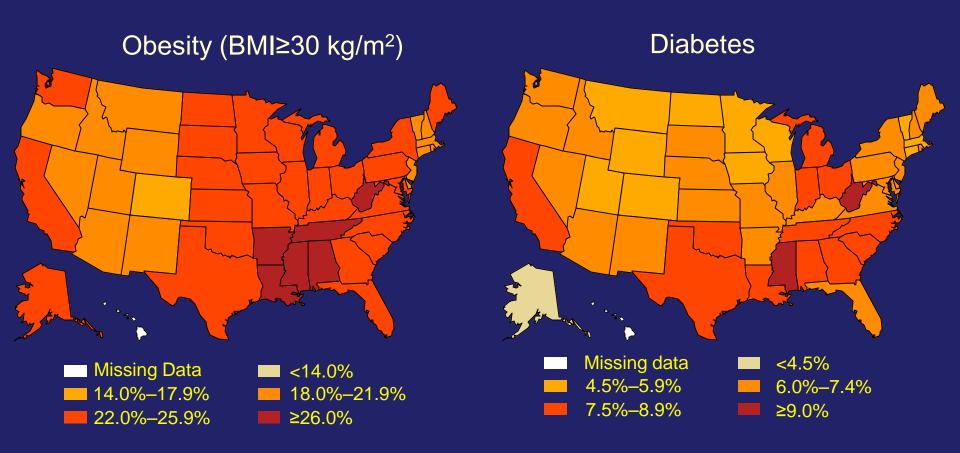
## 2003







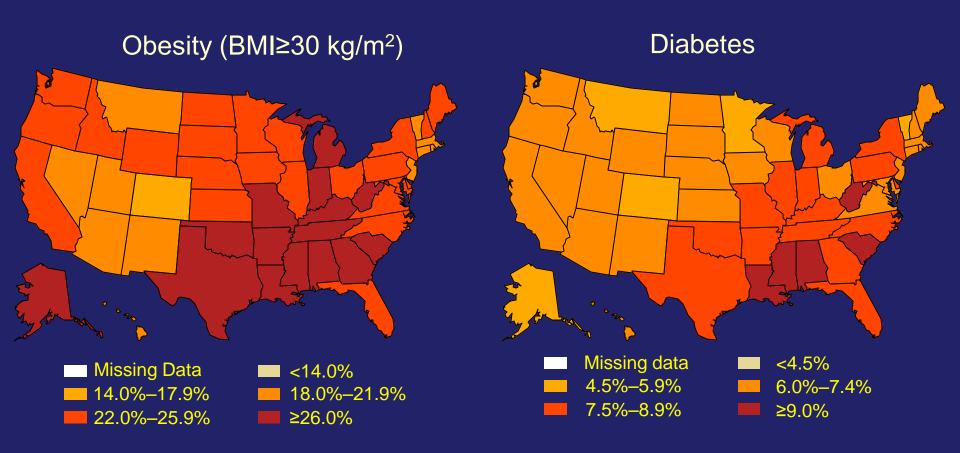
#### 2004







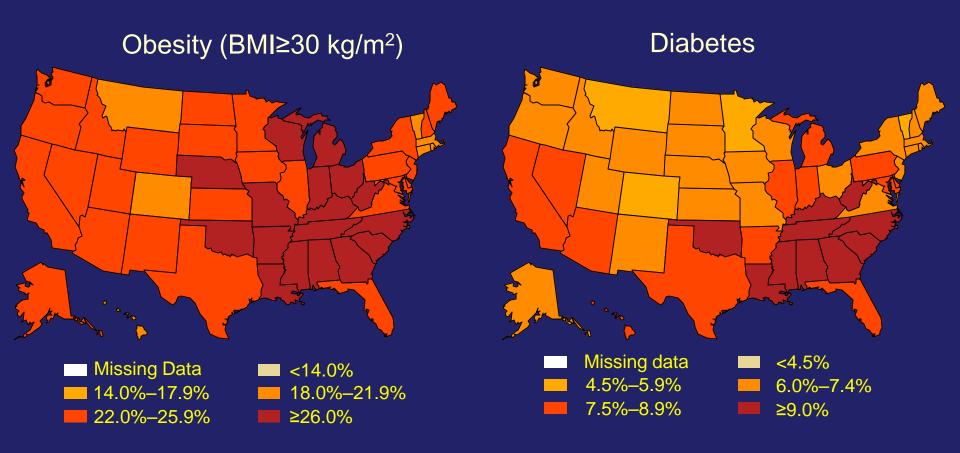
## 2005







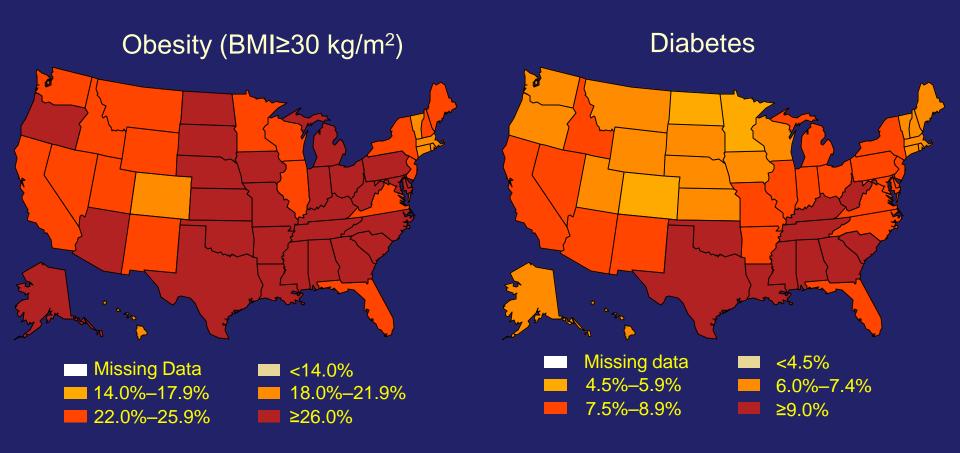
## 2006







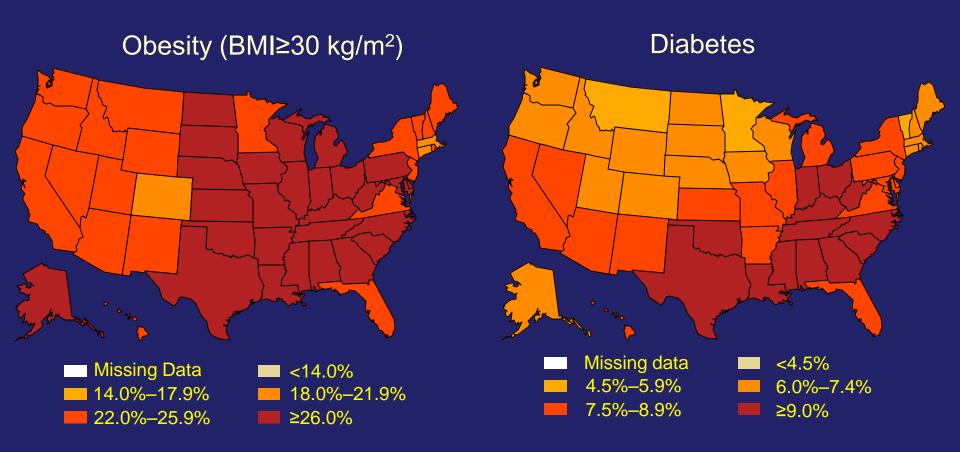
#### 2007







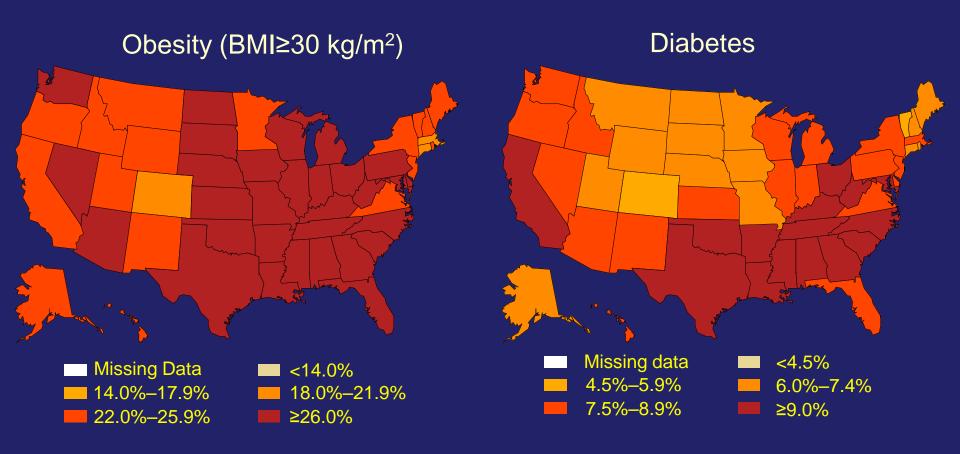
## 2008







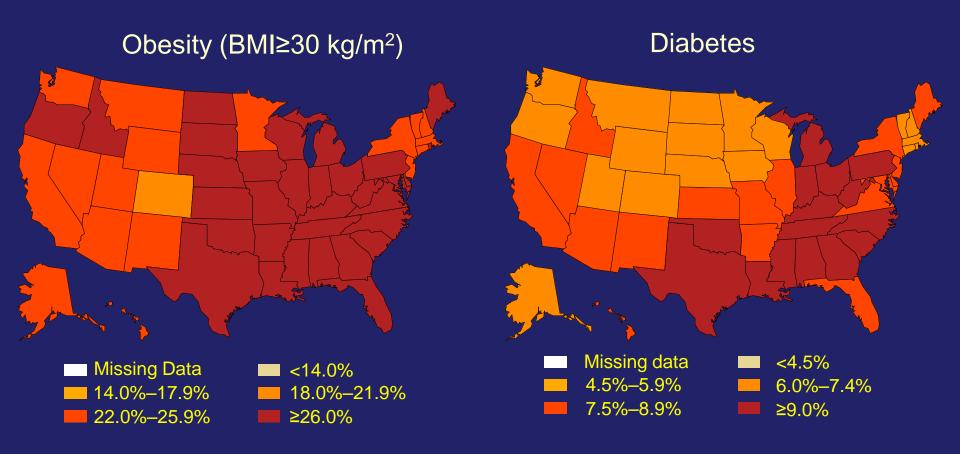
## 2009







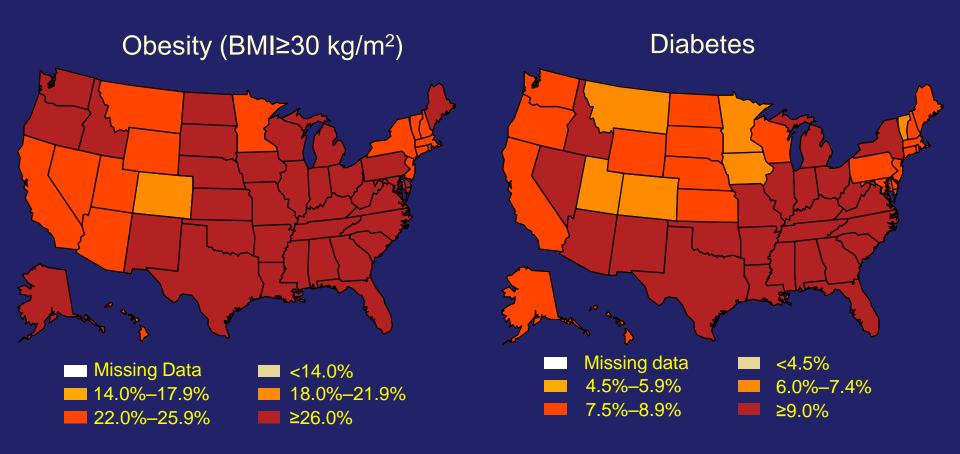
#### **2010**







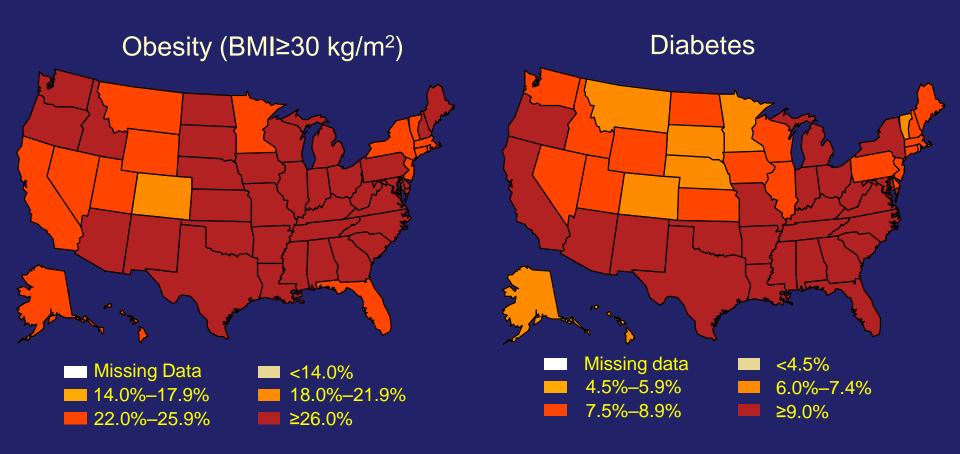
## **2011**







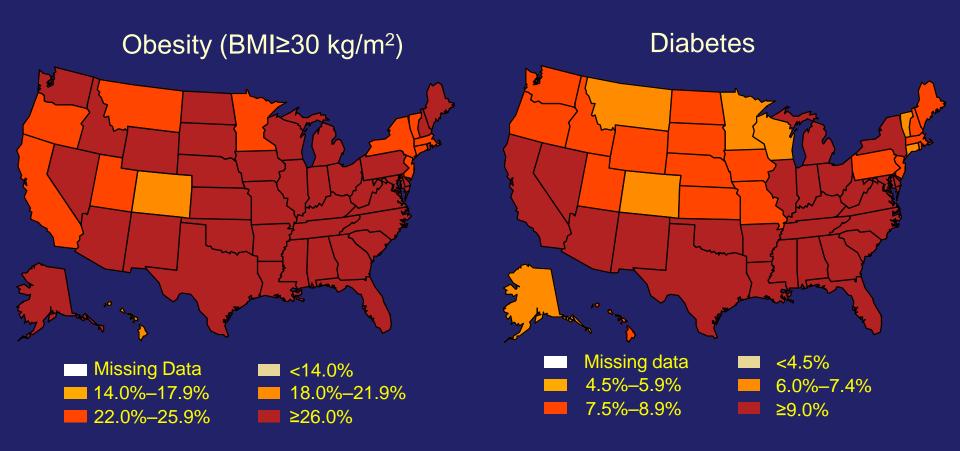
#### 2012







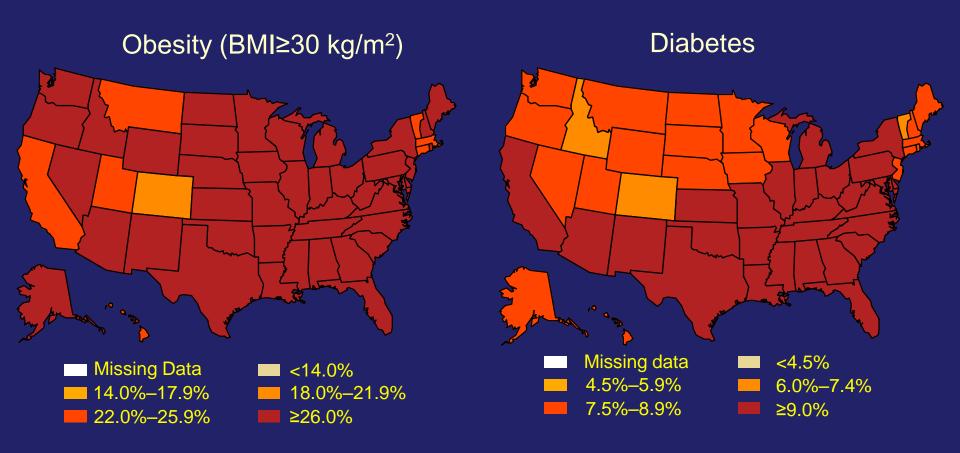
## **2013**







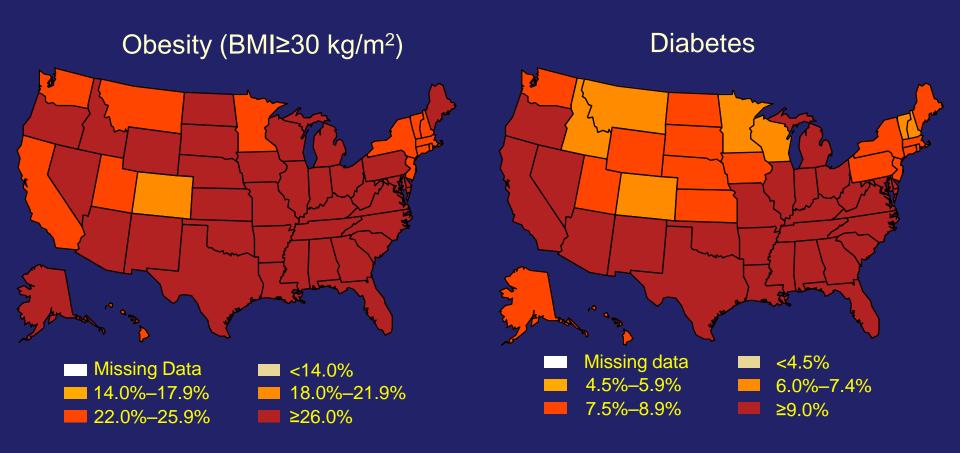
#### **2014**







## **2015**



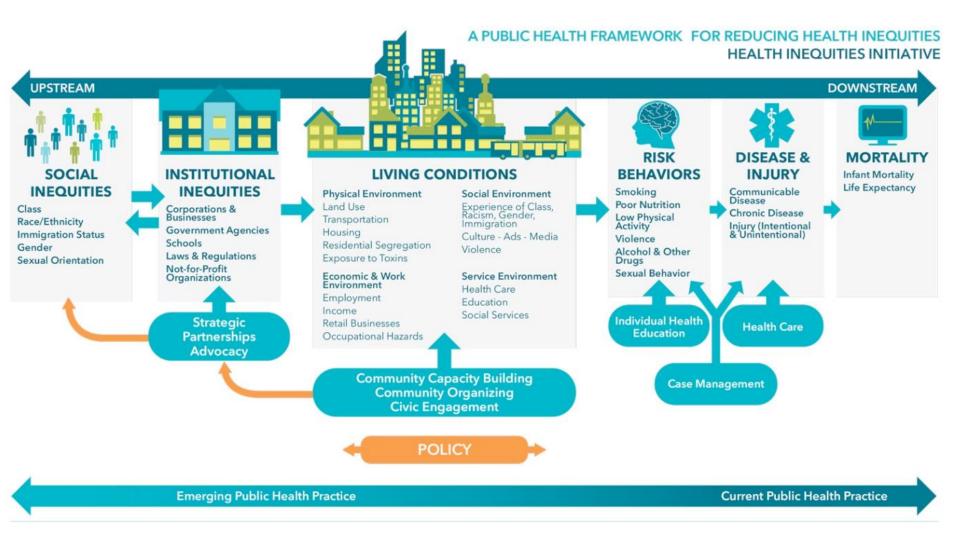




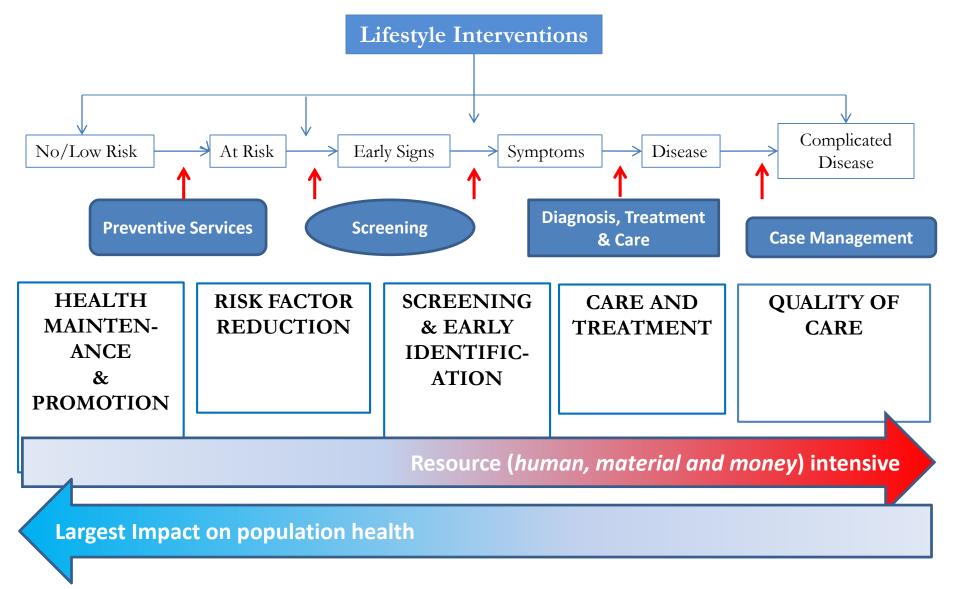
# **PUBLIC HEALTH**

"Public health is organized community" efforts aimed at the prevention of disease and the promotion of health. It links many disciplines and rests upon the scientific core of epidemiology"

SOURCE: Institute of Medicine, The Future of Public Health, 1998



## "All-of-Society" Involvement INTERVENTIONS ON THE CONTINUUM



# **PREVENTION OF DISEASE**

HEALTHY, NORMAL	AT-RISK	SIGNS: FIRST DEFECT/LESION	FIRST SYMPTOM	DISEASE, DISABILITY
Social & Environmental Determinants	Risk & Protective Factors	Pre-clinical Phase	Clinical Phase	Post-clinical Phase
PRIMORDIAL PREVENTION	PRIMARY PREVENTION	SECONDARY PREVENTION		TERTIARY PREVENTION
GENERAL POPULATION	SUSCEPTIBLE POPULATION	ASYMPTOMATIC POPULATION	SYMPTOMATIC OR DIAGNOSED POPULATION	
Alter <b>social structures</b> and thereby underlying determinants <b>REDUCE RISKS</b>	Alter <b>exposures</b> that lead to disease <b>REDUCE DISEASE</b> <b>INCIDENCE</b>	Detect and treat pathological process at an earlier stage when treatment can be more effective REDUCE PREVALENCE & CONSEQUENCES		Prevent relapses and further deterioration via follow-up care and rehabilitation REDUCE COMPLICATIONS OR DISABILITY
Health promotion	Immunization Risk Reduction Screening Clinical Preventive Services	Screening Clinical Preventive Services Treatment & Care		Treatment and care Secondary or specialist care Rehabilitation

#### In schools and early childhood centers

- Encouraging walk-to-school and bike-to-school programs.
- Supporting quality physical education.
- Increasing healthy food options.



#### In the workplace

- Encouraging stairs.
- Encouraging walking clubs or walking meetings.
- Increasing healthy food options in vending machines and cafetories
- machines and cafeterias.





#### In homes

- Promoting breastfeeding.
- Encouraging families to participate in physical activities together.
- Encouraging families to limit screen time.



#### For all their residents

- Increasing access to walking trails.
- Allowing the community to use school facilities outside of school hours for physical activity.
- Building roads that are safe for all types of transportation to share.
- Working with real estate developers to increase pedestrianfriendly developments.
- Increasing access to farmers' markets.
- Planting community gardens.
- Promoting community messaging about healthy eating, physical activity, and risks of obesity.

# Healthy Policies for a Healthy Hawair

#### WE NEED YOUR SUPPORT **Healthy Communities** Physical Activity

HEALTHY HAWAII VISION 2020

 Complete Streets implementation State & county level goals for

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active transportation · Health impact assessments

· Secured bike parking at state events & locations

IVING.

#### **Healthy Communities** Nutrition

· Food systems task force

· More support for locally produced, healthy foods

· Institutional policies for access to healthy food & drink options

· Guidelines for healthier kids' meals

· Warning labels on sugar-sweetened beverages

 Sugar-sweetened beverage ee to fund public education

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#### **Healthy Schools**

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We Offer Pa Family Leave

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- Student fitness assessments in grades 5, 7, & 9
- · Increase Health & PE requirements for for middle school grades
- Strengthen wellness in child care licensing requirements
- exam requirements
- curriculum in all grades

Additional school physical

Nutrition & agriculture

#### **Healthy Worksites** State level worksite wellness policy Paid family leave State health risk assessment Health Care Systems Reimbursement for preventive care

Presented as a public service by the Hawaii State Department of Health. This concept map represents the policy priorities proposed by 140 statewide partners and experts at the 2015 State Physical Activity and Nutrition Forum May 28, 2015, Hilton Waikiki Beach Hotel, Honolulu, Hawai'i.

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