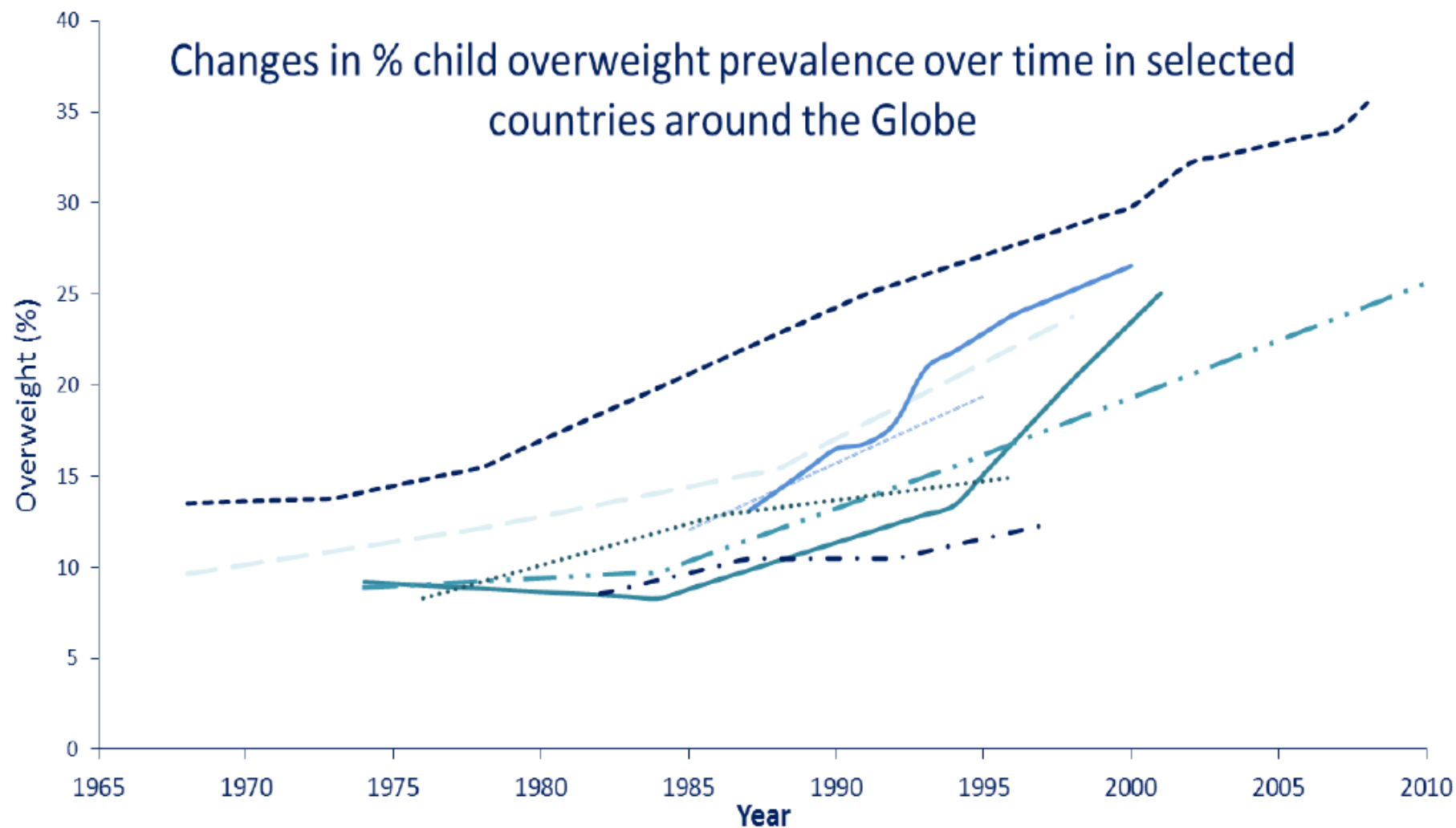


WHAT IS THE SIZE OF THE PROBLEM?

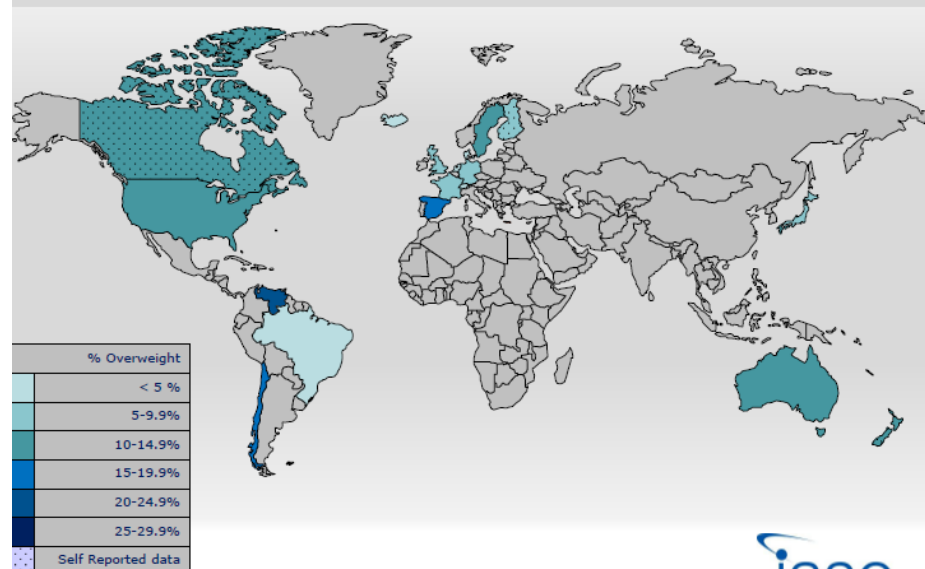
# Preschool over-weight

Barry Taylor, Professor of Paediatrics and Child Health, Dunedin School of Medicine

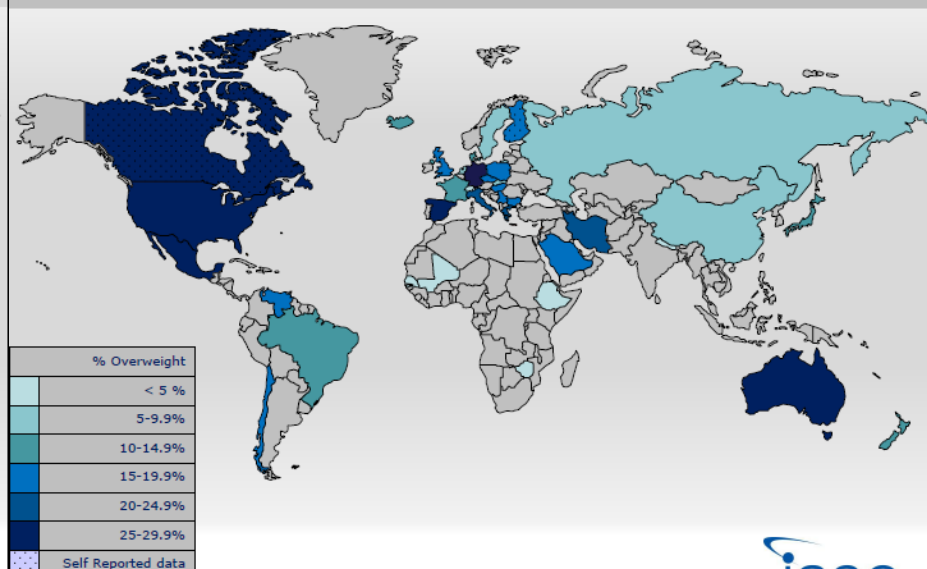
## Changes in % child overweight prevalence over time in selected countries around the Globe



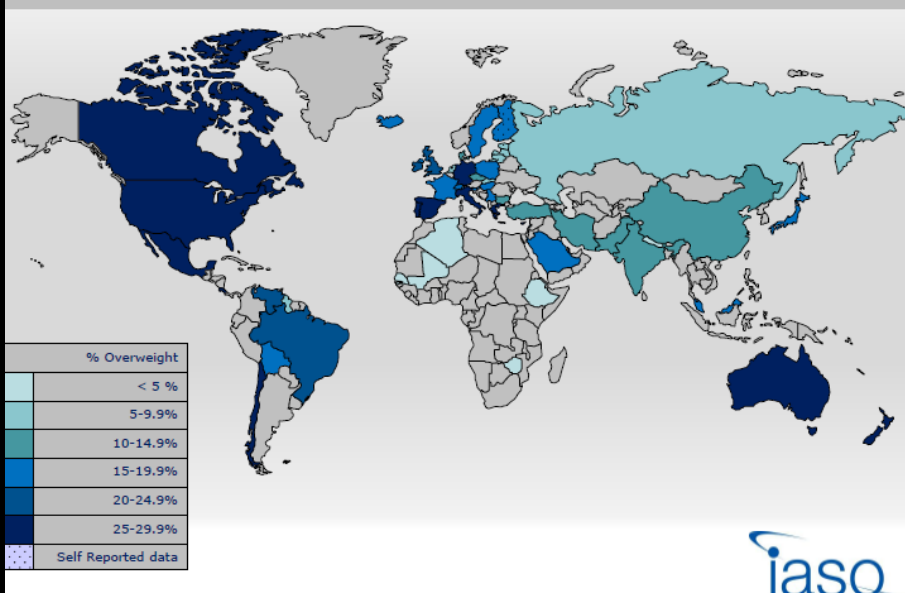
Global Prevalence of Overweight in Boys  
Prior to 1990



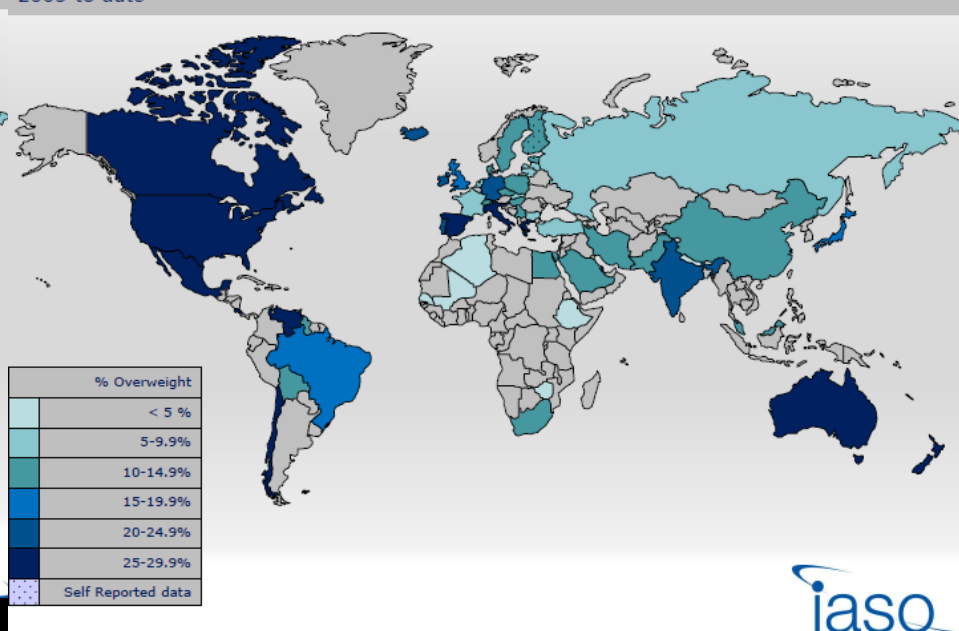
Global Prevalence of Overweight in Boys  
1990-1999



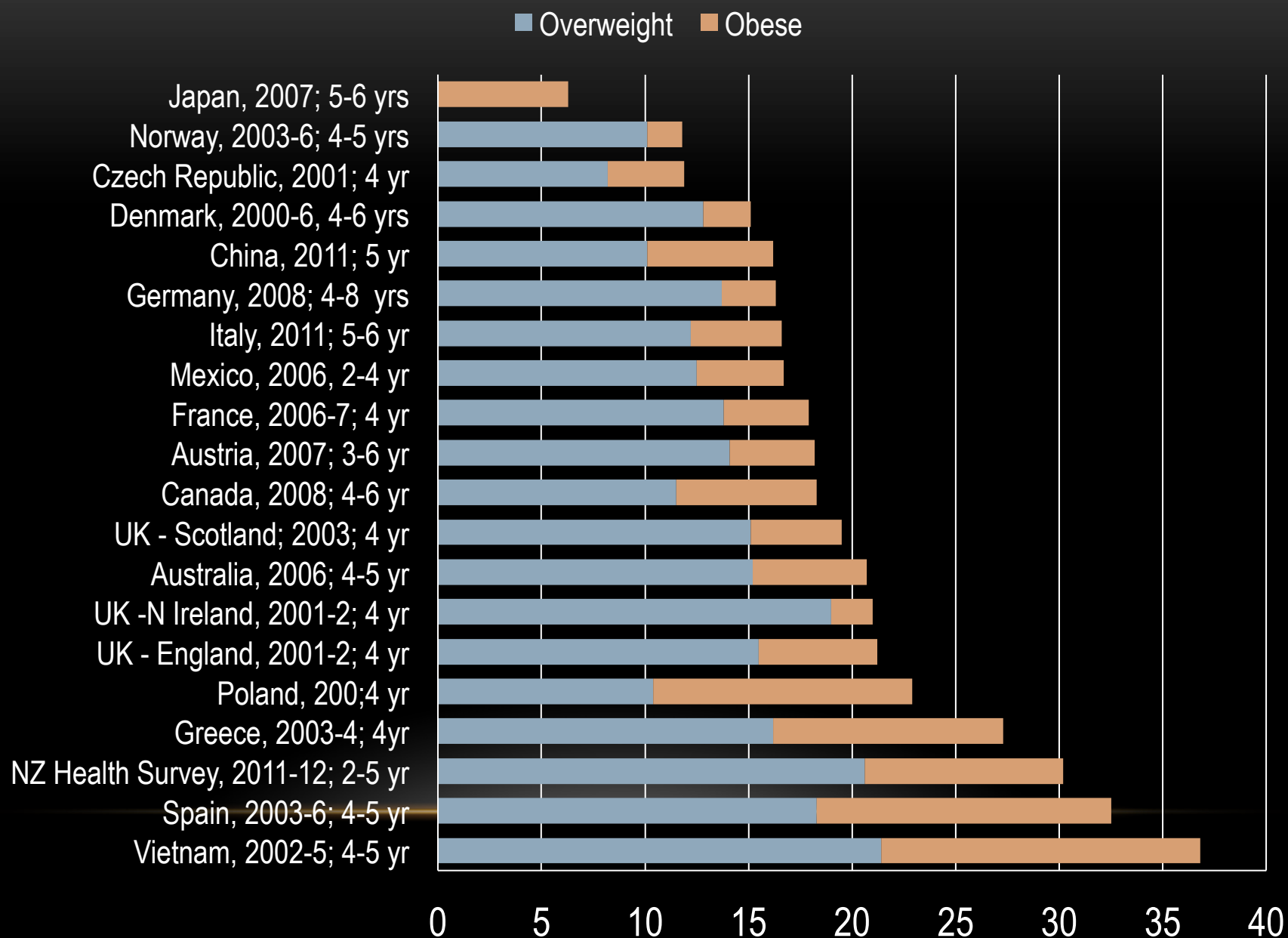
Global Prevalence of Overweight in Boys  
2000-2005



Global Prevalence of Overweight in Boys  
2005-to date

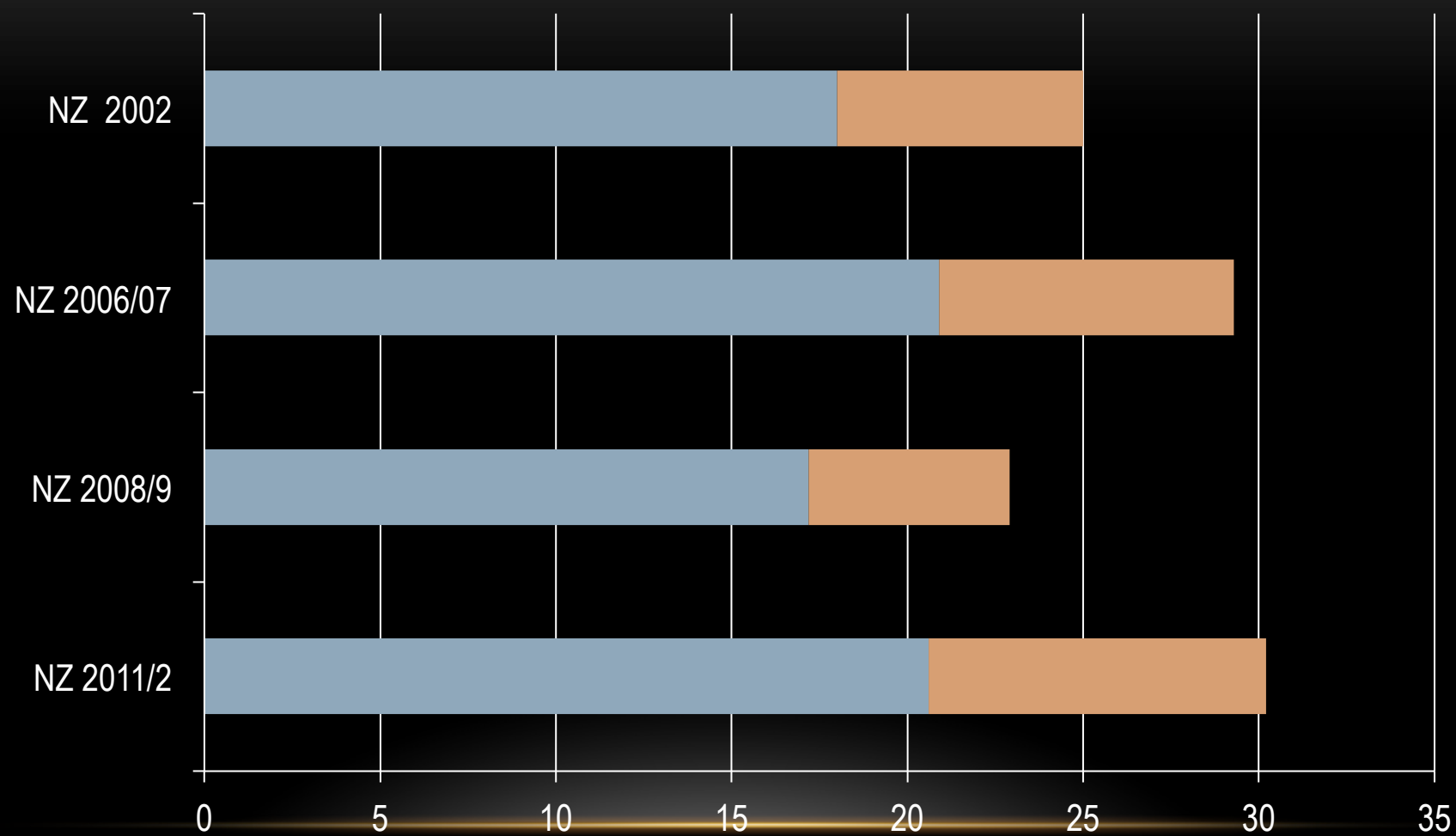


## International Comparisons Pre-school child Overweight status using IOTF cut points



## NZ Preschool children IOTF cut points

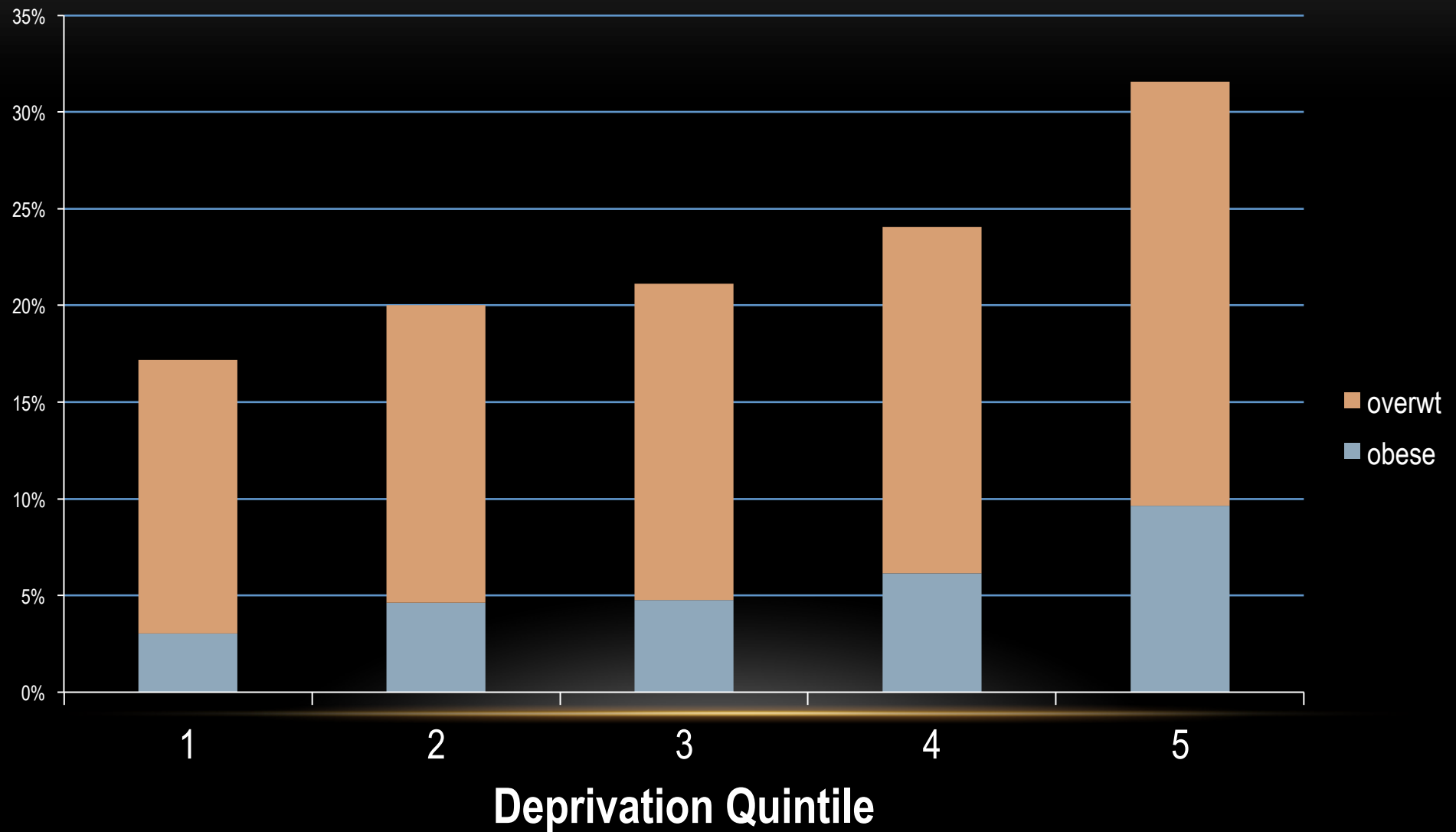
Overweight Obese



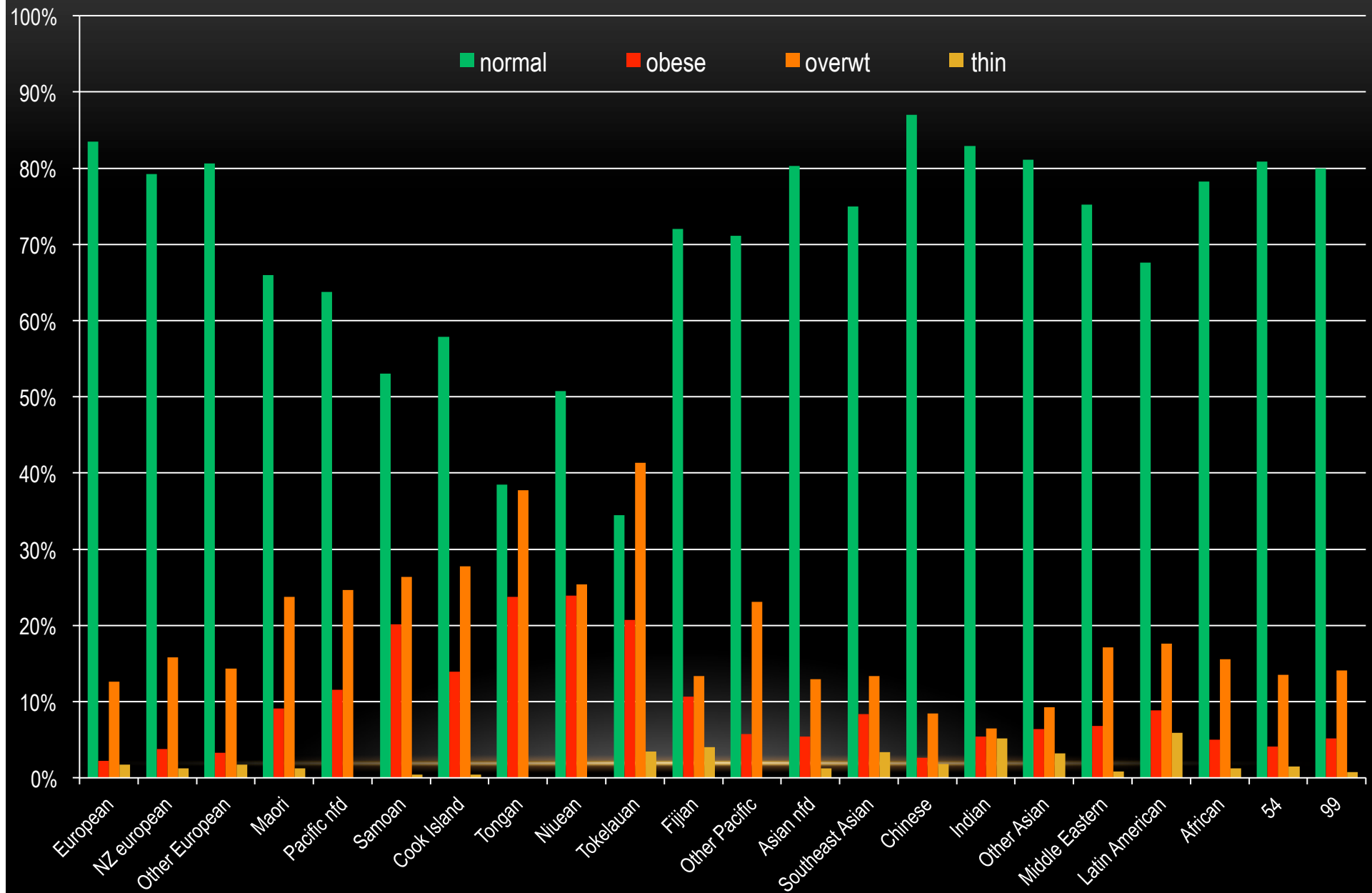
## WHAT ABOUT OUR B4SCHOOL CHECK SYSTEM?

- 4 years of data now available
- >250,000 children measured!
- Some analysis of the first 18 months of data are presented as a teaser!

# OVERWT AND OBESE BY DEP QUINTILE



# ETHNICITY BY BMI STATUS





## CONSEQUENCES

- Likely to stay overweight or increase (60%)
- Longer duration of overweight increases risk of cardiovascular disease
- Teasing at school
- Diabetes
- Obstructive sleep apnoea
- Joint problems

IS IT AN ISSUE OF CONCERN?    YES!

- Treatment  
or
- Prevention  
or
- Both?