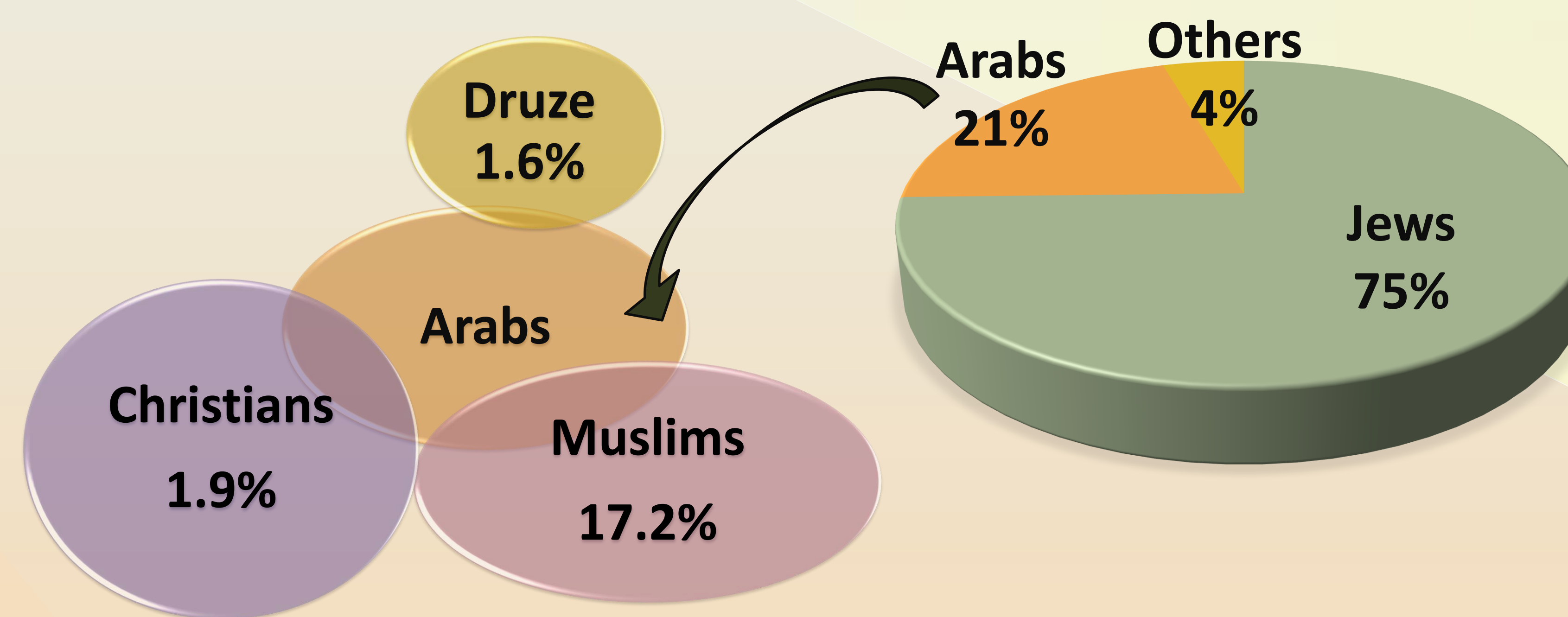


Introduction

- ❖ Rates of overweight and obesity have reached epidemic proportions globally.
- ❖ The proportion of overweight and obese adults and children is inequitably distributed in different population groups, and varies according to social characteristics such as socioeconomic status, ethnicity and geographic area.
- ❖ In 2019, there were 41 million children < 5 years old who were overweight or obese.
- ❖ Over 340 million children, ages 5-19, suffer from overweight or obesity worldwide.

Israel's Population

Population Distribution by Sector in Israel



Israel: Majority vs Minority Population

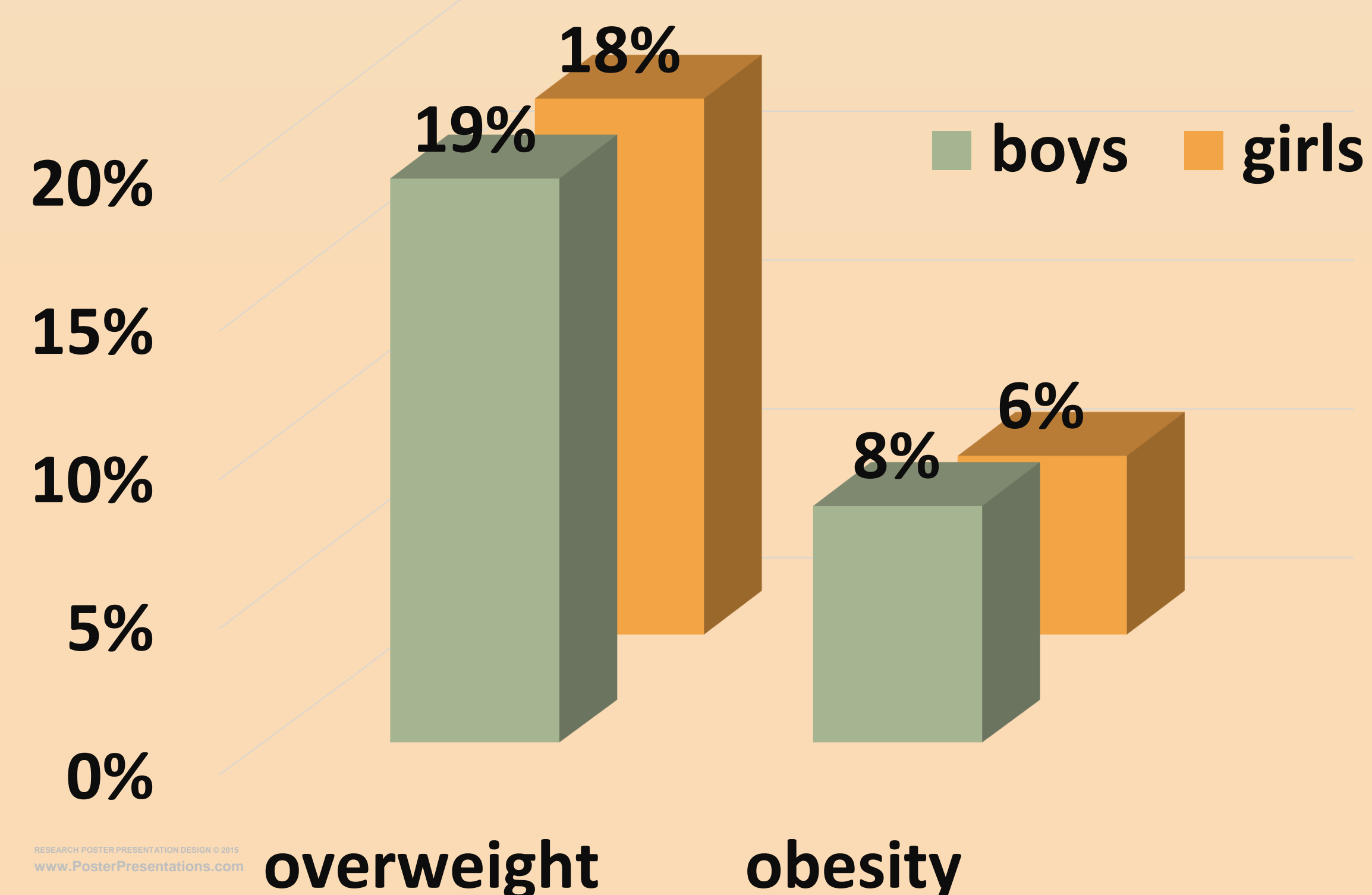
- ❖ Israel is a high income and urbanized country of 8.7 million citizens, and its population of adults and children exhibit the same pattern of overweight & obesity seen worldwide.
- ❖ Although current available Israeli reports omit the Druze population.
- ❖ Reports suggest that levels of overweight/obese children in the Muslim and Christian population will be similar to those in the Druze population, despite the many cultural and ethnic differences.

The Proposed Study

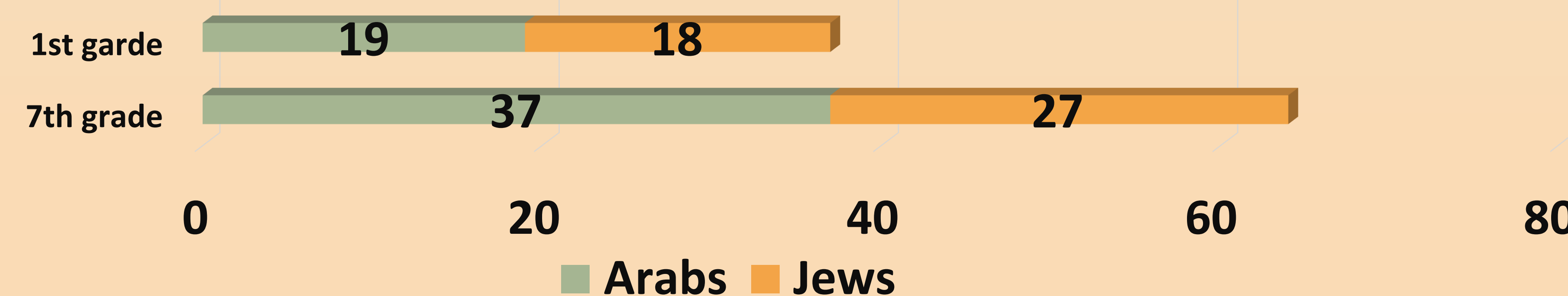
This study, for the first time, will assess rates of overweight or obese among 5th and 7th grade children, and assess whether there are associations between overweight/obesity and social, cultural and lifestyle influences.

Guided by an ecological model, a cross-sectional study will be conducted to assess rates of overweight and obesity among Druze children in northern Israel. We anticipate sampling 5 villages and communities and enrolling mother-child dyads (n=2100) to identify the strongest links among the social, cultural and lifestyle influences on the child's weight.

Overweight & Obesity Global Rates in Children



Overweight & Obesity Rates in Israel Among Children



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