

# Refining our Research

## Teacher Presentation Slides

### Learning Objective 8

Te Maki Toto Vene (T2): E Manamanata no Toku Iti Tangata


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[www.lenscience.auckland.ac.nz](http://www.lenscience.auckland.ac.nz)

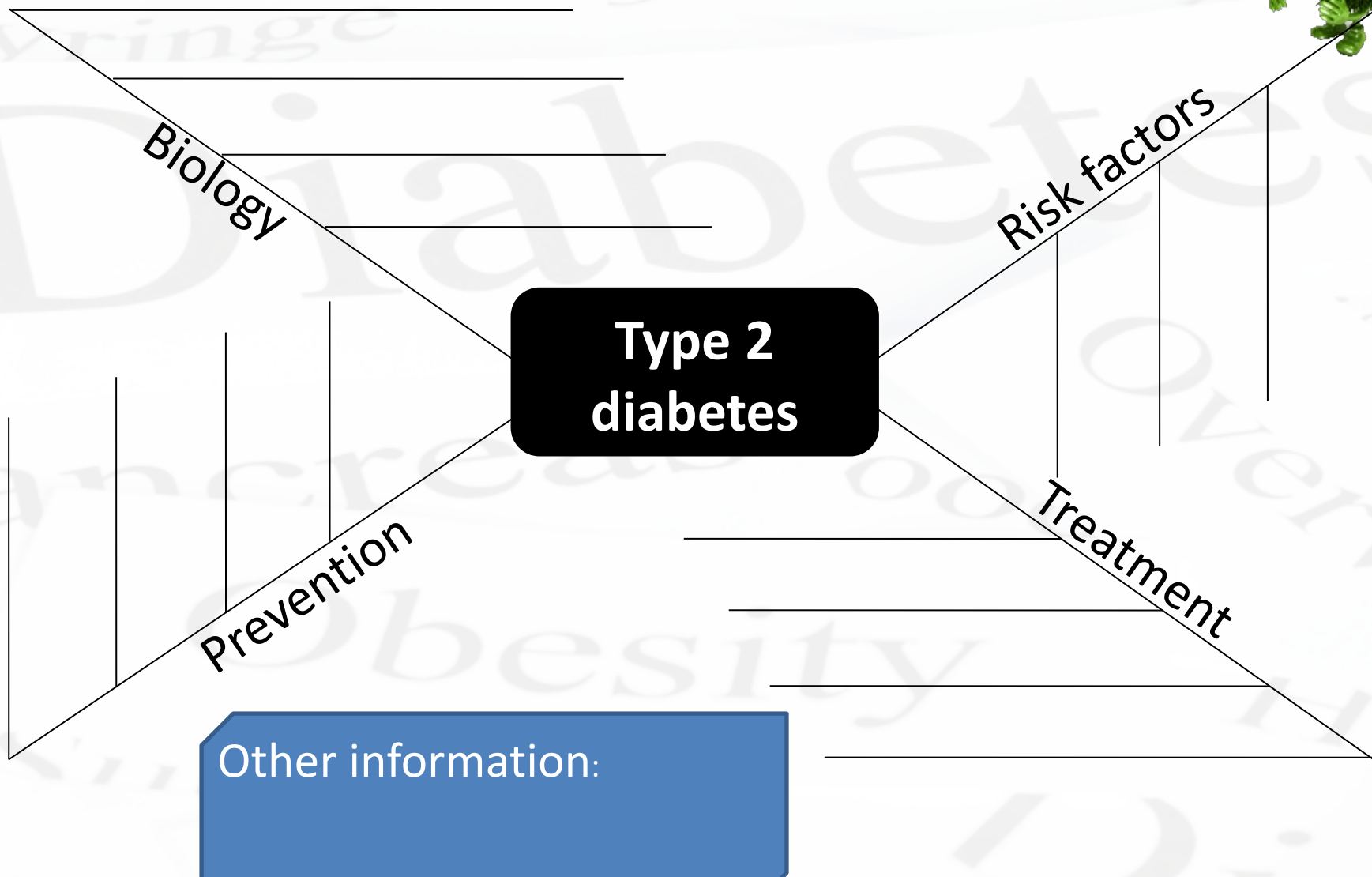
# Hitting the headlines

Each person in your group will have up to 4 articles to unpack.

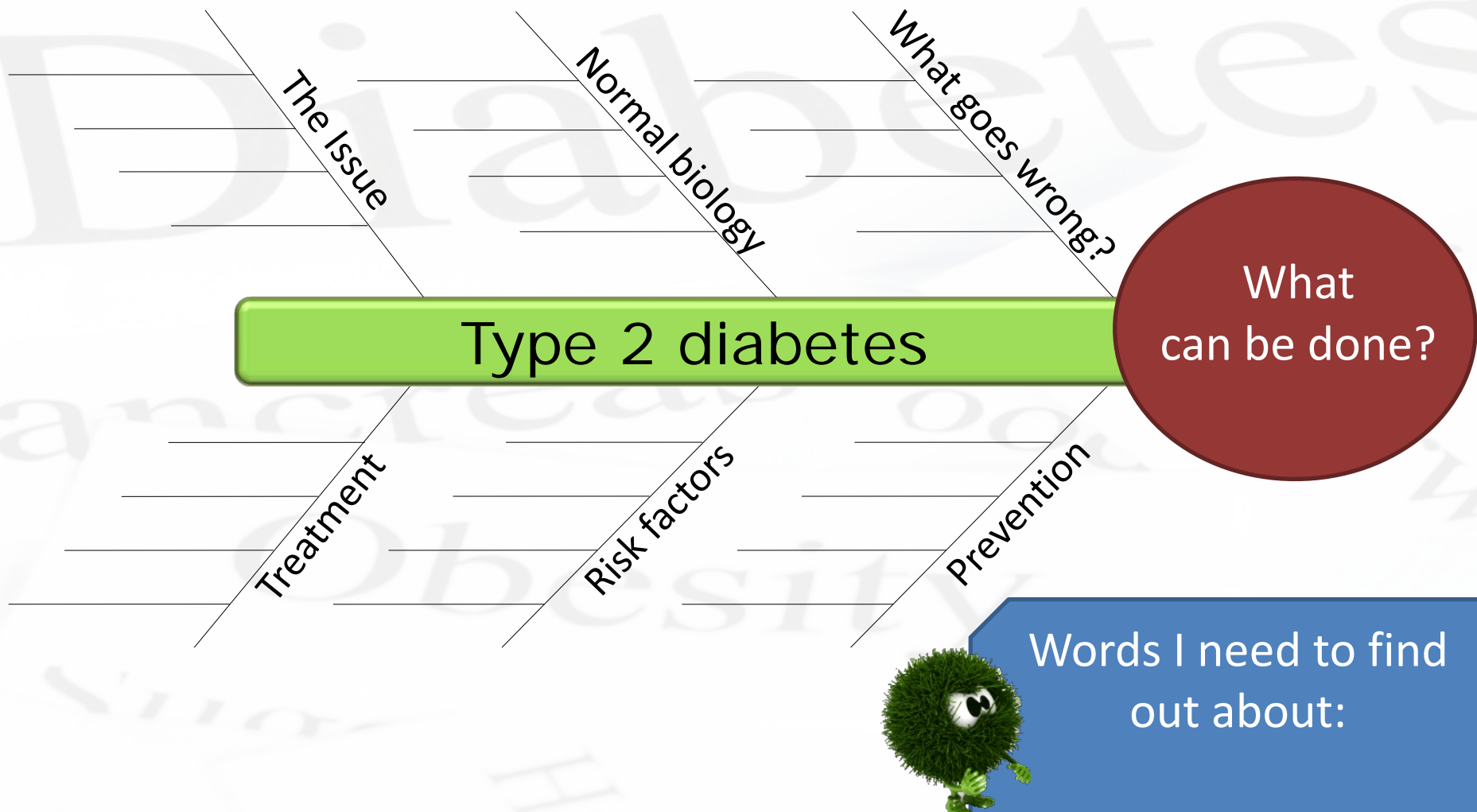
- Skim the article to identify which category the article relates to – Biology, Treatment, Risk Factor, or Prevention and  on the organiser.
- Identify key ideas and record these (5 words or less) on branches for the category.
- Sift for ideas/information that may relate to other categories or be useful and record this.



# Hitting the headlines



# What's it all about?



# What's it all about?



What I:	My column	Other student	Other student
• found most interesting			
• did not understand			
• may do my research on			



# What's the question?

**Why do so many people not eat 5+ servings a day of fruit and vegetables?**

# What is the evidence?

**Cook Islands adults eating less than 5 portions of fruit and/or vegetables per day**

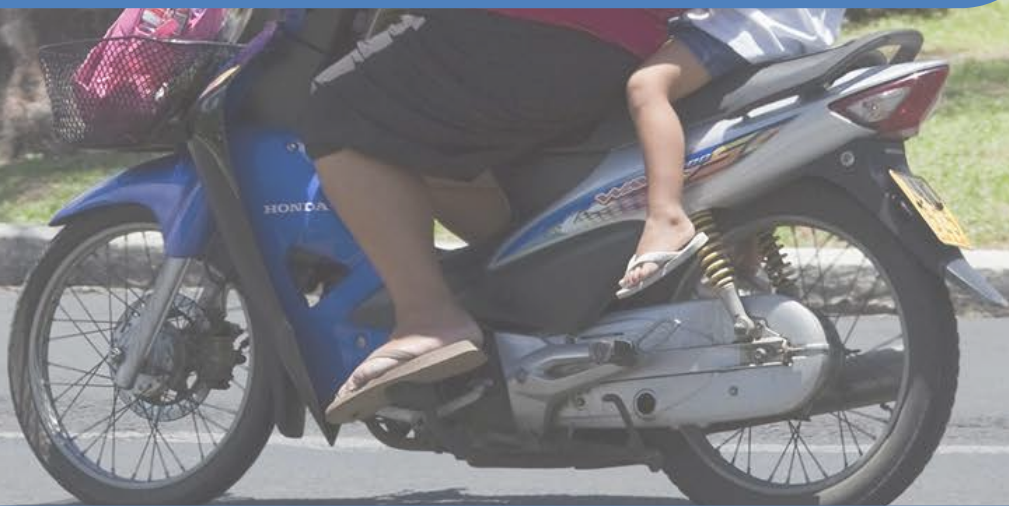
Age group (years)	% eating <5 servings of fruit/vegetables per day		
	Men	Women	All
25–34	83.0	84.5	83.7
35–44	85.5	76.8	81.3
45–54	82.7	76.4	79.8
55–64	81.6	76.0	78.9
All (25–64)	83.5	79.9	81.8

Data from: Cook Islands NCD risk factors STEPS report, 2011



# What is the question?

**Why do so many people not manage regular exercise?**



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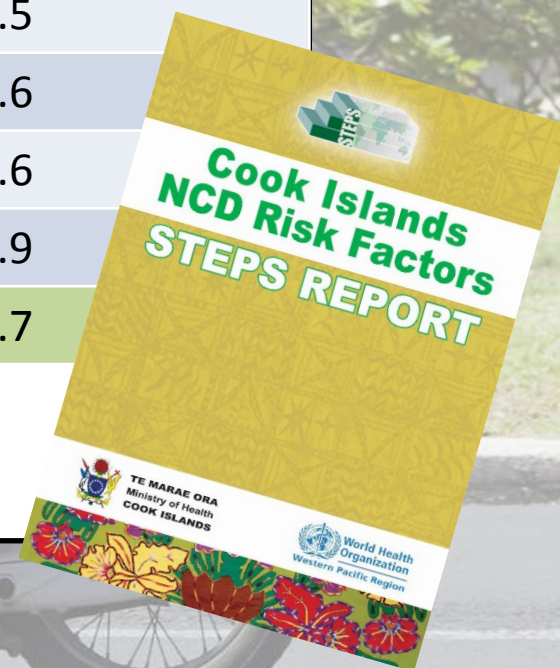


# What is the evidence?

**Cook Islands adults – mean minutes of physical activity each day**

Age Group (years)	Average minutes physical activity per day		
	Men	Women	All
25–34	53.3	40.7	46.5
35–44	46.4	48.6	47.6
45–54	49.6	41.3	45.6
55–64	68.3	44.2	55.9
All (25–64)	52.2	43.6	47.7

Data from: Cook Islands NCD risk factors STEPS report, 2011



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# What is the question?

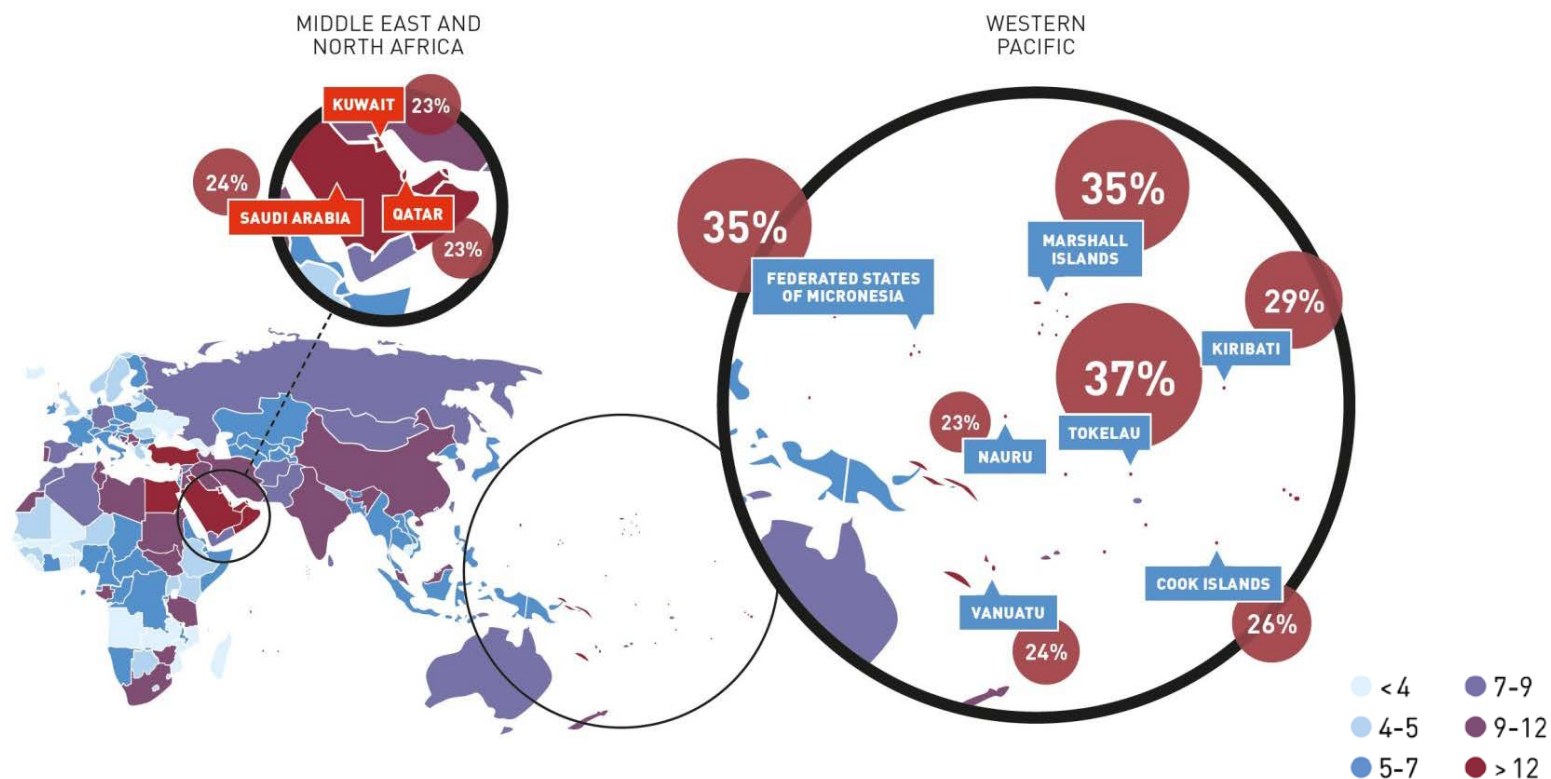
**Why is the type 2  
diabetes epidemic an  
issue for my  
community?**



# What is the evidence?

## Top 10 countries/territories with diabetes in the world

Image courtesy of International Diabetes Federation (2013), with permission



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# What is the question?

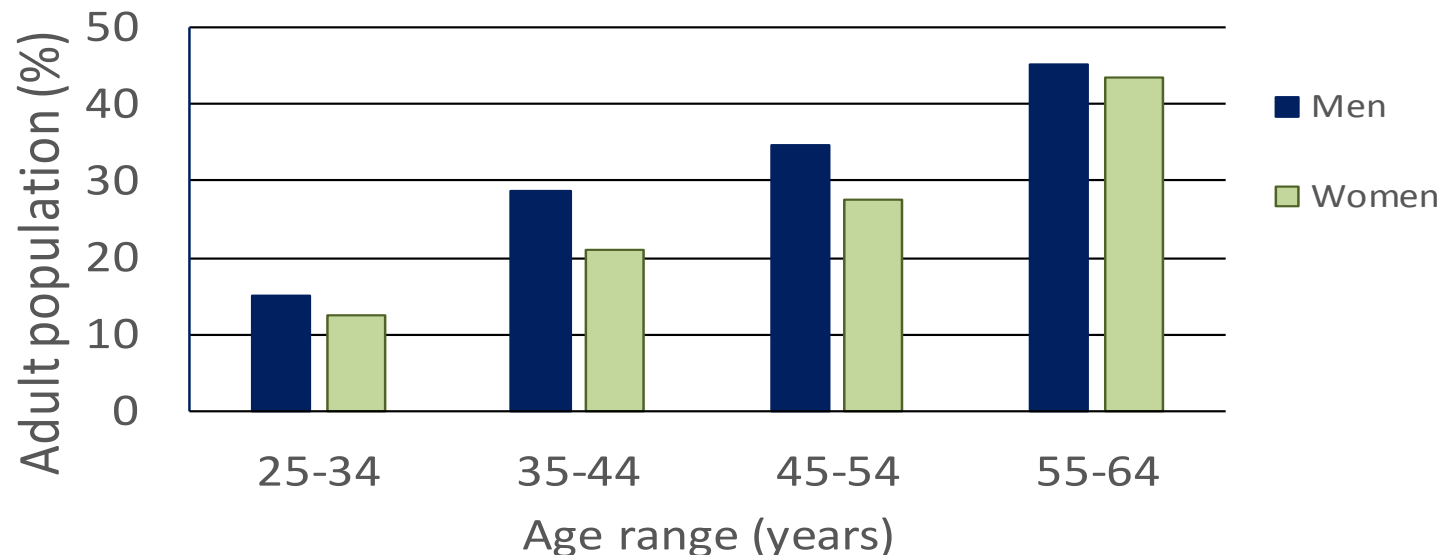
**Why is the type 2  
diabetes epidemic an  
issue for my  
community?**



# What is the evidence?

## Prevalence of diabetes in the Cook Islands adult population (2004)

Data from: Cook Islands NCD risk STEPS report (Tairea et al., 2011)



A background image showing two women on a blue motorcycle. The woman in the foreground is wearing sunglasses and a dark top, looking towards the left. The woman behind her is wearing a yellow and green patterned top and has her hand near her face. They are outdoors with green foliage in the background.

# **What is the question?**

## **Why is the type 2 diabetes epidemic an issue for my community?**

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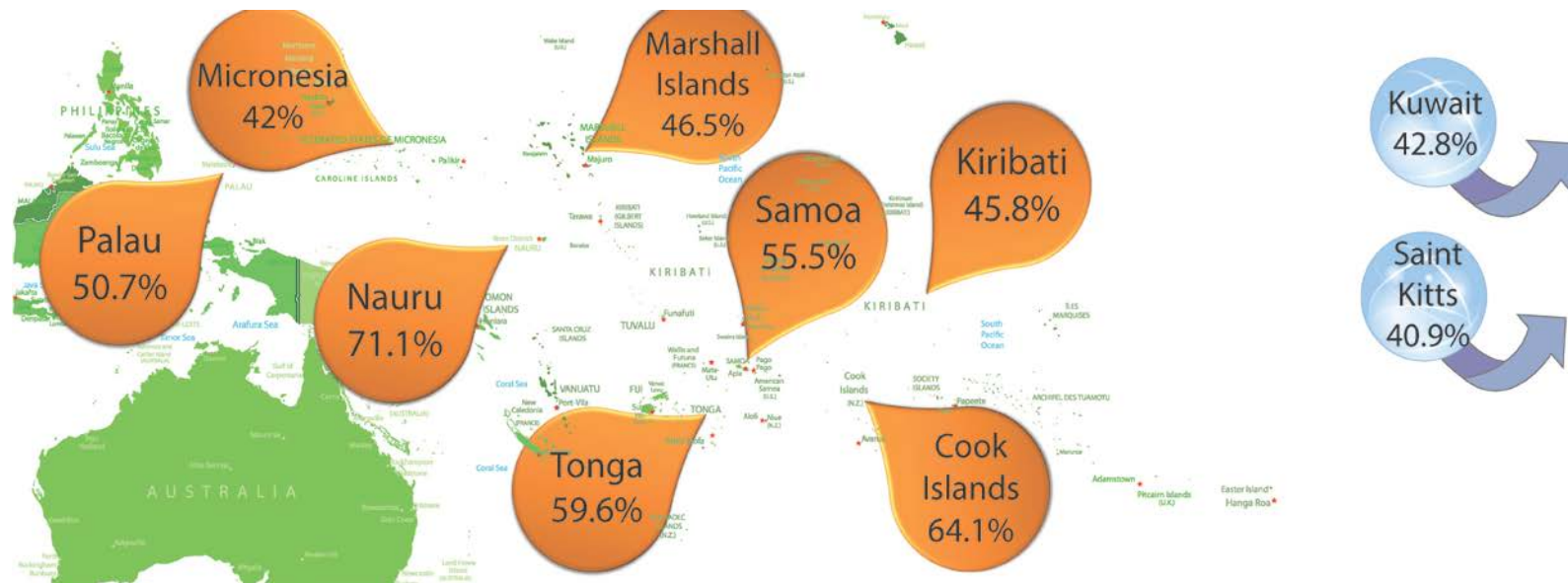
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# What is the evidence?

## Top 10 countries/territories for obesity in the world

Data from: World Health Organization (2012)



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