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# Food Waste in the US: Impact of 2015 Food Waste Policy

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2015 Food-Waste Policy

Dataset

Visualizations

Takeaways

Proposed Policy Interventions

Why these visualizations?

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## Why Food Wastage is important for the USA?

35% of  
food  
goes  
unold or  
uneaten.

Worth  
\$418  
billion.

2% of  
the USA  
gdp

Climate  
Footprint  
=Entire  
US  
aviation  
industry.

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US  
Department of  
Agriculture



US  
Environmental  
Protection  
Agency

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# 2015 Food-Waste Policy

--Aims to Reduce Food Waste by 50% by 2030



**Educate**

**Individuals and Communities**



**Encourage**

**Businesses to Reduce Food  
Waste**



To be specific: 2010 was selected as a baseline at **218.9** pounds of food waste per person and the aim is to reduce this to **109.4** pounds.

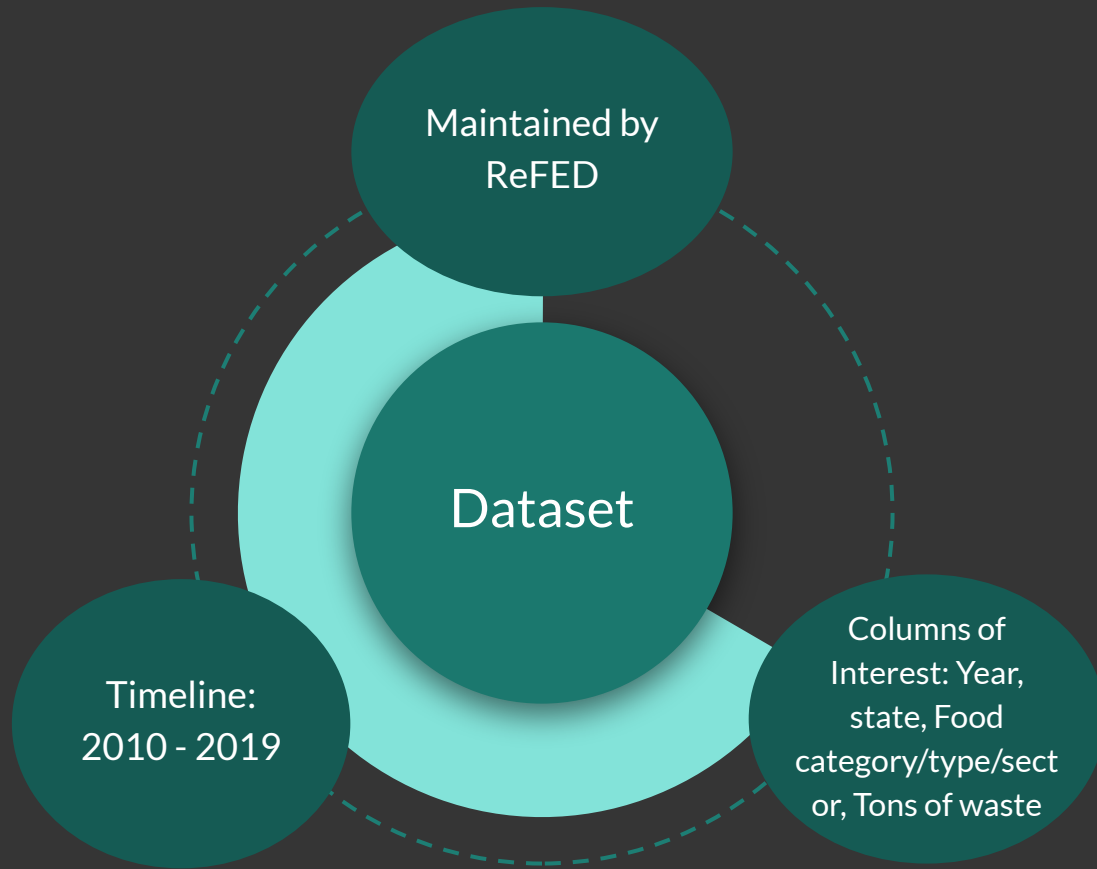




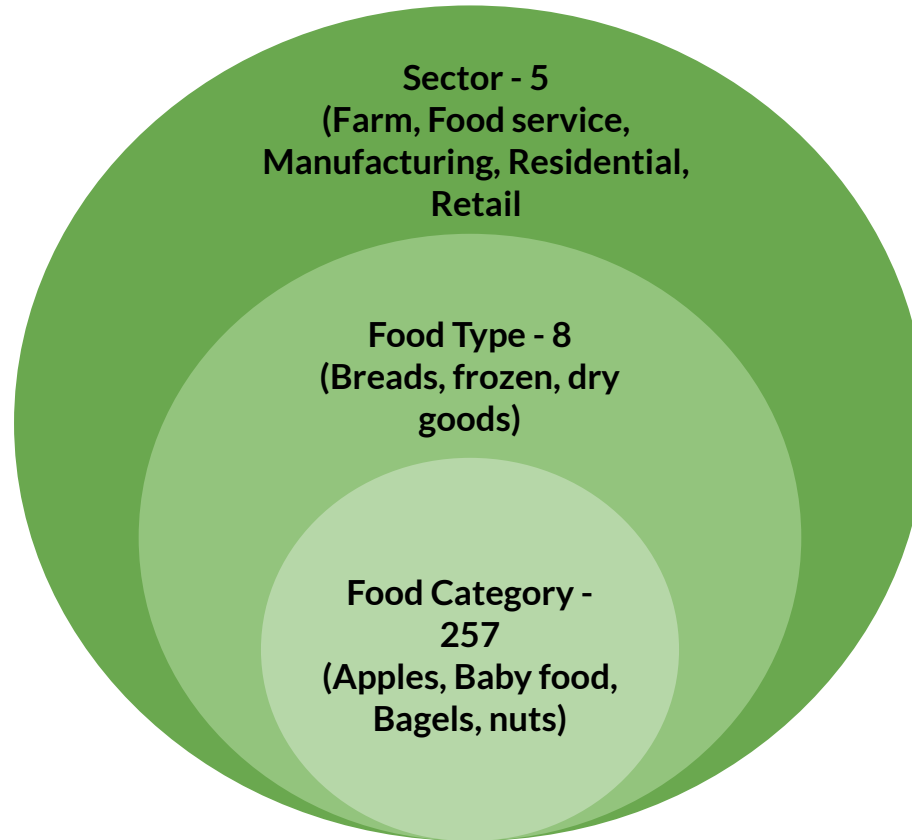
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**-How Effective** is food waste policy 2015?

**-Did it Help** reduce food waste in these five years?



# Sector, Food Type and Food Category

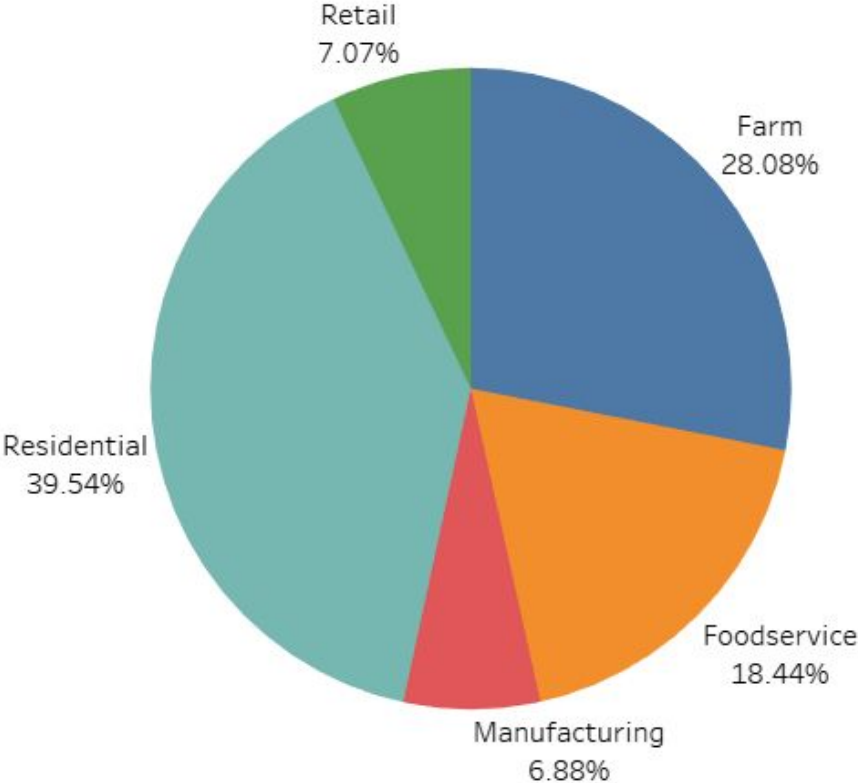


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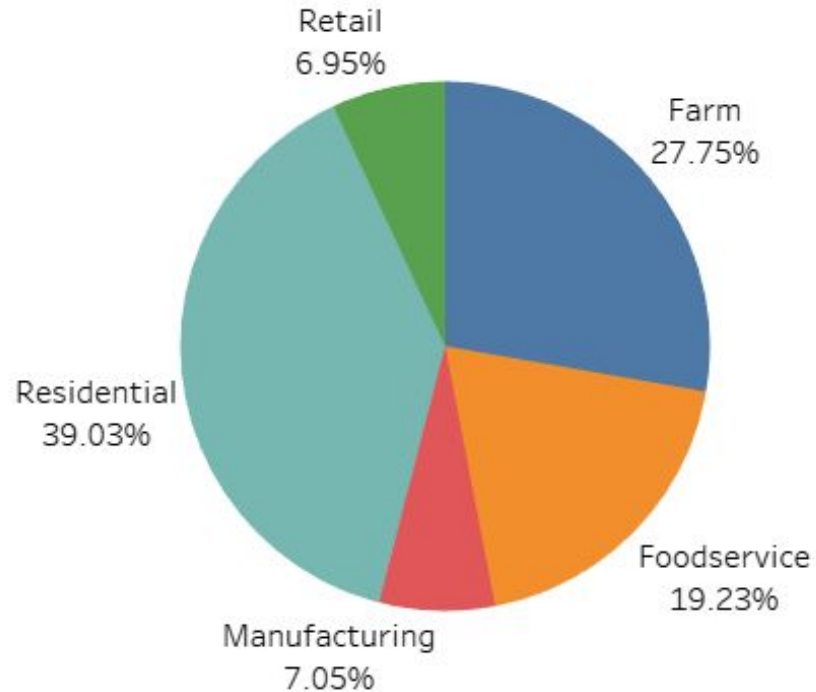
**Let's look at some  
visualizations to get our  
answers!**



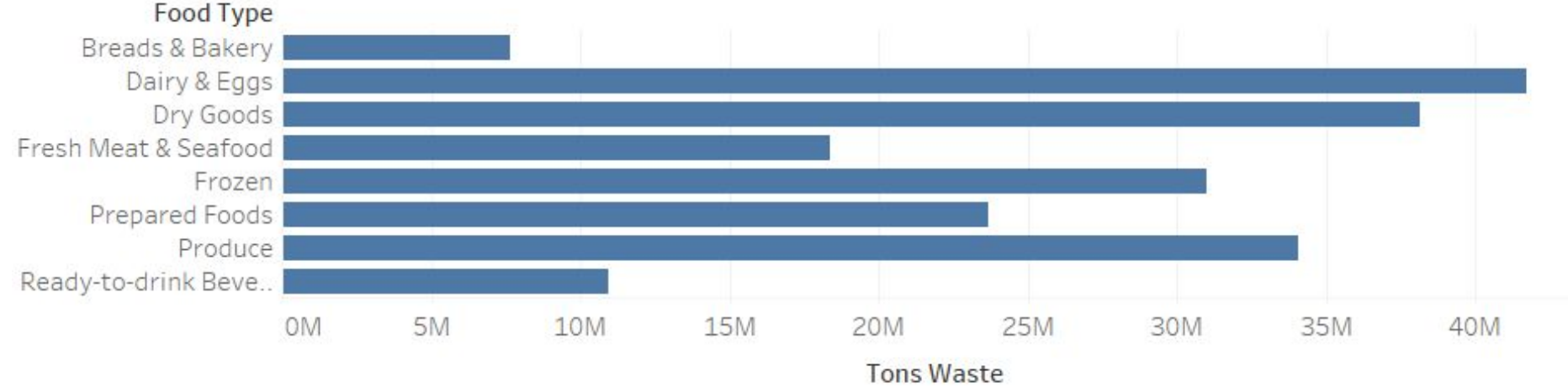
# Sector Wise Food Wastage from 2010 to 2019



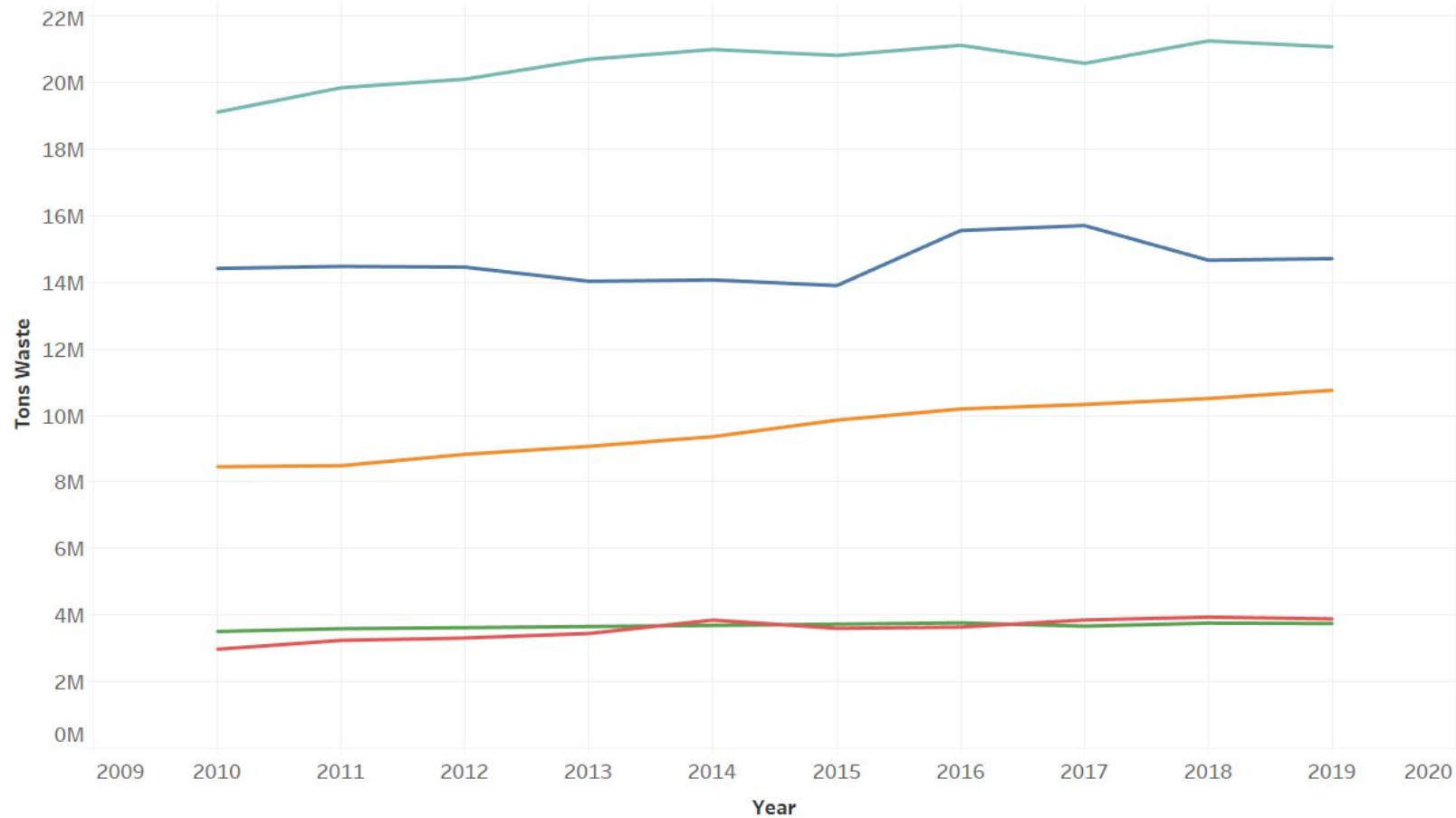
# Sector Wise Food Wastage from 2015 to 2019



# Food Wastage in Residential Sector from 2010-2019

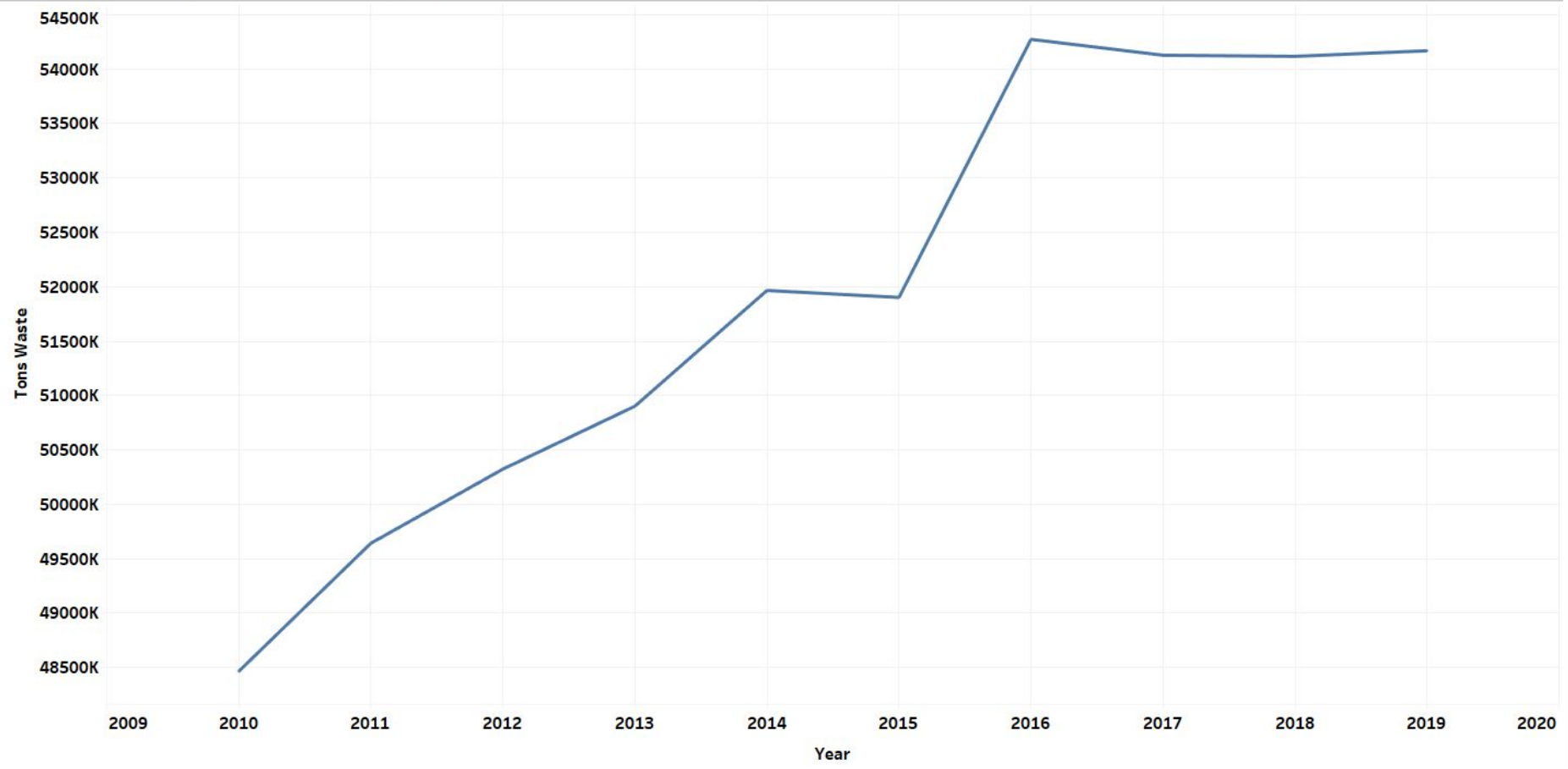


## Sector wise food wastage





**Food Wastage from 2010 to 2019**



# Salient Points

**85%**

Waste comes from 3 sectors - residential, food service and farm.

**27%**

Increase in food wastage in food service sector.

**10**

Years of data shows that farm is the only sector which has almost no increase in food wastage.

**5**

Of the sectors had no significant reduction in food wastage instead it has increased in 4 sectors.

## — Possible Policy Intervention

1. More focus on residential waste
2. Closely monitor food service sector
3. Impose penalties
4. Educate children in elementary school

The background of the image shows the silhouettes of several people sitting on a balcony or rooftop, looking out over a city skyline. The most prominent building in the skyline is St. Paul's Cathedral, with its large dome clearly visible. The sky is overcast and grey. The text is overlaid on this scene, with some words in white and others in orange.

In order to **feed increasing population** and **reduce waste** it is necessary for **policy makers** and **residents** to come together and **fight hunger together.**



# Why these Visualizations?

## Pie Chart

Indicates the percentage share of every sector clearly.



## Multiple Line Graph

Helps to gauge the trend of 5 different sectors in a single graph over a period of 10 years.

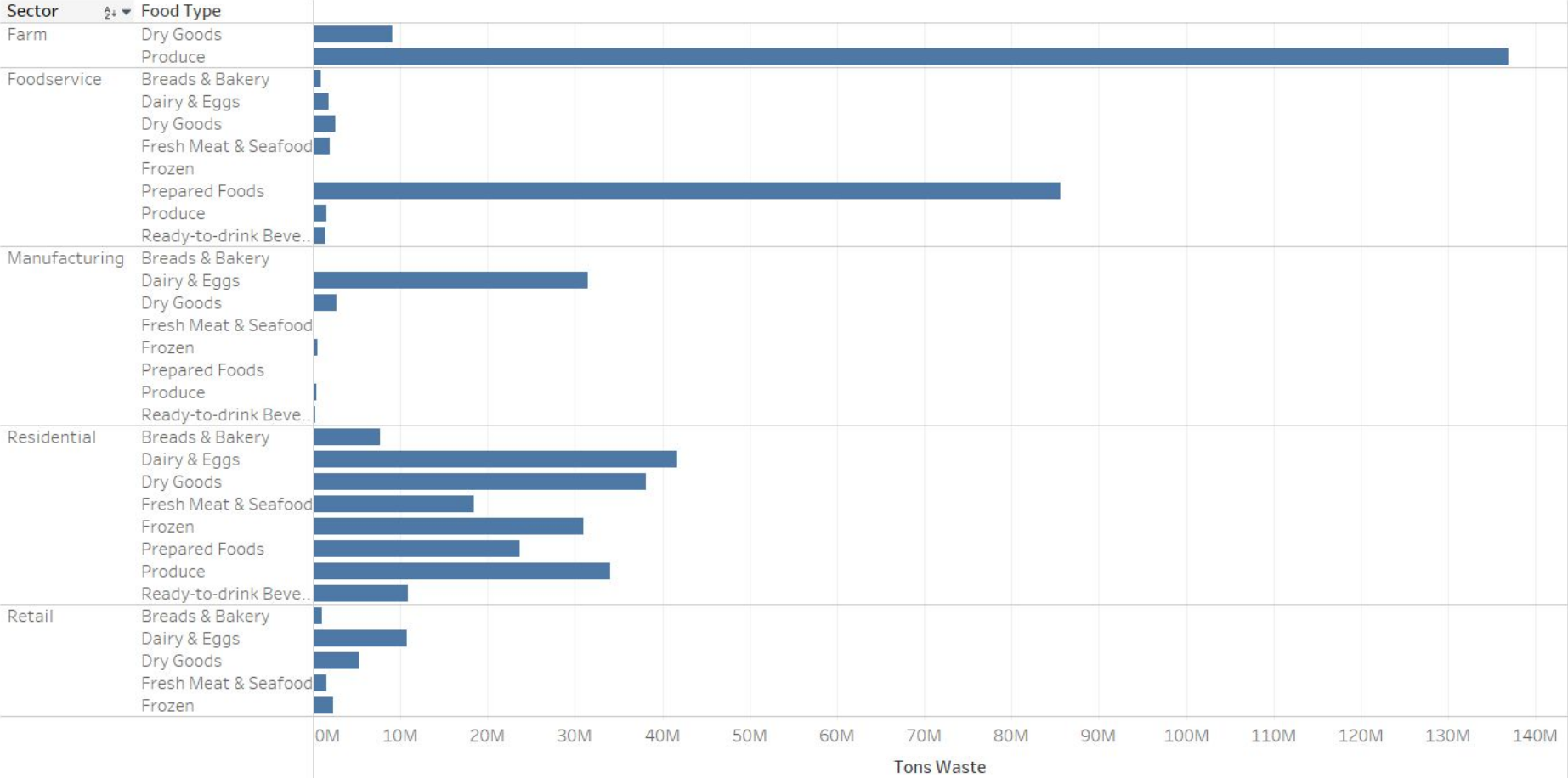
## Line Graph

Simple to understand.

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Some more  
**visualizations** which  
are worth  
mentioning.

# Food Types and Wastage





Thank you all.  
Have a Great Winter Break.