

FOODPRINT MELBOURNE

INQUIRY 1

What are the characteristics of Melbourne's foodbowl?

WORKSHEET 2

Is Melbourne's foodbowl currently able to feed its population?

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INTRODUCTION

Greater Melbourne's population of around 4.37 million (2015) required around 15 080 tonnes of food per day. A person eats about 1.2kg of food per day, but around 3.45kg per person has to be produced because of losses in food processing and production. Melbourne is located at the centre of a highly productive agricultural area, and its foodbowl has significant capacity for food production.

ACTIVITIES

Use data sheet 2 to complete the following activities.

1. Using figure 1, describe the foods that the city's foodbowl can supply for Melbourne in 2015.
2. How important is Melbourne's foodbowl to agricultural production in Victoria? Use figure 1 to justify your response.
3. Use figure 2 to describe the pattern of foods produced predominantly in the regional areas and predominantly in Melbourne's foodbowl.
4. According to figure 2, how important to Melbourne's food supply is food production in the regional areas?
5. Figure 3 shows five (5) hotspots or key areas in Melbourne's inner foodbowl. Use figure 3 to complete the following table:

HOTSPOT	SPECIFIC FOODS GROWN	% OF AUSTRALIAN OR VICTORIAN PRODUCTION	ADVANTAGES OF THE AREA FOR GROWING CROPS
Werribee South			
Bacchus Marsh			
Yarra Valley			
Casey/ Cardinia			
Mornington Peninsula			

6. Vegetables are vital to health. Using table 1, list the vegetables that are:
 - a. Almost totally provided by the inner foodbowl
 - b. Almost totally provided by the outer foodbowl
 - c. Calculate the percentages of vegetables required from regional Victoria or interstate to meet Melbourne's food needs