



# BUSA1027

## Demographic Fundamentals

Session 2, Special circumstance 2020

*Department of Actuarial Studies and Business Analytics*

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#### Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

#### Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

## General Information

Unit convenor and teaching staff

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Credit points

10

Prerequisites

Corequisites

Co-badged status

Unit description

This unit introduces students to demography and provides a platform of knowledge and skills for further demography/population related studies. Students will develop skills in the analysis of changes in population size and composition. The general patterns of fertility, mortality and migration in Australia and other countries will be studied, and their implications for population size and composition will be explained. The main source of demographic data and the main techniques for analysing population change will be introduced. Practical applications of demography in the public and private sector will be discussed.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

## Learning Outcomes

On successful completion of this unit, you will be able to:

**ULO1:** Define and explain basic demographic concepts.

**ULO2:** Recognise the main sources of demographic data, and of the strengths and limitations of the ranges of data that can be obtained from these sources.

**ULO3:** Apply basic demographic techniques to calculate demographic measures and interpret the results.

**ULO4:** Analyse trends in population size and composition in Australia and internationally.

**ULO5:** Recognise the patterns of fertility, mortality and migration in Australia through

data analysis using demographic techniques.

## General Assessment Information

- Assessment criteria for all assessment tasks will be provided on the unit iLearn site.
- It is the responsibility of students to view their marks for each within-session assessment on iLearn within 20 working days of posting. If there are any discrepancies, students must contact the unit convenor immediately. Failure to do so will mean that queries received after the release of final results regarding assessment marks (not including the final exam mark) will not be addressed.
- In the cases where a special consideration application is approved, the student may be offered an alternative assessment or may receive a mark based on the percentage mark achieved by the student in one or more other assessment tasks, at the unit convenor's discretion.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Assignment</u>	50%	No	Weeks 4, 7,10 and 12
<u>Final Examination</u>	50%	No	University Examination Period

### Assignment

Assessment Type <sup>1</sup>: Project

Indicative Time on Task <sup>2</sup>: 40 hours

Due: **Weeks 4, 7,10 and 12**

Weighting: **50%**

The assignment is organised in four parts. Students will need to conduct data analysis, interpretation, discussion and write a report.

On successful completion you will be able to:

- Define and explain basic demographic concepts.
- Recognise the main sources of demographic data, and of the strengths and limitations of the ranges of data that can be obtained from these sources.
- Apply basic demographic techniques to calculate demographic measures and interpret the results.

- Analyse trends in population size and composition in Australia and internationally.
- Recognise the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques.

## Final Examination

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **University Examination Period**

Weighting: **50%**

A two hour online open book exam will held during the University Examination Period.

On successful completion you will be able to:

- Define and explain basic demographic concepts.
- Recognise the main sources of demographic data, and of the strengths and limitations of the ranges of data that can be obtained from these sources.
- Apply basic demographic techniques to calculate demographic measures and interpret the results.
- Analyse trends in population size and composition in Australia and internationally.
- Recognise the patterns of fertility, mortality and migration in Australia through data analysis using demographic techniques.

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<sup>1</sup> If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

<sup>2</sup> Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

## Delivery and Resources

Required Text	There is no required textbook for this unit. Students are advised that there is no one single text which is followed closely. Rather for each topic a list of additional background readings will be provided to students.
Unit Web Page	The web page for this unit can be found at: <a href="https://ilearn.mq.edu.au/login/">https://ilearn.mq.edu.au/login/</a>

<b>Technology Used and Required</b>	Students are required to have access to a personal computer and familiarise themselves with iLearn ( <a href="https://ilearn.mq.edu.au/login/">https://ilearn.mq.edu.au/login/</a> ).  iLearn will be used to post lecture slides, assessment details, student grades and as a means of communication between staff members and students.
<b>Delivery Format and Other Details</b>	The timetable for classes can be found on the University web site at: <a href="http://www.timetables.mq.edu.au/">http://www.timetables.mq.edu.au/</a>
<b>Recommended readings</b>	A list of recommended readings will be available via Leganto
<b>Inherent Requirements</b>	None

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

Students seeking more policy resources can visit the [Student Policy Gateway](https://students.mq.edu.au/support/study/student-policy-gateway) (<https://students.mq.edu.au/support/study/student-policy-gateway>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/student-conduct>

## Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the

University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit [ask.mq.edu.au](mailto:ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

## Learning Skills

Learning Skills ([mq.edu.au/learningskills](http://mq.edu.au/learningskills)) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

## Student Services and Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

## Student Enquiries

For all student enquiries, visit Student Connect at [ask.mq.edu.au](mailto:ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## IT Help

For help with University computer systems and technology, visit [http://www.mq.edu.au/about\\_us/offices\\_and\\_units/information\\_technology/help/](http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/).

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

## Changes from Previous Offering

No major changes. Data will be updated.