



# BUSA1027

## Demographic Fundamentals

Session 2, Special circumstances 2021

*Department of Actuarial Studies and Business Analytics*

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#### **Disclaimer**

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#### **Session 2 Learning and Teaching Update**

The decision has been made to conduct study online for the remainder of Session 2 for all units WITHOUT mandatory on-campus learning activities. Exams for Session 2 will also be online where possible to do so.

This is due to the extension of the lockdown orders and to provide certainty around arrangements for the remainder of Session 2. We hope to return to campus beyond Session 2 as soon as it is safe and appropriate to do so.

Some classes/teaching activities cannot be moved online and must be taught on campus. You should already know if you are in one of these classes/teaching activities and your unit convenor will provide you with more information via iLearn. If you want to confirm, see the list of [units with mandatory on-campus classes/teaching activities](#).

Visit the [MQ COVID-19 information page](#) for more detail.

## General Information

Unit convenor and teaching staff

Unit Convenor

Nick Parr

[nick.parr@mq.edu.au](mailto:nick.parr@mq.edu.au)

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.

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

**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.

**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 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 tasks (not including the final exam mark) will not be addressed.

### Late submissions of assessments

Sometimes unavoidable circumstances occur that might prevent you from submitting an assessment on time and, in that case, you may be eligible to lodge a [Special Consideration request](#).

Unless a [Special Consideration request](#) has been submitted and approved, please note that no extensions to assessment deadlines will be granted. Assessments that are submitted late will attract a late penalty:

1. There will be a deduction of 10% of the total available marks for each 24 hour period or part thereof that the submission is late.
2. No assessment will be accepted more than 72 hours after the original due date and time (incl. weekends).
3. No late submissions will be accepted for timed assessments (e.g., quizzes, online tests) or for tasks with a weighting of 10% or less.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Assignment</a>	50%	No	Weeks 4, 7, 10 and 12
<a href="#">Final Examination</a>	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.
- Apply basic demographic techniques to calculate demographic measures and interpret the results.
- 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.
- 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.
- Apply basic demographic techniques to calculate demographic measures and interpret the results.
- 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.
- 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

### Classes

For each student there will be 3 hours teaching per week, consisting of two-hours of lecture material and a one-hour tutorial. Each student should watch and listen to the scheduled lecture and participate in one of the scheduled tutorials each week.

The **timetable** for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>

Students who wish to change tutorial classes must request permission from the Unit Convener. Attendance in all the tutorials and online use of lecture material will be monitored. When tutorial attendance is not possible, it is student's responsibility to inform the tutor and to ensure that they listen to the recording.

Please bring a calculator, lecture notes and the textbook to all tutorials. Please note that the tutorial classes will start in the first week of the session.

Students are expected to arrive on time and not leave until the class ends. Students with commitments that regularly prevent them from attending the entire tutorial are requested to discuss the situation with the lecturer or tutor.

In addition to the time spent listening to lectures and attending tutorials and doing assignments, each student is expected to spend a significant amount of time preparing for tutorials, updating lecture notes, reading the recommended demographic literature, learning the key definition and formulae, attempting tutorial exercises and past exam papers, and revising for the final exam (7 hours per week is recommended). Students are also encouraged to follow recent development and public debates in relation to population and society in Australia and elsewhere in the media.

### Recommended Texts and/or Materials

Rowland, Donald (2003). *Demographic Methods and Concepts*, Oxford University Press.

Other recommended readings may be accessed via the unit iLearn page or Leganto.

### Technology Used and Required

Unit Web Page: Students can access BUSA1027 unit materials online through Macquarie University's online learning environment, iLearn. Log into iLearn at [ilearn.mq.edu.au](http://ilearn.mq.edu.au) using student ID number and MQ Student Portal password.

Students are expected to be familiar with the use of basic office software, including word processing, spreadsheets and PowerPoint.

Lecture recordings (iLectures): Lectures will be recorded using the Echo360 Active Learning Platform and made available on iLearn.

## Unit Schedule

Please refer to iLearn

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). 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](#)

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

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/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](https://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](https://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](http://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

Previous material will be updated with recent data and to reflect recent events (e.g. the effects of the COVID-19 pandemic on mortality, migration, fertility and population growth in Australia and in selected overseas countries, and the conduct of the 2021 census of Australia).