

College of Commerce
Division of Economic and Financial Studies
Business Department

DEM127: Elements of Demography

Unit Outline, 2004

Unit Co-ordinator: Dr Nick Parr

Lecture Times: Monday, 3.05 pm-3.55 pm
Wednesday, 11.05 am-11.55 am

Student Resource Centre
Division of Economic & Financial Studies
MACQUARIE UNIVERSITY



DEM127: ELEMENTS OF DEMOGRAPHY
First Semester 2004
Information for Students

About Demography

Demography is the study of the changing size and composition of human populations, and the causes and consequences of such change. This subject will be useful not only to those with an interest in learning about population change it will also provide knowledge and skills which will be valuable to those aiming to pursue study or careers in marketing, market research, economics, statistics, health, business and many other areas. The size and composition of markets, electorates, public service clienteles and the labour force all are related to demography. Because of this, demographic analysis can assist planning marketing campaigns, retail site location, electoral campaign strategies and public sector resource allocation decisions, such as where to build schools and hospitals.

The Rationale and Objectives of the Unit

This unit will introduce students to the study of demography and provide a platform of knowledge and skills for further studies in this field. The main objective is to introduce students to the analysis of changes in population size and composition. The patterns of fertility, mortality and migration in Australia and other countries will be described, and their implications for population size and composition outlined. The main sources of demographic data and the main techniques for analysing population change will be introduced. Practical applications of demography in the public sector and the private sector will be discussed.

In addition to developing a knowledge of the basic elements of demography, the unit should assist students in developing skills in note-taking, accessing and analysing data, critical thinking, and library research.

Lectures and Tutorials: Times and Places

Students are expected to attend both lectures and one specified tutorial per week.

The times and places of the lectures are:

Mondays 3:05-3:55pm in C5CT2

Wednesday 11:05-11:55pm in the C5CT1

The times and places of the tutorials are:

~~Wednesdays 2:05-2:55pm in C5A401 (Family Names beginning with letters A to L)~~

~~Wednesdays 2:05-2:55pm in C5A226 (Family Names beginning with letters M to Z)~~

Wednesdays 3:05-3:55pm in C5A401

Wednesdays 4:05-4:55pm in C5A401

Thursdays 10:05-10:55am in W6B315

Thursdays 2:05-2:55pm in C5A401

Thursdays 2:05-2:55pm in E6A108 (subject to demand)

Please bring a calculator, lecture notes and the textbook to all tutorials. Final tutorial lists will be posted on the DEM127 bulletin board (www.bus.mq.edu.au/dem/127bulletin.htm). *Please note that there will be no tutorials in the first two weeks of this semester.*

Requirements and Assessment

The assessment of the unit will be by weighting the components as follows:

Assignments (five in total)	10%
Class Test 1	10%
Class Test 2	10%
Final Exam	70%

In addition students will be required to undertake independent study on one of the topics specified in the **Library Research Assignment**. Details of the dates for distribution of and submission of assignments are presented on the schedule of lectures. All assignments submitted should have a cover sheet which clearly states the student's name, ID number, the name and code of the unit, the tutor's name, and the number and date of submission of the assignment.

The due dates and times for the submission of assignments will be the times and dates of the tutorials. Penalties will be incurred for the late submission of assignments, unless satisfactory evidence of unavoidable disruption is presented. Tutors may refuse to mark the work of students who have a poor record of attendance or who have previously been late in submitting assignments (without satisfactory evidence of unavoidable disruption) on more than one occasion. Spare copies of assignments will be available in the Economics Reference Room (ERIC).

Students will be permitted to use a small battery-operated calculator in tests and exams, provided it does not have a text-returnable capacity. In addition to the time spent attending lectures and tutorials and doing assignments, each student is expected to spend a significant amount of time preparing for lectures and tutorials, updating lecture notes, learning the key formulae, attempting exercises from the workbooklet and textbook, reading the demographic literature, and revising for tests and exams (an average of 9 hours per week is expected).

Students are advised that a poor record of attendance in lectures and tutorials may adversely affect the grade awarded.

Grading

Students are expected to produce high quality work in examinations and class tests.

The final grade awarded will be within the scale:

- High Distinction (HD)
- Distinction (D)
- Credit (C)
- Pass (P)
- Pass Conceded (PC)
- Fail (F)
- Fail Absent (FA)

Textbook and Other Sources of Information

Prescribed Textbook

A.H. Pollard, Farhat Yusuf and G.N. Pollard, *Demographic Techniques* (third edition, 1990).

The sections relevant to this unit (Chapters 1-6 and 8) are available for photocopying in ERIC (C5C244).

or

Hinde, P.R.A. *Demographic Methods* (1998). Chapters 1-4, 8, 12, 16-18

or

Rowland, D.T. *Demographic Methods and Concepts* (2003) Chapters 1-4, 6-8, 10-12

Other Useful Sources of Information

Parr, N.J. and Farhat Yusuf *A Workbooklet in the Elements of Demography* (available via the DEM127 webpage or from the Library Reserve Collection webpage) includes many data analytic exercises that should help students to prepare for tutorials, class tests and the final examination.

Several of the topics covered in the lectures are not covered in the prescribed text. A list of other useful references can be accessed from the DEM127 page on the Demography web site (<http://www.bus.mq.edu.au/dem/127refer.html>).

Overheads and Notetaking

Copies of a selection of the overheads shown in lectures will be available on the *Reserve Collection* page of the Macquarie University library website (<http://www.lib.mq.edu.au/resources/reserve>). A copy of the *Workbooklet in the Elements of Demography* may also be accessed.

Note that the overheads offer only a skeletal coverage of the topics covered in lectures that must be augmented by additional notetaking during the lecture or using the recommended references. Please also note that only some of the overheads shown in lectures are available (eg. ones with key formulae or definitions or with tables of data that would be too lengthy to copy down during a lecture).

Demography Website

The address of the Macquarie University Demography website is www.bus.mq.edu.au/dem/ .

The site contains an array of materials relating to the various undergraduate units in demography. Additional materials will be added from time to time. DEM127 students should visit the DEM127 page www.bus.mq.edu.au/dem/127.html . Of particular importance is the DEM127 Bulletin Board www.bus.mq.edu.au/dem/127bulletin.htm. The Bulletin Board will be used by the Lecturer-in-Charge to relay information about the unit to students. It is expected students will visit this page on a regular basis.

Discontinuation of the Unit

Students who discontinue DEM127 before the 31st March 2004 will be deemed not to have been effectively enrolled in this unit and will not be liable for HECS contributions for this unit.

Lecturing and Tutorial Staff

<u>Name</u>		<u>Room</u>	<u>Phone No.</u>	<u>Email</u>
Dr. Nick Parr	Lecturer-in-Charge	C5C-326	9850 8570	nparr@efs.mq.edu.au
Dr. Fei Guo	Lecturer and Tutor	C5C-318	9850 8445	fguo@efs.mq.edu.au

Consultation Hours

Students are most welcome to visit the staff connected with the unit during their consultation hours. If you cannot make the scheduled consultation hour you are still welcome to visit the staff, however, since there is no guarantee that the staff will be available outside the hours below, phoning or emailing to make an appointment would be advisable.

<u>Name</u>	<u>Scheduled Consultation Hours</u>
Dr Nick Parr	Mondays 1pm-3pm
Dr Fei Guo	Monday 10am-12

DEM127: ELEMENTS OF DEMOGRAPHY
SCHEDULE OF LECTURES
Semester 1 2004

Date	Topic	Lecturer	Tutorials & Assignments
1 Monday 1 March Wednesday 3 March	Introduction to demography Sources of demographic data I	NP NP	No tutorial
2 Monday 8 March Wednesday 10 March	Sources of demographic data II Basic demographic measures I	NP NP	No tutorial
3 Monday 15 March Wednesday 17 March	Basic demographic measures II Basic demographic measures III	NP NP	Tutorial 1 Assignment 1 given out in tute Library Research Assignment given out in tute
4 Monday 22 March Wednesday 24 March	Computation of life tables I Computation of life tables II	FG FG	Tutorial 2 Assignment 1 due Assignment 2 given out in tute
5 Monday 29 March Wednesday 31 March	Uses of life tables Marriage and families in Australia	FG FG	Tutorial 3 Assignment 2 due
6 Monday 5 April Wednesday 7 April	Measurement of Fertility <i>Class Test No. 1</i>	FG NP/FG	No tutorial
Mid-Semester Break			
7 Monday 28 ²⁶ April Wednesday 30 ²⁸ April	<i>Public Holiday – no lecture</i> Fertility trends and differentials in Australia	FG	Tutorial 4 Class test 1 returned Assignment 3 given out in tute
8 Monday 3 May Wednesday 5 May	Measurement of mortality Mortality trends and differentials in Australia	NP NP	Tutorial 5 Assignment 3 due Assignment 4 given out in tute
9 Monday 10 May Wednesday 12 May	Population projections I Population projections II	NP NP	Tutorial 6 Assignment 4 due Assignment 5 given out in tute
10 Monday 17 May Wednesday 19 May	International migration & Australia Internal migration & population distribution	FG FG	Tutorial 7 Assignment 5 due
11 Monday 24 May Wednesday 26 May	Demography of Australia's Aborigines <i>Class Test No. 2</i>	MB NP/FG	No tutorial
12 Monday 31 May Wednesday 2 June	World population growth Uses of demography in the public sector	NP Guest	Tutorial 8 Class test 2 returned
13 Monday 7 June Wednesday 9 June	Uses of demography in the private sector Conclusion	Guest NP	No tutorial

Lecturers: (NP) Nick Parr (MB) Monica Byrnes (FG) Fei Guo

Special Consideration

You are expected to attend scheduled examinations with the other students completing this unit. If extraordinary circumstances prevent you from attending the scheduled examination or affect your performance in an examination, you may wish to lodge a request for special consideration.

Any such requests must be lodged on the appropriate form. If there are medical circumstances you wish to be taken into account when considering your request, the medical information must be lodged on the attached Professional Authority Form. No other form of medical certificate will be recognised.

Supplementary Examinations

The academic staff managing this unit may, at their discretion, decide that, in the light of the circumstances set out in a request for special consideration, the appropriate way to assess your performance in this unit is to invite you to sit a supplementary examination. If this is the case, please remember that, as students sitting a supplementary examination have had the benefit of additional preparation time, the examination may be set to a higher standard and it may well be marked more strictly.

Secondly, please remember that, if you sit a supplementary examination, the results of the supplementary examination will determine your overall result, regardless of how well you may have performed in the scheduled examination.

Support Services for Overseas Students

The University Counselling and Health Services has appointed a counsellor specifically to assist students from overseas countries and those who speak English as their second language. She is particularly expert in assisting with difficulties which involve adjustment to University life or to Australian custom, personal difficulties or the skills of studying, of reading, learning and remembering, or organising and motivating study, or of facing the examinations. Much of the work with students is conducted on an individual basis in a confidential setting. However, each semester groups are conducted to assist students in study skills, stress management and preparation for returning to the home country.

Cheating and Plagiarism

Cheating and plagiarism are regarded as attempts to gain an unfair advantage over your fellow students and will not be tolerated. Please read the Plagiarism and Cheating document below which sets out the Division's policy in these matters.

THE DANGERS OF CHEATING AND PLAGIARISM AND HOW TO AVOID THEM

To cheat in the context of university assignments, tests and examinations is to attempt to gain an unfair advantage by violating the principles of intellectual and scholarly integrity. Cheating also

encompasses plagiarism, which is the appropriation or imitation of another person's ideas and manner of expressing them.

WHAT IS CHEATING?

You will be guilty of cheating if you do any of the following:

1. Copy from another student during a test or examination. This is cheating whether or not there is collusion between the students involved. Collusion with another student who wishes to cheat from you exposes both parties to penalties under University Regulations.
2. Use or paraphrase the work of others, including any document, audio-visual or computer-based material, when preparing an assignment or writing an examination, and pretend it is your own work by not acknowledging where it came from.
3. Copy from another student's coursework whether that copying be with or without the knowledge of that student. This includes:
 - copying all or part of someone else's assignment
 - allowing someone else to copy all or part of your assignment
 - having someone else do all or part of an assignment for you
 - doing all or part of someone else's assignment for them.
4. Make up data and fabricate results in research assignments.
5. Impersonate someone else in an examination or test, or arrange such impersonation.
6. Use forbidden material in a test or examination, whether in printed or electronic form. For example, attempting to use a non-standard calculator in a restricted calculator examination.

WHY IS IT WRONG?

If you take and use the work of another person without clearly stating or acknowledging your source, you are falsely claiming that material as your own work and committing an act of plagiarism. This is wrong because:

- it violates the principle of intellectual and scholarly integrity.
- it devalues the grades and qualifications gained legitimately by other students.

PREVENTING CHEATING

All students and staff have a responsibility to prevent, discourage and report cheating.

Typically students cheat because they are having difficulty with the unit content, the language of the unit, or both. Cheating and/or plagiarism can be a temptation when students are experiencing difficulty with a heavy workload in the unit and seek to save time by using others work.

To avoid having students resort to cheating, the University provides many services to help students with their course or to make thoughtful decisions about whether to continue. Within the Division of Economic and Financial Studies, students should first seek assistance from their tutor

and/or lecturer. The University also offers help through the Dean of Students or the University Health and Counselling Services.

There is a difference between getting help and cheating. You are encouraged to get help if you need assistance to understand the material and any set work so that you are in a better position to create your own answers.

HOW TO PLAY SAFE

To maintain good academic practice, so that you may be given credit for your own efforts, and so that your own contribution can be properly appreciated and evaluated, you should acknowledge your sources and you should ALWAYS:

- (i) State clearly in the appropriate form where you found the material on which you have based your work, using the system of reference specified by the Division in which your assignment was set;
- (ii) Acknowledge the people whose concepts, experiments or results you have extracted, developed or summarised, even if you put these ideas into your own words;
- (iii) Avoid excessive copying of passages by another author, even where the source is acknowledged. Find another form of words to show that you have thought about the material and understood it, but remember to state clearly where you found the ideas.

There is nothing wrong with working with other students in a group; indeed sometimes you will be encouraged to do so. But after a certain point, each student must work on their own to produce their own written answers. If no specific guidelines for group-work have been given, a reasonable interpretation is that it is acceptable for two or more students to discuss a problem among themselves or with a staff member. The group may then agree that the answer should include certain points. But then each member of the group must independently write their own answer to the problem.

PENALTIES

Students who are guilty of cheating and plagiarism will be penalised. Depending on the nature of the offence, the unit coordinator will determine the penalty. For example, extensive plagiarism may result in zero marks for an assignment. Repeat offences will be referred to the University Discipline Committee and may result in failure or exclusion from the university.

(This material has been compiled from the existing plagiarism documents of Macquarie University and University of Auckland.)

MACQUARIE UNIVERSITY

Professional Authority Form

This form must be completed by a professional authority.

Students at Macquarie University are able to apply for special consideration if they are unable to attend an examination or if they consider that their examination preparation or overall performance in a unit of study has been affected by unavoidable disruption or misadventure. Special consideration may also be granted if a student is forced to leave the examination room early due to illness or unavoidable disruption and believes that his/her examination performance has been affected. In most circumstances documentary evidence is required before special consideration will be granted and your assistance in providing information on the student's illness or misadventure would be appreciated. The information you provide will allow the University to make a fair decision about the student's academic performance and will only be used to assess the student's request for special consideration. If special consideration is requested on non-medical grounds, appropriate supporting documentation must be provided, e.g. statutory declarations by independent witnesses, police reports, or statements from sufficiently senior officials in the place of employment. Photocopies of documents will not be accepted unless they have been certified by a member of the Registrar's staff.

Professional Use Only

Student's Name: _____ ID Number: _____

Date of Consultation: _____

Date/s of illness or misadventure: From: _____ To: _____

Please tick the box which best describes the student's illness or misadventure

In my opinion the effect of the illness or misadventure on the above day/s was (or will be):
Negligible () mild () moderate () severe ()

Was the student suffering from symptoms of the illness or misadventure on the date of the consultation? Yes/No
Please provide details of misadventure or illness including symptoms and the way in which the circumstances are likely to affect exam performance. Is the illness or misadventure related to or as a result of a pre-existing condition? Give details below.

Name and Title: _____

Profession: _____

Provider Number: _____

Signature: _____

Phone number/s: _____



Stamp or seal of Professional Authority

