

Summary of 2009 MSOD research findings

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CPMC



Introduction

- Summary of selected analyses
 - Dynamics b/w u'grad & postgrad
 - Rural intentions & rural clinical placements
 - Predictors of generalism and specialism
 - Other
 - Indigenous figures
 - International students
 - Remediation & temporary absences

Dynamics of postgraduate and undergraduate schools

Dynamics of postgrad & undergrad

- Looked at key trends in postgraduate vs undergraduate schools at request of faculty managers
- Key trends
 - Postgraduate schools have older students, have more loans and government support
 - Undergraduate schools have more international fee-paying students

Age effects – income source

	Undergrad	Postgrad
Government assistance	271 (8.2%)	602 (18.3%)
Parents / other family	1388 (41.9%)	849 (25.9%)
Part-time work	549 (16.6%)	806 (24.6%)
Scholarship	291 (8.8%)	161 (4.9%)
FEE-HELP loan	609 (18.4%)	411 (12.5%)
Financially independent	175 (5.3%)	309 (9.4%)
Loan	22 (0.7%)	122 (3.7%)
Other	5 (0.2%)	23 (0.7%)
	3310	3283

Overseas born students – Entry scheme

	Undergrad	Postgrad
Commonwealth supported	877 (51.9%)	857 (55.4%)
Commonwealth MRBS	51 (3.0%)	55 (3.6%)
Commonwealth BMP	288 (17.0%)	281 (18.2%)
State Health Bonded Scholarship	x	x
DDS	0 (0%)	9 (0.6%)
Australian Fee Paying	166 (9.8%)	113 (7.3%)
International fee paying	294 (17.4%)	175 (11.3%)
University funded student	X	x
Total	1680	1538
Missing	10	10
	1690	1548

Factors associated with rural practice intentions

Factors associated with rural practice intentions

1. Entry factors
2. Exit as four categories
3. Exit as up/down

1. Entry intentions

- Key predictors of future rural practice
 - GP intentions
 - Rural residence for 5 years or more
 - Scholarship income
 - Other rural residence indicators

2. Changes in intention

- Split the sample into four categories
 - Staying rural
 - Staying city
 - Going rural
 - Going city
- Examined key associations with the four categories

Factors affecting intentions

Affect change in intention

No

Not really

Yes

Considering
self rural

Age (rural
stayers are ten
years older)

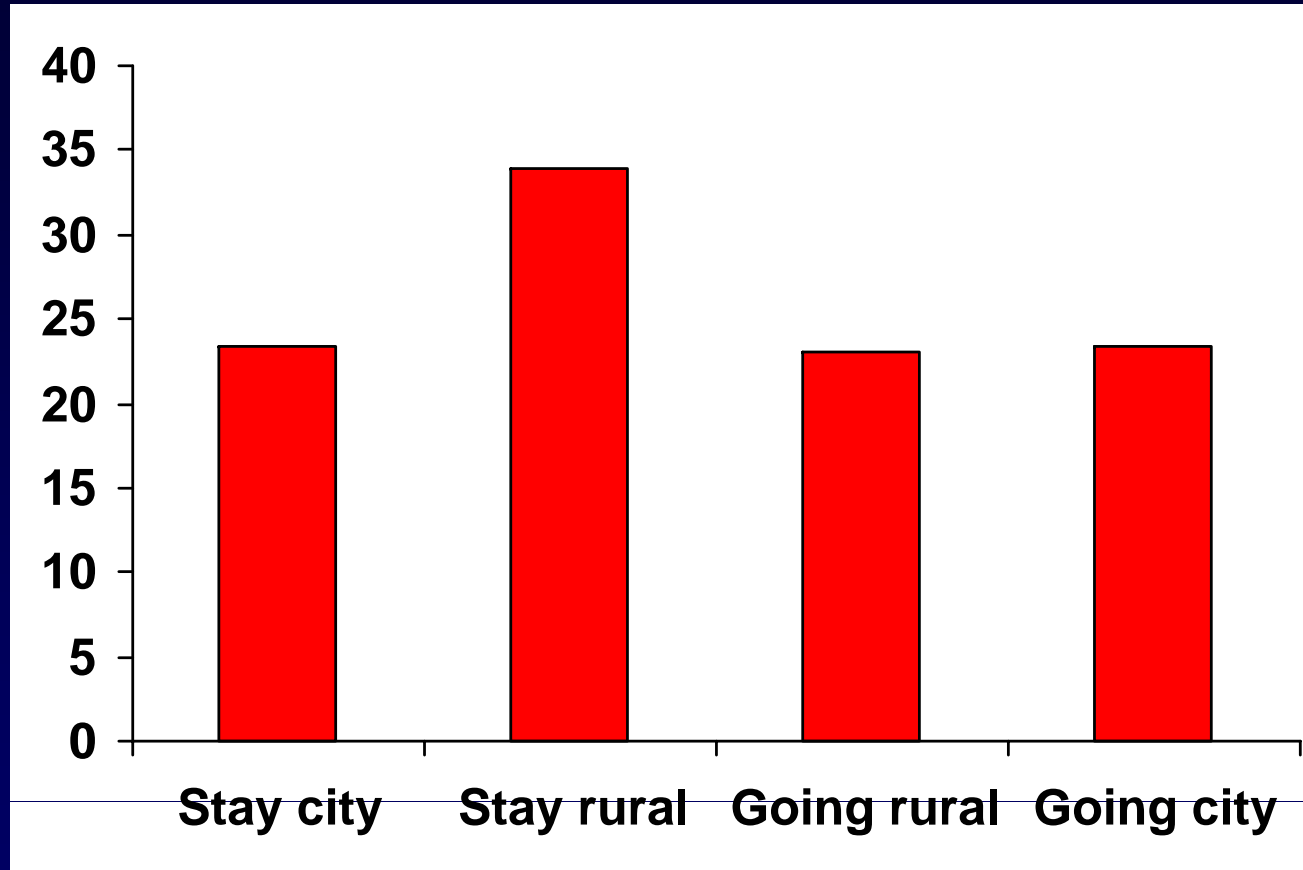
Rural placements

Marital status
(entry or exit)

Initial GP
intentions (rural
stayers only)

Age

Age



Rural placements

E.g. RRMA4

	Stay city	Stay rural	Going rural	Going city
No	100%	71.4%	88.9%	96.7%
Yes	0%	28.6%	11.1%	3.3%

3. Predicting exit intentions

- Holding entry intention constant
- When considered simultaneously, key predictors are
 - Entry rural practice intentions
 - Prior rural residence
 - More rural placements in later years

Exploring generalist & specialist intentions

Generalism

- Predictive analysis using four groups
- Findings
 - Early GP placements are associated with a shift AWAY from generalism
 - Longer GP placements are associated with a shift TOWARD generalism

Findings

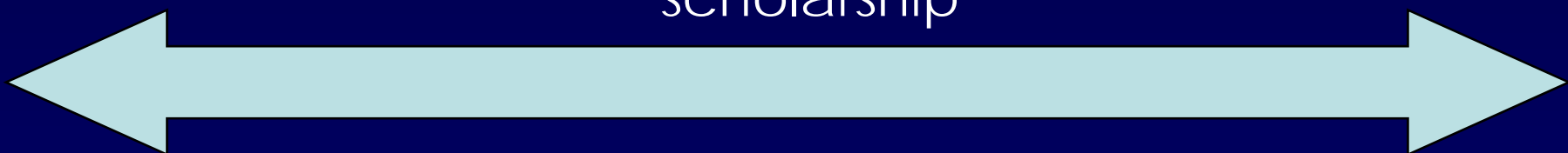
GP placements in early years

Most demographics

Marital status

Entry scheme & scholarship

Longer GP placement



Decreasing GP intention

No effect

Increasing GP intention

GP placements (1st & 2nd year)

	Never a GP	Always a GP	Leaving GP	Becoming a GP
No	88.4%	100%	55.6%	100%
Yes	11.6%	0%	44.4%	0%

Length of GP placement

	Never a GP	Always a GP	Leaving GP	Becoming a GP
O-49 hours	74.2%	100%	44.4%	60%
50-79 hours	11.7%	0%	44.4%	0%
80+ hours	14.1%	0%	11.1%	40%

Other

Indigenous students by year

	2005	2006	2007	2008
Number of participants self-identifying as ATSI	6	20	34	37

Indigenous students by state

	n
NSW	47
VIC	8
QLD	20
SA	8
WA	12
TAS	2

Remediation & absences

	1 st year	2 nd year	3 rd year
Temporarily away	24 (0.4%)	53 (1.8%)	22 (2.5%)
Withdrawn	68 (1.2%)	61 (2.1%)	25 (2.9%)

International student intentions

- 8 international students have completed entry and exit questionnaires.
 - At entry to medical school, 5 intended to practice overseas
 - At exit from medical school, only 2 intended to practice overseas.

Overall conclusions

- Undergrad vs postgrad
- Rural intentions
- GP intentions
- Other