Snapshot: Mid North Health Region – Chronic Conditions, Risk Factors, and Mental Health

FINDINGS IN BRIEF
- Respondents in the Mid North Health Region were more likely to have arthritis.
- Respondents were more likely to be classified as overweight.

INTRODUCTION
This brief report provides a snapshot of key epidemiological information on the prevalence of chronic conditions, risk factors, and mental health for respondents 16 years and over in the Mid North health region (n = 253), the rest of South Australia (n = 12874), and the total for South Australia (n = 13127) for the period July 2002 to December 2004.

METHODS
The data in this report were obtained from the South Australian Monitoring and Surveillance System (SAMSS) dataset. This system aims to provide representative, timely and relevant population data on the South Australian community. The questions in SAMSS are related to the priority health areas and main indicators pertinent to Department of Health policies.

SAMSS collects data at the population level, and each month approximately 600 people are interviewed. The interviews are conducted by telephone utilising the CATI (Computer-Assisted Telephone Interviewing) system. All households in South Australia with a telephone number listed in the Electronic White Pages are eligible for selection in the sample. Within each household, the person who last had their birthday is selected for interview. There are no replacements for non-contactable persons. For further information on SAMSS methodology consult the SAMSS methodology brief report or SAMSS methodology technical paper series.

RESULTS
Mental Health
Table 1 shows the prevalence of self-reported mental health conditions in the Mid North health region, the rest of South Australia, and the whole of South Australia. There were no statistically significant differences.

<table>
<thead>
<tr>
<th>Mental Health Condition</th>
<th>Mid North (%)</th>
<th>Rest of South Australia (%)</th>
<th>Whole of South Australia (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Mental Condition</td>
<td>15.6</td>
<td>14.0</td>
<td>14.0</td>
</tr>
<tr>
<td>Psychological Distress</td>
<td>11.9</td>
<td>10.4</td>
<td>10.4</td>
</tr>
<tr>
<td>Suicidal Ideation</td>
<td>5.9</td>
<td>4.9</td>
<td>4.9</td>
</tr>
</tbody>
</table>

*Statistically significantly different from rest of SA using χ² test (p<0.05)

Figure 1 presents the prevalence of selected self-reported chronic conditions in the Mid North health region, the rest of South Australia, and the whole of South Australia.

<table>
<thead>
<tr>
<th>Chronic Conditions</th>
<th>Mid North</th>
<th>Rest of South Australia</th>
<th>Whole of South Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arthritis</td>
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<td></td>
<td></td>
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<tr>
<td>Asthma</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>CVD</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Disability</td>
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<td></td>
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<td>Diabetes</td>
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<td></td>
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<tr>
<td>Injury</td>
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<tr>
<td>Osteoporosis</td>
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</tbody>
</table>

* Statistically significantly different from rest of SA using χ² test (p<0.05)
Key Findings:

- Respondents in the Mid North health region were statistically significantly more likely to have arthritis (26.1%; 95% CI 20.9-32.0) than respondents in the rest of South Australia (20.8%; 95% CI 20.1-21.5).

Health Risk Factors

Figure 2 shows the prevalence of selected risk factors in the Mid North health region, the rest of South Australia, and the whole of South Australia. The selected risk factors include: consuming less than the recommended daily intake of vegetables and fruit, insufficient physical activity (using definition 2), risk of harm from alcohol in the long (LT) and short term (ST), current smoking, current high cholesterol (HC), current high blood pressure (HBP) and body mass index (BMI).

The prevalence of overweight and obesity among 16 and 17 year olds was calculated using the classification of Cole et al. The body mass index of respondents aged 18 years and over was calculated according to World Health Organisation (WHO) criteria.

* Statistically significantly different from rest of SA using χ² test (p<0.05)

Figure 2: Prevalence of selected risk factors in Mid North health region, the rest of South Australia, and whole of South Australia, 16 years and over

SUMMARY

These findings indicate that arthritis is an important health issue in the Mid North health region. Being overweight was the most significant health risk factors for this region.

REFERENCES


INFORMATION

For further results from the survey, please visit the Population Research and Outcome Studies Unit web site at: http://www.dh.sa.gov.au/pehs/PROS.html