

# Self Reported Health Status 2012

## Health Indicators: Chronic Disease and Behavioural Risk Factors

*Queensland*



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These reports present findings from the Self Reported Health Status 2012 survey for health indicators stratified by sex, age, Socio-Economic Indexes for Areas (SEIFA), and the Accessibility/Remoteness Index of Australia (ARIA+).

Self reported health status 2012: preventive health indicators, Queensland. Queensland Health: Brisbane; 2012.

Self reported health status 2012: technical report. Queensland Health: Brisbane (anticipated early 2013).

Current as of November 2012

These documents are available on the Queensland Health internet site at:  
<http://www.health.qld.gov.au/epidemiology/default.asp>

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## Summary of health indicators: Queensland 2012

Indicator (self reported)	Age group (years)	Population-weighted prevalence %	95% CI
<b>Body Mass Index</b>			
Underweight (BMI <18.5)	18+	2.5	2.1-3.0
Healthy weight (BMI 18.5-<25)	18+	39.8	38.6-41.0
Overweight (BMI 25-<30)	18+	35.0	33.8-36.2
Obese (BMI 30+)	18+	22.7	21.8-23.7
Overweight/Obese (BMI 25+)	18+	57.7	56.4-58.9
Unhealthy	18+	60.2	59.0-61.4
<b>Physical activity (PA)</b>			
Sufficient activity for health benefit	18-75	56.1	54.8-57.4
<b>Health conditions</b>			
Diabetes	18+	8.6	8.1-9.2
High blood pressure	18+	29.0	28.0-30.0
High cholesterol	18+	29.0	27.9-30.0
<b>Cancer<sup>a</sup></b>			
Cancer	18+	16.2	15.5-16.9
Skin cancer <sup>a</sup>	18+	10.2	9.6-10.8
Breast cancer	18+	2.8	2.4-3.2
Prostate cancer	18+	2.1	1.8-2.4
<b>Fruit and vegetable consumption</b>			
Adequate fruit intake (2+ serves/day)	18+	53.7	52.5-54.9
Adequate vegetable intake (5+ serves/day)	18+	9.7	9.0-10.4
Mean daily fruit intake (serves)	18+	1.8	1.7-1.8
Mean daily vegetable intake (serves)	18+	2.4	2.4-2.4
<b>Smoking</b>			
Daily smoking	18+	14.3	13.5-15.2
<b>Alcohol consumption - 2009 Australian Guidelines to Reduce Health Risks from Drinking Alcohol</b>			
Lifetime risk	18+	21.1	20.1-22.1
Single occasion risk – at least yearly but not weekly	18+	35.5	34.3-36.8
Single occasion risk – at least weekly	18+	15.3	14.4-16.2
<b>Quality of life</b>			
Self rated health <sup>b</sup>	18+	83.0	82.1-83.8
Quality of life <sup>b</sup>	18+	90.9	90.2-91.5
Satisfaction with health <sup>b</sup>	18+	79.7	78.8-80.7
<b>Unsafe sun exposure</b>			
Sunburnt previous year	18+	51.6	50.4-52.8
Sunburnt previous weekend	18+	9.2	8.5-10.0
<b>Sun safety behaviours<sup>c</sup></b>			
3 or more - summer	18+	52.6	51.4-53.8
All 5 - summer	18+	5.9	5.4-6.4
3 or more - winter	18+	26.4	25.4-27.4
All 5 - winter	18+	2.5	2.2-2.9

<sup>a</sup> Cancer includes non-melanoma skin cancer; for other types of cancer and skin cancer see Table 10 and Table 11

<sup>b</sup> Proportion of respondents reporting: Health status excellent, very good or good; Quality of life very good or good; Satisfaction with health very satisfied or satisfied.

<sup>c</sup> Best practice sun safety behaviours (use of sunglasses, hats, sun-protective clothing, sunscreen and shade).

## Introduction

This report summarises health information collected by the Self Reported Health Status 2012 survey (SRHS 2012). The SRHS survey series is conducted annually by Epidemiology, Preventive Health Unit (EPHU) to provide accurate and timely information on the health of Queenslanders. Information is intended for use by health sector decision makers to understand and respond to changing health needs. The survey series is focused on chronic disease and related behavioural and socio-demographic risk factors. The information is used by the Queensland Government to report against key health indicators for state-wide health initiatives as well as to meet nationally standardised health reporting requirements.

## Methods

The SRHS 2011 survey was commissioned by Queensland Health and conducted between 19 Sept 2011 and 1 Apr 2012 using computer assisted telephone interviewing (CATI) methodology by a specialist CATI provider. Trained telephone interviewers and supervisors conducted and monitored the interviews.

A total of 19,781 adults aged 16 years and older participated in the survey throughout Queensland. The response rate was 81% of eligible persons.

Combinations of daytime and evening interviewing sessions were used to give people, particularly shift workers, young adults and the elderly, every opportunity to participate. Once a household was contacted, every effort was made to obtain an interview from the selected adult, including multiple call backs and scheduling to suit the respondent.

The SRHS adheres to all relevant legislation and standards such as the *Privacy Act (1988)*, the *Public Health Act (2009)*, the *Telemarketing and Research Calls Industry Standard (2007)* and has been approved by Queensland Health Human Research Ethics Committee.

Additional methodological information, including a copy of the questionnaire, are included in the technical report<sup>1</sup> or may be requested from EPHU by contacting the email address on the inside front cover of this report.

## Target population and sample frame

The target population for the survey was individuals aged 16 years or older and the sampling unit was households in Queensland with at least one landline telephone. From each contacted private household the person who had the next birthday was asked to participate.

The SRHS 2012 used a randomly generated telephone number sampling frame sourced from an external provider which permitted the inclusion of unlisted and silent numbers. A small, but unknown, proportion of the target population was excluded from selection in the survey because their household did not have a fixed telephone. The inclusion of mobile telephone numbers in CATI sampling frames has recently been demonstrated to have no significant effects on reported prevalence of preventive health indicators in South Australia.<sup>2</sup>

The SRHS 2012 was designed to be pooled with the SRHS 2011 for analysis of Local Government Areas (LGAs) and used a stratified sampling method. Sample size targets were determined as follows: 420 respondents from LGAs with an ERP of at least 8,000 persons aged 16 years and older, 100 to 150 respondents from LGAs with an ERP of between 2,000 and 7,999, and population proportional sample size for LGAs with a population less than 2,000. Additional details may be found in the SRHS 2012: Technical Report.<sup>1</sup>

## Survey measures

The questionnaire for the survey was developed by Queensland Health specifically for this purpose. To ensure quality data, the questionnaire was based on instruments validated by other researchers, recommendations by expert working groups, or questions successfully used previously by Queensland Health and/or other state health jurisdictions.

The SRHS 2012 collected information for the following health domains:

- Body mass index (BMI)
- Fruit and vegetable consumption
- Physical activity
- Smoking
- Alcohol consumption
- Sunburn and sun protection
- Blood pressure, cholesterol, diabetes
- Cancer
- Quality of life
- Socio-demographic variables

## Weighting

Data presented in this report are weighted by age and sex distribution for the LGA (or aggregates of contiguous LGAs in cases of small sample sizes) as contained in the rebased Estimated Resident Population (ERP) for Queensland 2011.<sup>3</sup> The data were also weighted for the number of adults per household and the number of fixed telephone lines to the household. The weighted results and associated confidence intervals can be considered an accurate representation of the demographic profile of the adult residents of Queensland.

## Guide to interpretation

This report presents population weighted prevalence of behavioural risk factors associated with chronic disease and select self reported health conditions. Population weighted prevalence translates to the number of cases in an area, for example the number of smokers in Queensland, and is valuable for service planning.

### Reliability of estimates

Relative standard error (RSE) and 95% confidence intervals (CI) are used to demonstrate the precision of the estimates. The CI is a range of values that would contain the true population value 95% of the time if this survey were repeated on multiple samples. It is a function of sample size and prevalence of the health factor being investigated, thus, smaller sample sizes result in larger confidence intervals and a less precise estimate.

RSE is calculated by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate. It is useful when assessing the reliability of estimates with large confidence intervals. As based on methodology used by the Australian Bureau of Statistics, prevalence with RSE less than 25% are considered reliable, prevalence with an RSE between 25% and 50% should be interpreted with caution (marked with '\*') and prevalence with an RSE greater than 50% are not considered reliable and are not included in tables (marked with '\*\*').

Additionally, reliability is reduced when there is a small sample size or very low prevalence. In rare circumstances, a trait may be so infrequent that publication of the result would compromise strict privacy protocols. For these reasons, findings are only reported when

- At least 10 respondents report the characteristic of interest, and
- There are at least 30 respondents in the subpopulation sample, and
- There are at least 50 respondents in the total population sample.

All estimates included in this report satisfied these criteria.

The reliability of an estimate may also be affected when the sample doesn't reflect the demographic characteristics of the population. Table 1 presents the number of respondents (Sample n), weighted sample percent and 2011 rebased ERP by demographic categories for Queensland. Estimates are less reliable when the sample size is small or where the weighted sample percent varies markedly from the 2011 ERP. This is most likely to be observed in the youngest and oldest age categories or by area of socioeconomic advantage/disadvantage.

**Table 1: Completed interviews by age, sex, socioeconomic quintile and remoteness, Queensland, 2012**

	Males				Females				Persons			
	Sample		Weighted Sample	2011 ERP	Sample		Weighted Sample	2011 ERP	Sample		Weighted Sample	2011 ERP
	n	%	%	%	n	%	%	%	n	%	%	%
<b>18+ years<sup>a</sup></b>	9,609	49.5	49.2	49.4	9,789	50.5	50.8	50.6	19,398	100	100	100
<b>Age group</b>												
18-24 years	398	4.1	12.3	13.4	303	3.1	12.2	12.7	701	3.6	12.3	13.0
25-34 years	749	7.8	19.0	18.7	1,004	10.3	18.3	18.1	1,753	9.0	18.6	18.4
35-44 years	1,452	15.1	18.8	18.7	1,729	17.7	18.7	18.6	3,181	16.4	18.8	18.7
45-54 years	1,863	19.4	18.2	17.9	1,855	18.9	17.9	17.8	3,718	19.2	18.0	17.8
55-64 years	2,172	22.6	15.3	15.2	1,995	20.4	15.0	14.9	4,167	21.5	15.2	15.0
65-74 years	1,875	19.5	9.9	9.8	1,735	17.7	9.6	9.5	3,610	18.6	9.7	9.7
75+ years	1,100	11.4	6.4	6.3	1,168	11.9	8.3	8.3	2,268	11.7	7.4	7.3
<b>Socioeconomic advantage/disadvantage (persons 18+ years)<sup>b, c</sup></b>												
Disadvantage	3,773	39.3	18.4	20.2	3,935	40.2	18.1	19.8	7,708	39.8	18.3	20.0
Quintile 2	2,018	21.0	18.8	18.6	2,012	20.6	19.2	18.7	4,030	20.8	19.0	18.7
Quintile 3	1,618	16.8	20.8	20.5	1,629	16.6	19.9	20.3	3,247	16.7	20.3	20.4
Quintile 4	1,175	12.2	20.8	20.0	1,206	12.3	21.0	20.4	2,381	12.3	20.9	20.2
Advantage	1,019	10.6	21.1	20.7	1,005	10.3	21.7	20.8	2,024	10.4	21.4	20.7
<b>Remoteness (persons 18+ years)<sup>b, c</sup></b>												
Major cities	2,785	29.0	58.1	58.6	2,872	29.3	59.1	60.0	5,657	29.2	58.6	59.3
Inner regional	2,004	20.9	20.8	19.1	2,060	21.0	20.7	19.1	4,064	21.0	20.7	19.1
Outer Regional	2,730	28.4	16.1	16.0	2,720	27.8	15.6	15.5	5,450	28.1	15.9	15.7
Remote	1,095	11.4	2.8	3.7	1,132	11.6	2.5	3.2	2,227	11.5	2.6	3.4
Very Remote	995	10.4	2.3	2.6	1,005	10.3	2.0	2.3	2,000	10.3	2.2	2.5

<sup>a</sup> 383, 16-17 year old respondents excluded from this table

<sup>b</sup> 2006 census ABS SLA SEIFA/ARIA+ classification mapped to 2011 SLAs

<sup>c</sup> Minor boundary changes between 2006 & 2011 resulted in slightly imperfect mapping of the 2006 classifications to 2011 SLAs

## Determining statistical significance

In this report series, statistically significant differences between groups are determined based on non-overlap of confidence intervals. EPHU acknowledge that this method is conservative and the rationale is discussed in the methods report.<sup>4</sup>

## Results

Results are presented in Table 2 to Table 12. Data are stratified by sex, age, age by sex, Socio-Economic Indexes for Areas (SEIFA)<sup>5</sup> and the Accessibility/Remoteness Index of Australia (ARIA+).<sup>6</sup> Both SEIFA and ARIA+ are based on respondents' area of residence and are therefore not characteristics of an individual.<sup>7</sup> State-wide results of public health significance are discussed in the 2012 Chief Health Officer report.<sup>8</sup>

**Table 2: Body mass index, Queensland, 2012**

	<b>Underweight BMI &lt;18.5 % (95% CI)</b>	<b>Healthy Weight BMI 18.5-&lt;25 % (95% CI)</b>	<b>Overweight BMI 25-&lt;30 % (95% CI)</b>	<b>Obese BMI 30+ % (95% CI)</b>	<b>Overweight/ Obese BMI 25+ % (95% CI)</b>	<b>Unhealthy weight</b>
<b>Persons (18+ years)</b>	2.5 (2.1-3.0)	39.8 (38.6-41.0)	35.0 (33.8-36.2)	22.7 (21.8-23.7)	57.7 (56.4-58.9)	60.2 (59.0-61.4)
<b>Sex (18+ years)</b>						
Males	1.5 (1.1-2.0)	33.7 (32.0-35.5)	41.9 (40.2-43.7)	22.9 (21.5-24.3)	64.8 (63.0-66.6)	66.3 (64.5-68.0)
Females	3.6 (2.9-4.4)	45.9 (44.2-47.7)	28.0 (26.5-29.5)	22.5 (21.2-23.9)	50.5 (48.8-52.2)	54.1 (52.3-55.8)
<b>Age category - persons</b>						
16-17 years	**	70.4 (62.8-77.1)	18.5 (13.3-25.2)	*7.3 (4.1-12.7)	25.8 (19.7-33.1)	29.6 (22.9-37.2)
18-24 years	5.6 (3.5-8.8)	62.3 (57.1-67.2)	22.2 (18.3-26.6)	10.0 (7.3-13.4)	32.2 (27.6-37.1)	37.7 (32.8-42.9)
25-34 years	1.9 (1.2-3.0)	43.9 (40.3-47.6)	35.4 (31.9-39.0)	18.8 (16.1-21.7)	54.1 (50.5-57.8)	56.1 (52.4-59.7)
35-44 years	2.2 (1.6-3.0)	39.2 (36.7-41.7)	36.1 (33.7-38.6)	22.5 (20.5-24.7)	58.6 (56.1-61.1)	60.8 (58.3-63.3)
45-54 years	1.8 (1.3-2.6)	32.7 (30.5-35.0)	37.2 (34.9-39.6)	28.3 (26.2-30.5)	65.5 (63.2-67.7)	67.3 (65.0-69.6)
55-64 years	2.2 (1.6-3.0)	30.0 (28.0-32.0)	37.6 (35.5-39.7)	30.3 (28.3-32.3)	67.8 (65.8-69.9)	70.0 (68.0-72.0)
65-74 years	2.1 (1.5-2.8)	29.8 (27.7-31.9)	40.4 (38.2-42.6)	27.8 (25.8-29.9)	68.2 (66.0-70.2)	70.2 (68.1-72.3)
75+ years	2.6 (1.9-3.6)	44.4 (41.5-47.4)	34.7 (31.9-37.5)	18.3 (16.0-20.8)	53.0 (50.0-55.9)	55.6 (52.6-58.5)
<b>Age category - male</b>						
16-17 years	**	65.1 (55.7-73.4)	24.4 (17.0-33.7)	*8.6 (4.9-14.7)	33.0 (24.8-42.4)	34.9 (26.6-44.3)
18-24 years	*4.4 (2.2-8.5)	59.1 (52.3-65.6)	27.3 (21.7-33.7)	9.2 (6.3-13.1)	36.5 (30.3-43.2)	40.9 (34.4-47.7)
25-34 years	**	36.1 (30.9-41.6)	44.2 (38.8-49.8)	19.1 (15.1-23.9)	63.4 (57.8-68.6)	63.9 (58.4-69.1)
35-44 years	*0.5 (0.2-1.2)	32.5 (29.1-36.1)	42.4 (38.8-46.1)	24.6 (21.5-27.8)	67.0 (63.4-70.4)	67.5 (63.9-70.9)
45-54 years	*1.0 (0.5-1.8)	24.4 (21.6-27.4)	45.0 (41.6-48.4)	29.7 (26.6-33.0)	74.7 (71.6-77.5)	75.6 (72.6-78.4)
55-64 years	*1.9 (1.1-3.1)	24.5 (21.9-27.2)	43.8 (40.7-46.8)	29.9 (27.1-32.8)	73.7 (70.8-76.3)	75.5 (72.8-78.1)
65-74 years	*1.6 (0.9-2.7)	24.8 (22.2-27.5)	47.5 (44.3-50.6)	26.2 (23.5-29.0)	73.6 (70.8-76.3)	75.2 (72.5-77.8)
75+ years	*1.6 (0.9-2.8)	44.5 (40.5-48.6)	39.7 (35.7-43.8)	14.2 (11.5-17.3)	53.9 (49.8-57.9)	55.5 (51.4-59.5)
<b>Age category - female</b>						
16-17 years	**	77.4 (63.5-87.0)	*10.8 (5.1-21.3)	**	*16.5 (8.8-29.0)	*22.6 (13.0-36.5)
18-24 years	*6.8 (3.6-12.5)	65.5 (57.5-72.6)	16.9 (11.9-23.5)	10.8 (6.7-17.0)	27.7 (21.2-35.3)	34.5 (27.4-42.5)
25-34 years	3.3 (2.1-5.4)	52.0 (47.2-56.7)	26.3 (22.4-30.6)	18.4 (15.2-22.2)	44.7 (40.1-49.4)	48.0 (43.3-52.8)
35-44 years	3.9 (2.8-5.5)	46.1 (42.6-49.6)	29.6 (26.4-33.0)	20.4 (17.7-23.4)	50.0 (46.5-53.6)	53.9 (50.4-57.4)
45-54 years	2.7 (1.8-4.1)	41.2 (37.9-44.6)	29.2 (26.2-32.4)	26.8 (24.0-29.8)	56.0 (52.6-59.4)	58.8 (55.4-62.1)
55-64 years	2.5 (1.6-3.8)	35.7 (32.8-38.8)	31.2 (28.4-34.1)	30.6 (27.8-33.6)	61.8 (58.7-64.8)	64.3 (61.2-67.2)
65-74 years	2.6 (1.8-3.7)	35.0 (32.0-38.2)	32.9 (29.9-36.0)	29.5 (26.7-32.5)	62.4 (59.2-65.5)	65.0 (61.8-68.0)
75+ years	3.4 (2.4-5.0)	44.3 (40.2-48.5)	30.7 (26.9-34.8)	21.6 (18.2-25.4)	52.2 (48.0-56.4)	55.7 (51.5-59.8)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>						
Disadvantaged	2.2 (1.7-2.8)	32.3 (30.2-34.5)	37.3 (35.1-39.5)	28.2 (26.3-30.3)	65.5 (63.3-67.6)	67.7 (65.5-69.8)
Quintile 2	2.0 (1.3-3.0)	34.6 (32.1-37.2)	36.3 (33.9-38.8)	27.1 (24.9-29.4)	63.4 (60.8-65.9)	65.4 (62.8-67.9)
Quintile 3	2.2 (1.5-3.1)	39.8 (37.2-42.4)	34.6 (32.2-37.2)	23.5 (21.4-25.6)	58.1 (55.4-60.7)	60.2 (57.6-62.8)
Quintile 4	3.2 (2.2-4.6)	42.4 (39.3-45.5)	34.5 (31.8-37.4)	19.9 (17.7-22.4)	54.4 (51.3-57.5)	57.6 (54.5-60.7)
Advantaged	2.9 (2.0-4.3)	48.1 (45.1-51.2)	32.7 (30.0-35.5)	16.3 (14.4-18.4)	49.0 (46.0-52.0)	51.9 (48.8-54.9)
<b>Remoteness (persons 18+ years)</b>						
Major cities	2.8 (2.2-3.6)	42.9 (41.1-44.8)	34.3 (32.6-35.9)	20.0 (18.7-21.3)	54.2 (52.4-56.0)	57.1 (55.2-58.9)
Inner regional	1.9 (1.5-2.5)	36.1 (33.9-38.5)	36.1 (33.9-38.3)	25.9 (23.9-28.0)	61.9 (59.6-64.2)	63.9 (61.5-66.1)
Outer regional	2.1 (1.5-2.9)	34.9 (32.4-37.5)	36.2 (33.8-38.7)	26.8 (24.6-29.0)	63.0 (60.4-65.5)	65.1 (62.5-67.6)
Remote	2.2 (1.5-3.2)	34.3 (31.2-37.5)	35.4 (32.4-38.5)	28.1 (25.4-30.9)	63.5 (60.3-66.6)	65.7 (62.5-68.8)
Very remote	2.2 (1.5-3.4)	32.1 (28.9-35.4)	35.3 (32.3-38.4)	30.4 (27.4-33.5)	65.7 (62.3-68.9)	67.9 (64.6-71.1)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use.

Included in totals where applicable.

**Table 3: Sufficient physical activity for health benefit, Queensland, 2012**

	<b>Males</b> % (95% CI)	<b>Females</b> % (95% CI)	<b>Persons</b> % (95% CI)
<b>Persons (18-75 years)</b>	59.5 (57.6-61.3)	52.8 (51.0-54.6)	56.1 (54.8-57.4)
<b>Age category</b>			
18-24 years	76.5 (69.9-82.0)	68.7 (60.9-75.6)	72.5 (67.5-77.1)
25-34 years	65.8 (60.2-70.9)	52.9 (48.1-57.7)	59.4 (55.7-62.9)
35-44 years	55.2 (51.4-59.0)	52.0 (48.5-55.5)	53.6 (51.0-56.2)
45-54 years	57.0 (53.5-60.4)	53.1 (49.7-56.5)	55.0 (52.6-57.5)
55-64 years	52.2 (49.0-55.4)	48.8 (45.6-51.9)	50.5 (48.2-52.7)
65-75 years	50.7 (47.5-53.8)	40.4 (37.3-43.6)	45.5 (43.3-47.7)
<b>Socioeconomic advantage/disadvantage (persons 18-75 years)</b>			
Disadvantaged			50.9 (48.4-53.3)
Quintile 2			53.9 (51.2-56.6)
Quintile 3			56.8 (54.1-59.5)
Quintile 4			57.4 (54.2-60.6)
Advantaged			60.2 (57.1-63.2)
<b>Remoteness (persons 18-75 years)</b>			
Major cities			58.2 (56.4-60.1)
Inner regional			52.5 (49.9-54.9)
Outer regional			53.5 (50.7-56.2)
Remote			54.5 (51.2-57.7)
Very remote			53.2 (49.8-56.6)



**Table 4: Fruit and vegetable consumption, Queensland, 2012**

	Adequate fruit intake <sup>a</sup> % (95% CI)	Adequate vegetable intake <sup>a</sup> % (95% CI)	Mean daily fruit intake mean (95% CI)	Mean daily vegetable intake mean (95% CI)	Adequate fruit and vegetable intake mean (95% CI)
<b>Persons (18+ years)</b>	53.7 (52.5-54.9)	9.7 (9.0-10.4)	1.8 (1.7-1.8)	2.4 (2.4-2.4)	7.4 (6.9-8.0)
<b>Sex (18+ years)</b>					
Male	49.5 (47.8-51.3)	6.8 (5.9-7.7)	1.7 (1.6-1.7)	2.2 (2.1-2.2)	4.9 (4.2-5.8)
Female	57.7 (56.0-59.4)	12.5 (11.6-13.5)	1.8 (1.8-1.9)	2.6 (2.6-2.7)	9.9 (9.0-10.8)
<b>Age category - persons</b>					
16-17 years	23.6 (17.7-30.7)	17.6 (12.6-24.1)	1.9 (1.7-2.0)	2.3 (2.0-2.5)	*8.0 (4.6-13.6)
18-24 years	53.6 (48.3-58.8)	5.6 (3.8-8.1)	1.8 (1.7-1.9)	2.3 (2.1-2.4)	5.0 (3.3-7.6)
25-34 years	50.1 (46.5-53.7)	8.9 (7.0-11.3)	1.7 (1.6-1.8)	2.4 (2.3-2.5)	6.5 (4.8-8.6)
35-44 years	47.9 (45.4-50.4)	8.8 (7.5-10.3)	1.6 (1.6-1.7)	2.3 (2.3-2.4)	6.1 (5.0-7.3)
45-54 years	52.0 (49.7-54.4)	9.4 (8.2-10.8)	1.7 (1.6-1.8)	2.4 (2.3-2.4)	6.8 (5.8-8.0)
55-64 years	58.9 (56.8-61.1)	13.3 (11.9-14.9)	1.9 (1.8-1.9)	2.5 (2.5-2.6)	10.9 (9.6-12.3)
65-74 years	59.7 (57.5-61.9)	12.6 (11.2-14.1)	1.9 (1.9-2.0)	2.5 (2.5-2.6)	10.2 (8.9-11.6)
75+ years	63.5 (60.6-66.2)	10.2 (8.6-12.1)	2.0 (1.9-2.1)	2.4 (2.3-2.5)	8.3 (6.8-10.1)
<b>Age category - male</b>					
16-17 years	26.1 (18.5-35.5)	18.3 (11.9-26.9)	1.9 (1.6-2.1)	2.3 (2.0-2.6)	*8.2 (3.8-17.0)
18-24 years	54.4 (47.4-61.2)	*6.2 (3.7-10.1)	1.8 (1.7-2.0)	2.3 (2.2-2.5)	*5.4 (3.1-9.2)
25-34 years	48.0 (42.4-53.5)	8.0 (5.3-11.9)	1.6 (1.5-1.8)	2.2 (2.1-2.4)	*5.4 (3.2-9.0)
35-44 years	44.1 (40.4-47.8)	5.2 (3.9-7.0)	1.5 (1.4-1.6)	2.1 (2.0-2.1)	3.8 (2.7-5.5)
45-54 years	47.9 (44.5-51.3)	5.7 (4.4-7.3)	1.6 (1.5-1.7)	2.1 (2.0-2.2)	4.1 (3.0-5.5)
55-64 years	51.4 (48.3-54.5)	7.6 (6.0-9.6)	1.7 (1.6-1.8)	2.1 (2.0-2.2)	5.2 (4.0-6.8)
65-74 years	53.4 (50.3-56.5)	7.9 (6.3-9.7)	1.8 (1.7-1.9)	2.2 (2.1-2.2)	5.8 (4.5-7.5)
75+ years	55.4 (51.3-59.4)	8.3 (6.3-10.8)	1.8 (1.7-1.9)	2.2 (2.1-2.3)	6.0 (4.3-8.2)
<b>Age category - female</b>					
16-17 years <sup>a</sup>	20.6 (12.5-32.1)	*16.9 (9.7-27.7)	1.8 (1.6-2.1)	2.2 (1.9-2.6)	**
18-24 years	52.8 (44.9-60.5)	*5.0 (2.7-9.0)	1.7 (1.5-1.9)	2.2 (2.0-2.4)	*4.7 (2.4-8.7)
25-34 years	52.2 (47.5-56.9)	9.8 (7.4-12.9)	1.7 (1.6-1.8)	2.5 (2.4-2.6)	7.5 (5.3-10.4)
35-44 years	51.6 (48.1-55.0)	12.3 (10.2-14.7)	1.7 (1.6-1.8)	2.6 (2.5-2.7)	8.2 (6.6-10.3)
45-54 years	56.1 (52.8-59.4)	13.1 (11.0-15.4)	1.8 (1.7-1.9)	2.6 (2.6-2.7)	9.5 (7.8-11.4)
55-64 years	66.4 (63.5-69.2)	18.9 (16.6-21.5)	2.0 (1.9-2.1)	2.9 (2.8-3.0)	16.4 (14.2-18.9)
65-74 years	66.1 (63.0-69.0)	17.3 (15.1-19.8)	2.1 (2.0-2.2)	2.9 (2.8-3.0)	14.6 (12.5-16.9)
75+ years	69.4 (65.6-73.0)	11.6 (9.3-14.4)	2.1 (2.0-2.2)	2.5 (2.4-2.7)	10.1 (7.9-12.8)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>					
Disadvantaged	51.2 (48.9-53.4)	10.0 (8.9-11.3)	1.7 (1.6-1.7)	2.3 (2.3-2.4)	7.6 (6.6-8.7)
Quintile 2	51.1 (48.6-53.7)	9.4 (8.2-10.8)	1.7 (1.6-1.7)	2.4 (2.3-2.4)	6.8 (5.8-8.0)
Quintile 3	52.6 (50.0-55.2)	9.9 (8.6-11.4)	1.7 (1.7-1.8)	2.4 (2.3-2.5)	7.1 (6.0-8.4)
Quintile 4	55.4 (52.3-58.3)	9.7 (8.2-11.4)	1.8 (1.7-1.9)	2.4 (2.4-2.5)	7.3 (6.1-8.8)
Advantaged	57.6 (54.6-60.5)	9.5 (7.8-11.4)	1.9 (1.8-2.0)	2.4 (2.4-2.5)	8.3 (6.7-10.1)
<b>Remoteness (persons 18+ years)</b>					
Major cities	55.0 (53.2-56.8)	8.9 (8.0-9.9)	1.8 (1.7-1.8)	2.4 (2.3-2.4)	7.1 (6.3-8.0)
Inner regional	52.2 (49.9-54.5)	10.8 (9.6-12.2)	1.7 (1.6-1.8)	2.5 (2.4-2.5)	7.8 (6.8-9.0)
Outer regional	51.5 (49.0-54.1)	10.3 (9.0-11.9)	1.7 (1.7-1.8)	2.4 (2.3-2.5)	7.6 (6.5-8.9)
Remote	51.4 (48.2-54.5)	11.8 (9.8-14.2)	1.7 (1.6-1.8)	2.4 (2.4-2.5)	9.2 (7.4-11.5)
Very remote	50.8 (47.5-54.1)	11.4 (9.4-13.8)	1.7 (1.6-1.7)	2.5 (2.4-2.6)	8.9 (7.1-11.2)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use.

Included in totals where applicable.

<sup>a</sup> Recommended daily fruit intake for 16-17 year olds is one serve higher than for adults and recommended daily vegetable intake is one serving lower<sup>9</sup>, which will effect proportions meeting recommended intake in this age group.

**Table 5: Daily smoking, Queensland, 2012**

	Current daily % (95% CI)	Current - not daily % (95% CI)	Ex-smoker % (95% CI)	Never smoked % (95% CI)
<b>Persons (18+ years)</b>	14.3 (13.5-15.2)	2.9 (2.5-3.4)	28.3 (27.3-29.3)	54.5 (53.3-55.7)
<b>Sex (18+ years)</b>				
Male	15.3 (14.2-16.6)	4.1 (3.4-5.1)	30.8 (29.4-32.3)	49.7 (47.9-51.4)
Female	13.3 (12.2-14.5)	1.7 (1.3-2.3)	25.8 (24.5-27.2)	59.2 (57.5-60.8)
<b>Age category - persons</b>				
18-24 years	15.0 (11.7-19.1)	6.8 (4.5-10.0)	4.8 (3.1-7.4)	73.4 (68.5-77.7)
25-34 years	16.3 (14.0-19.0)	4.2 (2.8-6.1)	21.7 (19.0-24.7)	57.8 (54.2-61.3)
35-44 years	17.5 (15.6-19.5)	2.7 (2.0-3.5)	27.7 (25.5-30.0)	52.2 (49.6-54.7)
45-54 years	17.4 (15.8-19.2)	2.1 (1.6-2.9)	32.2 (30.1-34.5)	48.2 (45.9-50.6)
55-64 years	12.7 (11.4-14.2)	1.7 (1.2-2.3)	38.3 (36.2-40.4)	47.3 (45.2-49.5)
65-74 years	8.9 (7.7-10.3)	1.2 (0.9-1.8)	40.9 (38.7-43.1)	49.0 (46.8-51.2)
75+ years	2.6 (2.0-3.6)	*0.8 (0.4-1.4)	37.8 (35.1-40.5)	58.8 (56.0-61.6)
<b>Age category - male</b>				
18-24 years	12.7 (9.1-17.5)	10.3 (6.7-15.4)	*3.4 (1.9-6.3)	73.6 (67.3-79.0)
25-34 years	19.8 (16.1-24.1)	6.7 (4.3-10.3)	19.0 (15.2-23.4)	54.5 (49.0-59.9)
35-44 years	18.4 (15.7-21.5)	3.3 (2.2-4.8)	26.9 (23.8-30.2)	51.4 (47.7-55.1)
45-54 years	17.7 (15.5-20.3)	2.8 (1.9-4.1)	34.5 (31.4-37.8)	44.9 (41.6-48.4)
55-64 years	13.6 (11.7-15.7)	1.9 (1.2-3.0)	44.7 (41.7-47.8)	39.8 (36.9-42.9)
65-74 years	10.6 (8.8-12.7)	1.9 (1.2-2.9)	51.0 (47.9-54.2)	36.5 (33.5-39.6)
75+ years	2.8 (1.9-4.0)	**	54.0 (50.0-57.9)	42.7 (38.8-46.7)
<b>Age category - female</b>				
18-24 years	17.3 (12.2-24.1)	**	*6.2 (3.4-11.0)	73.2 (65.5-79.6)
25-34 years	12.8 (10.1-16.1)	*1.7 (0.8-3.3)	24.4 (20.7-28.6)	61.1 (56.5-65.5)
35-44 years	16.6 (14.1-19.4)	2.1 (1.3-3.2)	28.5 (25.4-31.7)	52.9 (49.4-56.3)
45-54 years	17.1 (14.8-19.7)	1.5 (0.9-2.4)	29.9 (27.0-33.1)	51.5 (48.2-54.8)
55-64 years	11.9 (10.2-14.0)	1.5 (0.9-2.3)	31.8 (29.0-34.7)	54.8 (51.7-57.8)
65-74 years	7.2 (5.6-9.0)	*0.6 (0.3-1.3)	30.7 (27.9-33.6)	61.5 (58.4-64.5)
75+ years	2.5 (1.6-3.9)	*0.9 (0.4-2.0)	25.6 (22.3-29.2)	70.9 (67.2-74.3)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>				
Disadvantaged	18.1 (16.4-19.9)	2.3 (1.5-3.4)	29.9 (28.0-31.8)	49.7 (47.5-51.9)
Quintile 2	17.2 (15.3-19.3)	1.9 (1.4-2.6)	29.6 (27.5-31.8)	51.2 (48.7-53.8)
Quintile 3	14.1 (12.3-16.0)	3.1 (2.2-4.4)	30.2 (28.0-32.5)	52.6 (50.0-55.2)
Quintile 4	13.4 (11.6-15.5)	2.4 (1.6-3.7)	26.5 (24.1-28.9)	57.7 (54.8-60.6)
Advantaged	9.5 (7.9-11.4)	4.6 (3.3-6.4)	25.8 (23.5-28.2)	60.1 (57.2-62.9)
<b>Remoteness (persons 18+ years)</b>				
Major cities	13.2 (12.0-14.4)	3.5 (2.8-4.4)	27.3 (25.9-28.7)	56.0 (54.3-57.7)
Inner regional	15.2 (13.7-16.9)	2.0 (1.4-2.9)	30.2 (28.2-32.3)	52.6 (50.3-54.8)
Outer regional	16.4 (14.6-18.3)	1.7 (1.3-2.4)	28.7 (26.7-30.9)	53.2 (50.7-55.7)
Remote	17.3 (15.2-19.6)	2.3 (1.6-3.3)	30.9 (28.0-34.0)	49.5 (46.4-52.7)
Very remote	17.8 (15.5-20.4)	3.7 (2.7-5.1)	30.4 (27.6-33.4)	48.0 (44.8-51.3)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use. Included in totals where applicable.

**Table 6: Alcohol consumption, 2009 Australian alcohol consumption guidelines<sup>10</sup>, Queensland, 2012**

	Lifetime risk			Single occasion risk		
	Abstainers	Low risk	Risky	Low risk	At least yearly but not weekly	At least weekly
	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
<b>Persons (18+ years)</b>	18.8 (17.9-19.7)	60.1 (58.9-61.3)	21.1 (20.1-22.1)	30.4 (29.3-31.4)	35.5 (34.3-36.8)	15.3 (14.4-16.2)
<b>Sex (18+ years)</b>						
Males	14.5 (13.3-15.8)	53.5 (51.7-55.2)	32.0 (30.4-33.7)	21.7 (20.4-23.0)	40.2 (38.5-42.0)	23.6 (22.1-25.1)
Females	22.9 (21.7-24.3)	66.6 (65.0-68.1)	10.5 (9.4-11.7)	38.8 (37.3-40.4)	31.0 (29.4-32.7)	7.2 (6.3-8.4)
<b>Age category - persons</b>						
18-24 years	13.8 (10.4-18.0)	58.3 (53.0-63.4)	27.9 (23.5-32.8)	13.8 (10.3-18.2)	47.0 (41.8-52.3)	25.5 (21.2-30.3)
25-34 years	16.1 (13.6-18.9)	61.4 (57.8-64.9)	22.5 (19.6-25.7)	19.5 (16.8-22.4)	48.0 (44.4-51.6)	16.5 (13.9-19.3)
35-44 years	13.7 (12.0-15.6)	63.9 (61.4-66.3)	22.4 (20.4-24.6)	26.3 (24.2-28.6)	43.4 (41.0-45.9)	16.6 (14.8-18.5)
45-54 years	15.2 (13.6-17.0)	61.6 (59.2-63.8)	23.3 (21.3-25.3)	32.4 (30.2-34.7)	35.6 (33.4-37.9)	16.8 (15.1-18.7)
55-64 years	19.7 (18.0-21.5)	60.5 (58.3-62.5)	19.8 (18.2-21.6)	40.4 (38.3-42.5)	27.3 (25.4-29.3)	12.6 (11.3-14.0)
65-74 years	28.5 (26.5-30.5)	56.1 (53.9-58.3)	15.4 (13.9-17.1)	47.9 (45.7-50.1)	15.3 (13.8-17.0)	8.4 (7.3-9.6)
75+ years	41.5 (38.7-44.3)	51.0 (48.2-53.9)	7.5 (6.2-9.0)	46.8 (43.9-49.6)	8.5 (7.1-10.2)	3.2 (2.5-4.2)
<b>Age category - male</b>						
18-24 years	15.2 (10.4-21.5)	46.6 (39.7-53.7)	38.2 (31.7-45.2)	8.3 (5.1-13.1)	44.6 (37.8-51.6)	32.0 (25.8-38.9)
25-34 years	12.4 (9.0-16.9)	53.2 (47.7-58.7)	34.3 (29.4-39.6)	10.8 (7.7-15.0)	52.3 (46.7-57.8)	24.5 (20.2-29.3)
35-44 years	9.5 (7.5-12.0)	55.7 (52.0-59.4)	34.8 (31.4-38.4)	18.6 (15.9-21.6)	45.1 (41.4-48.7)	26.9 (23.8-30.3)
45-54 years	11.9 (9.8-14.3)	53.8 (50.4-57.1)	34.3 (31.2-37.6)	20.6 (18.0-23.5)	40.5 (37.3-43.9)	27.0 (24.1-30.1)
55-64 years	15.8 (13.8-18.1)	54.3 (51.2-57.3)	29.9 (27.2-32.8)	28.2 (25.5-31.0)	35.5 (32.6-38.6)	20.5 (18.2-23.0)
65-74 years	19.8 (17.5-22.3)	54.9 (51.8-58.0)	25.3 (22.7-28.1)	41.5 (38.4-44.6)	24.1 (21.4-26.9)	14.7 (12.7-16.9)
75+ years	30.9 (27.3-34.6)	55.1 (51.2-59.1)	14.0 (11.6-16.8)	45.3 (41.3-49.3)	17.4 (14.5-20.8)	6.4 (4.9-8.4)
<b>Age category - female</b>						
18-24 years	12.4 (8.0-18.6)	69.7 (62.0-76.5)	17.9 (12.6-24.8)	19.2 (13.4-26.6)	49.3 (41.5-57.2)	19.1 (13.6-26.2)
25-34 years	19.7 (16.3-23.5)	69.7 (65.3-73.8)	10.6 (8.0-14.0)	28.2 (24.2-32.5)	43.7 (39.1-48.4)	8.4 (6.1-11.6)
35-44 years	17.8 (15.2-20.7)	71.9 (68.8-74.9)	10.3 (8.5-12.4)	33.9 (30.8-37.3)	41.8 (38.5-45.3)	6.4 (5.0-8.3)
45-54 years	18.4 (16.0-21.1)	69.2 (66.1-72.2)	12.4 (10.4-14.7)	44.1 (40.8-47.4)	30.8 (27.8-33.9)	6.8 (5.3-8.6)
55-64 years	23.5 (21.0-26.2)	66.6 (63.7-69.4)	9.9 (8.2-11.8)	52.6 (49.5-55.6)	19.2 (16.9-21.7)	4.7 (3.6-6.1)
65-74 years	37.2 (34.2-40.3)	57.3 (54.1-60.3)	5.6 (4.2-7.3)	54.3 (51.2-57.4)	6.5 (5.2-8.2)	2.0 (1.3-3.1)
75+ years	49.4 (45.5-53.4)	47.9 (44.0-51.9)	*2.6 (1.5-4.5)	47.9 (43.9-51.9)	*1.8 (1.1-3.2)	*0.9 (0.4-1.8)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>						
Disadvantaged	24.3 (22.5-26.2)	53.7 (51.5-55.9)	21.9 (20.1-23.9)	28.6 (26.8-30.4)	31.4 (29.3-33.6)	15.7 (14.1-17.6)
Quintile 2	20.5 (18.6-22.6)	59.1 (56.6-61.5)	20.4 (18.5-22.5)	30.5 (28.3-32.7)	33.5 (31.1-36.1)	15.5 (13.7-17.4)
Quintile 3	16.5 (14.8-18.4)	60.1 (57.5-62.5)	23.4 (21.3-25.7)	29.1 (27.0-31.3)	37.3 (34.8-40.0)	17.0 (15.1-19.2)
Quintile 4	17.2 (15.1-19.5)	62.7 (59.7-65.5)	20.1 (17.8-22.8)	32.0 (29.4-34.8)	36.0 (33.1-39.0)	14.7 (12.6-17.2)
Advantaged	16.3 (14.2-18.6)	64.1 (61.1-66.9)	19.6 (17.3-22.2)	31.5 (29.0-34.1)	38.6 (35.7-41.7)	13.6 (11.5-16.0)
<b>Remoteness (persons 18+ years)</b>						
Major cities	18.6 (17.3-20.0)	61.8 (60.0-63.5)	19.6 (18.2-21.1)	31.1 (29.6-32.7)	36.0 (34.3-37.8)	14.3 (13.0-15.7)
Inner regional	18.6 (17.0-20.2)	60.7 (58.5-62.9)	20.7 (18.9-22.7)	32.5 (30.5-34.5)	34.7 (32.4-37.1)	14.3 (12.6-16.0)
Outer regional	19.4 (17.6-21.3)	55.3 (52.7-57.8)	25.4 (23.1-27.8)	27.3 (25.2-29.5)	33.8 (31.4-36.3)	19.5 (17.4-21.9)
Remote	19.1 (16.8-21.8)	54.8 (51.6-58.0)	26.1 (23.3-29.0)	22.3 (20.2-24.6)	41.1 (37.9-44.4)	17.4 (15.3-19.8)
Very remote	22.0 (19.5-24.7)	51.5 (48.3-54.8)	26.5 (23.7-29.5)	23.0 (20.5-25.7)	37.3 (34.1-40.6)	17.8 (15.5-20.3)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

- Prevalence by 2001 Australian alcohol consumption guidelines is presented in Table A 1

**Table 7: Sunburn and sun protection behaviours, Queensland, 2012**

	Sunburnt previous year % (95% CI)	Sunburnt previous weekend % (95% CI)	Summer sun safety behaviours <sup>a</sup>		Winter sun safety behaviours <sup>a</sup>	
			3 or more % (95% CI)	All 5 % (95% CI)	3 or more % (95% CI)	All 5 % (95% CI)
<b>Persons (18+ years)</b>						
	51.6 (50.4-52.8)	9.2 (8.5-10.0)	52.6 (51.4-53.8)	5.9 (5.4-6.4)	26.4 (25.4-27.4)	2.5 (2.2-2.9)
<b>Sex (18+ years)</b>						
Male	57.2 (55.4-58.9)	11.9 (10.8-13.1)	53.4 (51.6-55.1)	6.5 (5.7-7.3)	28.9 (27.4-30.4)	2.9 (2.4-3.4)
Female	46.1 (44.5-47.8)	6.6 (5.7-7.6)	51.9 (50.2-53.6)	5.3 (4.7-6.0)	24.0 (22.7-25.4)	2.2 (1.8-2.7)
<b>Age category - persons</b>						
16-17 years	75.6 (68.5-81.5)	17.9 (13.0-24.0)	43.7 (36.6-51.1)	*4.4 (2.2-8.6)	20.0 (14.3-27.2)	**
18-24 years	72.7 (67.5-77.3)	16.0 (12.8-19.9)	36.5 (31.7-41.6)	*1.6 (0.9-2.8)	14.4 (11.3-18.2)	*0.6 (0.2-1.3)
25-34 years	67.9 (64.3-71.3)	13.8 (11.6-16.4)	55.4 (51.8-59.0)	6.7 (5.3-8.6)	31.4 (28.2-34.8)	3.6 (2.6-5.0)
35-44 years	64.8 (62.4-67.1)	10.9 (9.4-12.6)	59.3 (56.7-61.7)	7.5 (6.3-8.9)	29.8 (27.6-32.1)	3.1 (2.4-4.0)
45-54 years	52.7 (50.3-55.1)	8.1 (6.9-9.6)	57.0 (54.7-59.4)	7.1 (6.0-8.3)	30.3 (28.2-32.5)	3.2 (2.6-4.1)
55-64 years	36.5 (34.5-38.6)	5.2 (4.3-6.3)	54.1 (51.9-56.2)	6.5 (5.5-7.7)	25.9 (24.1-27.9)	2.5 (1.9-3.2)
65-74 years	20.5 (18.8-22.3)	2.5 (1.8-3.3)	48.6 (46.4-50.8)	4.8 (3.9-5.9)	23.6 (21.7-25.5)	1.4 (1.0-1.9)
75+ years	10.7 (9.2-12.4)	1.3 (0.8-2.0)	46.9 (44.0-49.7)	3.9 (2.9-5.3)	19.9 (17.8-22.3)	1.5 (0.9-2.4)
<b>Age category - male</b>						
16-17 years	79.7 (71.9-85.7)	22.4 (15.9-30.7)	37.9 (29.4-47.1)	**	19.6 (12.8-28.7)	**
18-24 years	73.3 (66.1-79.4)	18.0 (13.6-23.4)	38.3 (31.8-45.2)	*1.8 (0.9-3.6)	15.9 (11.7-21.1)	**
25-34 years	72.5 (66.6-77.6)	16.9 (13.4-21.0)	58.5 (52.9-63.8)	8.3 (6.0-11.3)	35.4 (30.5-40.7)	4.1 (2.7-6.3)
35-44 years	70.5 (67.0-73.7)	13.7 (11.4-16.4)	61.6 (57.9-65.2)	8.7 (6.9-11.0)	33.6 (30.3-37.1)	3.7 (2.7-5.2)
45-54 years	60.0 (56.6-63.2)	12.0 (9.9-14.6)	59.9 (56.5-63.1)	8.7 (7.1-10.6)	34.6 (31.5-37.9)	4.2 (3.2-5.5)
55-64 years	43.1 (40.1-46.1)	8.2 (6.6-10.1)	53.5 (50.4-56.5)	6.2 (4.8-8.0)	28.0 (25.3-30.8)	2.3 (1.6-3.4)
65-74 years	25.1 (22.6-27.9)	3.1 (2.2-4.5)	42.0 (39.0-45.2)	3.2 (2.3-4.5)	20.9 (18.5-23.6)	*1.2 (0.7-1.9)
75+ years	16.9 (14.3-19.9)	*2.0 (1.1-3.5)	41.8 (37.8-45.8)	2.6 (1.6-4.2)	18.6 (15.6-21.9)	*1.0 (0.5-2.2)
<b>Age category - female</b>						
16-17 years	70.6 (58.0-80.7)	*12.4 (6.5-22.6)	50.8 (39.1-62.5)	**	*20.5 (11.9-32.8)	**
18-24 years	72.1 (64.3-78.7)	14.1 (9.7-20.0)	34.7 (27.9-42.3)	*1.4 (0.6-3.4)	13.0 (8.8-18.9)	**
25-34 years	63.3 (58.6-67.8)	10.7 (8.1-14.0)	52.3 (47.6-57.0)	5.2 (3.6-7.5)	27.3 (23.4-31.7)	*3.1 (1.8-5.2)
35-44 years	59.2 (55.8-62.6)	8.2 (6.4-10.3)	57.0 (53.5-60.4)	6.4 (5.0-8.1)	26.0 (23.2-29.1)	2.5 (1.8-3.7)
45-54 years	45.6 (42.3-48.8)	4.3 (3.2-5.8)	54.2 (50.9-57.5)	5.5 (4.3-7.1)	26.1 (23.4-29.0)	2.3 (1.6-3.4)
55-64 years	30.0 (27.3-32.9)	2.3 (1.5-3.3)	54.7 (51.6-57.7)	6.7 (5.3-8.5)	23.9 (21.4-26.6)	2.6 (1.8-3.8)
65-74 years	15.8 (13.6-18.3)	*1.8 (1.1-3.0)	55.2 (52.1-58.3)	6.4 (4.9-8.2)	26.3 (23.6-29.2)	*1.6 (1.0-2.6)
75+ years	6.1 (4.4-8.2)	**	50.7 (46.8-54.7)	4.8 (3.3-7.1)	21.0 (18.0-24.3)	*1.8 (1.0-3.3)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>						
Disadvantaged	49.3 (47.0-51.5)	9.5 (8.0-11.1)	53.7 (51.5-55.9)	6.5 (5.6-7.5)	28.0 (26.1-29.9)	2.9 (2.3-3.6)
Quintile 2	51.8 (49.3-54.4)	9.8 (8.3-11.6)	54.5 (51.9-57.0)	6.3 (5.3-7.6)	28.5 (26.3-30.7)	2.9 (2.2-3.8)
Quintile 3	53.4 (50.8-55.9)	9.8 (8.3-11.5)	53.4 (50.8-56.0)	5.8 (4.8-7.0)	28.8 (26.5-31.3)	2.5 (1.9-3.2)
Quintile 4	53.2 (50.2-56.1)	8.0 (6.5-9.7)	52.9 (49.9-55.9)	6.1 (4.9-7.5)	24.3 (21.9-26.9)	2.7 (2.0-3.6)
Advantaged	50.0 (47.0-53.0)	9.0 (7.3-11.1)	49.0 (46.0-51.9)	4.8 (3.9-6.0)	22.9 (20.7-25.3)	1.8 (1.2-2.7)
<b>Remoteness (persons 18+ years)</b>						
Major cities	50.8 (49.1-52.6)	8.5 (7.5-9.6)	50.3 (48.5-52.1)	5.0 (4.3-5.7)	22.6 (21.2-24.1)	2.0 (1.6-2.5)
Inner regional	51.7 (49.4-54.0)	10.1 (8.6-11.9)	53.4 (51.1-55.7)	6.3 (5.3-7.4)	27.9 (25.9-30.0)	2.7 (2.2-3.4)
Outer regional	53.4 (50.9-55.9)	10.6 (9.0-12.3)	57.2 (54.7-59.6)	7.8 (6.6-9.2)	34.7 (32.4-37.1)	3.8 (3.0-4.8)
Remote	53.2 (50.0-56.3)	8.5 (6.8-10.5)	62.5 (59.5-65.5)	9.3 (7.6-11.4)	37.8 (34.6-41.0)	4.4 (3.1-6.3)
Very remote	54.0 (50.8-57.2)	9.9 (7.9-12.3)	61.3 (58.1-64.5)	8.3 (6.9-10.1)	39.1 (36.0-42.3)	4.6 (3.6-5.8)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use.

Included in totals where applicable.

<sup>a</sup> Best practice sun safety behaviours (use of sunglasses, hats, sun-protective clothing, sunscreen and shade).<sup>11</sup>

**Table 8: Diabetes prevalence, high blood pressure and high cholesterol, Queensland 2012**

	Diabetes % (95% CI)	High blood pressure % (95% CI)	High cholesterol % (95% CI)
<b>Persons (18+ years)</b>	8.6 (8.1-9.2)	29.0 (28.0-30.0)	29.0 (27.9-30.0)
<b>Sex (18+ years)</b>			
Male	9.7 (8.8-10.5)	27.5 (26.1-28.9)	30.1 (28.5-31.6)
Female	7.6 (6.9-8.3)	30.5 (29.1-31.9)	27.9 (26.5-29.3)
<b>Age category - persons</b>			
18-24 years	*1.0 (0.4-2.3)	6.8 (4.3-10.4)	*7.5 (4.4-12.6)
25-34 years	3.5 (2.4-5.1)	15.8 (13.5-18.5)	12.7 (9.9-16.1)
35-44 years	5.3 (4.3-6.6)	18.8 (17.0-20.8)	21.2 (18.9-23.6)
45-54 years	8.2 (7.0-9.6)	27.1 (25.1-29.3)	28.7 (26.6-31.0)
55-64 years	14.2 (12.8-15.8)	44.6 (42.4-46.8)	40.3 (38.2-42.5)
65-74 years	18.9 (17.2-20.7)	55.0 (52.8-57.2)	44.9 (42.6-47.1)
75+ years	18.0 (15.9-20.3)	60.3 (57.5-63.1)	41.7 (38.8-44.6)
<b>Age category - male</b>			
18-24 years	**	*6.2 (3.1-12.0)	**
25-34 years	*3.1 (1.6-5.9)	13.2 (10.0-17.2)	13.1 (9.1-18.5)
35-44 years	5.1 (3.7-7.1)	18.6 (16.0-21.5)	24.5 (21.1-28.2)
45-54 years	10.8 (8.9-13.1)	27.1 (24.2-30.1)	33.1 (29.9-36.4)
55-64 years	17.0 (14.8-19.5)	45.5 (42.4-48.5)	42.0 (38.9-45.1)
65-74 years	22.4 (19.9-25.3)	51.8 (48.6-54.9)	44.0 (40.9-47.2)
75+ years	18.4 (15.6-21.6)	52.9 (48.9-56.9)	39.9 (35.9-44.0)
<b>Age category - female</b>			
18-24 years	**	*7.3 (4.1-12.7)	*12.7 (7.0-22.0)
25-34 years	4.0 (2.5-6.1)	18.5 (15.3-22.2)	12.2 (8.8-16.7)
35-44 years	5.6 (4.1-7.4)	19.0 (16.5-21.9)	17.6 (14.8-20.8)
45-54 years	5.7 (4.4-7.4)	27.2 (24.4-30.2)	24.3 (21.5-27.4)
55-64 years	11.5 (9.7-13.5)	43.7 (40.7-46.8)	38.7 (35.7-41.8)
65-74 years	15.3 (13.2-17.6)	58.3 (55.1-61.3)	45.7 (42.6-48.9)
75+ years	17.7 (14.8-21.0)	65.9 (62.0-69.5)	43.0 (39.0-47.0)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>			
Disadvantaged	11.3 (10.1-12.6)	34.5 (32.6-36.5)	32.0 (30.0-34.1)
Quintile 2	10.7 (9.3-12.3)	31.0 (28.9-33.2)	29.5 (27.3-31.8)
Quintile 3	8.1 (7.0-9.4)	30.0 (27.8-32.2)	29.6 (27.3-31.9)
Quintile 4	7.5 (6.3-8.8)	26.5 (24.2-29.0)	28.0 (25.5-30.7)
Advantaged	6.0 (5.0-7.1)	24.0 (21.9-26.3)	26.1 (23.8-28.6)
<b>Remoteness (persons 18+ years)</b>			
Major cities	7.9 (7.2-8.7)	27.4 (26.0-28.8)	28.6 (27.1-30.2)
Inner regional	9.3 (8.3-10.5)	30.8 (28.9-32.8)	30.1 (28.1-32.2)
Outer regional	9.9 (8.6-11.3)	32.0 (29.8-34.3)	28.8 (26.6-31.1)
Remote	8.4 (7.1-9.9)	30.4 (27.7-33.2)	30.9 (27.6-34.3)
Very remote	10.1 (8.5-12.0)	32.4 (29.6-35.4)	25.6 (22.8-28.6)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use. Included in totals where applicable.

**Table 9: Self rated health, quality of life and satisfaction with health, Queensland, 2012**

	Self rated health <sup>a</sup> % (95% CI)	Quality of life <sup>a</sup> % (95% CI)	Satisfaction with health <sup>a</sup> % (95% CI)
<b>Persons (18+ years)</b>	83.0 (82.1-83.8)	90.9 (90.2-91.5)	79.8 (78.8-80.7)
<b>Sex (18+ years)</b>			
Male	82.5 (81.2-83.7)	90.4 (89.5-91.3)	80.3 (78.9-81.7)
Female	83.5 (82.3-84.6)	91.3 (90.4-92.1)	79.2 (77.8-80.6)
<b>Age category - persons</b>			
16-17 years	90.8 (85.7-94.2)	94.8 (89.5-97.5)	86.2 (79.8-90.8)
18-24 years	90.6 (87.0-93.2)	96.5 (94.3-97.9)	83.9 (79.5-87.5)
25-34 years	87.3 (84.7-89.5)	92.9 (90.9-94.5)	80.8 (77.8-83.5)
35-44 years	85.4 (83.5-87.2)	92.4 (90.9-93.6)	78.9 (76.7-80.9)
45-54 years	82.0 (80.1-83.7)	90.3 (88.9-91.6)	77.7 (75.7-79.6)
55-64 years	79.8 (78.0-81.4)	89.0 (87.7-90.3)	76.7 (74.8-78.4)
65-74 years	76.6 (74.7-78.4)	86.9 (85.3-88.3)	80.3 (78.5-82.0)
75+ years	70.9 (68.3-73.5)	82.7 (80.3-84.8)	83.2 (81.0-85.3)
<b>Age category - male</b>			
16-17 years	93.4 (88.3-96.4)	95.9 (90.3-98.3)	88.6 (81.4-93.3)
18-24 years	92.0 (87.6-95.0)	95.5 (92.0-97.5)	86.8 (81.5-90.8)
25-34 years	85.6 (81.5-88.9)	92.2 (89.0-94.5)	81.8 (77.1-85.7)
35-44 years	84.0 (81.1-86.6)	90.8 (88.4-92.8)	77.9 (74.7-80.9)
45-54 years	80.7 (77.9-83.1)	90.1 (88.0-91.9)	76.5 (73.6-79.2)
55-64 years	79.8 (77.3-82.1)	89.2 (87.3-90.9)	78.2 (75.6-80.7)
65-74 years	76.0 (73.3-78.6)	87.7 (85.6-89.6)	80.4 (77.8-82.8)
75+ years	71.9 (68.1-75.4)	81.8 (78.3-84.8)	86.4 (83.4-88.9)
<b>Age category - female</b>			
16-17 years	87.6 (77.4-93.6)	93.5 (81.9-97.9)	83.2 (71.4-90.8)
18-24 years	89.1 (83.1-93.2)	97.4 (93.9-99.0)	81.1 (73.8-86.7)
25-34 years	89.0 (85.7-91.6)	93.6 (91.0-95.5)	79.9 (75.9-83.4)
35-44 years	86.7 (84.1-89.0)	93.9 (92.1-95.3)	79.8 (76.8-82.4)
45-54 years	83.2 (80.7-85.5)	90.5 (88.4-92.3)	78.8 (76.0-81.3)
55-64 years	79.8 (77.2-82.1)	88.9 (86.8-90.6)	75.1 (72.4-77.6)
65-74 years	77.1 (74.4-79.7)	86.1 (83.7-88.1)	80.2 (77.6-82.6)
75+ years	70.3 (66.5-73.8)	83.3 (80.1-86.1)	80.9 (77.5-83.8)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>			
Disadvantaged	78.8 (77.0-80.5)	87.1 (85.6-88.5)	77.4 (75.6-79.2)
Quintile 2	80.8 (78.9-82.6)	89.5 (87.9-90.9)	78.6 (76.5-80.6)
Quintile 3	83.6 (81.8-85.2)	91.8 (90.5-92.9)	79.8 (77.7-81.7)
Quintile 4	83.3 (81.0-85.5)	91.7 (90.2-93.1)	79.2 (76.5-81.7)
Advantaged	87.7 (85.8-89.3)	93.6 (92.2-94.7)	83.3 (81.0-85.4)
<b>Remoteness (persons 18+ years)</b>			
Major cities	84.5 (83.2-85.6)	91.3 (90.4-92.1)	80.0 (78.5-81.4)
Inner regional	80.4 (78.7-82.1)	90.4 (89.1-91.5)	79.2 (77.4-80.9)
Outer Regional	80.9 (79.0-82.7)	89.7 (88.2-91.1)	79.1 (77.0-81.0)
Remote	82.3 (79.9-84.6)	91.5 (89.7-93.0)	81.7 (79.3-83.9)
Very Remote	84.0 (81.6-86.2)	90.9 (88.8-92.6)	82.1 (79.6-84.3)

<sup>a</sup> Proportion of respondents reporting: Health status excellent, very good or good; Quality of life very good or good; Satisfaction with health very satisfied or satisfied.

**Table 10: Self-reported cancer, Queensland 2012**

	Cancer (any) <sup>a</sup> % (95% CI)	Skin cancer % (95% CI)	Colon cancer % (95% CI)	Breast cancer % (95% CI)	Prostate cancer % (95% CI)	Cervical cancer % (95% CI)
<b>Persons (18+ years)</b>	16.2 (15.5-16.9)	10.2 (9.6-10.8)	0.8 (0.6-0.9)	2.8 (2.4-3.2)	2.1 (1.8-2.4)	2.0 (1.6-2.4)
<b>Sex (18+ years)</b>						
Males	16.4 (15.4-17.4)	11.6 (10.7-12.5)	0.9 (0.7-1.1)	-	2.1 (1.8-2.4)	-
Females	16.0 (15.0-17.0)	8.9 (8.1-9.7)	0.7 (0.5-0.9)	2.8 (2.4-3.2)	-	2.0 (1.6-2.4)
<b>Age category</b>						
18-34 years	2.9 (2.1-4.0)	2.3 (1.6-3.4)	**	**	**	*0.4 (0.2-0.9)
35-54 years	14.1 (13.0-15.3)	9.2 (8.3-10.2)	*0.3 (0.1-0.6)	1.4 (0.9-2.1)	**	3.8 (2.9-4.9)
55+ years	31.1 (29.9-32.4)	18.8 (17.8-20.0)	2.0 (1.7-2.4)	6.9 (5.9-7.9)	5.9 (5.1-6.8)	1.4 (1.0-1.9)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>						
Disadvantaged	17.6 (16.2-19.0)	10.6 (9.5-11.8)	0.9 (0.6-1.3)	3.2 (2.5-4.2)	2.9 (2.2-3.8)	2.7 (1.9-3.8)
Quintile 2	16.6 (15.1-18.2)	10.7 (9.5-12.0)	0.9 (0.6-1.2)	2.3 (1.7-3.1)	1.7 (1.2-2.5)	2.6 (1.8-3.8)
Quintile 3	16.2 (14.7-17.9)	10.1 (8.9-11.4)	0.7 (0.5-1.1)	2.7 (2.0-3.7)	2.0 (1.5-2.7)	1.7 (1.0-2.7)
Quintile 4	16.0 (14.3-17.8)	9.6 (8.3-11.1)	0.8 (0.5-1.3)	2.9 (2.1-4.1)	1.9 (1.3-2.9)	*2.0 (1.2-3.3)
Advantaged	14.8 (13.2-16.6)	10.1 (8.7-11.7)	0.5 (0.3-0.8)	2.7 (1.9-3.8)	1.8 (1.3-2.5)	*1.1 (0.6-2.0)
<b>Remoteness (persons 18+ years)</b>						
Major cities	15.3 (14.3-16.4)	9.7 (8.9-10.6)	0.8 (0.6-1.0)	2.8 (2.3-3.4)	1.6 (1.3-2.1)	1.8 (1.4-2.5)
Inner /outer regional	17.9 (16.8-19.0)	11.2 (10.3-12.1)	0.8 (0.6-1.0)	2.7 (2.2-3.4)	2.8 (2.3-3.4)	2.2 (1.7-2.9)
Remote/ very remote	13.7 (12.4-15.0)	8.5 (7.5-9.6)	0.3 (0.2-0.5)	2.6 (1.8-3.7)	1.7 (1.2-2.4)	*1.6 (1.0-2.7)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use.

Included in totals where applicable.

<sup>a</sup> Cancer(any) includes non-melanoma skin cancer.

**Table 11: Types of skin cancer, Queensland 2012**

	Melanoma % (95% CI)	Basal cell carcinoma % (95% CI)	Squamous cell carcinoma % (95% CI)	Other forms of skin cancer % (95% CI)
<b>Persons (18+ years)</b>	2.9 (2.6-3.3)	4.7 (4.3-5.1)	1.5 (1.3-1.8)	0.6 (0.5-0.8)
<b>Sex (18+ years)</b>				
Males	3.3 (2.8-3.9)	4.9 (4.4-5.5)	1.7 (1.4-2.1)	0.7 (0.5-0.9)
Females	2.5 (2.2-3.0)	4.4 (3.9-4.9)	1.4 (1.1-1.7)	0.5 (0.3-0.8)
<b>Age category</b>				
18-34 years	*1.0 (0.6-1.7)	*0.6 (0.3-1.1)	**	**
35-54 years	2.6 (2.1-3.1)	4.4 (3.8-5.2)	1.3 (1.0-1.8)	*0.3 (0.2-0.6)
55+ years	5.1 (4.6-5.8)	8.8 (8.0-9.6)	3.2 (2.7-3.8)	1.2 (0.9-1.6)
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>				
Disadvantaged	3.0 (2.4-3.8)	4.0 (3.4-4.6)	1.6 (1.2-2.1)	0.8 (0.5-1.2)
Quintile 2	3.2 (2.6-4.0)	4.6 (3.8-5.5)	1.5 (1.0-2.1)	0.8 (0.5-1.3)
Quintile 3	2.8 (2.2-3.5)	4.2 (3.5-5.1)	1.8 (1.3-2.5)	*0.5 (0.3-0.9)
Quintile 4	2.6 (2.0-3.3)	4.5 (3.7-5.6)	1.5 (1.1-2.1)	**
Advantaged	3.0 (2.3-4.0)	5.8 (4.9-6.9)	1.3 (0.9-1.8)	*0.4 (0.2-0.8)
<b>Remoteness (persons 18+ years)</b>				
Major cities	3.0 (2.5-3.5)	4.6 (4.0-5.1)	1.4 (1.2-1.7)	*0.4 (0.3-0.7)
Inner /outer regional	2.9 (2.5-3.4)	4.9 (4.4-5.6)	1.8 (1.5-2.2)	0.9 (0.6-1.2)
Remote/ very remote	2.1 (1.6-2.8)	3.7 (3.0-4.5)	0.8 (0.5-1.2)	0.6 (0.4-0.8)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use.

Included in totals where applicable.

**Table 12: Time since told had any cancer, Queensland 2012**

	<12 months % (95% CI)	1-<2 years % (95% CI)	2-<5 years % (95% CI)	5-<10 years % (95% CI)	10+ years % (95% CI)
<b>Skin cancer (18+ years)</b>					
Melanoma	14.1 (10.2-19.2)	9.0 (6.6-12.2)	27.5 (22.3-33.3)	17.9 (14.4-22.2)	31.5 (26.7-36.7)
Basal cell carcinoma	21.4 (17.9-25.4)	10.1 (7.7-13.1)	18.6 (15.6-21.9)	15.7 (12.9-18.8)	34.3 (30.5-38.3)
Squamous cell carcinoma	18.4 (13.5-24.6)	8.7 (5.6-13.3)	18.5 (13.8-24.4)	23.9 (17.9-31.1)	30.5 (24.3-37.5)
Other skin cancer	*27.2 (15.5-43.1)	**	*19.2 (10.6-32.2)	*14.0 (7.7-23.9)	34.3 (23.5-47.0)
<b>Other cancers (18+ years)</b>					
Colon cancer	*10.3 (5.7-18.0)	13.9 (8.6-21.8)	17.4 (10.9-26.4)	27.9 (20.3-37.2)	30.5 (22.9-39.3)
Breast cancer	6.5 (4.1-10.2)	6.9 (4.4-10.8)	17.9 (12.5-24.9)	28.9 (22.9-35.7)	39.8 (33.1-46.9)
Prostate cancer	13.7 (9.3-19.6)	12.1 (8.0-17.9)	32.1 (25.4-39.7)	27.9 (21.7-35.0)	14.3 (10.0-19.9)
Cervical cancer	**	**	*5.8 (2.7-12.2)	16.9 (10.2-26.7)	72.7 (62.7-80.9)
Other types of cancer	10.2 (7.6-13.5)	8.9 (6.3-12.3)	20.1 (15.6-25.5)	21.5 (16.7-27.2)	39.3 (33.5-45.5)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use. Included in totals where applicable.



## Additional methodological information specific to this report

This section provides additional information for a subset of survey questions to help interpret the findings presented in this report. It contains methodological details such as descriptions of survey questions, how questions are analysed to report on broad health indicators, or whether questions or analyses have changed since earlier surveys or reports.

### Alcohol consumption

Prevalence of alcohol consumption at levels associated with harm in the long or short term (2001 guidelines) are **not comparable** to prevalence of alcohol consumption at levels associated with harm over one's lifetime or on a single occasion (2009 guidelines).

*Indicators based upon the 2001 Australian Alcohol Guidelines: Health Risks and Benefits.*<sup>12</sup>

- Prevalence of adults consuming alcohol at levels placing them at risk/high risk of harm in the long term
- Prevalence of adults consuming alcohol at levels placing them at risk/high risk of harm in the short term weekly
- Prevalence of adults consuming alcohol at levels placing them at risk/high risk of harm in the short term monthly

*Indicators based upon the 2009 Australian Guidelines to Reduce Health Risks from Drinking Alcohol.*<sup>10</sup>

- Prevalence of adults consuming alcohol at levels placing them at risk of harm over their lifetime
- Prevalence of adults consuming alcohol at levels placing them at risk of harm on a single occasion at least yearly but not weekly
- Prevalence of adults consuming alcohol at levels placing them at risk of harm on a single occasion weekly

This report contains prevalence of alcohol consumption by 2001 guidelines and is comparable to data for 2001 guidelines included previous reports from this survey series. The methods used to collect volumetric alcohol consumption data is identical the National Drug Strategy Household Survey.<sup>13</sup>

In 2009, the National Health and Medical Research Council (NHMRC) issued new guidelines for reducing health risks associated with alcohol consumption (summarised in Table 13). In contrast to the 2001 guidelines, the 2009 guidelines used the same low risk volumes for males and females (effectively lowering the consumption guidelines for males) and did not differentiate between risky and high risk consumption (in recognition of the progressive increase in risk once low risk volumes are exceeded).

**Table 13: Comparison of the 2001 and 2009 Alcohol Guidelines**

		2001 NHMRC guidelines	2009 NHMRC guidelines
		<b>Long term</b>	<b>Over a lifetime</b>
Males	Low risk	≤ 4 drinks/day	≤ 2 drinks/day
	Risky	> 4 ≤ 6 drinks/day	> 2 drinks/day considered risky
	High risk	> 6 drinks/day	
Females	Low risk	≤ 2 drinks/day	≤ 2 drinks/day
	Risky	> 2 ≤ 4 drinks/day	> 2 drinks/day considered risky
	High risk	> 4 drinks/day	
		<b>Short term</b>	<b>On a single occasion</b>
Males	Low risk	≤ 6 drinks/episode	≤ 4 drinks/episode
	Risky	> 6 < 11 drinks/episode	> 4 drinks/day considered risky
	High risk	≥ 11 drinks/episode	
Females	Low risk	≤ 4 drinks/episode	≤ 4 drinks/episode
	Risky	> 4 < 7 drinks/episode	> 4 drinks/day considered risky
	High risk	> 7 drinks/episode	

2009 Guidelines don't distinguish between risky and high risk consumption; therefore, consuming greater than the low risk guidelines is considered risky

EPHU adapted statistical code<sup>14</sup> used by the Australian Institute of Health & Welfare (AIHW) to calculate the alcohol risk categories according to the 2009 NHMRC Australian guidelines. There were minor variations to methods used by AIHW in calculating the abstainer category, accounting for minor variation in this measure between Table 6 and Table A 1.

**Table A 1: Alcohol consumption, 2001 Australian alcohol consumption guidelines<sup>12</sup>, Queensland, 2012**

	Risk of harm in the long term			Risk of harm in the short term	
	Abstainers	Low risk	Risky/High risk	Risky/High risk at least monthly	Risky/High risk at least weekly
	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
<b>Persons (18+ years)</b>	18.8 (17.9-19.7)	70.0 (68.8-71.1)	11.3 (10.5-12.1)	13.9 (13.0-14.9)	8.2 (7.5-8.9)
<b>Sex (18+ years)</b>					
Males	14.5 (13.3-15.8)	72.9 (71.3-74.4)	12.6 (11.5-13.8)	17.0 (15.6-18.5)	10.9 (9.9-12.1)
Females	22.9 (21.6-24.3)	67.1 (65.6-68.7)	10.0 (8.9-11.1)	10.9 (9.7-12.2)	5.5 (4.7-6.4)
<b>Age category - persons</b>					
18-24 years	13.8 (10.4-18.0)	69.2 (64.1-73.9)	17.1 (13.5-21.3)	27.2 (22.7-32.2)	13.6 (10.6-17.4)
25-34 years	16.1 (13.6-18.9)	71.6 (68.2-74.8)	12.3 (10.1-15.0)	20.0 (17.2-23.1)	9.4 (7.4-11.8)
35-44 years	13.7 (12.0-15.5)	75.5 (73.3-77.6)	10.8 (9.4-12.5)	15.6 (13.9-17.5)	8.5 (7.2-10.1)
45-54 years	15.2 (13.5-16.9)	71.7 (69.5-73.7)	13.2 (11.7-14.8)	13.2 (11.7-14.9)	9.3 (8.0-10.7)
55-64 years	19.7 (18.1-21.5)	70.0 (68.0-71.9)	10.3 (9.1-11.6)	7.0 (6.0-8.2)	6.6 (5.7-7.7)
65-74 years	28.3 (26.4-30.3)	64.5 (62.4-66.6)	7.2 (6.1-8.4)	4.1 (3.2-5.1)	4.1 (3.3-5.0)
75+ years	41.4 (38.6-44.3)	55.8 (53.0-58.7)	2.8 (2.0-3.8)	1.3 (0.8-2.0)	1.4 (1.0-2.1)
<b>Age category - male</b>					
18-24 years	15.2 (10.4-21.5)	69.5 (62.6-75.6)	15.4 (11.3-20.6)	30.3 (24.1-37.3)	15.8 (11.6-21.1)
25-34 years	12.4 (9.0-16.9)	73.2 (67.8-77.9)	14.4 (10.9-18.8)	23.6 (19.4-28.5)	12.0 (8.8-16.0)
35-44 years	9.4 (7.4-11.9)	77.8 (74.6-80.8)	12.7 (10.5-15.4)	17.8 (15.2-20.8)	12.4 (10.1-15.1)
45-54 years	11.9 (9.8-14.3)	73.7 (70.7-76.6)	14.4 (12.3-16.8)	17.2 (14.8-20.1)	12.3 (10.3-14.6)
55-64 years	15.9 (13.8-18.2)	72.5 (69.8-75.1)	11.6 (9.9-13.6)	9.4 (7.7-11.5)	8.8 (7.3-10.6)
65-74 years	19.6 (17.3-22.1)	70.7 (67.8-73.4)	9.7 (8.1-11.6)	6.6 (5.1-8.5)	6.4 (5.1-7.9)
75+ years	31.0 (27.5-34.8)	65.4 (61.5-69.0)	3.6 (2.6-5.0)	2.7 (1.7-4.4)	2.4 (1.6-3.7)
<b>Age category - female</b>					
18-24 years	12.4 (8.0-18.6)	68.9 (61.1-75.7)	18.7 (13.3-25.7)	24.2 (18.0-31.7)	11.5 (7.4-17.3)
25-34 years	19.7 (16.4-23.6)	70.0 (65.6-74.1)	10.3 (7.7-13.6)	16.3 (12.9-20.4)	6.7 (4.6-9.7)
35-44 years	17.8 (15.3-20.7)	73.2 (70.1-76.1)	9.0 (7.3-11.0)	13.4 (11.2-15.9)	4.8 (3.6-6.4)
45-54 years	18.4 (16.0-21.1)	69.6 (66.5-72.6)	12.0 (10.0-14.3)	9.2 (7.5-11.3)	6.3 (4.9-8.0)
55-64 years	23.6 (21.1-26.3)	67.4 (64.5-70.2)	9.0 (7.5-10.9)	4.6 (3.5-6.0)	4.4 (3.3-5.7)
65-74 years	37.1 (34.1-40.2)	58.3 (55.2-61.4)	4.6 (3.4-6.2)	*1.5 (0.9-2.5)	1.7 (1.1-2.8)
75+ years	49.2 (45.2-53.2)	48.6 (44.6-52.6)	*2.1 (1.2-3.9)	**	**
<b>Socioeconomic advantage/disadvantage (persons 18+ years)</b>					
Disadvantaged	24.3 (22.5-26.2)	63.2 (61.0-65.3)	12.5 (10.9-14.2)	13.1 (11.4-14.9)	8.3 (7.1-9.8)
Quintile 2	20.6 (18.6-22.7)	67.0 (64.6-69.4)	12.4 (10.8-14.2)	12.3 (10.6-14.2)	9.3 (7.8-11.0)
Quintile 3	16.5 (14.8-18.3)	71.8 (69.5-74.1)	11.7 (10.1-13.6)	14.6 (12.7-16.7)	8.9 (7.5-10.6)
Quintile 4	17.2 (15.1-19.5)	72.3 (69.6-74.9)	10.5 (8.7-12.6)	13.5 (11.2-16.1)	7.9 (6.3-9.8)
Advantaged	16.2 (14.1-18.6)	74.2 (71.4-76.8)	9.6 (7.8-11.6)	15.7 (13.4-18.4)	6.6 (5.2-8.4)
<b>Remoteness (persons 18+ years)</b>					
Major cities	18.6 (17.3-20.0)	70.9 (69.3-72.5)	10.5 (9.4-11.7)	14.5 (13.1-16.0)	7.7 (6.8-8.8)
Inner regional	18.5 (17.0-20.2)	70.4 (68.3-72.4)	11.1 (9.6-12.8)	11.6 (10.1-13.3)	7.3 (6.1-8.7)
Outer regional	19.4 (17.5-21.3)	66.9 (64.5-69.2)	13.8 (12.1-15.6)	14.0 (12.1-16.3)	10.6 (9.0-12.3)
Remote	19.1 (16.7-21.8)	69.2 (66.3-72.0)	11.6 (10.0-13.5)	16.4 (14.0-19.2)	8.8 (7.3-10.6)
Very remote	21.9 (19.4-24.6)	63.5 (60.4-66.6)	14.6 (12.4-17.0)	15.8 (13.4-18.6)	10.8 (8.9-12.9)

\* Estimate has a relative standard error of 25% to 50% and should be used with caution.

\*\* Not available for publication. Estimate does not meet RSE or sample size criteria and is not considered reliable for general use. Included in totals where applicable.

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