



# The Victorian Health Information Surveillance System (VHISS)

**A brief guide to ACSC reports**



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# About VHISS

The Victorian Health Information Surveillance System (VHISS) can be accessed at the website: <http://www.health.vic.gov.au/healthstatus/vhiss/index.htm>.

VHISS displays a number of public health indicators that are frequently requested by stakeholders and routinely reported by the Health Intelligence Unit:

- Burden of disease (BOD) (including life expectancy (LE));
- Ambulatory care sensitive conditions (ACSCs); and
- Avoidable mortality (AM).

VHISS can also be accessed via the Health Status website at: [www.health.vic.gov.au/healthstatus](http://www.health.vic.gov.au/healthstatus)

Simply click<sup>1</sup> on the link under the 'Related information' box on the right hand side of the screen.

The screenshot shows the VHISS website interface. At the top, there is a blue header with the text 'State Government of Victoria, Australia, Department of Human Services' and 'Victorian Government Health Information'. Below this is a navigation bar with 'Health Home' and 'Main A to Z Index | Site Map | About Health' and a search box. The main content area features a large orange banner with the text 'health status of victorians' and an image of people. Below the banner, the page title is 'Victorian Health Information Surveillance System (VHISS)'. The left sidebar contains a 'Health status home' menu with items like 'Your health', 'Burden of Disease', 'Life expectancy', etc. The main content area has an 'Overview' section with text describing the system and a list of indicators. The right sidebar has a 'Related information' box with a link to 'Victorian Health Information Surveillance System (VHISS)'. An orange arrow points to this box.

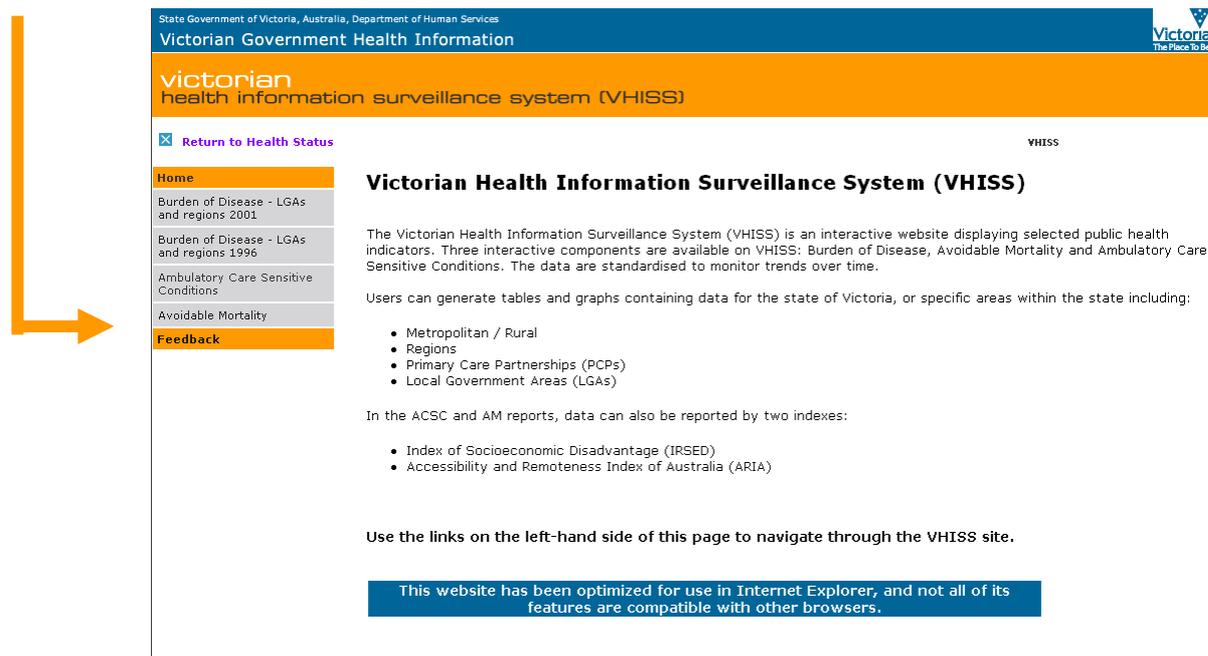
The VHISS website has been optimised for use in Internet Explorer.

For ambulatory care sensitive conditions and avoidable mortality, users can generate reports (tables and graphs) for different geographic levels (LGA, PCP, region, metro/rural, Victoria) and for areas defined based on two indexes, the Index of Relative Socio-Economic Disadvantage (IRSED) and the Accessibility/Remoteness Index of Australia.

These reports can be exported / downloaded in a range of formats (including pdf, Excel, TIFF, CSV and Web Archive).

<sup>1</sup> Use a left mouse click unless otherwise indicated.

The remainder of this guide focuses on ACSC reports. The ACSC reports can be accessed by clicking on “Ambulatory Care Sensitive Conditions” in the menu on the left–hand side of the VHISS website



State Government of Victoria, Australia, Department of Human Services  
Victorian Government Health Information

victorian health information surveillance system (VHISS)

[Return to Health Status](#) VHISS

**Home**

- Burden of Disease - LGAs and regions 2001
- Burden of Disease - LGAs and regions 1996
- Ambulatory Care Sensitive Conditions
- Avoidable Mortality

**Feedback**

## Victorian Health Information Surveillance System (VHISS)

The Victorian Health Information Surveillance System (VHISS) is an interactive website displaying selected public health indicators. Three interactive components are available on VHISS: Burden of Disease, Avoidable Mortality and Ambulatory Care Sensitive Conditions. The data are standardised to monitor trends over time.

Users can generate tables and graphs containing data for the state of Victoria, or specific areas within the state including:

- Metropolitan / Rural
- Regions
- Primary Care Partnerships (PCPs)
- Local Government Areas (LGAs)

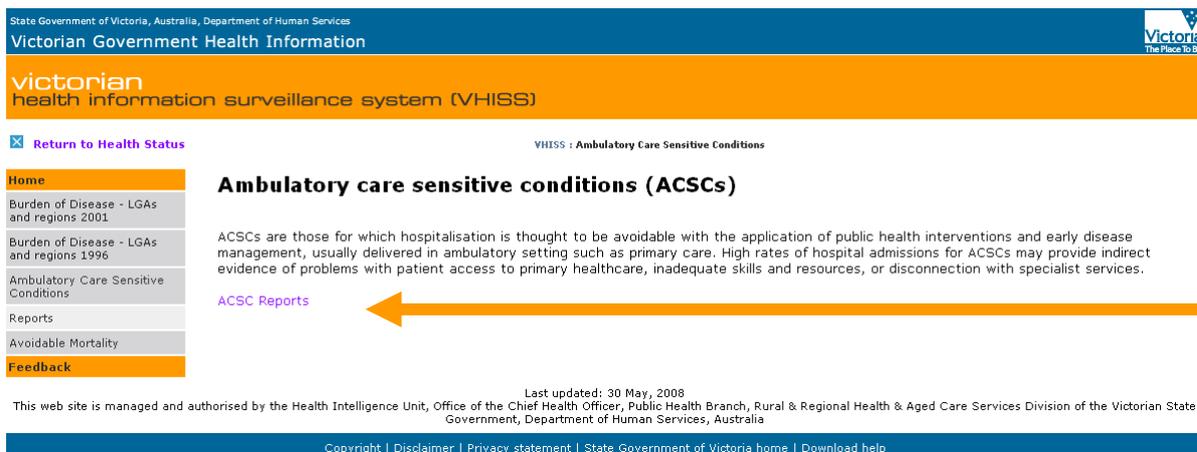
In the ACSC and AM reports, data can also be reported by two indexes:

- Index of Socioeconomic Disadvantage (IRSED)
- Accessibility and Remoteness Index of Australia (ARIA)

Use the links on the left-hand side of this page to navigate through the VHISS site.

This website has been optimized for use in Internet Explorer, and not all of its features are compatible with other browsers.

then clicking on “ACSC Reports” on the intermediate screen



State Government of Victoria, Australia, Department of Human Services  
Victorian Government Health Information

victorian health information surveillance system (VHISS)

[Return to Health Status](#) VHISS : Ambulatory Care Sensitive Conditions

**Home**

- Burden of Disease - LGAs and regions 2001
- Burden of Disease - LGAs and regions 1996
- Ambulatory Care Sensitive Conditions
- Reports
- Avoidable Mortality

**Feedback**

## Ambulatory care sensitive conditions (ACSCs)

ACSCs are those for which hospitalisation is thought to be avoidable with the application of public health interventions and early disease management, usually delivered in ambulatory setting such as primary care. High rates of hospital admissions for ACSCs may provide indirect evidence of problems with patient access to primary healthcare, inadequate skills and resources, or disconnection with specialist services.

[ACSC Reports](#)

Last updated: 30 May, 2008

This web site is managed and authorised by the Health Intelligence Unit, Office of the Chief Health Officer, Public Health Branch, Rural & Regional Health & Aged Care Services Division of the Victorian State Government, Department of Human Services, Australia

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This leads to a list of the five different types of reports available for ACSCs. Clicking on a specific report will take the user to a further screen where further selections can be made in respect of geographic areas, ACSC conditions or ACSC groupings (total, acute, chronic and vaccine preventable), time intervals, populations (males, females and persons) and standard or reference populations, as appropriate for the type of report.

Together the VHISS ACSC reports can be used to generate the type of statistical information reflected in publications from the Victorian Ambulatory Care Conditions Study. Previous publications from this study are available at:

<http://www.health.vic.gov.au/healthstatus/acsc/index.htm>

It's also possible to return to the Health Status website ([www.health.vic.gov.au/healthstatus](http://www.health.vic.gov.au/healthstatus)) or to the Burden of Disease or Avoidable Mortality areas of VHISS by clicking on the appropriate text link on the left hand side of the screen.

# ACSC reports

VHISS can be used to generate five different types of ACSC reports:

- All individual ACSCs for a selected year
- ACSC standardised admission rate trend
- All individual ACSCs admission rate ratios
- Selected ACSC standardised admission rate ratio trend
- Selected admission rate ratio

**This section of the guide provides stand alone descriptions of each of the available ACSC reports.**

The VHISS ACSC reports can be used to generate ACSCs admissions counts, admission rates admission rate ratios and other information reflected in publications from the Victorian Ambulatory Care Conditions Study.

The available ACSCs reports are discussed in order in which they appear on the “ACSC Reports” screen:

The screenshot displays the VHISS website interface. At the top, there is a blue header with the text "State Government of Victoria, Australia, Department of Human Services" and "Victorian Government Health Information". To the right is the "Victoria The Place To Be" logo. Below the header is an orange banner with the text "victorian health information surveillance system (VHISS)". A navigation menu on the left includes "Return to Health Status", "Home", "Burden of Disease - LGAs and regions 2001", "Burden of Disease - LGAs and regions 1996", "Ambulatory Care Sensitive Conditions", "Reports", "Avoidable Mortality", and "Feedback". The main content area is titled "VHISS : Ambulatory Care Sensitive Conditions : Reports" and "ACSC Reports". It lists five report types with brief descriptions:

- [All Individual ACSCs admission rate](#): Provides a list of all ACSCs (individual and total) for your selected area and selected year.
- [Selected ACSC admission rate trend](#): Provides a figure and table showing the standardised admission rate for a selected area and a selected ACSC over time.
- [All Individual ACSC admission rate ratios](#): Provides a figure and table showing the standardised admission rate ratio for all individual ACSCs for a selected area and selected year, compared to Victoria (Victoria = 1).
- [Selected ACSC admission rate ratio trend](#): Provides a figure and table showing the admission rate ratio for a selected ACSC over time, compared to Victoria (Victoria = 1).
- [Selected admission rate ratio](#): Provides a figure and table showing the standardised admission rate ratio for a selected ACSC across all areas (e.g. all LGAs), compared to Victoria (Victoria = 1).



## ALL INDIVIDUAL ACSCs FOR A SELECTED YEAR

This report provides a list of all individual and total ACSCs for a selected area and a selected year.

The selections available for the time interval are single financial years, beginning with 2000–01 and ending with 2006–07.

The geographical areas available include the whole state (Victoria), metropolitan or rural Victoria (based on department regions), one of the eight department regions (Barwon–South Western, Grampians, Loddon Mallee, Hume, Gippsland, North and West Metropolitan, Eastern Metropolitan, Southern Metropolitan), one of the 31 (or 32 in earlier years) primary care partnerships (PCPs), or one of 79 (or 78 in earlier years) local government areas (LGAs). In addition, the user may select one of five quintiles of the 2001 Index of Relative Socio-Economic Disadvantage (IRSED), or one of three ARIA categories for Victoria (highly accessible, accessible and moderately accessible). In this report, the user is constrained to a single geographic area or index level or category.

### All Individual ACSCs for a selected year — selections screen

#### All Individual ACSCs for selected year

Geographical Area

Report By:

Victoria

Selected Metro/Rural  
Metro

Selected Region  
Barwon/South-Western

Selected PCP  
Southern Grampians/Glenelg

Selected LGA  
Alpine (S)

Selected IRSED quintile  
Q1 (most disadvantaged)

Selected ARIA category  
Highly accessible

Socio-demographic

Sex

Persons  Males  Females

Age group

All Age Group  
00-04  
05-09  
10-14

Time interval

Year  
2006-07

Reference Population

Year  
2001

Other options

DO NOT display Helpful notes.

Show Reset

With respect to socio-demographic characteristics, there is a choice of a (sub-) population (males, females or persons) for either a specific 5-year age group, combination of 5-year age groups or the total of all age groups. The age groups extend from 00–04 years to 85 years and over. Broader age groups can be selected over a continuous range by clicking on the first 5-year age group required, holding down the control key and making selections for further age groups.

The final selection available is the standard or reference population used to adjust for differences in the age and/or sex distribution of the population in the selected geographic area. There are two reference populations available, the 1996 or the 2001 Victorian populations.

Once the user has finalised the selections, the report can be generated by clicking on **Show**. Clicking on **Reset** will allow the user to re-specify the report requirements.

Notes that may assist the user in interpreting the report will be displayed with the results after the user has clicked on “**Show**”. The user may choose to not display by clicking on the ‘**DO NOT display helpful notes**’.

### Notes: All individual ACSCs for a selected year report

#### All individual ACSCs for a selected year

##### Period

Information is available for financial years from 2000/01 (1 July 2000 - 30 June 2001) to 2006/07 (1 July 2006 - 30 June 2007)

##### Directly standardised rates

The age standardised rate for an area is the number of hospital admissions, usually expressed per 1,000, that would occur in that area if it had the same age structure as the standard population and the local age-specific rates of the area applied. Directly standardised admission rate is calculated by dividing the number of admissions by the actual local population in a particular age group multiplied by the proportion of the standard population for that particular age group and summing across the relevant age groups. The rate is usually expressed per 1,000 population.

##### 95% confidence intervals

A confidence interval (CI) is a range of values for a variable of interest [in our case, the adjusted rate or rate ratio (RR)] constructed so that this range has a specified probability of including the true value of the variable. The specified probability is called the confidence level, and the end points of the confidence interval are called the confidence limits. It is a widespread convention to create confidence intervals at the 95% level - so this means that 95% of the time the CI should contain the true value of the variable of interest. If the CI of two rates (or RR) do NOT overlap then the two rates (or RR) are significantly different. Also, if the CI of a RR does NOT include 1 then the RR is significantly different from the reference value (Victoria in this case). Note that this is a conservative method of testing.

##### Further reading

Further reading. (1) Anzari Z, The Concept and Usefulness of Ambulatory Care Sensitive Conditions as Indicators of Quality and Access to Primary Health Care. Australian Journal of Primary Health, vol 13, pages 91-110. (2) Your health, A report on the health of Victorians 2005. Melbourne: Department of Human Services 2005. Also published at <http://www.health.vic.gov.au/healthstatus/yourhealth>

**Note:** The LGAs of Benalla and Mansfield, which were formed by the de-amalgamation of the Delatite LGA, are listed at the end of the otherwise alphabetical list of LGAs under geographical areas. Data for these LGAs are available only for the years in which they exist/existed.

The North and West Metropolitan Region which was formed by a merger of the former Northern Metropolitan and Western Metropolitan regions is listed at the end of the list of current departmental regions. Data for these regions are available only for the years in which they exist/existed.

The Inner East PCP which was formed by the amalgamation of the Central East and Boroondara PCPs is listed at the end of the list of current PCPs. Data for these PCPs are available only for the years in which they exist/existed.

The first section of the report (not shown) summarises the selections the user has made and provides the user with a set of choices for exporting the report. The available export formats include: an XML file with report data, a CSV (comma delimited) file, a TIFF file, an Acrobat (pdf) file, web archive and an Excel file.

**Note:** Users who want to manipulate the data further in an Excel file may find it simpler to highlight the relevant numbers in the table, copy it (Ctrl C) and paste it (Ctrl V) into the relevant worksheet.

The report selected in this case is for Victoria (geographic area), for persons (sex) in the age group 00–14 years (age groups), for the financial year 2000–01 (time interval), using the Victorian 2001 population as the reference population.

The screenshot shows the Victorian Health Information System (VHISS) interface. At the top, it displays 'State Government of Victoria, Australia, Department of Human Services' and 'Victorian Government Health Information'. Below this is the 'victorian health information surveillance system (VHISS)' logo. The interface includes navigation controls like '1 of 1', '100%', and 'Find | Next'. A 'Back' button is visible in the top right. The main content area is titled 'All Individual ACSCs for selected year' and contains a table with the following data:

Statistics results for:	
Report By	Victoria
Geographical Area	
Sex	Persons
Standard Population	2001
Age Groups	00-04 05-09 10-14
Time Interval	2000-01

The next part of the report provides the number of ACSC admissions, the standardised admission rate per 1,000 persons, the lower and upper limits of the 95% confidence intervals (CI), and the total and average number of bed days associated with the admissions for each of the 19 individual ACSC conditions. The individual ACSC conditions are displayed in descending order of the standardised admission rate per 1,000 persons.

For example, among persons aged 0–14 years there were 5,396 admissions (as opposed to individuals) to Victorian hospitals for the chronic condition asthma in the financial year 2000–01, accounting for 8,259 hospital bed days in total and 1.53 bed days on average. This corresponds to a standardised rate of 5.62 (95% CI: 5.47–5.77) admissions per 1,000 persons in this age group. Dental conditions (an acute ACSC) had the next highest standardised rate of admissions, at 4.45 (4.31–4.58) per 1,000 persons in the 0–14 year age group.

**Note:** Due to privacy considerations, the output is suppressed in the event that there are five or fewer admissions to report.

All individual ACSCs for selected year						
	Number of Admissions	Standardised Rate per 1,000 Persons	Lower limit of 95% CI	Upper limit of 95% CI	Average Bed days	Total Bed Days
Asthma	5,396	5.62	5.47	5.77	1.53	8,259
Dental conditions	4,272	4.45	4.31	4.58	1.03	4,411
Ear, nose and throat infections	4,166	4.33	4.20	4.46	1.40	5,830
Convulsions and epilepsy	2,052	2.14	2.04	2.23	1.76	3,613
Pyelonephritis	1,085	1.13	1.06	1.20	2.46	2,669
Cellulitis	615	0.64	0.59	0.69	2.57	1,582
Dehydration and gastroenteritis	310	0.32	0.29	0.36	2.61	808

Diabetes complications	254	0.27	0.23	0.30	3.30	837
Chronic Obstructive Pulmonary Disease (COPD)	248	0.26	0.23	0.29	2.81	698
Other vaccine-preventable conditions	69	0.07	0.05	0.09	3.65	252
Congestive cardiac failure	29	0.03	0.02	0.04	6.34	184
Gangrene	26	0.03	0.02	0.04	13.12	341
Iron deficiency anaemia	25	0.03	0.02	0.04	2.04	51
Hypertension	21	0.02	0.01	0.03	1.81	38
Nutritional deficiencies	6	0.01	0.00	0.01	4.50	27

**Notes:** CI - Confidence Interval

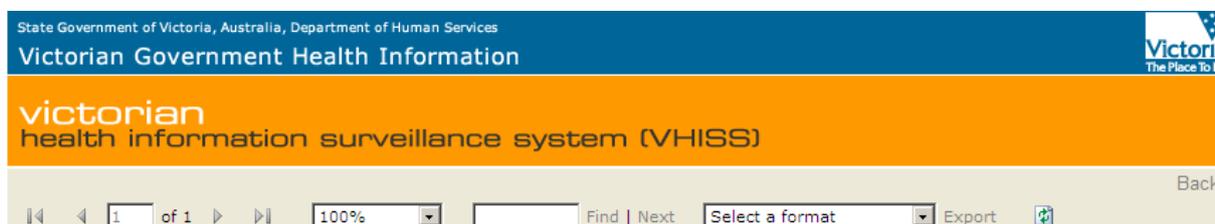
\* In the interest of privacy, the output is suppressed when less than 5 cases are report

**Note:** The number of admissions for total ACSCs is not simply the sum of admissions for acture, chronic and vaccine preventable ACSCs admissions because more than one ACSC may account for the need to admit an individual to hospital.

The following table from the report's output provides similar information for total ACSCs, acute ACSCs (cellulitis, convulsions and epilepsy, dehydration and gastroenteritis, dental conditions, ear, nose and throat (ENT) infections, iron deficiency anaemia, pelvic inflammatory disease, perforated/bleeding ulcer, and pyelonephritis), chronic ACSCs (asthma, chronic obstructive pulmonary disease (COPD), congestive cardiac failure, diabetes complications, gangrene, hypertension, and nutritional deficiencies) and vaccine preventable ACSCs (influenza and pneumonia, and other vaccine preventable conditions).

All ACSC Groups for selected year						
	Number of Admissions	Standardised Rate per 1,000 Persons	Lower limit of 95% CI	Upper limit of 95% CI	Average Bed days	Total Bed Days
Total ACSCs	18,834	19.61	19.33	19.88	1.62	30,559
Acute ACSCs	12,531	13.04	12.81	13.27	1.51	18,977
Chronic ACSCs	5,980	6.23	6.07	6.39	1.74	10,383
Vaccine Preventable ACSCs	340	0.35	0.32	0.39	3.80	1,293

For example, there were 18,834 admissions of Victorian residents aged 0–14 years to Victorian hospitals in the financial year 2000–01 for conditions that are potentially able to be treated effectively in community settings (including primary care and outpatient). These potentially preventable hospitalisations accounted for 30,559 bed days or an average of 1.62 days per admission. The standardised rate of total ACSCs admissions for those aged 0–14 years was 19.61 (19.33–19.88) per 1,000 persons.



Before leaving the report output the user may choose to export the report. VHISS provides the user with a set of choices for exporting the report. The available export formats include: an XML file with report data, a CSV (comma delimited) file, a TIFF file, an Acrobat (pdf) file, web archive and an Excel file.

**Note:** Users who want to manipulate the data further in an Excel file may find it simpler to highlight the relevant numbers in the table, copy it (Ctrl C) and paste it (Ctrl V) into the relevant worksheet.

To return to the report menu in order to generate further reports click on the **Back** button at the top of the screen with the report output. Clicking on **Reset** on the report menu will allow the user to re-specify report requirements.



## ACSC STANDARDISED ADMISSION RATE TREND

This report provides a figure and table showing the standardised admission rate for a selected area and a selected ACSC over time.

### MENU SCREEN: ACSC STANDARDISED ADMISSION RATE TREND REPORT

The screen for this report (see below) requires the user to make choices with respect to geographical area, ACSC conditions and groups, socio-demographic characteristics of the population, the time interval for the ACSC admission rate trend, and the reference population (used to standardise or adjust the ACSC admission rates for differences in the age and sex structure of the population). The choices available with respect to each of these items are explained below.

### Menu Screen: ACSC Standardised admission rate trend report

## ACSC Standardised Admission Rate Trend

### Geographical Area

Report By:

- Metro/Rural
- Selected Region  
Barwon/South-Western
- Selected PCP  
Southern Grampians/Glenelg
- Selected LGA  
Alpine (S)
- Selected IRSED quintile  
Q1 (most disadvantaged)
- Selected ARIA category  
Highly accessible

### ACSC Conditions & Groups

Total ACSCs

### Socio-demographic

Sex  Persons  Males  Females

Age group

All Age Groups  
00-04  
05-09  
10-14

### Time interval

Year

2006-07  
2005-06  
2004-05  
2003-04

### Reference Population

Year

2001

### Other options

DO NOT display Helpful notes.

Show

Reset

## Geographical Area

The geographical areas available include the whole state (Victoria), metropolitan or rural Victoria (based on department regions), one of the eight department regions (Barwon–South Western, Grampians, Loddon Mallee, Hume, Gippsland, North and West Metropolitan, Eastern Metropolitan, Southern Metropolitan), one of the 31 (or 32 in earlier years) primary care partnerships (PCPs), or one of 79 (or 78 in earlier years) local government areas (LGAs). In addition, the user may select one of five quintiles of the 2001 Index of Relative Socio-Economic Disadvantage (IRSED), or one of three ARIA categories for Victoria (highly accessible, accessible and moderately accessible). In this report, the user is constrained to a single geographic area or index level or category.

## ACSC Standardised Admission Rate Trend

### Geographical Area

Report By:  Metro/Rural

Selected Region  
Barwon/South-Western

Selected PCP  
Southern Grampians/Glenelg

Selected LGA  
Alpine (S)

Selected IRSED quintile  
Q1 (most disadvantaged)

Selected ARIA category  
Highly accessible

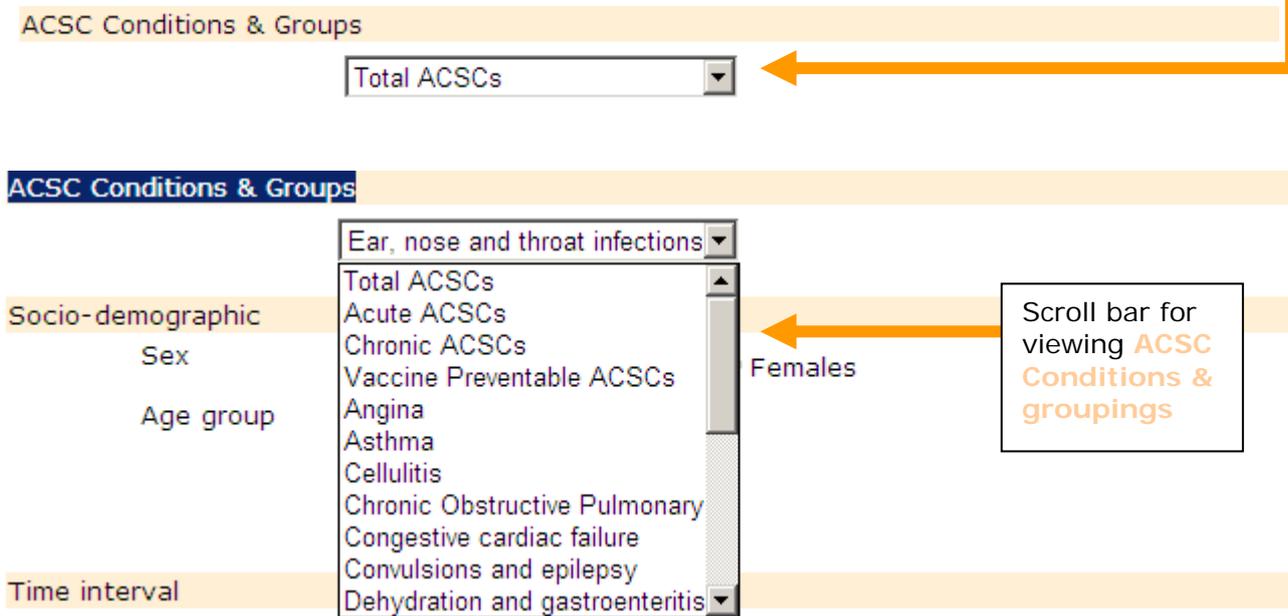
**Note:** The LGAs of Benalla and Mansfield, which were formed by the de-amalgamation of the Delatite LGA, are listed at the end of the otherwise alphabetical list of LGAs under geographical areas. Data for these LGAs are available only for the years in which they exist/existed.

The North and West Metropolitan Region which was formed by a merger of the former Northern Metropolitan and Western Metropolitan regions is listed at the end of the list of current departmental regions. Data for these regions are available only for the years in which they exist/existed.

The Inner East PCP which was formed by the amalgamation of the Central East and Boroondara PCPs is listed at the end of the list of current PCPs. Data for these PCPs are available only for the years in which they exist/existed.

## ACSC Conditions & Groups

This menu item allows the user to choose one of 19 individual ACSC conditions, one of three ACSC groups (acute, chronic and vaccine preventable) or total ACSCs by clicking on the arrow, scrolling down to the condition or grouping required and left-clicking on it.



Total ACSCs and the ACSC groupings (Acute ACSCs, Chronic ACSCs and Vaccine Preventable ACSCs) appear at the top of the scroll down menu, followed by a list of individual ACSCs in alphabetical order (beginning with Angina and ending with Pyelonephritis (not shown in figure above)).

Total ACSCs		
Acute ACSCs	Chronic ACSCs	Vaccine preventable ACSCs
Cellulitis	Angina	Influenza and pneumonia
Convulsions and epilepsy	Asthma	Other vaccine preventable conditions
Dehydration and gastroenteritis	Chronic obstructive pulmonary disease (COPD)	
Dental conditons	Congestive cardiac failure	
Ear, nose and throat (ENT) infections	Diabetes complications	
Iron deficiency anaemia	Gangrene	
Pelvic inflammatory disease	Hypertension	
Perforated/bleeding ulcer	Nutritional deficiencies	
Pyelonephritis		

**Note:** The number of admissions for total ACSCs is not simply the sum of admissions for acture, chronic and vaccine preventable ACSCs admissions because more than one ACSC may account for the need to admit an individual to hospital.

## Socio-demographic characteristics

There is a choice of a (sub-) population (males, females or persons) for either a specific 5-year age group or the total of all age groups. The age groups extend from 00–04 years to 85 years and over.



Socio-demographic

Sex  Persons  Males  Females

Age group All Age Groups  
00-04  
05-09  
10-14

Broader age groups (for example, 15–29 years) can be selected over a continuous range by clicking on the first 5-year age group required, holding down the control key and making selections for further age groups.



Socio-demographic

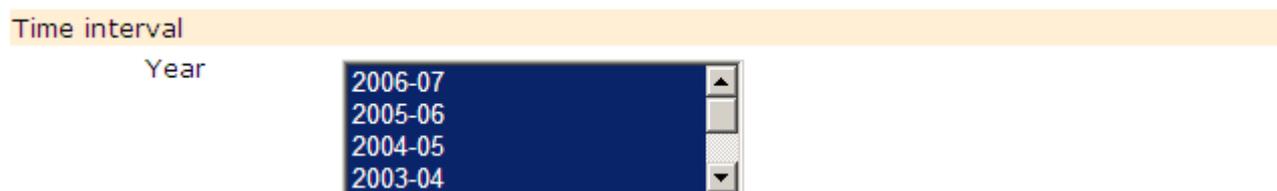
Sex  Persons  Males  Females

Age group 10-14  
15-19  
20-24  
25-29

## Time interval

ACSC trend data are available for the time interval 2000–01 to 2006–07. The default for the time interval selection is set to the entire time interval for which data are available. Users can select a different period using the drop down menu by clicking on each financial year (while holding the control key) over the relevant time interval. Alternatively, (while holding down the control key) the user can click on the first and last financial year for the required time interval.

Data for subsequent years will be added as they become available.



Time interval

Year 2006-07  
2005-06  
2004-05  
2003-04

## Reference population

The final selection available is the standard or reference population used to adjust for differences in the age and/or sex distribution of the population in the selected geographic area. There are two reference populations available, the 1996 or the 2001 Victorian populations. The default for the reference population is set to 2001.

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Once the user has finalised the selections, the report can be generated by clicking on **Show**. Clicking on **Reset** will allow the user to re-specify the report requirements.

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REPORT OUTPUT: ACSC STANDARDISED ADMISSION RATE TREND REPORT

The following output from VHISS assumes the user has selected made the following selections:

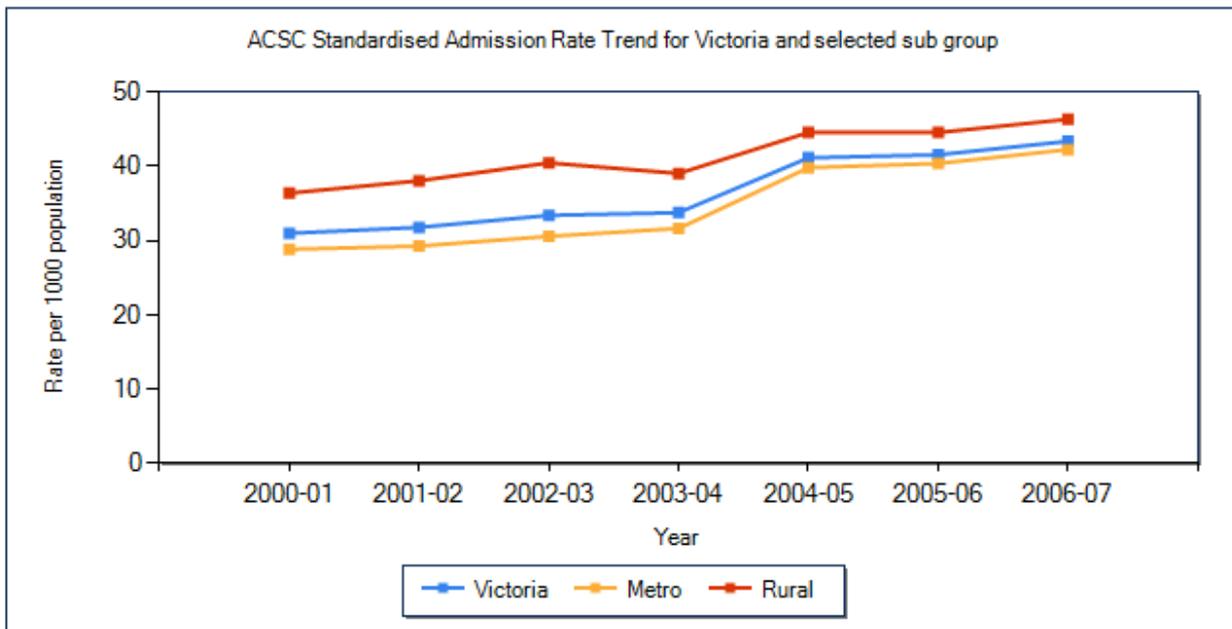
Geographical Area	Metro/rural
ACSC Conditions & Groups	Total ACSCs
Socio-demographic	Persons All age groups
Time Interval	2000-01 to 2006-07
Reference Population	2001

The first section of the report output (not shown) summarises the selections the user has made and provides the user with a set of choices for exporting the report.

The output for this ACSC standardised admission rate trend report comprises a graph showing the trend in admission rates over the time interval selected and a table providing the standardised admissions trend statistics (rate and 95% confidence interval) for the selected geographical and for Victoria.

**Note:** Regardless of the geographical area selected the standardised admission rate and 95% confidence interval for Victoria is reported in the output table and the standardised admission rate for Victoria is shown in the output chart.

**Chart output: ACSC standardised admission rate trend report**



**Note:** Standardised to Victorian population, 2001

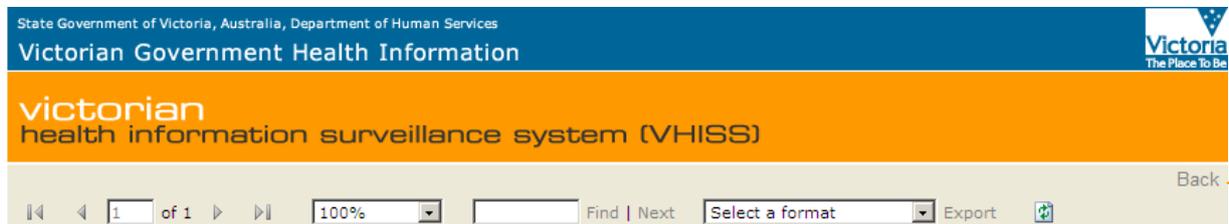
**Table output: ACSC standardised admission rate trend report**

<b>ACSC Standardised Admission rate Trend for Victoria and selected sub group</b>						
Year	Standardised Admission Rate Victoria per 1,000 Persons	Standardised Admission Rate Victoria (LL 95% CI)	Standardised Admission Rate Victoria (UL 95% CI)	Standardised Admission Rate Metro per 1,000 Persons	Standardised Admission Rate Metro (LL 95% CI)	Standardised Admission Rate Metro (UL 95% CI)
2000-01	30.96	30.81	31.12	28.82	28.64	28.99
2001-02	31.77	31.62	31.92	29.25	29.08	29.43
2002-03	33.39	33.23	33.54	30.56	30.38	30.74
2003-04	33.75	33.59	33.90	31.62	31.44	31.80
2004-05	41.12	40.95	41.28	39.79	39.59	39.98
2005-06	41.52	41.36	41.69	40.35	40.16	40.55
2006-07	43.33	43.17	43.50	42.22	42.02	42.41

<b>ACSC Standardised Admission rate Trend for Victoria and selected sub group</b>			
Year	Standardised Admission Rate Rural per 1,000 Persons	Standardised Admission Rate Rural (LL 95% CI)	Standardised Admission Rate Rural (UL 95% CI)
2000-01	36.37	36.06	36.68
2001-02	38.04	37.73	38.34
2002-03	40.43	40.11	40.74
2003-04	39.01	38.70	39.31
2004-05	44.53	44.21	44.85
2005-06	44.52	44.20	44.84
2006-07	46.30	45.97	46.62

**Note:** This output table has been displayed in two parts to avoid a change of page orientation from portrait to landscape.

'Helpful notes' about the ACSCs admission statistics are displayed beneath the output table (if the user has not selected the option "**DO NOT display Helpful notes**" on the menu screen. The notes will be similar to or identical with those for the first report type discussed.



Before leaving the report output the user may choose to export the report. VHISS provides the user with a set of choices for exporting the report. The available export formats include: an XML file with report data, a CSV (comma delimited) file, a TIFF file, an Acrobat (pdf) file, web archive and an Excel file.

**Note:** Users who want to manipulate the data further in an Excel file may find it simpler to highlight the relevant numbers in the table, copy it (Ctrl C) and paste it (Ctrl V) into the relevant worksheet.

To return to the report menu in order to generate further reports click on the **Back** button at the top of the screen with the report output. Clicking on **Reset** on the report menu will allow the user to re-specify report requirements.



## ALL INDIVIDUAL ACSC ADMISSION RATE RATIOS

This report provides a figure and table showing the standardised admission rate ratio for all individual ACSCs for a selected area and selected year, compared to Victoria (Victoria = 1).

### MENU SCREEN: ALL INDIVIDUAL ACSC ADMISSION RATE RATIOS REPORT

The screen for this report (see below) requires the user to make choices with respect to geographical area, socio-demographic characteristics of the population, the time interval for the ACSC admission rate ratio trend, and the reference population (used to standardise or adjust the ACSC admission rates for differences in the age and sex structure of the population). The choices available with respect to each of these items are explained below.

### Menu Screen: ACSC Standardised admission rate trend report

#### All Individual ACSC Standardised Admission Rate Ratios

##### Geographical Area

Report By:

- Victoria
- Selected Metro/Rural
  - Metro
- Selected Region
  - Barwon/South-Western
- Selected PCP
  - Southern Grampians/Glenelg
- Selected LGA
  - Alpine (S)
- Selected IRSED quintile
  - Q1 (most disadvantaged)
- Selected ARIA category
  - Highly accessible

##### Socio-demographic

Sex

- Persons
- Males
- Females

Age group

- All Age Group
- 00-04
- 05-09
- 10-14

##### Time interval

Year

- 2006-07

##### Reference Population

Year

- 2001

##### Other options

DO NOT display Helpful notes.

## Geographical Area

The geographical areas available include the whole state (Victoria), metropolitan or rural Victoria (based on department regions), one of the eight department regions (Barwon–South Western, Grampians, Loddon Mallee, Hume, Gippsland, North and West Metropolitan, Eastern Metropolitan, Southern Metropolitan), one of the 31 (or 32 in earlier years) primary care partnerships (PCPs), or one of 79 (or 78 in earlier years) local government areas (LGAs). In addition, the user may select one of five quintiles of the 2001 Index of Relative Socio-Economic Disadvantage (IRSED), or one of three ARIA categories for Victoria (highly accessible, accessible and moderately accessible). In this report, the user is constrained to a single geographic area or index level or category.

## All Individual ACSC Standardised Admission Rate Ratios

### Geographical Area

Report By:

- Victoria
- Selected Metro/Rural  
Metro
- Selected Region  
Barwon/South-Western
- Selected PCP  
Southern Grampians/Glenelg
- Selected LGA  
Alpine (S)
- Selected IRSED quintile  
Q1 (most disadvantaged)
- Selected ARIA category  
Highly accessible

**Note:** The LGAs of Benalla and Mansfield, which were formed by the de-amalgamation of the Delatite LGA, are listed at the end of the otherwise alphabetical list of LGAs under geographical areas. Data for these LGAs are available only for the years in which they exist/existed.

The North and West Metropolitan Region which was formed by a merger of the former Northern Metropolitan and Western Metropolitan regions is listed at the end of the list of current departmental regions. Data for these regions are available only for the years in which they exist/existed.

The Inner East PCP which was formed by the amalgamation of the Central East and Boroondara PCPs is listed at the end of the list of current PCPs. Data for these PCPs are available only for the years in which they exist/existed.

## Socio-demographic characteristics

There is a choice of a (sub-) population (males, females or persons) for either a specific 5-year age group or the total of all age groups. The age groups extend from 00–04 years to 85 years and over.

**Socio-demographic**

Sex  Persons  Males  Females

Age group All Age Groups

- 00-04
- 05-09
- 10-14

Broader age groups (for example, 15–29 years) can be selected over a continuous range by clicking on the first 5-year age group required, holding down the control key and making selections for further age groups.

**Socio-demographic**

Sex  Persons  Males  Females

Age group 10-14

- 15-19
- 20-24
- 25-29

## Time interval

Individual ACSC admission rate ratio data are available for the time interval 2000–01 to 2006–07. Data for subsequent years will be added as they become available.

The default for the time interval selection is the latest year for which data are available, currently 2006–07. Users can select a given financial year by clicking on the relevant financial year in the drop down menu.

**Time interval**

Year 2006-07

Reference Population 2006-07

Year 2005-06

- 2004-05
- 2003-04
- 2002-03
- 2001-02
- 2000-01

Other options

es.

**Show** **Reset**

## Reference population

The final selection available is the standard or reference population used to adjust for differences in the age and/or sex distribution of the population in the selected geographic area. There are two reference populations available, the 1996 or the 2001 Victorian populations. The default for the reference population is set to 2001.

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Once the user has finalised the selections, the report can be generated by clicking on **Show**. Clicking on **Reset** will allow the user to re-specify the report requirements.

---

## REPORT OUTPUT: ALL INDIVIDUAL ACSCs ADMISSION RATE RATIO REPORT

The following output from VHISS assumes the user has selected made the following selections:

Geographical Area	Alpine LGA
Socio-demographic	Persons All age groups
Time Interval	2006–07
Reference Population	2001

The first section of the report output summarises the selections the user has made (not shown) and provides the user with a set of choices for exporting the report. It also indicates that there are three pages of output associated with this report.

To move from one page to the next, click on the 'forward' arrow on the left-hand side of the screen. To move back to a previous page, click on the 'back' arrow. To move to the beginning or the end of the report output click on the 'fast back' and 'fast forward' arrows respectively.

State Government of Victoria, Australia, Department of Human Services
Victoria  
The Place To Be

### Victorian Government Health Information

## victorian health information surveillance system (VHISS)

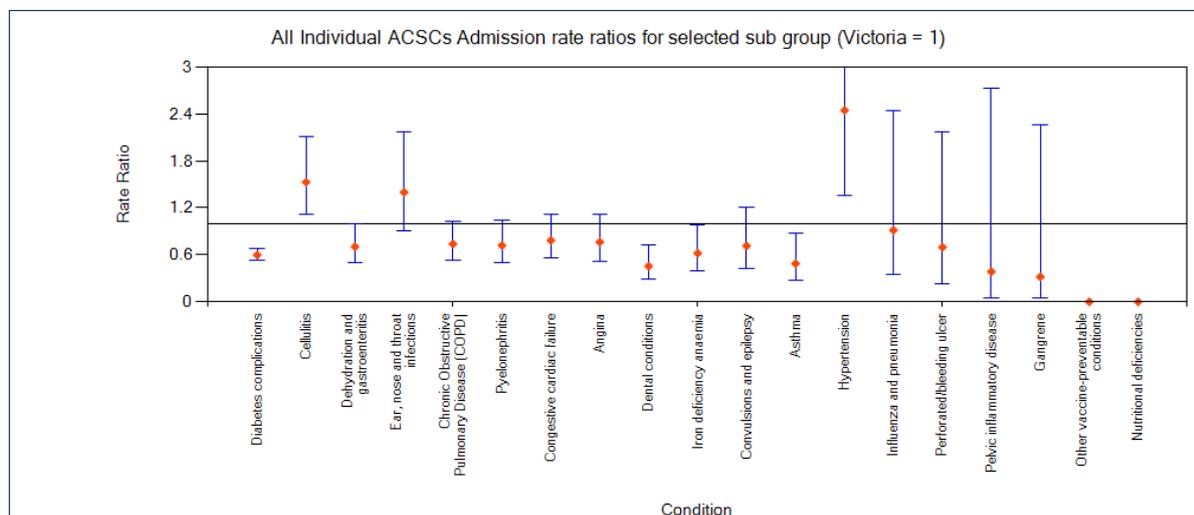
Back

⏪ ⏩ 1 of 1
100%
Find | Next
Select a format
Export

The output for this individual ACSC admission rate ratio report comprises: a rate ratio chart for all individual ACSCs (page 1); a table of rate ratios and 95% confidence intervals for the individual ACSCs (page 2); and a rate ratio chart and table of rate ratios and 95% confidence intervals for the ACSC groupings —acute ACSCs, chronic ACSCs, vaccine preventable ACSCs, and total ACSCs (page 3).

**Note:** The reference standardised admission rate used to calculate the rate ratio for individual ACSC conditions is the Victorian standardised admission rate for that condition.

### Chart output: Individual ACSCs admission rate ratio report (page 1)



**Note:** In the chart the individual ACSC conditions listed on the horizontal (x-axis) are sorted in order of the standardised admission rate for the conditions.

Rate ratios greater than 3.0 are not shown in the chart output.

By placing the cursor arrow over the chart output, the user can choose to save, print, email or open the My Pictures folder on the computer by clicking on the corresponding icon on the menu that pops up.

The chart output can be saved as a picture by placing the clicking on the (disk) icon on the left.

The chart output can be printed by clicking on the (printer) icon that is second from the left.

The chart output can be sent as an email by clicking on the (envelope) icon that is second from the right.

The My Pictures folder can be opened by clicking on the icon on the right.

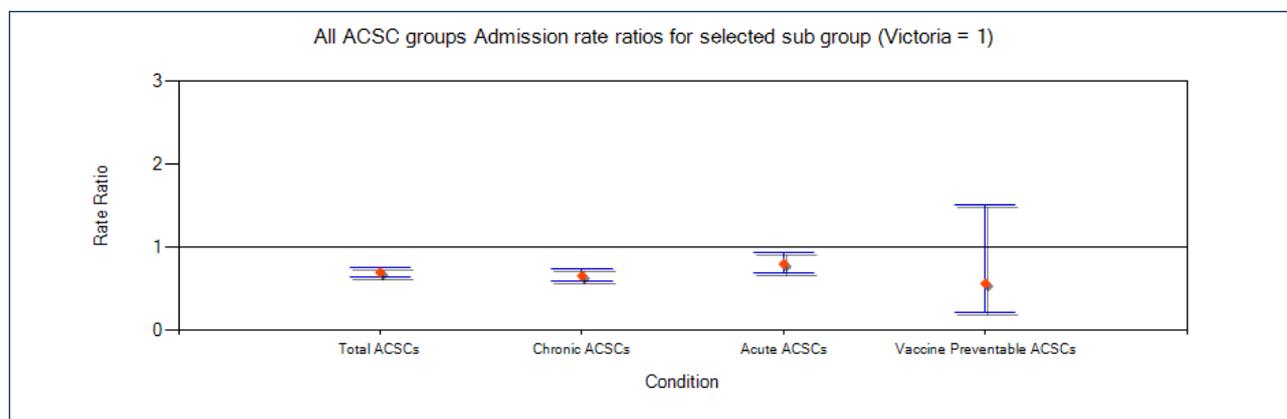


The first output table for this ACSC report comprises the rate ratio and the upper and lower limits of the 95% confidence intervals (CI) for the rate ratio. The ACSC conditions are sorted in order of the standardised admission rate per 1,000 population (persons/males/females).

**Table output: Individual ACSCs admission rate ratio report (page 2)**

All Individual ACSCs Admission rate ratios for selected sub group (Victoria = 1)			
Condition	Rate Ratio	Rate Ratio (Lower limit of 95% CI)	Rate Ratio (Upper limit of 95% CI)
Diabetes complications	0.60	0.52	0.68
Cellulitis	1.53	1.11	2.10
Dehydration and gastroenteritis	0.70	0.49	1.00
Ear, nose and throat infections	1.40	0.90	2.17
Chronic Obstructive Pulmonary Disease (COPD)	0.74	0.53	1.03
Pyelonephritis	0.72	0.50	1.04
Congestive cardiac failure	0.78	0.55	1.11
Angina	0.76	0.52	1.12
Dental conditions	0.45	0.28	0.73
Iron deficiency anaemia	0.62	0.39	0.98
Convulsions and epilepsy	0.71	0.42	1.21
Asthma	0.49	0.27	0.88
Hypertension	2.45	1.35	4.43
Influenza and pneumonia	0.92	0.34	2.44
Perforated/bleeding ulcer	0.70	0.22	2.16
Pelvic inflammatory disease	0.39	0.05	2.74
Gangrene	0.32	0.04	2.27
Other vaccine-preventable conditions	0.00	0.00	0.00
Nutritional deficiencies	0.00	0.00	0.00

**Chart output: Individual ACSCs admission rate ratio report (page 3)**

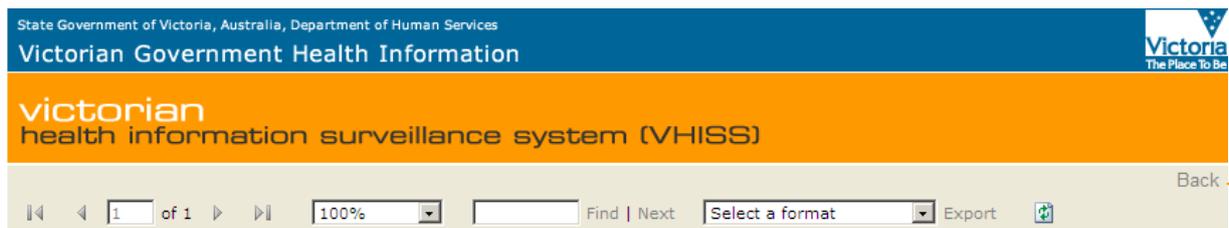


**Note:** In the chart the ACSC groupings listed on the horizontal (x-axis) are sorted in order of the standardised admission rate for the conditions.

**Table output: All ACSC groupings admission rate ratio report (page 3)**

All ACSC groups Admission rate ratios for selected sub group (Victoria = 1)			
Condition	Rate Ratio	Rate Ratio (Lower limit of 95% CI)	Rate Ratio (Upper limit of 95% CI)
Total ACSCs	0.70	0.64	0.76
Chronic ACSCs	0.66	0.59	0.73
Acute ACSCs	0.80	0.69	0.93
Vaccine Preventable ACSCs	0.56	0.21	1.50

'Helpful notes' about the ACSCs admission statistics are displayed beneath the output table (if the user has not selected the option "**DO NOT display Helpful notes**" on the menu screen. The notes will be similar to or identical with those shown for the first ACSC report type.



Before leaving the report output the user may choose to export the report. VHISS provides the user with a set of choices for exporting the report. The available export formats include: an XML file with report data, a CSV (comma delimited) file, a TIFF file, an Acrobat (pdf) file, web archive and an Excel file.

**Note:** Users who want to manipulate the data further in an Excel file may find it simpler to highlight the relevant numbers in the table, copy it (Ctrl C) and paste it (Ctrl V) into the relevant worksheet.

To return to the report menu in order to generate further reports click on the **Back** button at the top of the screen with the report output. Clicking on **Reset** on the report menu will allow the user to re-specify report requirements.

## SELECTED ACSC STANDARDISED ADMISSION RATE RATIO TREND

This report provides a figure and table showing the admission rate ratio for a selected ACSC over time, compared to Victoria (Victoria = 1).

### MENU SCREEN: SELECTED ACSC STANDARDISED ADMISSION RATE RATIO TREND REPORT

The screen for this report (see below) requires the user to make choices with respect to geographical area, ACSC conditions and groups, socio-demographic characteristics of the population, the time interval for the ACSC admission rate trend, and the reference population (used to standardise or adjust the ACSC admission rates for differences in the age and sex structure of the population). The choices available with respect to each of these items are explained below.

### Menu Screen: Selected ACSC Standardised admission rate ratio trend report

#### Selected ACSC Standardised Admission Rate Ratio Trend

Location

Report By:  Victoria  
 Selected Metro/Rural  
    Metro  
 Selected Region  
    Barwon/South-Western  
 Selected PCP  
    Southern Grampians/Glenelg  
 Selected LGA  
    Alpine (S)  
 Selected IRSED quintile  
    Q1 (most disadvantaged)  
 Selected ARIA category  
    Highly accessible

Sex  Persons  Males  Females

Age group  
All Age Groups  
00-04  
05-09  
10-14

Time interval

Year  
2006-07  
2005-06  
2004-05  
2003-04

Reference Population

Year  
2001

Other options

DO NOT display Helpful notes.

Show Reset

## Geographical Area

The geographical areas available include the whole state (Victoria), metropolitan or rural Victoria (based on department regions), one of the eight department regions (Barwon–South Western, Grampians, Loddon Mallee, Hume, Gippsland, North and West Metropolitan, Eastern Metropolitan, Southern Metropolitan), one of the 31 (or 32 in earlier years) primary care partnerships (PCPs), or one of 79 (or 78 in earlier years) local government areas (LGAs). In addition, the user may select one of five quintiles of the 2001 Index of Relative Socio-Economic Disadvantage (IRSED), or one of three ARIA categories for Victoria (highly accessible, accessible and moderately accessible). In this report, the user is constrained to a single geographic area or index level or category.

## Selected ACSC Standardised Admission Rate Ratio Trend

### Location

Report By:

- Victoria
- Selected Metro/Rural
  -
- Selected Region
  -
- Selected PCP
  -
- Selected LGA
  -
- Selected IRSED quintile
  -
- Selected ARIA category
  -

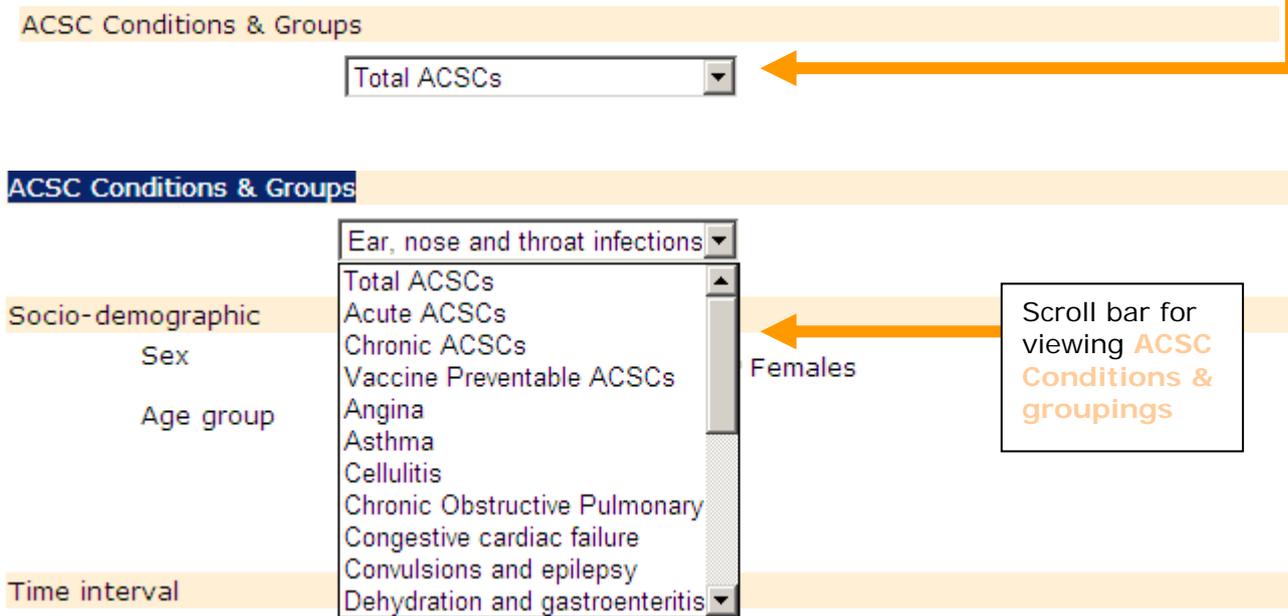
**Note:** The LGAs of Benalla and Mansfield, which were formed by the de–amalgamation of the Delatite LGA, are listed at the end of the otherwise alphabetical list of LGAs under geographical areas. Data for these LGAs are available only for the years in which they exist/existed.

The North and West Metropolitan Region which was formed by a merger of the former Northern Metropolitan and Western Metropolitan regions is listed at the end of the list of current departmental regions. Data for these regions are available only for the years in which they exist/existed.

The Inner East PCP which was formed by the amalgamation of the Central East and Boroondara PCPs is listed at the end of the list of current PCPs. Data for these PCPs are available only for the years in which they exist/existed.

## ACSC Conditions & Groups

This menu item allows the user to choose one of 19 individual ACSC conditions, one of three ACSC groups (acute, chronic and vaccine preventable) or total ACSCs by clicking on the arrow, scrolling down to the condition or grouping required and left-clicking on it.



Total ACSCs and the ACSC groupings (Acute ACSCs, Chronic ACSCs and Vaccine Preventable ACSCs) appear at the top of the scroll down menu, followed by a list of individual ACSCs in alphabetical order (beginning with Angina and ending with Pyelonephritis (not shown in figure)).

Total ACSCs		
Acute ACSCs	Chronic ACSCs	Vaccine preventable ACSCs
Cellulitis Convulsions and epilepsy Dehydration and gastroenteritis Dental conditons Ear, nose and throat (ENT) infections Iron deficiency anaemia Pelvic inflammatory disease Perforated/bleeding ulcer Pyelonephritis	Angina Asthma Chronic obstructive pulmonary disease (COPD) Congestive cardiac failure Diabetes complications Gangrene Hypertension Nutritional deficiencies	Influenza and pneumonia Other vaccine preventable conditions

**Note:** The number of admissions for total ACSCs is not simply the sum of admissions for acture, chronic and vaccine preventable ACSCs admissions because more than one ACSC may account for the need to admit an individual to hospital.

## Socio-demographic characteristics

There is a choice of a (sub-) population (males, females or persons) for either a specific 5-year age group or the total of all age groups. The age groups extend from 00–04 years to 85 years and over.

**Socio-demographic**

Sex  Persons  Males  Females

Age group All Age Groups

- 00-04
- 05-09
- 10-14

Broader age groups (for example, 15–29 years) can be selected over a continuous range by clicking on the first 5-year age group required, holding down the control key and making selections for further age groups.

**Socio-demographic**

Sex  Persons  Males  Females

Age group 10-14

- 15-19
- 20-24
- 25-29

## Time interval

ACSC trend data are available for the time interval 2000–01 to 2006–07. The default for the time interval selection is set to the entire time interval for which data are available. Users can select a different period using the drop down menu by clicking on each financial year (while holding the control key) over the relevant time interval. Alternatively, (while holding down the control key) the user can click on the first and last financial year for the required time interval.

Data for subsequent years will be added as they become available.

**Time interval**

Year 2006-07

- 2005-06
- 2004-05
- 2003-04

## Reference population

The final selection available is the standard or reference population used to adjust for differences in the age and/or sex distribution of the population in the selected geographic area. There are two reference populations available, the 1996 or the 2001 Victorian populations. The default for the reference population is set to 2001.

---

Once the user has finalised the selections, the report can be generated by clicking on **Show**. Clicking on **Reset** will allow the user to re-specify the report requirements.

---

## REPORT OUTPUT: ACSC STANDARDISED ADMISSION RATE TREND REPORT

The following output from VHISS assumes the user has selected made the following selections:

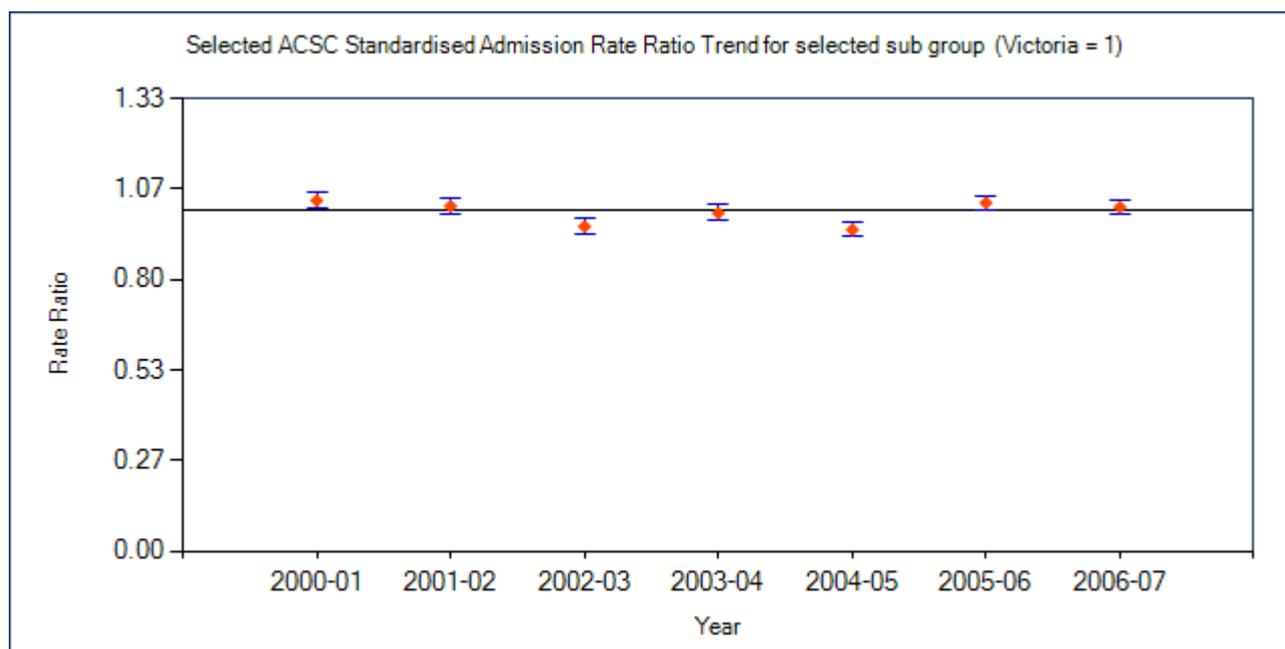
Geographical Area	Barwon–South Western
ACSC Conditions & Groups	Chronic ACSCs
Socio–demographic	Persons All age groups
Time Interval	2000–01 to 2006–07
Reference Population	2001

The first section of the report output (not shown) summarises the selections the user has made and provides the user with a set of choices for exporting the report.

The output for this ACSC standardised admission rate trend report comprises a graph showing the trend in admission rate ratios over the time interval selected and a table providing the standardised admissions trend statistics (rate ratio and 95% confidence interval) for the selected geographical area.

### Chart output: Selected ACSC standardised admission rate trend report

**Note:** The reference standardised admission rate used to calculate the rate ratio for the selected ACSC condition is the Victorian standardised admission rate for that condition.



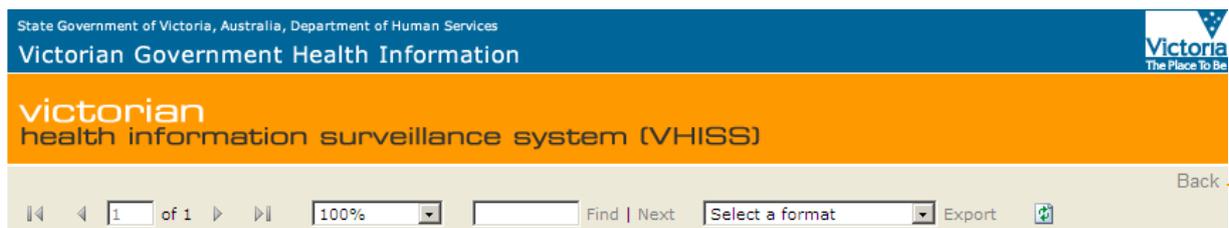
**Note:** The horizontal axis for the chart intersects the vertical axis at 1.0.

Rate ratios above 3.0 are not shown.

**Table output: Selected ACSC standardised admission rate trend report**

<b>Selected ACSC Standardised Admission Rate Ratio Trend for selected sub group (Victoria = 1)</b>			
<b>Year</b>	<b>Rate Ratio</b>	<b>Rate Ratio (Lower limit of 95% CI)</b>	<b>Rate Ratio (Upper limit of 95% CI)</b>
2000-01	1.03	1.01	1.06
2001-02	1.01	0.99	1.04
2002-03	0.96	0.93	0.98
2003-04	1.00	0.97	1.02
2004-05	0.95	0.93	0.96
2005-06	1.02	1.01	1.04
2006-07	1.01	0.99	1.03

'Helpful notes' about the ACSCs admission statistics are displayed beneath the output table (if the user has not selected the option "**DO NOT display Helpful notes**" on the menu screen. The notes will be similar to or identical with those in shown above for the first ACSC report type.



Before leaving the report output the user may choose to export the report. VHISS provides the user with a set of choices for exporting the report. The available export formats include: an XML file with report data, a CSV (comma delimited) file, a TIFF file, an Acrobat (pdf) file, web archive and an Excel file.

**Note:** Users who want to manipulate the data further in an Excel file may find it simpler to highlight the relevant numbers in the table, copy it (Ctrl C) and paste it (Ctrl V) into the relevant worksheet.

To return to the report menu in order to generate further reports click on the **Back** button at the top of the screen with the report output. Clicking on **Reset** on the report menu will allow the user to re-specify report requirements.

---



## SELECTED ADMISSION RATE RATIO

This report provides a figure and table showing the standardised admission rate ratio for a selected ACSC across all areas (e.g. all LGAs), compared to Victoria (Victoria = 1).

### MENU SCREEN: SELECTED ADMISSION RATE RATIO REPORT

The screen for this report (see below) requires the user to make choices with respect to geographical area, ACSC conditions and groups, socio-demographic characteristics of the population, the time interval, and the reference population (used to standardise or adjust the ACSC admission rates for differences in the age and sex structure of the population). The choices available with respect to each of these items are explained below.

### Menu Screen: Selected admission rate ratio report

#### ACSC Standardised Admission Rate Ratio

##### Geographical Area

- Report By:
- Metro/Rural
  - Region
  - PCP
  - LGA
  - IRSED quintile
  - ARIA category

##### ACSC Conditions & Groups

Total ACSCs

##### Socio-demographic

Sex  Persons  Males  Females

Age group:

- All Age Group
- 00-04
- 05-09
- 10-14

##### Time interval

Year 2006-07

##### Reference Population

Year 2001

##### Other options

DO NOT display Helpful notes.

Show

Reset

## Geographical Area

The geographical areas available include the whole state (Victoria), metropolitan or rural Victoria (based on department regions), one of the eight department regions (Barwon–South Western, Grampians, Loddon Mallee, Hume, Gippsland, North and West Metropolitan, Eastern Metropolitan, Southern Metropolitan), one of the 31 (or 32 in earlier years) primary care partnerships (PCPs), or one of 79 (or 78 in earlier years) local government areas (LGAs). In addition, the user may select one of five quintiles of the 2001 Index of Relative Socio-Economic Disadvantage (IRSED), or one of three ARIA categories for Victoria (highly accessible, accessible and moderately accessible).

## **ACSC Standardised Admission Rate Ratio**

Geographical Area

- Report By:
- Metro/Rural
  - Region
  - PCP
  - LGA
  - IRSED quintile
  - ARIA category

**Note:** The LGAs of Benalla and Mansfield, which were formed by the de–amalgamation of the Delatite LGA, are listed at the end of the otherwise alphabetical list of LGAs under geographical areas. Data for these LGAs are available only for the years in which they exist/existed.

The North and West Metropolitan Region which was formed by a merger of the former Northern Metropolitan and Western Metropolitan regions is listed at the end of the list of current departmental regions. Data for these regions are available only for the years in which they exist/existed.

The Inner East PCP which was formed by the amalgamation of the Central East and Boroondara PCPs is listed at the end of the list of current PCPs. Data for these PCPs are available only for the years in which they exist/existed.

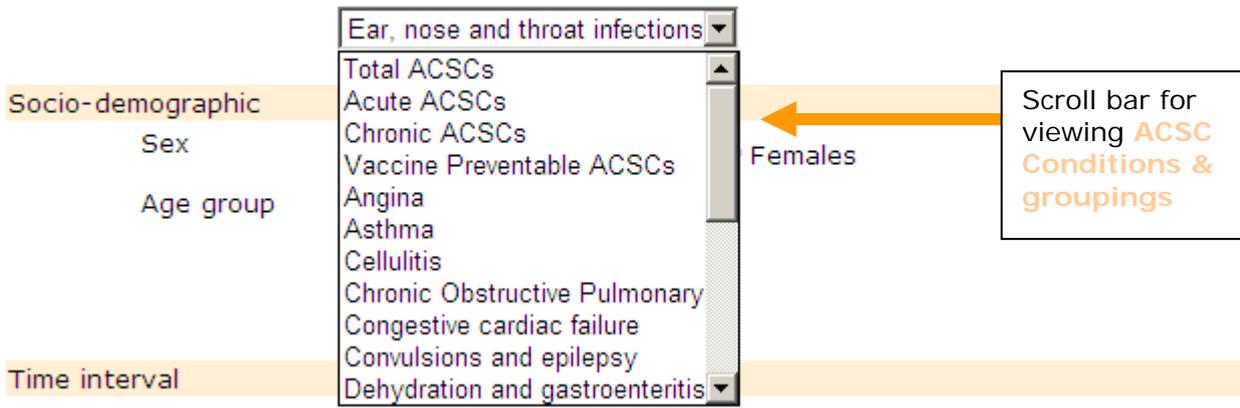
## ACSC Conditions & Groups

This menu item allows the user to choose one of 19 individual ACSC conditions, one of three ACSC groups (acute, chronic and vaccine preventable) or total ACSCs by clicking on the arrow, scrolling down to the condition or grouping required and left–clicking on it.

ACSC Conditions & Groups

Total ACSCs

**ACSC Conditions & Groups**



Total ACSCs and the ACSC groupings (Acute ACSCs, Chronic ACSCs and Vaccine Preventable ACSCs) appear at the top of the scroll down menu, followed by a list of individual ACSCs in alphabetical order (beginning with Angina and ending with Pyelonephritis (not shown in figure)).

Total ACSCs		
Acute ACSCs	Chronic ACSCs	Vaccine preventable ACSCs
Cellulitis Convulsions and epilepsy Dehydration and gastroenteritis Dental conditons Ear, nose and throat (ENT) infections Iron deficiency anaemia Pelvic inflammatory disease Perforated/bleeding ulcer Pyelonephritis	Angina Asthma Chronic obstructive pulmonary disease (COPD) Congestive cardiac failure Diabetes complications Gangrene Hypertension Nutritional deficiencies	Influenza and pneumonia Other vaccine preventable conditions

**Note:** The number of admissions for total ACSCs is not simply the sum of admissions for acture, chronic and vaccine preventable ACSCs admissions because more than one ACSC may account for the need to admit an individual to hospital.

Socio-demographic characteristics

There is a choice of a (sub-) population (males, females or persons) for either a specific 5-year age group or the total of all age groups. The age groups extend from 00-04 years to 85 years and over.



Broader age groups (for example, 15–29 years) can be selected over a continuous range by clicking on the first 5–year age group required, holding down the control key and making selections for further age groups.

#### Socio-demographic

Sex

Persons  Males  Females

Age group



10-14  
15-19  
20-24  
25-29

#### Time interval

Individual ACSC admission rate ratio data are available for the time interval 2000–01 to 2006–07. Data for subsequent years will be added as they become available.

The default for the time interval selection is the latest year for which data are available, currently 2006–07. Users can select a given financial year by clicking on the relevant financial year in the drop down menu.

#### Time interval

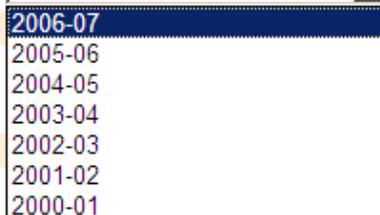
Year



2006-07

#### Reference Population

Year



2006-07  
2005-06  
2004-05  
2003-04  
2002-03  
2001-02  
2000-01

#### Other options

es.

Show

Reset

#### Reference population

The final selection available is the standard or reference population used to adjust for differences in the age and/or sex distribution of the population in the selected geographic area. There are two reference populations available, the 1996 or the 2001 Victorian populations. The default for the reference population is set to 2001.

---

Once the user has finalised the selections, the report can be generated by clicking on **Show**. Clicking on **Reset** will allow the user to re-specify the report requirements.

---

## REPORT OUTPUT: SELECTED ACSC ADMISSION RATE RATIO REPORT

The following output from VHISS assumes the user has selected made the following selections:

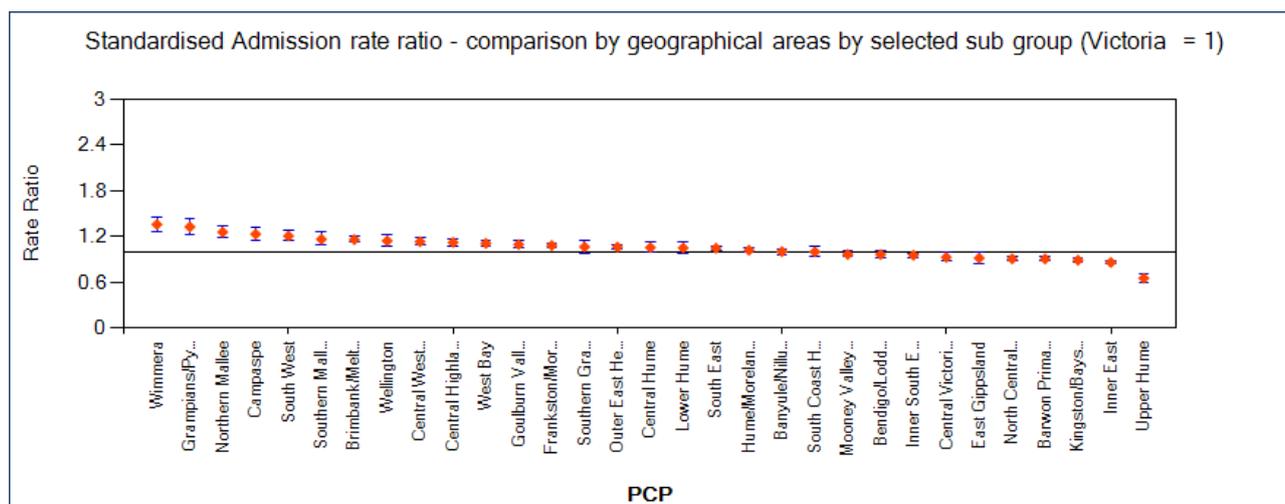
Geographical Area	PCP
ACSC Conditions & Groups	Acute ACSCs
Socio-demographic	Persons All age groups
Time Interval	2006–07
Reference Population	2001

The first section of the report output (not shown) summarises the selections the user has made and provides the user with a set of choices for exporting the report.

The output for this selected ACSC standardised admission rate ratio report comprises a graph showing the admission rate ratios for each spatial unit at the geographical area selected and a table providing the standardised admissions rate ratio statistics (rate ratio and 95% confidence interval) for each of the spatial units for the selected ACSC condition or grouping.

### Chart output: Selected ACSC admission rate ratio report

**Note:** The reference standardised admission rate used to calculate the rate ratio for the selected ACSC condition for the selected area is the Victorian standardised admission rate for that condition.



**Note:** The horizontal axis for the chart intersects the vertical axis at 1.0.

Rate ratios above 3.0 are not shown.

The full names of the spatial units selected appear in the table associated with the chart.

By placing the cursor arrow over the chart output, the user can choose to save, print, email or open the My Pictures folder on the computer by clicking on the corresponding icon on the menu that pops up.

The chart output can be saved as a picture by clicking on the (disk) icon on the left.

The chart output can be printed by clicking on the (printer) icon that is second from the left.

The chart output can be sent as an email by clicking on the (envelope) icon that is second from the right.

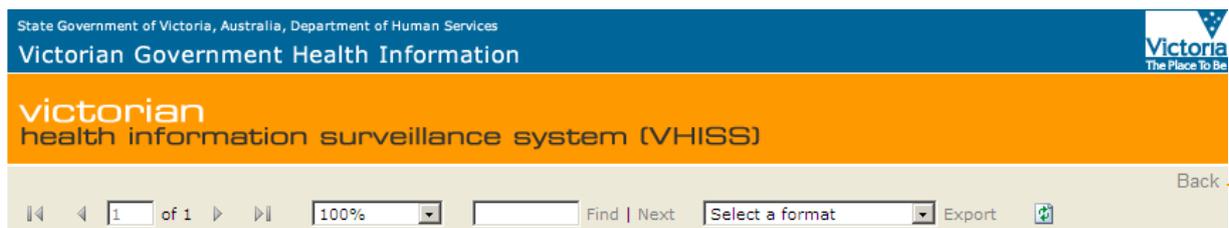
The My Pictures folder can be opened by clicking on the icon on the right.



### Table output: Selected ACSC admission rate ratio report

Standardised Admission rate ratio - comparison by geographical areas by selected group (Victoria = 1)			
PCP	Rate Ratio	Rate Ratio (Lower limit of 95% CI)	Rate Ratio (Upper limit of 95% CI)
Wimmera	1.36	1.27	1.45
Grampians/Pyrenees	1.33	1.23	1.43
Northern Mallee	1.26	1.18	1.34
Campaspe	1.23	1.14	1.33
South West	1.21	1.14	1.28
Southern Mallee	1.16	1.08	1.25
Brimbank/Melton	1.16	1.12	1.20
Wellington	1.14	1.06	1.23
Central West Gippsland	1.13	1.08	1.18
Central Highlands	1.12	1.08	1.17
West Bay	1.11	1.08	1.14
Goulburn Valley	1.10	1.04	1.15
Frankston/Mornington Peninsula	1.08	1.05	1.12
Southern Grampians/Glenelg	1.06	0.98	1.15
Outer East Health and Community Support Alliance	1.06	1.03	1.09
Central Hume	1.05	0.99	1.12
Lower Hume	1.05	0.97	1.13
South East	1.05	1.02	1.07
Hume/Moreland	1.02	0.99	1.05
Banyule/Nilumbik	1.00	0.97	1.04
South Coast Health Services Consortium	1.00	0.93	1.07
Mooney Valley/Melbourne	0.97	0.93	1.00
Bendigo/Loddon	0.96	0.92	1.01
Inner South East Partnership in Community and Health	0.96	0.93	0.98
Central Victorian Health Victorian Alliance	0.93	0.87	0.99
East Gippsland	0.92	0.84	1.00
North Central Metropolitan	0.91	0.88	0.94
Barwon Primary Care Forum	0.91	0.88	0.94
Kingston/Bayside	0.89	0.86	0.92
Inner East	0.86	0.84	0.88
Upper Hume	0.65	0.60	0.71

'Helpful notes' about the ACSCs admission statistics are displayed beneath the output table (if the user has not selected the option "**DO NOT display Helpful notes**" on the menu screen. The notes will be similar to or identical with those shown for the first ACSC report type discussed.



Before leaving the report output the user may choose to export the report. VHISS provides the user with a set of choices for exporting the report. The available export formats include: an XML file with report data, a CSV (comma delimited) file, a TIFF file, an Acrobat (pdf) file, web archive and an Excel file.

**Note:** Users who want to manipulate the data further in an Excel file may find it simpler to highlight the relevant numbers in the table, copy it (Ctrl C) and paste it (Ctrl V) into the relevant worksheet.

To return to the report menu in order to generate further reports click on the **Back** button at the top of the screen with the report output. Clicking on **Reset** on the report menu will allow the user to re-specify report requirements.