05 May to 11 May 2019

Doctors can now notify diseases online. Links to notification forms, information on reporting procedures and a list of notifiable conditions in South Australia, including an online form for some conditions can be found here – [www.sahealth.sa.gov.au/NotifiableDiseaseReporting](http://www.sahealth.sa.gov.au/NotifiableDiseaseReporting)

Funded influenza vaccine is available for all individuals eligible under the National Immunisation Program and the State Childhood Influenza Program (all children 6 months to less than 5 years of age, everyone aged 65 years and over, all pregnant women in any trimester, all Aboriginal and Torres Strait Islander people aged 6 months and over and all people six months of age or older with specific chronic medical conditions).


**GASTROINTESTINAL DISEASES**

**Campylobacteriosis**

Fifty-five cases of Campylobacter infection were reported this week. Cases comprised of 33 males and 22 females, with a median age of 31 years. Year-to-date there have been 1,183 campylobacteriosis notifications, compared with 1,016 cases reported for the same period last year.

**Cryptosporidiosis**

One case of cryptosporidiosis was reported this week in a 60 year-old female. Year-to-date there have been 46 cryptosporidiosis notifications, compared with 90 cases reported for the same period last year.

**Salmonellosis**

Sixteen cases of salmonellosis were reported this week. Cases comprised of six males and 10 females, with a median age of 26 years. There have been 563 cases of salmonellosis notified year-to-date, compared with 624 cases reported for the same period last year.

**Shiga toxin producing Escherichia coli (STEC)**

There were six STEC notifications reported this week, in one male and five females, with a median age of 42 years. Year-to-date there have been 115 cases of STEC notified, compared with 138 cases reported for the same period last year.

**Shigellosis**

Four cases of shigellosis were reported this week in two males and two females, with a median age of 22 years. Cases resided in both metropolitan Adelaide and rural South Australia. Year-to-date there have been 134 cases of Shigella infection, compared to 155 cases reported for the same period last year.
VACCINE PREVENTABLE DISEASES

Influenza

From 1 January to 11 May 2019, there were 12,339 notifications of influenza virus infection (noting that there is currently an administrative backlog for data entry of cases) reported to the Communicable Disease Control Branch, compared to 1,348 cases reported for the same period last year. Of these notifications:

- 6,953 were in females and 5,386 were in males
- The age range is <1 - 101 years, with a median age of 35 years
- 11,919 cases (97%) were due to influenza A and 420 cases (3%) were due to influenza B virus
- 296 cases (3%) were reported to have required hospital admission
- Seventeen cases (0.1%) were reported to have died from influenza virus infection (age range 15-94 years)

Figure 1: Influenza notifications in South Australia by year, 1 January 2015 – 11 May 2019 (South Australian Notifiable Infectious Disease Surveillance database)
The influenza chart shows recent influenza activity in South Australia. The chart includes data from the South Australian Notifiable Infectious Disease Surveillance database, sentinel general practitioner influenza diagnoses (ASPREN) and emergency department influenza diagnoses (HASSED).
Pertussis

Ten cases of pertussis (whooping cough) were reported this week in five males and five females with a median age of 43 years. There have been 119 cases of pertussis notified year-to-date, compared to 317 cases reported for the same period last year.

The pertussis chart on this site shows recent activity across all age groups in South Australia.

Invasive Pneumococcal Disease

Three cases of invasive pneumococcal disease were notified this week in two males and one female with a median age of 1 year. There have been 53 cases of pneumococcal disease notified year-to-date, compared to 33 cases reported for the same period last year.

Rotavirus

Thirteen cases of rotavirus infection were notified this week in seven males and six females, with two cases being under the age of 12 months. There have been 147 cases of rotavirus notified year-to-date, compared to 136 cases reported for the same period last year.

The rotavirus chart on this site shows recent rotavirus activity in South Australia.

Varicella infection

Seventy-five cases of varicella-zoster virus infection were notified this week in 29 males and 46 females, with a median age of 49 years. Of the cases of varicella-zoster virus infection that have been characterised year-to-date, 927 were shingles and 199 were chickenpox.

The shingles chart and chickenpox chart on this site show varicella virus activity in South Australia.

OTHER DISEASES

Dengue fever

Four cases of dengue fever were notified this week in a three males and one female, with a median age of 35 years. Two cases had travelled to Indonesia, one case had travelled to Pakistan and another to Cambodia. There have been 27 cases of dengue fever notified year-to-date, compared with 15 cases reported for the same period last year.

Malaria

One case of malaria was notified this week in a 47 year old male who had travelled from East Africa. There have been 24 cases of malaria notified year-to-date, compared to three cases reported for the same period last year.

Data correct as of 11 May 2019 and subject to change.