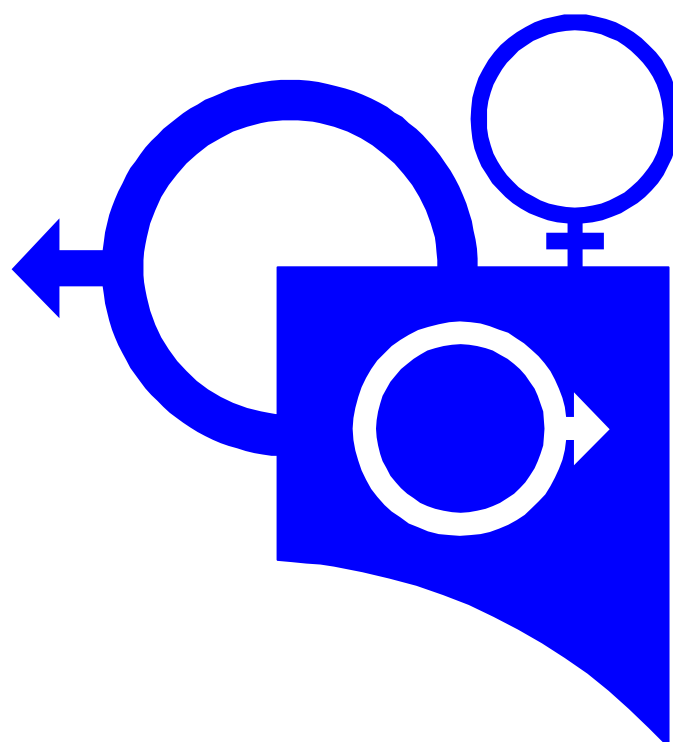


Sexually Transmitted Diseases Services Quarterly Surveillance Report

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All data in this report are provisional and subject to future revision.

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HIV INFECTION IN SOUTH AUSTRALIA

HIV Infection 1985 - 30/06/08

In South Australia, 1127 individuals have been diagnosed with HIV infection, 1007 (89%) males and 120 (11%) females. Of the males, 741 (73%) reported male-to-male sexual contact, 77 (7%) reported injecting drug use and 47 (5%) reported both risk factors. Heterosexual transmission was reported by 78 (64%) females diagnosed with HIV infection, 32 (27%) females reported injecting drug use (Table 1.1).

HIV Infection 01/04/08- 30/06/08

Eight individuals (5 males, 3 females) were diagnosed with HIV infection during the second quarter of 2008 compared to 12 individuals (10 males, 2 females) notified during the same period in 2007. Two of the five males reported male-to-male sexual contact as their risk factor, one male reported sexual contact with a partner from a country where HIV is transmitted predominantly by heterosexual contact. Risk exposure information was not available for two men (Table 1.2, Summary Characteristics).

Two females were from overseas and aware of their HIV status on entry to Australia. The remaining female reported sexual contact with a male from a country where HIV is transmitted predominantly by heterosexual contact (Table 1.2, Summary Characteristics).

Newly acquired infections 01/04/08 - 30/06/08

Of the five males diagnosed during the second quarter, one had acquired his infection in the preceding 12 months and reported sexual contact with anonymous male partners (sauna and/or beats and internet (Tables 1.3, 1.4).

Newly acquired cases are infections acquired in the last 12 months, and are identified by negative serology in the preceding 12 months or diagnosed seroconversion illness in the preceding 12 months.

Laboratory Screening For HIV Infection 01/04/08 - 30/06/08

During the second quarter of 2008, 22952 screening tests were performed, 9614 (42%) on males, 13438 (58%) on females (Table 1.5).

Table 1.1 HIV infection detected in South Australia, 1985 - 30/06/08. Exposure category by sex.

| Exposure category | Male | | Female | | Total | |
|---------------------------------|-------------|----|------------|----|-------------|----|
| | No. | % | No. | % | No. | % |
| Homosexual contact | 741 | 73 | na | | 741 | 66 |
| Homosexual contact/IDU | 47 | 5 | na | | 47 | 4 |
| Heterosexual contact | 35 | 3 | 36 | 31 | 71 | 6 |
| Heterosexual contact (overseas) | 57 | 6 | 42 | 33 | 99 | 9 |
| IDU | 77 | 7 | 32 | 27 | 109 | 10 |
| Blood products | 8 | 1 | 2 | 2 | 10 | 1 |
| Other | 6 | 1 | 6 | 5 | 12 | 1 |
| Unknown | 36 | 4 | 2 | 2 | 38 | 3 |
| Total | 1007 | | 120 | | 1127 | |

na not applicable

Table 1.2 HIV infection detected in South Australia, 01/04/07 - 30/06/07, 01/04/08 - 30/06/08 and year to date. Exposure category by sex.

| Exposure category | 2 nd quarter 2007 01/04/07-30/06/07 | | 2 nd quarter 2008 01/04/08-30/06/08 | | Year to date 01/01/08-30/06/08 | |
|-------------------------|---|----------|---|----------|-----------------------------------|----------|
| | Male | Female | Male | Female | Male | Female |
| Homosexual | 7 | na | 2 | na | 9 | na |
| Homosexual/IDU | - | na | - | na | - | na |
| Heterosexual | 1 | - | - | - | - | 1 |
| Heterosexual (overseas) | 1 | 2 | 1 | 3 | 1 | 4 |
| Heterosexual/IDU | 1 | - | - | - | 2 | - |
| Not stated | - | - | 2 | - | 2 | - |
| Total | 10 | 2 | 5 | 3 | 14 | 5 |

Table 1.3 HIV infection in males in South Australia, 01/04/07 - 30/06/07, 01/04/07 - 30/06/07 and year to date. Case category by age at diagnosis.

| Case category | 2 nd quarter 2007 01/04/07-30/06/07 | | | 2 nd quarter 2008 01/04/08-30/06/08 | | | Year to date 01/01/08-30/06/08 | | |
|-----------------------------------|---|----------|----------|---|----------|----------|-----------------------------------|----------|----------|
| | Age group (years) | | | Age group (years) | | | Age group (years) | | |
| | <25 | 25 - 39 | ≥40 | <25 | 25 - 39 | ≥40 | <25 | 25 - 39 | ≥40 |
| Newly acquired ¹ | 1 | 2 | - | - | - | 1 | - | 1 | 2 |
| Greater than 12 mths ² | - | 1 | 1 | - | - | 1 | - | 1 | 2 |
| Uncertain duration ³ | - | 2 | 3 | - | 1 | 2 | - | 4 | 4 |
| Known positive (oseas) | - | - | - | - | - | - | - | - | - |
| Total | 1 | 5 | 4 | - | 1 | 4 | - | 6 | 8 |

¹ Incident case - negative serology or diagnosed seroconversion illness in the preceding 12 months

² Infection likely to be greater than 12 months - risk behaviour confined to more than 12 months ago or diagnosed seroconversion illness more than 12 months ago

³ Uncertain duration- tested for the first time this year and no seroconversion illness or AIDS defining illness present.

Table 1.4 Newly acquired HIV infection (incident cases¹) 01/04/07 - 30/06/07 and year to date. Exposure category by sex.

| Exposure category | 2 nd quarter 2007 01/04/07-30/06/07 | | 2 nd quarter 2008 01/04/08-30/06/08 | | Year to date 01/01/08-30/06/08 | |
|-------------------|---|--------|---|--------|-----------------------------------|----------|
| | Male | Female | Male | Female | Male | Female |
| Homosexual | 3 | na | 1 | na | 3 | na |
| Heterosexual | - | - | - | - | - | 1 |
| Total | 3 | | 1 | | 3 | 1 |

na not applicable

1 Incident case - negative serology or diagnosed seroconversion illness in the preceding 12 months

Table 1.5 Summary of HIV antibody tests, 01/04/07 - 30/06/07 and year to date. Laboratory by sex.

| Laboratory | 2 nd quarter 2007 01/04/07-30/06/07 | | | 2 nd quarter 2008 01/04/08-30/06/08 | | | Year to date 01/01/08-30/06/08 | | |
|--------------|---|--------------|--------------|---|--------------|--------------|-----------------------------------|--------------|--------------|
| | Male | Female | Total* | Male | Female | Total* | Male | Female | Total* |
| Private | 6015 | 8060 | 15106 | 2582 | 4326 | 6808 | 5013 | 8765 | 13782 |
| Public | 2761 | 4371 | 7132 | 7032 | 9112 | 16144 | 13383 | 17543 | 31007 |
| Total | 8776 | 12431 | 22238 | 9614 | 13438 | 22952 | 18396 | 26308 | 44789 |

* Total include sex not stated

**Summary characteristics of individuals diagnosed with HIV infection in South Australia,
01/04/07 – 30/06/07, 01/04/08 – 30/06/08 and year to date.**

| Characteristics | 01/04/07-30/06/07 | | 01/04/08-30/06/08 | | 01/01/08-30/06/08 | |
|---|-------------------|----------|-------------------|----------|-------------------|----------|
| | Male | Female | Male | Female | Male | Female |
| Number Diagnosed | 10 | 2 | 5 | 3 | 14 | 5 |
| Case Category | | | | | | |
| Newly acquired | 3 | - | 1 | - | 3 | 1 |
| Unspecified | 7 | 2 | 4 | 3 | 11 | 4 |
| Likely location where infection acquired | | | | | | |
| South Australia | 6 | - | 3 | - | 10 | 1 |
| Interstate | 2 | - | - | - | - | - |
| Overseas | 2 | 2 | 1 | 3 | 3 | 4 |
| Not stated | - | - | 1 | - | 1 | - |
| Notification source | | | | | | |
| Clinic 275 | 3 | - | 1 | 2 | 5 | 3 |
| Public Hospital | 3 | 2 | 3 | - | 3 | 1 |
| Metropolitan GP | 4 | - | 1 | 1 | 5 | 1 |
| Country GP | - | - | - | - | - | - |
| Health Service Australia | - | - | - | - | 1 | - |
| Other | - | - | - | - | - | - |
| Sexual identity | | | | | | |
| Homosexual | 6 | - | 3 | - | 7 | - |
| Bisexual | 1 | - | - | - | 2 | - |
| Heterosexual | 2 | - | 2 | - | 4 | 1 |
| Heterosexual (overseas) | 1 | 2 | - | 3 | 1 | 4 |
| Not stated | - | - | - | - | - | - |
| Age | | | | | | |
| 15-19 | - | - | - | - | - | - |
| 20-24 | 1 | - | - | - | - | - |
| 25-29 | 1 | - | - | 1 | 2 | 1 |
| 30-34 | - | 2 | - | 1 | 2 | 2 |
| 35-39 | 4 | - | 1 | - | 2 | - |
| 40-44 | - | - | - | - | 1 | - |
| 45-49 | 2 | - | - | - | 1 | 1 |
| 50+ | 2 | - | 4 | 1 | 6 | 1 |
| Race | | | | | | |
| Caucasian | 9 | - | 4 | 2 | 12 | 3 |
| Aboriginal | - | - | - | - | - | 1 |
| Asian | - | 1 | - | - | 1 | 1 |
| African | 1 | 1 | - | 1 | - | - |
| Other | - | - | 1 | - | 1 | - |
| Testing History | | | | | | |
| Less than 12 months | 3 | - | 1 | - | 3 | - |
| Sero-conversion illness | - | 1 | - | - | - | 1 |
| Greater than 12 months | 2 | - | 1 | - | 3 | - |
| Never tested | 5 | - | 3 | 1 | 8 | 2 |
| Known positive for overseas | - | 1 | - | 2 | - | 2 |
| CD4 count at diagnosis | | | | | | |
| Less than 50 | 2 | - | 1 | - | 1 | - |
| 51 - 200 | 1 | - | 2 | - | - | - |
| 201 - 500 | 5 | 2 | 1 | 3 | 9 | 3 |
| Greater than 500 | 2 | - | 1 | - | 4 | 2 |
| Exposure category | | | | | | |
| Homosexual | 7 | na | 2 | na | 9 | na |
| Homosexual/IDU | - | na | - | na | - | na |
| Heterosexual | 1 | - | - | - | - | 1 |
| Heterosexual overseas partners | 1 | 2 | 1 | 2 | 1 | 3 |
| Overseas unknown risk exposure | - | - | - | 1 | - | 1 |
| Heterosexual/IDU | 1 | - | - | - | 2 | - |
| Unknown/not stated | - | - | 2 | - | 2 | - |

GENITAL CHLAMYDIAL INFECTION IN SOUTH AUSTRALIA

Genital Chlamydial Infection 01/04/08 - 30/06/08

Between 1 April and 30 June 2008, medical practitioners notified 987 cases of chlamydial infection to STD Services and increase of 38 cases compared to the same period in 2007 . Of those notified, 390 (40%) occurred in males and 597 (60%) in females (Table 2.1, Summary characteristics).

Males and females aged less than 30 years accounted for 295 (76%) and 520 (87%) of cases of genital chlamydial infection, respectively (Table 2.1, Summary characteristics).

The racial origin of 101 cases (10%) was reported as being Aboriginal. These figures include the annual Aboriginal Homelands testing which was conducted between 14th April and 30th May 2008. Those reported as Caucasian accounted for 805 (82%) of notifications (Table 2.2, Summary characteristics).

Chlamydial infection was reported as being acquired in South Australia for 916 of cases (93%) (Summary characteristics).

In the second quarter of 2008, laboratories reported 17681 tests for Chlamydia (Table 2.3). Thirty two percent of tests were performed on males and (68%) on females. Laboratory figures for this quarter show an increase of 1604 (9%) in testing, compared with laboratory tests for the same period in 2007.

Table 2.1 Genital Chlamydial infection in South Australia, 01/04/07- 30/06/07, 01/04/08 - 30/06/08 and year to date. Age group by sex.

| Age group | 2nd quarter 01/04/07-30/06/07 | | 2nd quarter 01/04/08-30/06/08 | | Year to date 01/01/08-30/06/08 | | | |
|--------------|----------------------------------|--------------|----------------------------------|--------------|-----------------------------------|--------------|-------------|----|
| | Male No | Female No | Male No | Female No | Male No | Female No | Total No | % |
| <15 | 1 | 2 | - | 8 | - | 13 | 13 | 1 |
| 15 – 19 | 48 | 176 | 54 | 188 | 107 | 328 | 435 | 23 |
| 20 – 24 | 165 | 226 | 142 | 241 | 287 | 462 | 749 | 39 |
| 25 – 29 | 84 | 76 | 99 | 83 | 196 | 180 | 376 | 20 |
| 30 – 34 | 32 | 49 | 33 | 28 | 64 | 79 | 143 | 7 |
| 35 – 39 | 23 | 22 | 24 | 28 | 47 | 56 | 103 | 5 |
| ≥40 | 26 | 19 | 38 | 20 | 57 | 34 | 91 | 5 |
| Unknown | - | - | - | 1 | - | 1 | 1 | <1 |
| Total | 379 | 570 | 390 | 597 | 758 | 1153 | 1911 | |

**Table 2.2 Genital Chlamydial infection in South Australia,
01/04/07- 30/06/07, 01/04/08 - 30/06/08 and year to date.
Race by sex.**

| Racial origin | 2nd quarter 01/04/07-30/06/07 | | 2nd quarter 01/04/08-30/06/08 | | Year to date 01/01/08-30/06/08 | | | |
|---------------|----------------------------------|--------------|----------------------------------|--------------|-----------------------------------|--------------|-------------|-----|
| | Male No | Female No | Male No | Female No | Male No | Female No | Total No | % |
| | Aboriginal | 42 | 72 | 36 | 65 | 50 | 90 | 140 |
| Asian | 17 | 23 | 13 | 37 | 27 | 76 | 103 | 5 |
| African | n/a | n/a | 6 | 3 | 12 | 8 | 20 | 1 |
| Caucasian | 304 | 452 | 322 | 483 | 647 | 956 | 1603 | 84 |
| Other | 16 | 23 | 13 | 9 | 22 | 23 | 45 | 3 |
| Total | 379 | 570 | 390 | 597 | 758 | 1153 | 1911 | |

**Table 2.3 Summary of laboratory tests for Genital Chlamydia,
01/04/07- 30/06/07, 01/04/08 - 30/06/08 and year to date.
Laboratory category by sex.**

| Laboratory | 2nd quarter 01/04/07-30/06/07 | | | 2nd quarter 01/04/08-30/06/08 | | | Year to date 01/01/08-30/06/08 | | |
|--------------|----------------------------------|--------------|--------------|----------------------------------|--------------|--------------|-----------------------------------|--------------|--------------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Private | 1162 | 3275 | 4437 | 1314 | 3853 | 5167 | 2493 | 7185 | 9678 |
| Public | 4201 | 7439 | 11640 | 4412 | 8102 | 12514 | 7767 | 15033 | 22800 |
| Total | 5363 | 10714 | 16077 | 5726 | 11955 | 17681 | 10260 | 22218 | 32478 |

Summary characteristics of individuals diagnosed with genital chlamydial infection in South Australia, 01/04/07- 30/06/07 and 01/04/08 - 30/06/08.

| Characteristics | 01/04/07-30/06/07 | | | | | | 01/04/08-30/06/08 | | | | | |
|---|-------------------|-----------|------------|-----------|------------|----|-------------------|-----------|------------|-----------|------------|----|
| | Male | | Female | | Total | | Male | | Female | | Total | |
| | No | % | No | % | No | % | No | % | No | % | No | % |
| Number Diagnosed | 379 | 40 | 570 | 60 | 949 | | 390 | 40 | 597 | 60 | 987 | |
| Symptomatic | | | | | | | | | | | | |
| Yes | 153 | 40 | 165 | 29 | 318 | 34 | 165 | 42 | 141 | 24 | 306 | 31 |
| No | 226 | 60 | 405 | 71 | 631 | 66 | 225 | 58 | 456 | 76 | 681 | 69 |
| Specimen site | | | | | | | | | | | | |
| Cervix | - | - | 249 | 44 | 249 | 26 | - | - | 200 | 34 | 200 | 20 |
| Urethra | 30 | 8 | - | - | 30 | 3 | 30 | 8 | - | - | 30 | 3 |
| Vagina | - | - | 102 | 18 | 102 | 11 | - | - | 97 | 16 | 97 | 10 |
| Urine | 349 | 92 | 218 | 38 | 567 | 60 | 360 | 92 | 300 | 50 | 660 | 67 |
| Other | - | - | 1 | <1 | 1 | <1 | - | - | - | - | - | - |
| Likely location where infection acquired | | | | | | | | | | | | |
| South Australia | 343 | 91 | 541 | 95 | 884 | 93 | 342 | 88 | 574 | 96 | 916 | 93 |
| Interstate | 20 | 5 | 13 | 2 | 33 | 3 | 18 | 4 | 16 | 3 | 34 | 3 |
| Overseas | 16 | 4 | 16 | 3 | 32 | 3 | 30 | 8 | 7 | 1 | 37 | 4 |
| Notification source | | | | | | | | | | | | |
| Clinic 275 | 84 | 22 | 75 | 13 | 159 | 17 | 92 | 24 | 42 | 7 | 134 | 14 |
| Public Hospital | 3 | <1 | 36 | 6 | 123 | 29 | 7 | 2 | 38 | 6 | 45 | 5 |
| Metropolitan GP | 188 | 50 | 280 | 49 | 468 | 49 | 210 | 53 | 327 | 55 | 537 | 54 |
| Country GP | 46 | 12 | 82 | 14 | 128 | 13 | 39 | 10 | 82 | 14 | 121 | 12 |
| Aboriginal health services | 33 | 9 | 51 | 9 | 84 | 9 | 26 | 7 | 35 | 6 | 61 | 6 |
| Community health services | 12 | 3 | 27 | 5 | 39 | 4 | 4 | 1 | 50 | 5 | 54 | 5 |
| Other | 13 | 3 | 19 | 3 | 32 | 3 | 12 | 3 | 23 | 8 | 35 | 4 |
| Sexual identity | | | | | | | | | | | | |
| Heterosexual | 361 | 95 | 562 | 99 | 923 | 97 | 367 | 95 | 590 | 99 | 943 | 97 |
| Homosexual | 18 | 5 | 8 | 1 | 26 | 3 | 19 | 5 | 4 | 1 | 23 | 2 |
| Bisexual | n/a | | n/a | | n/a | | 1 | | 2 | | 3 | |
| Not stated | | | | | | | 3 | | 1 | | 4 | |
| Age | | | | | | | | | | | | |
| <15 | 1 | <1 | 2 | <1 | 3 | <1 | - | - | 8 | 1 | 8 | 1 |
| 15-19 | 48 | 13 | 176 | 31 | 224 | 24 | 54 | 14 | 188 | 32 | 242 | 25 |
| 20-24 | 317 | 43 | 459 | 40 | 776 | 41 | 142 | 36 | 241 | 40 | 383 | 39 |
| 25-29 | 167 | 23 | 156 | 14 | 323 | 17 | 99 | 26 | 83 | 14 | 182 | 18 |
| 30-34 | 69 | 9 | 87 | 8 | 156 | 8 | 33 | 8 | 28 | 5 | 61 | 6 |
| 35-39 | 38 | 5 | 39 | 3 | 77 | 4 | 24 | 6 | 28 | 5 | 52 | 5 |
| 40+ | 53 | 7 | 40 | 4 | 93 | 5 | 38 | 10 | 20 | 3 | 58 | 6 |
| Not stated | | | | | | | | | 1 | | 1 | |
| Mean age at diagnosis (years) | 27 | | 24 | | 25 | | 27 | | 27 | | 26 | |
| Race | | | | | | | | | | | | |
| Caucasian | 304 | 80 | 452 | 79 | 756 | 80 | 322 | 82 | 483 | 81 | 805 | 82 |
| Aboriginal | 42 | 11 | 72 | 13 | 114 | 12 | 36 | 9 | 65 | 11 | 101 | 10 |
| Asian | 17 | 4 | 23 | 4 | 40 | 4 | 13 | 3 | 37 | 6 | 50 | 5 |
| African | n/a | | n/a | | n/a | | 6 | 2 | 3 | 1 | 9 | 1 |
| Other | 15 | 4 | 20 | 4 | 35 | 4 | 6 | 2 | 1 | <1 | 7 | 1 |
| Not stated | 1 | <1 | 3 | 1 | 4 | <1 | 7 | 1 | 8 | 1 | 15 | 1 |
| Marital Status | | | | | | | | | | | | |
| Never married | 301 | 79 | 415 | 73 | 716 | 75 | 301 | 77 | 452 | 76 | 753 | 76 |
| Married/defacto | 59 | 16 | 117 | 21 | 176 | 19 | 62 | 16 | 109 | 18 | 107 | 17 |
| Widowed/divorced/separated | 19 | 5 | 35 | 6 | 54 | 6 | 22 | 6 | 29 | 5 | 51 | 5 |
| Not stated | - | - | 3 | 1 | 3 | <1 | 5 | 1 | 7 | 1 | 12 | 1 |
| Currently employed | | | | | | | | | | | | |
| Yes | 272 | 72 | 322 | 56 | 594 | 63 | 285 | 73 | 335 | 56 | 620 | 63 |
| No | 102 | 27 | 236 | 41 | 338 | 36 | 87 | 22 | 236 | 39 | 323 | 33 |
| Sex worker | 3 | 1 | 5 | 1 | 7 | 1 | - | - | 3 | 1 | 3 | <1 |
| Not stated | 3 | 1 | 7 | 2 | 10 | 1 | 18 | 5 | 23 | 4 | 41 | 4 |
| Investigation status | | | | | | | | | | | | |
| Not interviewed | 33 | 9 | 49 | 9 | 82 | 9 | 41 | 11 | 71 | 12 | 112 | 12 |
| Interviewed (C275) | 70 | 18 | 63 | 11 | 133 | 14 | 72 | 19 | 34 | 6 | 106 | 11 |
| Telephone interview | 148 | 39 | 253 | 44 | 401 | 42 | 142 | 36 | 253 | 43 | 395 | 40 |
| Interviewed – no SA contacts | 2 | 1 | 2 | <1 | 4 | <1 | 18 | 5 | 14 | 2 | 32 | 3 |
| Doctor to follow-up | 126 | 33 | 203 | 36 | 329 | 35 | 117 | 29 | 225 | 36 | 342 | 34 |

n/a = not available

GONOCOCCAL INFECTION IN SOUTH AUSTRALIA

Gonococcal Infection 01/04/08 - 30/06/08

Between 1st April and 30th June 2008, 175 cases of gonococcal infection were notified to STD Services, a decrease of nine cases compared to the same period in 2007. Of these 108 (62%) occurred in males, and 67 (38%) in females (Summary characteristics).

There has been an increase in the number of cases notified by clinic 275 during the second quarter in 2008, 42 cases (24%) compared to 17 cases (9%) in the same period in 2007; metropolitan general practitioners notified 48 cases (28%) compared to 38 cases (20%) for the same period in 2007. There was a decrease in cases reported by rural Aboriginal health services in the second quarter of 2008, 61 cases (35%) in comparison to 114 cases (62%) during the same period in 2007 (Summary characteristics).

Gonococcal infection occurred in a wide age range. However, the majority of cases presented in those aged 20-29 years, with 61 (33%) occurring in males and 36 (37%) in females (Table 4.1, Summary characteristics).

Racial origin was reported as Aboriginal for 67 (39%) cases, compared to 124 (67%) for the same period in 2007. These figures include the Aboriginal Homelands annual screening that was conducted between 14th April and 30th May 2008.

Those notified as Caucasian accounted for 103 (59%) of cases for this quarter, compared to only 56 (30%) cases for the same period in 2007 (Summary characteristics, Table 4.2). The majority of individuals acquired their infection in South Australia (Table 4.3).

Of the 108 male cases, nine (8%) reported male to male sexual contact, compared with 18 (17%) in the second quarter of 2007.

Sex worker accounted for four (2%) cases during this quarter, compared to one case (1%) for the same period in 2007.

Table 4.1 Gonococcal infection detected in South Australia, 01/04/07- 30/06/07, 01/04/08 - 30/06/08 and year to date. Age group by sex.

| Age group | 2nd quarter 2007 01/04/07-30/06/07 | | | 2nd quarter 2008 01/04/08-30/06/08 | | | Year to date 01/01/08-30/06/08 | | |
|--------------|---------------------------------------|-----------|------------|---------------------------------------|-----------|------------|-----------------------------------|-----------|------------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| ≤15-19 | 21 | 26 | 47 | 10 | 21 | 31 | 18 | 27 | 45 |
| 20-24 | 30 | 14 | 44 | 16 | 14 | 30 | 27 | 23 | 50 |
| 25-29 | 17 | 14 | 31 | 21 | 6 | 27 | 34 | 13 | 47 |
| 30-34 | 13 | 9 | 22 | 16 | 6 | 22 | 26 | 12 | 38 |
| 35-39 | 9 | 7 | 16 | 15 | 11 | 25 | 23 | 13 | 36 |
| ≥ 40 | 19 | 5 | 24 | 30 | 9 | 39 | 59 | 10 | 69 |
| Total | 109 | 75 | 184 | 108 | 67 | 175 | 187 | 98 | 285 |

Table 4.2 Gonococcal infection detected in South Australia, 01/04/07- 30/06/07, 01/04/08 - 30/06/08 and year to date. Race by sex.

| Racial origin | 2nd quarter 2007 01/04/07-30/06/07 | | | 2nd quarter 2008 01/04/08-30/06/08 | | | Year to date 01/01/08-30/06/08 | | |
|---------------|---------------------------------------|-----------|------------|---------------------------------------|-----------|------------|-----------------------------------|-----------|------------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Aboriginal | 62 | 62 | 124 | 36 | 31 | 67 | 46 | 45 | 91 |
| Asian | 2 | 1 | 3 | 1 | - | 1 | 2 | 1 | 3 |
| Caucasian | 45 | 12 | 57 | 69 | 35 | 104 | 134 | 51 | 185 |
| African | n/a | n/a | n/a | 2 | - | 2 | 3 | - | 3 |
| Other | 1 | - | 1 | - | 1 | 1 | 2 | 1 | 3 |
| Total | 110 | 75 | 184 | 108 | 67 | 175 | 187 | 98 | 285 |

Table 4.3 Gonococcal infection detected in South Australia, 01/04/07- 30/06/07, 01/04/08 - 30/06/08 and year to date. Likely location of acquisition of infection by sex.

| Location | 2nd quarter 2007 01/04/07-30/06/07 | | | 2nd quarter 2008 01/04/08-30/06/08 | | | Year to date 01/01/08-30/06/08 | | |
|-----------------|---------------------------------------|-----------|------------|---------------------------------------|-----------|------------|-----------------------------------|-----------|------------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| South Australia | 94 | 73 | 167 | 97 | 63 | 160 | 163 | 92 | 255 |
| Interstate | 6 | 2 | 8 | 6 | 3 | 9 | 12 | 4 | 16 |
| Overseas | 10 | - | 10 | 5 | 1 | 6 | 12 | 2 | 14 |
| Total | 110 | 75 | 185 | 108 | 67 | 175 | 187 | 98 | 285 |

Table 4.4 Gonococcal infection detected in homosexual men in South Australia, 01/04/07- 30/06/07, 01/04/08 - 30/06/08 and year to date. Site of infection.

| Site | 2nd quarter 2007 | 2nd quarter 2008 | Year to date |
|--------------------------|-------------------|-------------------|-------------------|
| | 01/04/07-30/06/07 | 01/04/08-30/06/08 | 01/01/08-30/06/08 |
| Urethral | 9 | 2 | 7 |
| Rectal | 6 | 3 | 10 |
| Pharyngeal | 1 | 3 | 9 |
| Urine | 1 | 1 | 2 |
| Other | 1 | - | - |
| Total | 18 | 9 | 28 |
| Total males in SA | 110 | 108 | 187 |

**Summary characteristics of individuals diagnosed with gonorrhoea infection in South Australia,
01/04/2007- 30/06/2007 and 01/04/2008 - 30/06/2008.**

| Characteristics | 01/04/07-30/06/07 | | | | | | 01/04/08-30/06/08 | | | | | |
|---|-------------------|-----------|--------------|-----------|--------------|-----|-------------------|-----------|--------------|-----------|--------------|----|
| | Male | | Female | | Total | | Male | | Female | | Total | |
| | No | % | No | % | No | % | No | % | No | % | No | % |
| Number Diagnosed | 110 | 59 | 75 | 41 | 185 | | 108 | 62 | 67 | 38 | 175 | |
| Symptomatic | | | | | | | | | | | | |
| Yes | 52 | 48 | 22 | 29 | 74 | 40 | 71 | 66 | 25 | 36 | 96 | 55 |
| No | 58 | 52 | 53 | 71 | 111 | 60 | 37 | 34 | 42 | 64 | 79 | 45 |
| Specimen site | | | | | | | | | | | | |
| Cervix | - | | 11 | 15 | 11 | 6 | - | | 12 | 18 | 12 | 7 |
| Urethra | 35 | 32 | - | | 35 | 19 | 50 | 46 | - | | 51 | 29 |
| Vagina | - | | 48 | 64 | 48 | 26 | - | | 39 | 59 | 39 | 22 |
| Urine | 67 | 61 | 16 | 21 | 83 | 45 | 45 | 42 | 9 | 14 | 54 | 31 |
| Rectum | 6 | 6 | - | | 6 | 3 | 4 | 4 | 1 | 2 | 5 | 3 |
| Pharynx | 1 | 1 | - | | 1 | 1 | 9 | 8 | 6 | 9 | 15 | 8 |
| Other | 1 | 1 | - | | 1 | 1 | - | | - | | - | |
| Likely location where infection acquired | | | | | | | | | | | | |
| South Australia | 94 | 86 | 73 | 97 | 167 | 91 | 97 | 90 | 63 | 94 | 160 | 91 |
| Interstate | 6 | 5 | 2 | 3 | 8 | 4 | 6 | 6 | 3 | 5 | 9 | 5 |
| Overseas | 10 | 9 | - | | 10 | 5 | 5 | 5 | 1 | 2 | 6 | 3 |
| Notification source | | | | | | | | | | | | |
| Clinic 275 | 15 | 14 | 2 | 3 | 17 | 9 | 28 | 26 | 15 | 21 | 43 | 24 |
| Public Hospital | 2 | 2 | 5 | 7 | 7 | 4 | 5 | 5 | 6 | 9 | 11 | 6 |
| Metropolitan GP | 29 | 26 | 9 | 12 | 38 | 20 | 35 | 32 | 13 | 20 | 48 | 28 |
| Country GP | 3 | 3 | 2 | 3 | 5 | 3 | 7 | 6 | 4 | 6 | 11 | 6 |
| Rural Aboriginal health services | 59 | 54 | 55 | 73 | 114 | 62 | 33 | 31 | 28 | 41 | 61 | 35 |
| Other | 2 | 2 | 2 | 3 | 4 | 2 | - | | 1 | 2 | 1 | 1 |
| Sexual identity/source | | | | | | | | | | | | |
| Heterosexual | 92 | 83 | 75 | 100 | 167 | 90 | 99 | 92 | 66 | 89 | 165 | 94 |
| Homosexual | 18 | 17 | - | | 18 | 10 | 9 | 8 | - | | 9 | 5 |
| Bisexual | - | | - | | - | | - | | 1 | 2 | 1 | 1 |
| Age | | | | | | | | | | | | |
| <15 | - | | - | | - | | 2 | 2 | 1 | 2 | 3 | 2 |
| 15-19 | 21 | 19 | 26 | 35 | 47 | 26 | 8 | 7 | 20 | 30 | 28 | 16 |
| 20-24 | 31 | 28 | 14 | 19 | 45 | 24 | 16 | 15 | 14 | 21 | 30 | 17 |
| 25-29 | 17 | 16 | 14 | 19 | 31 | 17 | 21 | 19 | 6 | 9 | 27 | 16 |
| 30-34 | 13 | 12 | 9 | 12 | 22 | 12 | 16 | 15 | 6 | 9 | 22 | 13 |
| 35-39 | 9 | 8 | 7 | 9 | 16 | 9 | 15 | 14 | 11 | 15 | 26 | 14 |
| 40+ | 19 | 17 | 5 | 7 | 24 | 13 | 30 | 28 | 9 | 14 | 39 | 22 |
| Mean age at diagnosis (years) | 29 | | 26 | | 28 | | 34 | | 28 | | 32 | |
| Age range (years) | 16-59 | | 16-52 | | 16-59 | | 13-72 | | 14-69 | | 14-72 | |
| Race | | | | | | | | | | | | |
| Caucasian | 45 | 40 | 12 | 16 | 57 | 30 | 69 | 64 | 35 | 52 | 104 | 59 |
| Aboriginal | 62 | 57 | 62 | 83 | 124 | 67 | 36 | 33 | 31 | 47 | 67 | 39 |
| Asian | 2 | 2 | 1 | 1 | 3 | 2 | 1 | 1 | - | | 1 | 1 |
| African** | N/A | N/A | N/A | N/A | N/A | N/A | 2 | 2 | - | | 2 | 1 |
| Other | 1 | 1 | - | | 1 | 1 | - | | 1 | 2 | 1 | 1 |
| Not stated | - | | - | | - | | - | | - | | - | |
| Marital Status | | | | | | | | | | | | |
| Never married | 61 | 55 | 33 | 44 | 94 | 51 | 65 | 60 | 30 | 45 | 95 | 56 |
| Married/defacto | 42 | 39 | 40 | 53 | 82 | 45 | 30 | 28 | 27 | 41 | 57 | 33 |
| Widowed/divorced/separated | 7 | 6 | 2 | 3 | 9 | 5 | 10 | 9 | 8 | 11 | 18 | 10 |
| Not stated | - | | - | | - | | 3 | 3 | 2 | 3 | 5 | 3 |
| Currently employed | | | | | | | | | | | | |
| Yes | 39 | 35 | 8 | 11 | 47 | 25 | 55 | 51 | 17 | 24 | 72 | 41 |
| No | 71 | 65 | 66 | 88 | 137 | 74 | 51 | 47 | 44 | 67 | 95 | 55 |
| Sex worker | - | | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 5 | 4 | 2 |
| Not stated | - | | - | | - | | 1 | 1 | 3 | 5 | 4 | 2 |
| Investigation status | | | | | | | | | | | | |
| Not interviewed | 6 | 6 | 3 | 4 | 9 | 5 | 12 | 11 | 11 | 17 | 23 | 13 |
| Interviewed (C275) | 13 | 12 | 2 | 3 | 15 | 8 | 26 | 24 | 8 | 12 | 34 | 20 |
| Telephone interview | 21 | 19 | 7 | 9 | 28 | 15 | 21 | 19 | 9 | 14 | 30 | 18 |
| Interviewed – no SA contacts | - | | - | | - | | 4 | 4 | - | | 4 | 2 |
| Doctor to follow-up | 70 | 63 | 63 | 84 | 133 | 72 | 45 | 42 | 39 | 58 | 84 | 48 |

na = not applicable **N/A = not available

CLINIC 275 ACTIVITY REPORT

Unavailable for this quarter