Government of **Western Australia**
Department of **Health**

The Epidemiology of Notifiable Sexually Transmitted Infections and Blood-Borne Viruses in Western Australia 2024 – Appendix

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Abbreviations

ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
ASR(s)	Age-standardised notification rate(s) per 100,000 population
AUS (Total)	Australia
BBV(s)	Blood-borne virus(es)
DoH	Department of Health Western Australia
IDC(s)	Immigration detention centre(s)
NNDSS	National Notifiable Diseases Surveillance System
NSW	New South Wales
NT	Northern Territory
PHU	Public Health Unit
QLD	Queensland
SA	South Australia
STI(s)	Sexually transmitted infection(s)
TAS	Tasmania
VIC	Victoria
WA	Western Australia
WANIDD	Western Australian Notifiable Infectious Diseases Database

Terminology used in Tables/Figures

Age-specific rate	Notification rate for a specified age group. Both numerator and denominator refer to the same age group. Expressed per 100,000 persons in that age group
Age-standardised rate (ASR)	Notification rate adjusted to take account of differences in age composition when rates for different populations are compared. Expressed per 100,000 population
Crude rate	Calculated by dividing the number of notifications by the population. Not adjusted for age or other factors. Expressed per 100,000 population
Infectious syphilis	Primary syphilis + secondary syphilis + early latent (less than two years duration)
N/A	Not applicable
Non-infectious syphilis	Syphilis infection of more than two years or unknown duration
Notification rate	See crude rate and age-standardised rate
Number	Number of notifications reported to the DoH/state and territory health authorities
Rate ratio (Aboriginal:non-Aboriginal)	Aboriginal to non-Aboriginal rate ratio = ASR (Aboriginal) / ASR (non-Aboriginal)
Rate ratio (Male:Female)	Male to female rate ratio = ASR (male) / ASR (female)
Total hepatitis B notifications	Newly acquired hepatitis B + unspecified hepatitis B
Total hepatitis C notifications	Newly acquired hepatitis C + unspecified hepatitis C
Total syphilis notifications	Infectious syphilis + non-infectious syphilis

1 Introduction and methods

This report describes the epidemiology of notifiable sexually transmitted infections (STIs) and blood-borne viruses (BBVs) in Western Australia (WA) for 2024, and trends over the ten-year period from 2015 to 2024.

Data presented in this report relate to notification and testing data received by the Department of Health, WA (DoH) and are likely to underestimate the true incidence of disease. These data nevertheless represent the most comprehensive information about these infections for public health surveillance in WA.

1.1 Data sources

1.1.1 Notification data

In WA, doctors, nurse practitioners and pathology laboratories notify specified infectious diseases to the DoH as mandated by the *Public Health Act 2016*.

All disease notification data except for HIV/AIDS are stored in the Western Australian Notifiable Infectious Diseases Database (WANIDD). HIV/AIDS notifications are stored in the WA HIV/AIDS Database. Notification data on STIs and BBVs (including HIV/AIDS) were extracted from the relevant databases for the ten-year period from 2015 to 2024. National data from the National Notifiable Diseases Surveillance System (NNDSS) maintained by the Australian Government Department of Health were also used in this report.

Since 2004, WA has used the Australian National Notifiable Diseases Case Definitions[1]. For this report, an HIV case is defined as a person who lives in WA and has been diagnosed for the first time (newly diagnosed) in Australia with an HIV infection, with or without AIDS. For other reported infections, notification figures include notifications from non-WA residents where their infection is diagnosed in WA. For acute infections such as chlamydia, gonorrhoea, infectious syphilis, donovanosis, chancroid, newly acquired hepatitis B and newly acquired hepatitis C, notification data were analysed on the basis of the earliest available date reflecting the date of onset of infection (‘optimal date of onset’ in WANIDD). Long-term and/or chronic infections such as non-infectious syphilis and HIV were analysed by date of receipt of notification. Unspecified hepatitis B and unspecified hepatitis C notifications have been analysed by specimen date as a batch of retrospective notifications were received in March 2021.

Notifications from Christmas Island, Curtin, Leonora, Perth and Yongah Hill Immigration Detention Centres (IDCs) have been excluded from most analyses in this report because of potential bias introduced through the inclusion of cases detected by screening of asylum seekers at these locations. As it is not possible to identify testing data from these locations, analyses of testing rate and test positivity by age group include notifications from these locations to ensure numerator and denominator data are equivalent.

For gonorrhoea, infectious syphilis, HIV/AIDS, hepatitis B and hepatitis C, additional epidemiological and risk behaviour information is collected subsequent to the original notification using enhanced surveillance forms specific for each disease. Public health staff coordinate collection of these enhanced surveillance data and contact doctors, laboratories and/or patients, as appropriate. These additional data add value to, and complement, the notification data reported by the laboratories or by doctors using the standard infectious disease notification form.

Both WA and national surveillance data extracted for this report may have been revised since the time of extraction. Subsequent minor changes to the data would not substantially affect the overall trends and patterns.

1.1.2 Testing data

Since 2009, the DoH has received testing data for STIs and BBVs in WA from the majority of pathology laboratories servicing the state. On average, 67% of STI and BBV notifications in WA between 2015 and 2024 were from these laboratories. It is assumed that this reflects the proportion of STI and BBV tests undertaken in these laboratories.

One laboratory that did not contribute testing data is a significant service provider in the Perth metropolitan and South West regions, resulting in an underestimation of the number of tests and therefore testing rates in WA. There are insufficient data to quantify the magnitude of this underestimation; however, absence of these data is unlikely to affect the trends in test numbers and testing rates over time.

The participating laboratories provide de-identified aggregated data on a quarterly basis. Data includes age at time of testing, sex, region of residence and disease for which the test was conducted. Information on the patient's Aboriginality or result of the test is not provided. The STI and BBV tests referred to in this report include nucleic acid tests for chlamydia and gonorrhoea, culture tests for gonorrhoea, and serological tests for syphilis, hepatitis B, hepatitis C and HIV.

Tests from Christmas Island, Curtin, Leonora, Perth and Yongah Hill IDCs have been included in this report as tests conducted at these locations cannot be identified from the aggregated data provided by the laboratories.

Analyses of rates of testing, notification and positivity for each STI and BBV by sex, age group, year and Public Health Unit (PHU) in WA from 2015 to 2024 will be made available in a separate report.

1.2 Data collection by Aboriginality

Within Western Australia, the term Aboriginal is used in preference to Aboriginal and Torres Strait Islander, in recognition that Aboriginal people are the original inhabitants of Western Australia. Aboriginal and Torres Strait Islander may be referred to in the national context and Indigenous may be referred to in the international context. No disrespect is intended to our Torres Strait Islander colleagues and community[2].

In WA, there is considerable mobility of Aboriginal people, both within WA and across the Northern Territory (NT) and South Australia (SA) borders, which means that some Aboriginal people will be patients of more than one health service. Due to the small size of the Aboriginal population in WA (approximately 4.0% of the total population in 2024[3]), inaccuracies in the population estimates of Aboriginal people can have a disproportionate impact on calculated rates. In the preparation of this report, these factors are acknowledged as limitations.

Aboriginal people in WA continue to be impacted by systemic barriers to healthcare, the historical context of colonisation, and ongoing experiences of discrimination and racism. Access to prevention, testing, and treatment services is further limited by factors such as the lack of culturally safe care, concerns around privacy and confidentiality, stigma, and the over-representation of Aboriginal people in custodial settings. These structural inequities

contribute to disproportionate health outcomes and increased exposure to risk factors for BBVs and STIs.

This report presents data on persistent and emerging health issues affecting Aboriginal people in WA. It supports culturally safe public health approaches grounded in empowerment, community ownership, co-design, and partnership, recognising the vital role of cultural determinants in strengthening Aboriginal health and wellbeing.

1.3 Regional boundaries

WA is divided into ten health administrative regions as shown in Appendix Table 1. Three of the regions are in the Perth metropolitan area (East, North and South) and seven are in the regional areas (Kimberley, Pilbara, Midwest, Wheatbelt, Goldfields, South West and Great Southern). Within each region, there is a PHU responsible for its public health activities, which include follow-up of notifiable infectious disease cases where indicated. Notification and testing data were analysed by PHU regions.

For the purposes of this report, the three metropolitan PHUs have been combined into one ‘metropolitan’ region.

1.4 Calculation of rates

Crude rates demonstrate the proportion of the population notified or tested. Crude notification rates were calculated by dividing the number of notifications of infections within the relevant population by the total number of people within that population and were expressed per 100,000 population. Crude testing rates were calculated by dividing the number of tests conducted on people within the relevant population by the total number of people within that population and were expressed per 1,000 population.

Age-standardisation was utilised to control differences in the size and age structure of various populations. Age-standardised rates (ASRs) were expressed per 100,000 population for notification data (‘notification rate’).

Age-specific rates for notification and testing data were based on five-year age groups or ages grouped as ‘less than 15 years’, ‘15 to 24 years’, and ‘25 years or older’. Age-specific rates were calculated by dividing the number of notifications or tests by the population in the corresponding age group. Age-specific notification rates were expressed per 100,000 population and age-specific testing rates were expressed per 1,000 population.

‘Test positivity rate’ was calculated by dividing the number of positive test results (i.e. statutory notifications) from laboratories providing testing data by the number of tests conducted by these laboratories. The ‘test positivity rate’ was expressed as a percentage or per 1,000 tests.

The population denominators for WA used in this report were sourced from the Western Australia Population Data Dashboard produced by the Epidemiology Branch of the DoH, which is based on Australian Bureau of Statistics (ABS) data. It should be noted that small numbers of notifications or tests give unstable and imprecise notification and testing rates.

Table 1 Population health regions for notification purposes by postcode, 2024

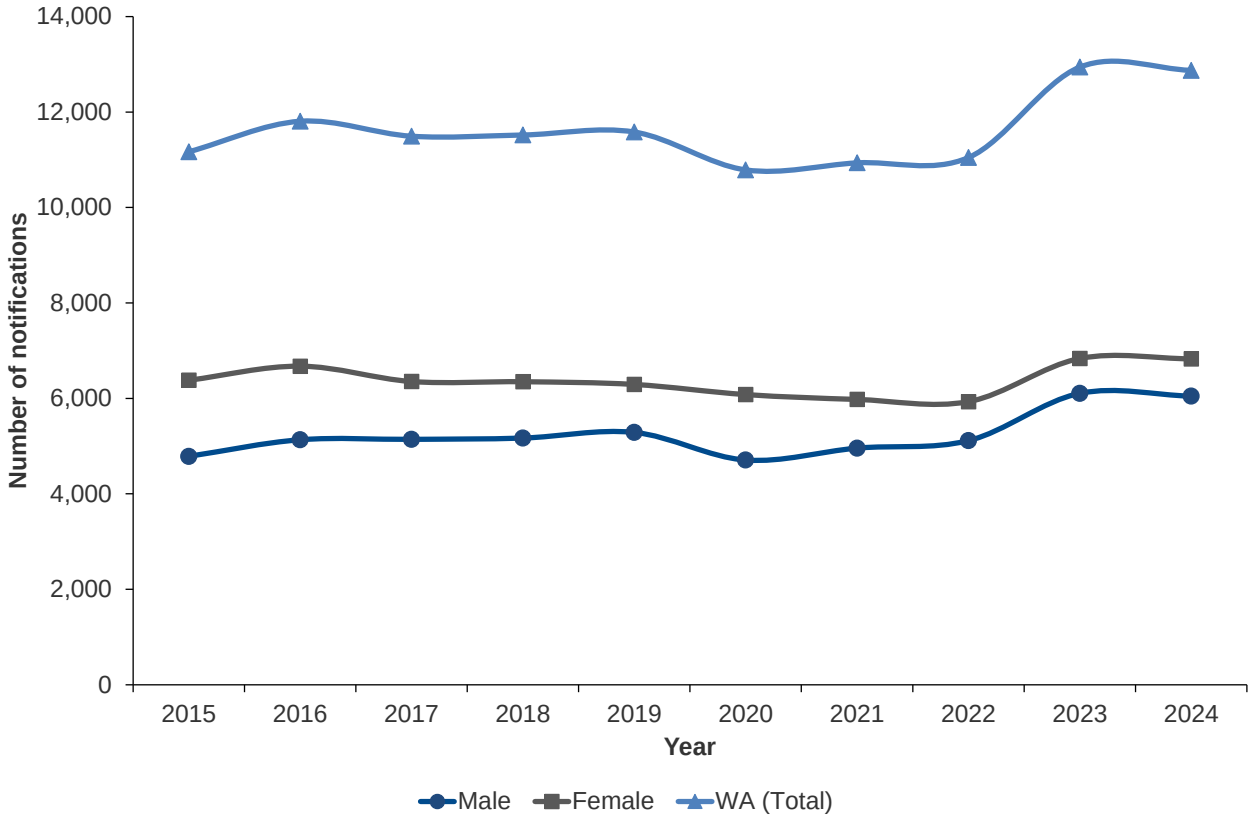
Great Southern	Goldfields	Kimberley	Metropolitan				Midwest	Pilbara	South West	Wheatbelt		
6316	0872	6725	6000	6053	6108	6175	6514	6710	6218	6041	6392	6480
6317	6346	6726	6003	6054	6109	6176	6515	6712	6220	6042	6393	6484
6318	6348	6728	6004	6055	6110	6180	6517	6713	6221	6043	6401	6485
6320	6429	6740	6005	6056	6111	6181	6518	6714	6223	6044	6403	6487
6321	6430	6743	6006	6057	6112	6182	6519	6716	6224	6213	6405	6488
6322	6431	6765	6007	6058	6121	6207	6522	6718	6225	6302	6407	6489
6323	6432	6770	6008	6059	6122	6208	6525	6720	6226	6304	6409	6490
6324	6434		6009	6060	6123	6209	6528	6721	6227	6306	6410	6501
6326	6436		6010	6061	6124	6210	6530	6722	6228	6308	6411	6502
6327	6437		6011	6062	6125	6211	6532	6751	6229	6309	6412	6503
6328	6438		6012	6063	6126	6214	6535	6753	6230	6311	6413	6504
6330	6440		6014	6064	6147	6215	6536	6754	6232	6312	6414	6505
6333	6442		6015	6065	6148	6556	6537	6758	6233	6313	6415	6506
6335	6443		6016	6066	6149	6558	6614	6760	6236	6315	6418	6507
6336	6445		6017	6067	6150		6616	6762	6237	6350	6419	6509
6337	6446		6018	6068	6151		6620		6239	6351	6420	6510
6338	6447		6019	6069	6152		6623		6240	6352	6421	6511
6341	6448		6020	6070	6153		6625		6243	6353	6422	6512
6343	6450		6021	6071	6154		6627		6244	6355	6423	6513
6394	6452		6022	6072	6155		6628		6251	6356	6424	6516
6395			6023	6073	6156		6630		6252	6357	6425	6521
6396			6024	6074	6157		6631		6253	6358	6426	6560
6397			6025	6076	6158		6632		6254	6359	6427	6562
			6026	6077	6159		6635		6255	6361	6428	6564
			6027	6078	6160		6638		6256	6363	6460	6566
			6028	6079	6161		6639		6258	6365	6461	6567
			6029	6081	6162		6640		6260	6367	6462	6568
			6030	6082	6163		6642		6262	6368	6463	6569
			6031	6083	6164		6646		6271	6369	6465	6571
			6032	6084	6165		6701		6275	6370	6466	6572
			6033	6090	6166		6705		6280	6372	6467	6574
			6034	6100	6167		6707		6281	6373	6468	6575
			6035	6101	6168				6282	6375	6470	6603
			6036	6102	6169				6284	6383	6472	6605
			6037	6103	6170				6285	6384	6473	6606
			6038	6104	6171				6286	6385	6475	6608
			6050	6105	6172				6288	6386	6476	6609
			6051	6106	6173				6290	6390	6477	6612
			6052	6107	6174				6398	6391	6479	6613

Table 2 Number and age-specific rate of STI notifications by sex, WA, 2024

Age group (years)	Sex	Infection									
		Chlamydia		Gonorrhoea		Infectious syphilis		Non-infectious syphilis		Total syphilis	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
0–9	Male	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0
	Female	2	1.2	2	1.2	0	0.0	0	0.0	0	0.0
	Total	2	0.6	3	0.9	0	0.0	0	0.0	0	0.0
10–14	Male	4	4.1	4	4.1	0	0.0	0	0.0	0	0.0
	Female	42	45.5	20	21.7	4	4.3	0	0.0	4	4.3
	Total	46	24.2	24	12.6	4	2.1	0	0.0	4	2.1
15–19	Male	625	717.0	231	265.0	20	22.9	0	0.0	20	22.9
	Female	1,368	1,676.2	326	399.4	25	30.6	6	7.4	31	38.0
	Total	1,993	1,180.6	557	330.0	45	26.7	6	3.6	51	30.2
20–24	Male	1,482	1,739.9	516	605.8	32	37.6	11	12.9	43	50.5
	Female	2,329	2,939.9	457	576.9	31	39.1	7	8.8	38	48.0
	Total	3,811	2,318.2	973	591.9	63	38.3	18	11.0	81	49.3
25–29	Male	1,367	1,477.9	646	698.4	58	62.7	22	23.8	80	86.5
	Female	1,449	1,633.0	399	449.7	29	32.7	20	22.5	49	55.2
	Total	2,816	1,555.9	1,045	577.4	87	48.1	42	23.2	129	71.3
30–34	Male	950	935.8	622	612.7	81	79.8	28	27.6	109	107.4
	Female	716	689.9	315	303.5	45	43.4	12	11.6	57	54.9
	Total	1,666	811.3	937	456.3	126	61.4	41	20.0	167	81.3
35–39	Male	595	527.2	446	395.2	66	58.5	17	15.1	83	73.5
	Female	408	362.8	212	188.5	30	26.7	14	12.5	44	39.1
	Total	1,003	445.1	658	292.0	96	42.6	31	13.8	127	56.4
40–44	Male	411	416.4	329	333.3	61	61.8	12	12.2	73	74.0
	Female	255	256.5	138	138.8	13	13.1	11	11.1	24	24.1
	Total	666	336.2	467	235.7	74	37.4	23	11.6	97	49.0
45–49	Male	219	246.8	176	198.3	29	32.7	12	13.5	41	46.2
	Female	133	151.9	58	66.2	11	12.6	6	6.9	17	19.4
	Total	352	199.7	234	132.7	40	22.7	18	10.2	58	32.9
50+	Male	391	79.1	266	53.8	67	13.6	52	10.5	119	24.1
	Female	127	24.4	75	14.4	4	0.8	41	7.9	45	8.7
	Total	518	51.1	341	33.6	71	7.0	93	9.2	164	16.2
WA (Total)	**Male**	**6,045**	**457.0**	**3,237**	**241.5**	**414**	**30.1**	**154**	**10.7**	**568**	**40.8**
	Female	**6,829**	**552.9**	**2,002**	**157.6**	**192**	**14.9**	**117**	**8.2**	**309**	**23.0**
	Total	**12,874**	**502.1**	**5,239**	**199.4**	**606**	**22.4**	**272**	**9.5**	**878**	**31.9**

Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
Non-infectious syphilis = More than two years or unknown duration
Total syphilis = Infectious syphilis + Non-infectious syphilis
WA (Total) includes one non-infectious syphilis notification in a transgender person
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 1 Number of chlamydia notifications by sex, WA, 2015 to 2024



Notes: WA (Total) includes two notifications in 2015, one notification in 2016, three notifications in 2018, three notifications in 2019 and one notification each in 2020, 2021, 2022 and 2023 among transgender people
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 3 Number and ASR of chlamydia notifications by region and sex, WA, 2024

Region	Sex						Rate ratio (Male:Female)
	Male		Female		Total		
	Number	ASR	Number	ASR	Number	ASR	
Goldfields	147	506.5	208	862.9	355	668.4	0.6
Great Southern	71	309.8	97	445.9	168	373.4	0.7
Kimberley	241	1,256.8	410	2,002.9	651	1,641.1	0.6
Metropolitan	4,891	451.7	5,218	510.8	10,109	479.0	0.9
Midwest	106	366.5	156	596.5	262	477.3	0.6
Pilbara	209	695.0	281	1,166.9	490	912.9	0.6
South West	252	351.6	332	482.7	584	413.8	0.7
Wheatbelt	73	262.2	97	401.7	170	325.7	0.7
WA (Total)	**6,045**	**458.1**	**6,829**	**554.2**	**12,874**	**503.4**	**0.8**

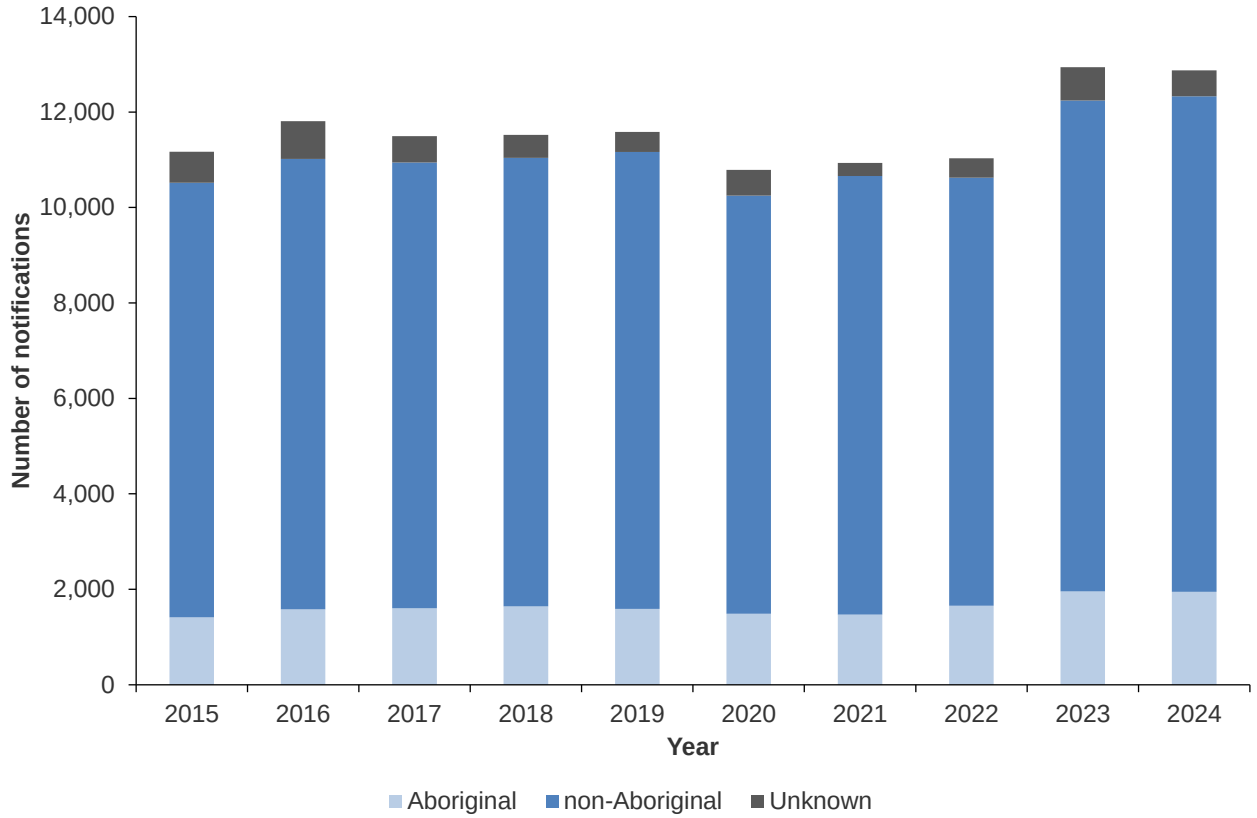
Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 4 Number, crude rate and ASR of chlamydia notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	302	396	319	345	327	304	286	306	320	355
	Crude	516.1	700.2	563.8	613.0	582.4	540.2	503.9	537.2	560.1	619.1
	ASR	536.4	720.8	575.1	634.8	598.8	582.1	548.1	579.1	600.0	668.4
Great Southern	Number	188	180	163	186	165	168	145	142	179	168
	Crude	311.8	298.8	267.2	301.4	264.5	265.8	226.8	220.5	274.7	255.1
	ASR	390.6	381.7	349.1	404.5	363.1	375.8	318.4	308.2	386.8	373.4
Kimberley	Number	646	597	636	630	536	534	515	621	688	651
	Crude	1,742.8	1,640.4	1,736.1	1,700.5	1,429.4	1,398.9	1,330.5	1,595.4	1,742.3	1,628.5
	ASR	1,736.7	1,612.6	1,721.2	1,681.3	1,415.7	1,385.7	1,332.5	1,583.5	1,746.3	1,641.1
Metropolitan	Number	8,608	9,122	8,986	9,021	9,178	8,400	8,714	8,634	10,195	10,109
	Crude	429.7	450.8	438.2	433.7	433.2	387.8	396.8	387.2	449.2	438.2
	ASR	413.3	440.3	438.1	441.6	446.0	404.4	422.5	413.5	487.4	479.0
Midwest	Number	286	352	306	261	222	315	278	262	273	262
	Crude	855.2	1,070.7	927.0	787.0	664.5	930.7	808.6	756.5	777.1	735.6
	ASR	987.9	1,241.6	1,094.6	947.5	804.1	1,134.9	1,000.5	936.0	974.4	919.5
Pilbara	Number	362	384	342	327	366	303	332	381	454	490
	Crude	574.4	624.0	566.5	548.5	619.5	515.1	570.1	646.4	777.3	841.8
	ASR	627.8	668.4	624.5	578.4	645.2	551.1	608.9	739.0	871.6	912.9
South West	Number	579	561	521	567	572	569	494	490	603	584
	Crude	331.7	319.5	292.3	313.4	311.2	304.0	259.2	252.9	306.0	291.6
	ASR	404.5	398.7	370.1	404.6	405.6	407.5	355.8	349.0	429.7	413.8
Wheatbelt	Number	173	174	177	153	181	153	141	172	173	170
	Crude	221.4	225.1	229.1	199.0	235.8	198.4	181.5	219.6	220.1	215.2
	ASR	301.2	310.4	317.4	282.3	336.9	288.8	269.6	324.0	328.3	325.7
WA (Total)	**Number**	**11,167**	**11,808**	**11,494**	**11,520**	**11,582**	**10,788**	**10,936**	**11,047**	**12,943**	**12,874**
	Crude	**439.5**	**462.0**	**444.5**	**440.1**	**435.5**	**397.7**	**397.8**	**396.1**	**456.8**	**447.6**
	ASR	**438.9**	**467.4**	**459.2**	**462.1**	**461.7**	**427.7**	**436.5**	**436.0**	**510.1**	**503.4**

Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 2 Number of chlamydia notifications by Aboriginality, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 5 Number and ASR of chlamydia notifications by region and Aboriginality, WA, 2024

Region	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
	Aboriginal		non-Aboriginal		Unknown				
	Number	ASR	Number	ASR	Number	%Total	Number	ASR	
Goldfields	154	1,917.9	195	428.3	6	1.7%	355	668.4	4.5
Great Southern	27	706.7	129	314.1	12	7.1%	168	373.4	2.2
Kimberley	527	2,270.8	102	602.9	22	3.4%	651	1,641.1	3.8
Metropolitan	741	958.1	8,902	437.5	466	4.6%	10,109	479.0	2.2
Midwest	128	1,388.0	129	280.7	5	1.9%	262	477.3	4.9
Pilbara	291	2,095.5	195	499.1	4	0.8%	490	912.9	4.2
South West	47	502.2	512	387.5	25	4.3%	584	413.8	1.3
Wheatbelt	28	508.4	137	290.9	5	2.9%	170	325.7	1.7
WA (Total)	**1,945**	**1,286.5**	**10,384**	**430.0**	**545**	**4.2%**	**12,874**	**503.4**	**3.0**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Region)
Rate ratio (Aboriginal:non-Aboriginal) = ASR (Aboriginal) / ASR (non-Aboriginal)
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 6 Number and ASR of chlamydia notifications by Aboriginality and sex, WA, 2024

Aboriginality	Sex				Total		Rate ratio (Male:Female)
	Male		Female				
	Number	ASR	Number	ASR	Number	ASR	
Aboriginal	659	858.1	1,286	1,755.1	1,945	1,286.5	0.5
non-Aboriginal	5,077	406.7	5,307	457.7	10,384	430.0	0.9
WA (Total)	6,045	458.1	6,829	554.2	12,874	503.4	0.8
Rate ratio (Aboriginal:non-Aboriginal)	**N/A**	**2.1**	**N/A**	**3.8**	**N/A**	**3.0**	**0.6**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = ASR (Aboriginal) / ASR (non-Aboriginal)
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 7 Number and proportion of chlamydia notifications by where infection was acquired and sex, WA, 2024

Where infection acquired	Sex				WA (Total)	
	Male		Female			
	Number	%Total	Number	%Total	Number	%Total
WA	3,403	56.3%	3,953	57.9%	7,356	57.1%
Interstate	73	1.2%	45	0.7%	118	0.9%
Overseas	226	3.7%	84	1.2%	310	2.4%
Unknown	2,343	38.8%	2,747	40.2%	5,090	39.5%
Total	**6,045**	**100.0%**	**6,829**	**100.0%**	**12,874**	**100.0%**

Notes: Number = Number of notifications reported to the DoH
% Total = Number of notifications (Where infection acquired) / Total number of notifications (Sex) or overall
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 8 Number and crude rate of chlamydia notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	1,274	29,131	2,981	24,207	5,778	1,444	24,534	12,864	102,213
Crude rate	269.0	343.0	1,169.0	433.0	308.0	251.0	351.0	434.0	384.0

Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision

Table 9 Number and age-specific rate of chlamydia notifications by sex and Aboriginality, WA, 2024

Age group (Years)	Sex	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	Rate	Number	Rate	Number	%Total	Number	Rate	
0–9	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	0	0.0	2	1.3	0	0.0%	2	1.2	N/A
	Total	0	0.0	2	0.6	0	0.0%	2	0.6	N/A
10–14	Male	3	40.7	1	1.1	0	0.0%	4	4.1	36.9
	Female	30	407.9	12	14.1	0	0.0%	42	45.5	28.9
	Total	33	224.0	13	7.4	0	0.0%	46	23.6	30.3
15–19	Male	177	2,788.0	431	533.3	17	2.7%	625	717.0	5.2
	Female	399	6,446.0	940	1,245.9	29	2.1%	1,368	1,676.2	5.2
	Total	576	4,588.9	1,371	877.2	46	2.3%	1,993	1,163.0	5.2
20–24	Male	178	3,040.8	1,219	1,536.5	85	5.7%	1,482	1,739.9	2.0
	Female	377	7,209.8	1,872	2,529.6	80	3.4%	2,329	2,939.9	2.9
	Total	555	5,007.8	3,091	2,015.8	165	4.3%	3,811	2,330.3	2.5
25–29	Male	106	1,938.7	1,164	1,337.3	97	7.1%	1,367	1,477.9	1.4
	Female	207	4,061.9	1,168	1,396.7	74	5.1%	1,449	1,633.0	2.9
	Total	313	2,962.9	2,332	1,368.8	171	6.1%	2,816	1,581.4	2.2
30–34	Male	85	1,545.9	818	851.9	47	4.9%	950	935.8	1.8
	Female	130	2,803.2	566	570.8	20	2.8%	716	689.9	4.9
	Total	215	2,121.2	1,384	708.9	67	4.0%	1,666	812.0	3.0
35–39	Male	51	1,065.2	509	471.0	35	5.9%	595	527.2	2.3
	Female	78	1,892.6	316	291.7	14	3.4%	408	362.8	6.5
	Total	129	1,447.9	825	381.2	49	4.9%	1,003	433.8	3.8
40–44	Male	29	789.9	370	389.3	12	2.9%	411	416.4	2.0
	Female	37	1,085.8	208	216.7	10	3.9%	255	256.5	5.0
	Total	66	932.3	578	302.5	22	3.3%	666	328.6	3.1
45–49	Male	14	372.0	197	231.8	8	3.7%	219	246.8	1.6
	Female	18	571.2	109	129.1	6	4.5%	133	151.9	4.4
	Total	32	462.8	306	180.6	14	4.0%	352	200.8	2.6
50+	Male	16	138.4	367	76.0	8	2.0%	391	79.1	1.8
	Female	10	78.8	114	22.5	3	2.4%	127	24.4	3.5
	Total	26	107.2	481	48.6	11	2.1%	518	51.1	2.2
WA (Total)	**Male**	**659**	**912.8**	**5,077**	**375.0**	**309**	**5.1%**	**6,045**	**421.5**	**2.4**
	Female	**1,286**	**1,608.7**	**5,307**	**456.5**	**236**	**3.5%**	**6,829**	**513.1**	**3.5**
	Total	**1,945**	**1,286.5**	**10,384**	**430.0**	**545**	**4.2%**	**12,874**	**503.4**	**3.0**

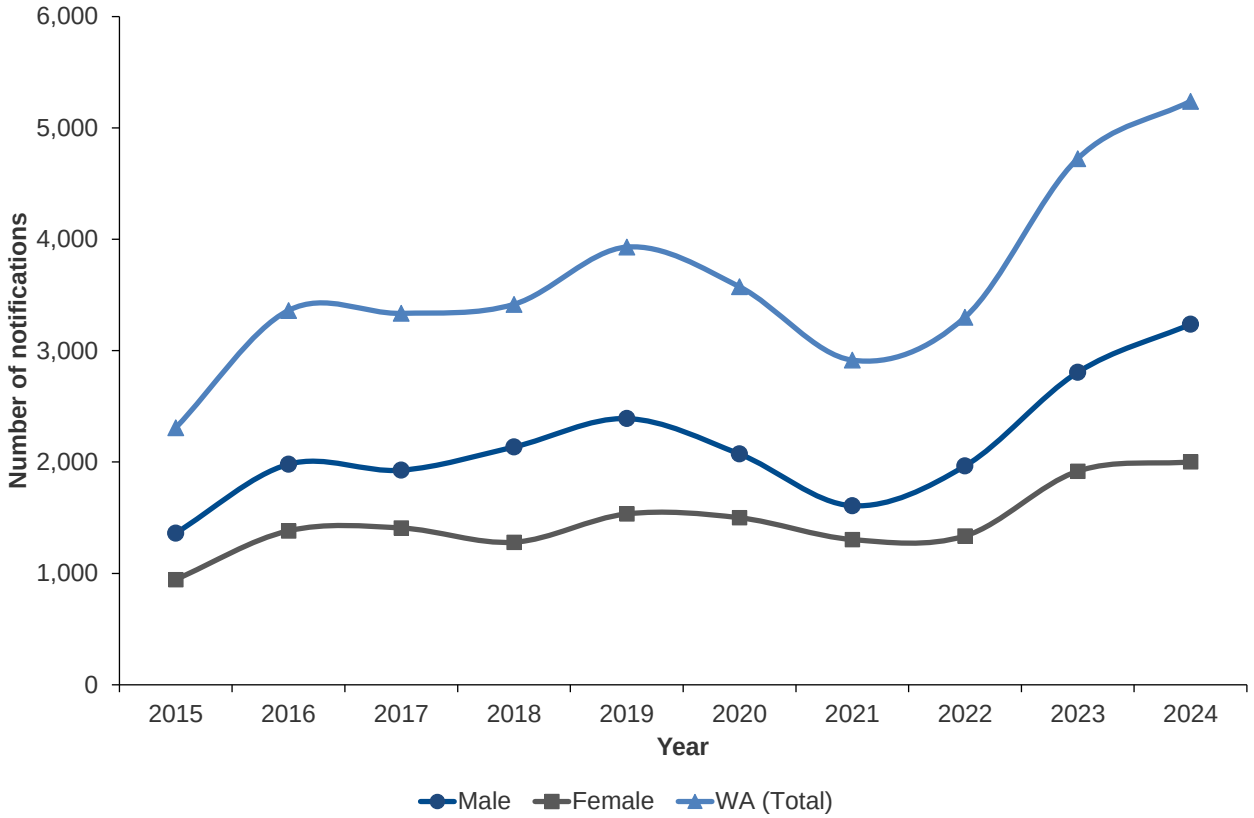
Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Age group)
N/A = Not applicable
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = Aboriginal rate (Age group) / non-Aboriginal rate (Age group)
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 10 Number and age-specific rate of chlamydia notifications by region and Aboriginality, WA, 2024

Region	Aboriginality	Rate	Age group (Years)											
			0–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50+	Unknown	Total
Goldfields	Aboriginal	Number	0	3	39	39	36	12	11	9	5	0	0	154
		Rate	0.0	392.3	6,236.1	6,286.1	5,946.3	2,617.8	2,129.1	2,166.6	1,096.3	0.0	N/A	1,491.7
	non-Aboriginal	Number	0	0	26	61	40	34	15	8	7	4	0	195
		Rate	0.0	0.0	1,049.3	2,065.7	1,082.5	900.2	373.5	239.4	230.7	22.8	N/A	542.4
	Total	Number	0	3	65	100	79	48	27	17	12	4	0	355
		Rate	0.0	76.9	2,094.7	2,798.6	1,836.8	1,133.4	595.7	452.6	343.6	20.9	N/A	745.5
Great	Aboriginal	Number	0	0	6	11	5	2	2	1	0	0	0	27
Southern		Rate	0.0	0.0	1,448.9	4,617.5	1,655.2	882.8	898.1	528.4	0.0	0.0	N/A	706.7
	non-Aboriginal	Number	0	0	20	46	24	11	11	9	4	4	0	129
		Rate	0.0	0.0	547.6	1,946.5	877.4	331.6	313.9	254.6	112.5	13.8	N/A	305.2
	Total	Number	0	0	30	59	31	15	14	11	4	4	0	168
		Rate	0.0	0.0	737.8	2,268.3	1,020.2	423.2	375.4	295.2	106.5	13.5	N/A	328.8
Kimberley	Aboriginal	Number	0	12	179	158	74	45	28	18	4	9	0	527
		Rate	0.0	559.5	9,902.0	9,780.7	5,206.7	2,531.8	1,798.7	1,304.0	359.1	223.0	N/A	2,373.3
	non-Aboriginal	Number	0	0	19	26	29	12	6	1	3	6	0	102
		Rate	0.0	0.0	2,469.6	2,888.4	1,644.2	617.3	330.3	70.4	242.0	97.0	N/A	1,221.3
	Total	Number	0	12	202	189	111	59	35	20	7	16	0	651
		Rate	0.0	366.7	7,839.0	7,513.2	3,485.1	1,585.8	1,037.6	714.2	297.4	156.6	N/A	1,648.2
Metropolitan	Aboriginal	Number	0	8	194	224	106	101	57	24	18	9	0	741
		Rate	0.0	105.6	3,072.5	3,735.0	1,811.2	1,867.3	1,285.7	750.3	542.0	86.1	N/A	939.3
	non-Aboriginal	Number	2	10	1,140	2,622	2,009	1,200	719	505	265	430	0	8,902
		Rate	0.7	7.0	878.8	1,981.0	1,404.5	736.3	397.6	318.9	191.2	55.0	N/A	398.3
	Total	Number	2	18	1,366	2,992	2,258	1,360	822	548	296	447	0	10,109
		Rate	0.7	11.9	1,004.3	2,162.8	1,516.2	807.7	443.8	339.3	208.6	56.5	N/A	434.0
Midwest	Aboriginal	Number	0	1	35	39	21	17	9	2	1	3	0	128
		Rate	0.0	97.6	4,166.9	5,575.0	3,498.4	3,412.8	1,618.7	449.2	202.9	122.3	N/A	1,065.4
	non-Aboriginal	Number	0	2	17	39	29	16	7	7	4	8	0	129
		Rate	0.0	54.8	550.9	1,452.4	857.7	439.9	176.8	187.9	113.8	30.7	N/A	449.1
	Total	Number	0	3	55	79	51	33	16	9	5	11	0	262
		Rate	0.0	64.2	1,402.2	2,340.8	1,281.0	797.7	354.4	215.8	124.8	19.6	N/A	470.4
Pilbara	Aboriginal	Number	0	6	88	64	62	33	22	8	3	5	0	291
		Rate	0.0	511.0	7,955.5	7,016.5	6,487.3	3,131.4	2,166.7	1,027.9	448.7	243.4	N/A	1,769.5
	non-Aboriginal	Number	0	0	39	56	35	31	19	6	3	6	0	195
		Rate	0.0	0.0	2,017.0	2,796.9	929.3	633.5	335.0	146.5	88.9	63.1	N/A	1,820.6
	Total	Number	0	6	127	122	98	64	41	14	6	12	0	490
		Rate	0.0	137.3	4,170.5	4,186.9	2,075.4	1,075.8	613.2	287.3	148.3	103.8	N/A	921.9
South West	Aboriginal	Number	0	2	18	15	4	4	0	4	0	0	0	47
		Rate	0.0	207.1	2,021.8	2,373.8	676.2	900.7	0.0	925.8	0.0	0.0	N/A	502.2
	non-Aboriginal	Number	0	1	94	154	111	52	36	31	16	16	0	512
		Rate	0.0	7.5	842.8	2,092.0	1,301.0	475.4	293.4	245.3	133.0	19.2	N/A	342.8
	Total	Number	0	3	113	176	127	58	36	36	17	17	0	584
		Rate	0.0	21.1	938.2	2,202.1	1,392.4	509.5	283.6	275.5	136.8	20.0	N/A	378.5
Wheatbelt	Aboriginal	Number	0	1	15	5	5	1	0	0	1	0	0	28
		Rate	0.0	157.7	2,751.0	1,385.5	2,165.1	380.0	0.0	0.0	387.1	0.0	N/A	859.7
	non-Aboriginal	Number	0	0	15	49	30	16	7	10	4	6	0	137
		Rate	0.0	0.0	433.2	1,790.3	872.2	439.2	159.4	251.7	97.7	16.4	N/A	308.8
	Total	Number	0	1	32	56	36	17	7	10	5	6	0	170
		Rate	0.0	20.7	798.9	1,805.9	980.9	435.3	151.8	237.8	114.9	15.7	N/A	358.9
WA (Total)	**Aboriginal**	**Number**	**0**	**33**	**576**	**555**	**313**	**215**	**129**	**66**	**32**	**26**	**0**	**1,945**
		Rate	**0.0**	**224.0**	**4,588.9**	**5,007.8**	**2,962.9**	**2,121.2**	**1,447.9**	**932.3**	**462.8**	**107.2**	**N/A**	**1,251.3**
	non-Aboriginal	**Number**	**2**	**13**	**1,371**	**3,091**	**2,332**	**1,384**	**825**	**578**	**306**	**481**	**0**	**10,384**
		Rate	**0.6**	**7.4**	**877.2**	**2,015.8**	**1,368.8**	**708.9**	**381.2**	**302.5**	**180.6**	**48.6**	**N/A**	**397.7**
	Total	**Number**	**2**	**46**	**1,993**	**3,811**	**2,816**	**1,666**	**1,003**	**666**	**352**	**518**	**0**	**12,874**
		Rate	**0.6**	**24.2**	**1,180.6**	**2,318.2**	**1,555.9**	**811.3**	**445.1**	**336.2**	**199.7**	**51.1**	**N/A**	**465.3**

Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 3 Number of gonorrhoea notifications by sex, WA, 2015 to 2024



Notes: WA (Total) includes one notification each in 2015, 2017 and 2018, six notifications in 2019, two notifications in 2020 and four notifications in 2021 among transgender people
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 11 Number and ASR of gonorrhoea notifications by region and sex, WA, 2024

Region	Sex						Rate ratio (Male:Female)
	Male		Female		Total		
	Number	ASR	Number	ASR	Number	ASR	
Goldfields	107	379.0	108	448.9	215	410.1	0.8
Great Southern	17	74.7	18	79.6	35	76.8	0.9
Kimberley	211	1,085.1	260	1,249.5	471	1,169.1	0.9
Metropolitan	2,547	232.9	1,331	126.5	3,878	179.6	1.8
Midwest	50	173.1	76	288.1	126	228.3	0.6
Pilbara	129	422.8	106	451.7	235	440.0	0.9
South West	112	155.1	75	102.4	187	128.8	1.5
Wheatbelt	32	111.6	24	92.9	56	102.3	1.2
WA (Total)	**3,237**	**242.4**	**2,002**	**158.3**	**5,239**	**200.3**	**1.5**

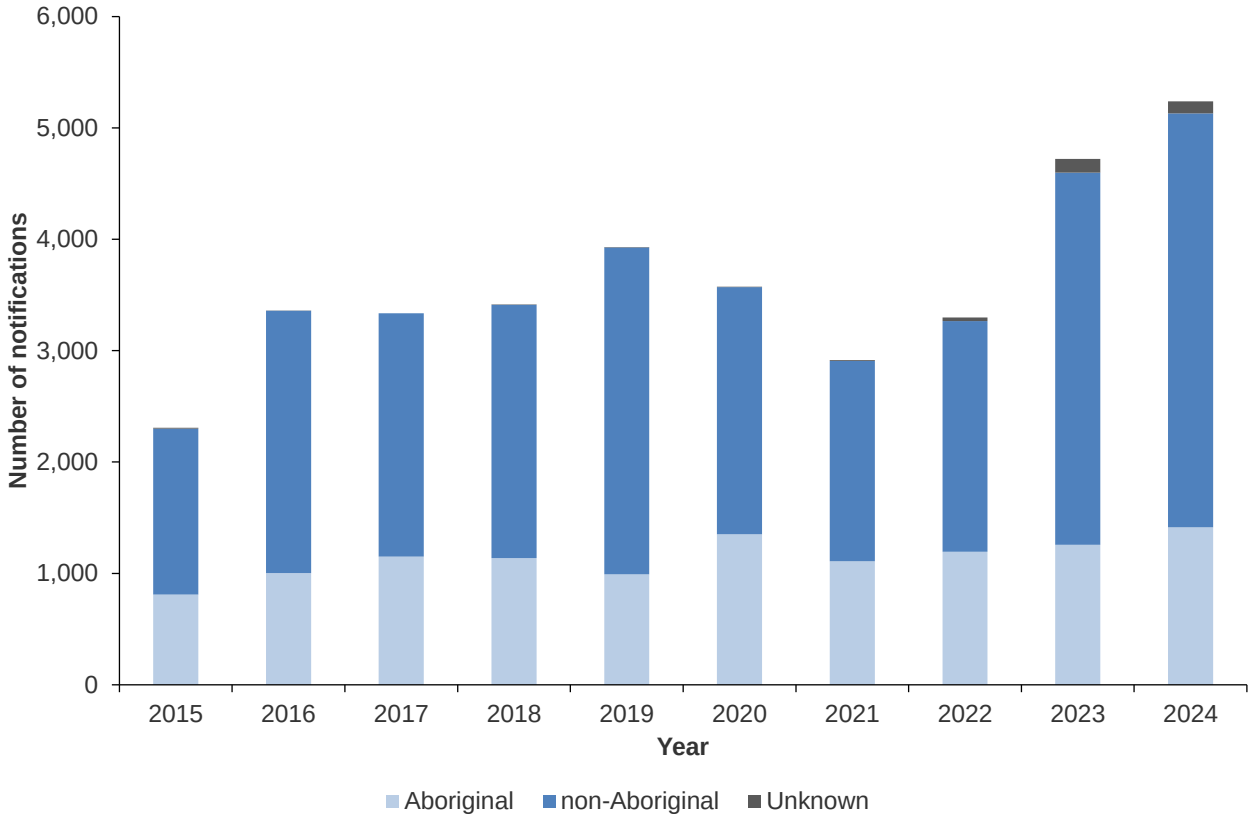
Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 12 Number, crude rate and ASR of gonorrhoea notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	145	127	211	258	135	197	219	173	225	215
	Crude	247.8	224.6	372.9	458.4	240.4	350.0	385.9	303.7	393.8	375.0
	ASR	255.5	232.7	384.9	471.3	249.1	369.6	415.1	324.3	417.6	410.1
Great Southern	Number	11	14	11	14	31	19	15	18	27	35
	Crude	3,159.7	18.3	23.0	17.8	22.4	49.0	29.7	23.3	27.6	41.0
	ASR	4,007.2	20.9	30.9	24.2	30.5	66.3	42.9	31.2	38.2	59.1
Kimberley	Number	409	464	514	390	334	548	423	534	466	471
	Crude	94.4	535.8	1,116.5	1,252.5	1,370.8	1,021.6	862.9	1,407.8	1,071.2	1,335.8
	ASR	89.4	510.6	1,110.3	1,246.2	1,371.1	999.2	860.8	1,377.8	1,056.7	1,326.8
Metropolitan	Number	1,432	2,274	2,176	2,326	2,912	2,287	1,870	2,167	3,450	3,878
	Crude	23.3	23.3	222.0	68.8	107.3	100.5	105.9	130.6	100.8	81.1
	ASR	22.9	23.5	229.7	68.7	109.2	103.5	109.8	136.5	107.5	87.2
Midwest	Number	55	129	111	76	99	105	62	71	93	126
	Crude	6,479.7	10,494.0	11,748.7	74,697.7	164.6	381.2	322.8	219.4	281.8	294.8
	ASR	7,373.1	12,035.0	13,623.6	88,073.4	197.3	462.2	395.4	272.7	350.2	368.2
Pilbara	Number	172	217	185	216	213	245	232	240	209	235
	Crude	98.4	115.4	154.0	211.4	1,569.0	292.4	372.6	313.9	369.8	365.9
	ASR	110.4	130.9	181.9	220.6	1,698.8	322.0	414.4	347.5	394.1	393.4
South West	Number	56	95	86	97	157	121	57	59	182	187
	Crude	140.3	132.1	134.6	115.5	127.8	1,156.2	29.4	49.0	43.6	48.4
	ASR	167.0	162.1	169.1	148.0	162.3	1,491.0	38.7	66.3	59.0	65.6
Wheatbelt	Number	21	28	36	26	37	39	32	30	44	56
	Crude	200.9	156.6	73.8	76.7	237.1	242.5	1,412.4	26.8	35.6	45.6
	ASR	262.2	207.3	95.9	101.6	320.4	339.9	1,988.1	37.4	49.7	65.5
WA (Total)	**Number**	**2,307**	**3,361**	**3,335**	**3,416**	**3,930**	**3,574**	**2,915**	**3,300**	**4,724**	**5,239**
	Crude	**90.8**	**131.5**	**129.0**	**130.5**	**147.8**	**131.7**	**106.0**	**118.3**	**166.7**	**182.2**
	ASR	**90.5**	**133.0**	**132.8**	**135.1**	**154.3**	**140.1**	**114.3**	**128.2**	**182.5**	**200.3**

Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 4 Number of gonorrhoea notifications by Aboriginality, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 13 Number and ASR of gonorrhoea notifications by region and Aboriginality, WA, 2024

Region	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
	Aboriginal		non-Aboriginal		Unknown				
	Number	ASR	Number	ASR	Number	%Total	Number	ASR	
Goldfields	169	2,166.5	46	104.7	0	0.0%	215	410.1	20.7
Great Southern	11	305.4	21	48.3	3	8.6%	35	76.8	6.3
Kimberley	439	1,963.2	29	150.1	3	0.6%	471	1,169.1	13.1
Metropolitan	476	666.9	3,305	157.8	97	2.5%	3,878	179.6	4.2
Midwest	82	912.3	43	93.3	1	0.8%	126	228.3	9.8
Pilbara	196	1,434.5	39	89.3	0	0.0%	235	440.0	16.1
South West	23	337.6	163	119.0	1	0.5%	187	128.8	2.8
Wheatbelt	16	334.1	37	72.3	3	5.4%	56	102.3	4.6
WA (Total)	**1,413**	**988.4**	**3,718**	**148.6**	**108**	**2.1%**	**5,239**	**200.3**	**6.7**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Region)
Rate ratio (Aboriginal:non-Aboriginal) = ASR (Aboriginal) / ASR (non-Aboriginal)
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 14 Number and ASR of gonorrhoea notifications by Aboriginality and sex, WA, 2024

Aboriginality	Sex				Total		Rate ratio (Male:Female)
	Male		Female				
	Number	ASR	Number	ASR	Number	ASR	
Aboriginal	590	812.7	823	1185.7	1,413	988.4	0.7
non-Aboriginal	2,565	201.5	1,153	95.4	3,718	148.6	2.1
WA (Total)	3,237	242.4	2,002	158.3	5,239	200.3	1.5
Rate ratio (Aboriginal:non-Aboriginal)	**N/A**	**4.0**	**N/A**	**12.4**	**N/A**	**6.7**	**0.3**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Rate ratio (Aboriginal:non-Aboriginal) = ASR (Aboriginal) / ASR (non-Aboriginal)
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 15 Number and proportion of gonorrhoea notifications by where infection was acquired and sex, WA, 2024

Where infection acquired	Sex				WA (Total)	
	Male		Female			
	Number	%Total	Number	%Total	Number	%Total
WA	2,204	68.1%	1,442	72.0%	3,646	69.6%
Interstate	59	1.8%	25	1.2%	84	1.6%
Overseas	162	5.0%	28	1.4%	190	3.6%
Unknown	812	25.1%	507	25.3%	1,319	25.2%
Total	**3,237**	**100.0%**	**2,002**	**100.0%**	**5,239**	**100.0%**

Notes: Number = Number of notifications reported to the DoH
% Total = Number of notifications (Sex & Where infection acquired) / Total number of notifications (Sex) or overall
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 16 Number and crude rate of gonorrhoea notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	473	14,048	2,314	8,374	2,474	330	11,294	5,249	44,556
Crude rate	100.0	166.0	907.0	150.0	132.0	57.0	162.0	177.0	167.0

Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision

Table 17 Number and age-specific rate of gonorrhoea notifications by sex and Aboriginality, WA, 2024

Age group (Years)	Sex	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	Rate	Number	Rate	Number	%Total	Number	Rate	
0–9	Male	0	0.0	1	0.6	0	0.0%	1	0.5	0.0
	Female	0	0.0	2	1.3	0	0.0%	2	1.2	0.0
	Total	0	0.0	3	0.9	0	0.0%	3	0.9	0.0
10–14	Male	2	27.1	2	2.2	0	0.0%	4	4.1	12.3
	Female	17	231.1	3	3.5	0	0.0%	20	21.7	65.5
	Total	19	129.0	5	2.8	0	0.0%	24	12.3	45.3
15–19	Male	131	2,063.5	96	118.8	4	1.7%	231	265.0	17.4
	Female	197	3,182.6	127	168.3	2	0.6%	326	399.4	18.9
	Total	328	2,613.1	223	142.7	6	1.1%	557	325.0	18.3
20–24	Male	128	2,186.6	369	465.1	19	3.7%	516	605.8	4.7
	Female	200	3,824.9	249	336.5	8	1.8%	457	576.9	11.4
	Total	328	2,959.6	618	403.0	27	2.8%	973	595.0	7.3
25–29	Male	90	1,646.0	532	611.2	24	3.7%	646	698.4	2.7
	Female	146	2,864.9	245	293.0	8	2.0%	399	449.7	9.8
	Total	236	2,234.0	777	456.1	32	3.1%	1,045	586.8	4.9
30–34	Male	91	1,655.0	514	535.3	17	2.7%	622	612.7	3.1
	Female	114	2,458.2	195	196.6	6	1.9%	315	303.5	12.5
	Total	205	2,022.5	709	363.1	23	2.5%	937	456.7	5.6
35–39	Male	53	1,107.0	386	357.2	7	1.6%	446	395.2	3.1
	Female	90	2,183.7	121	111.7	1	0.5%	212	188.5	19.6
	Total	143	1,605.1	507	234.3	8	1.2%	658	284.6	6.9
40–44	Male	48	1,307.4	277	291.4	4	1.2%	329	333.3	4.5
	Female	42	1,232.5	95	99.0	1	0.7%	138	138.8	12.5
	Total	90	1,271.3	372	194.7	5	1.1%	467	230.4	6.5
45–49	Male	21	558.0	151	177.7	4	2.3%	176	198.3	3.1
	Female	11	349.0	47	55.7	0	0.0%	58	66.2	6.3
	Total	32	462.8	198	116.9	4	1.7%	234	133.5	4.0
50+	Male	26	224.9	237	49.1	3	1.1%	266	53.8	4.6
	Female	6	47.3	69	13.6	0	0.0%	75	14.4	3.5
	Total	32	132.0	306	30.9	3	0.9%	341	33.6	4.3
WA (Total)	**Male**	**590**	**825.0**	**2,565**	**200.6**	**82**	**2.5%**	**3,237**	**241.5**	**4.1**
	Female	**823**	**1,187.6**	**1,153**	**94.7**	**26**	**1.3%**	**2,002**	**157.6**	**12.5**
	Total	**1,413**	**994.9**	**3,718**	**147.7**	**108**	**2.1%**	**5,239**	**199.0**	**6.7**

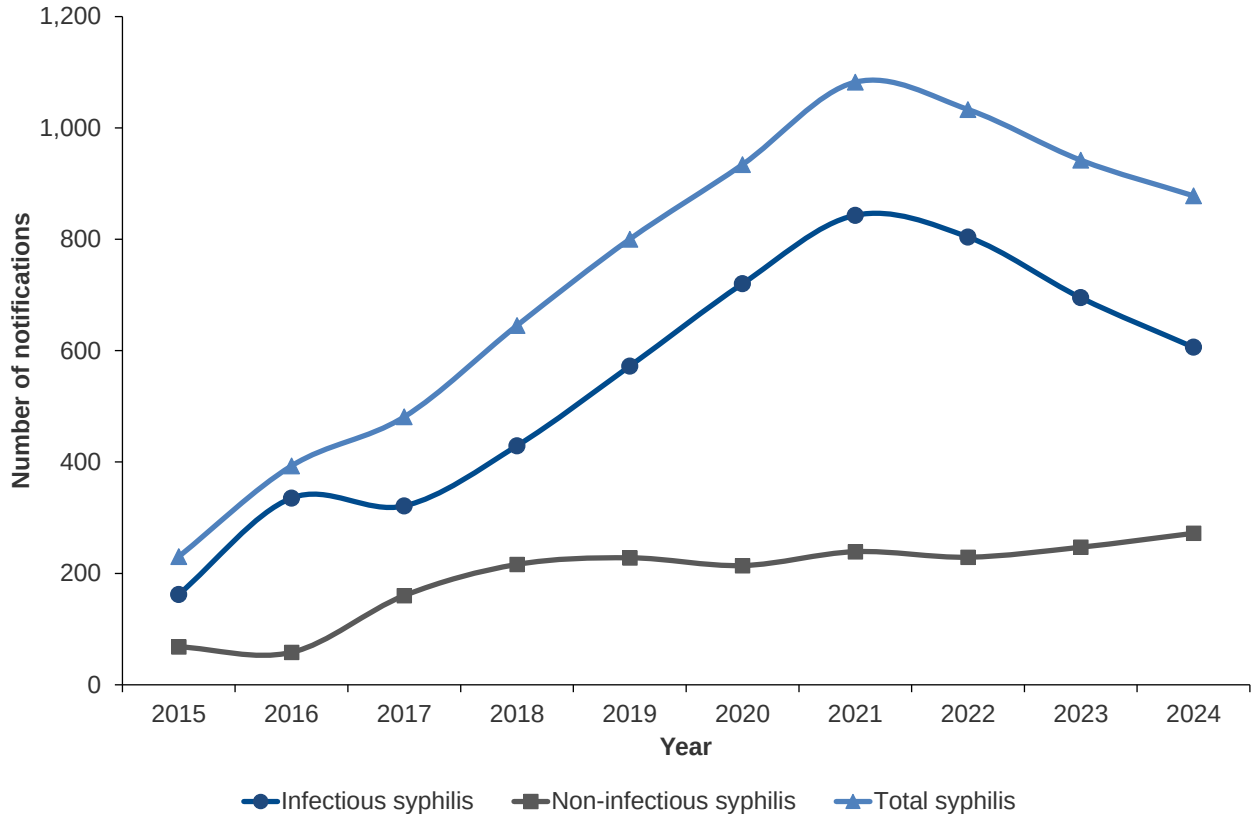
Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Age group)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = Aboriginal rate (Age group) / non-Aboriginal rate (Age group)
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 18 Number and age-specific rate of gonorrhoea notifications by region and Aboriginality, WA, 2024

Region	Aboriginality	Rate	Age group (Years)											
			0–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50+	Unknown	Total
Goldfields	Aboriginal	Number	0	2	39	40	34	13	19	14	4	4	0	169
		Rate	0.0	261.5	6,236.1	6,447.2	5,615.9	2,836.0	3,677.5	3,370.3	877.0	249.6	N/A	2,179.1
	non-Aboriginal	Number	0	0	9	12	7	7	1	3	6	1	0	46
		Rate	0.0	0.0	363.2	406.4	189.4	185.3	24.9	89.8	197.8	5.7	N/A	104.5
	Total	Number	0	2	48	52	41	20	20	17	10	5	0	215
		Rate	0.0	51.3	1,546.9	1,455.3	953.3	472.3	441.3	452.6	286.3	26.1	N/A	409.7
Great	Aboriginal	Number	0	0	1	3	4	1	1	1	0	0	0	11
Southern		Rate	0.0	0.0	241.5	1,259.3	1,324.2	441.4	449.0	528.4	0.0	0.0	N/A	305.4
	non-Aboriginal	Number	0	0	2	3	3	3	5	4	0	1	0	21
		Rate	0.0	0.0	54.8	126.9	109.7	90.4	142.7	113.1	0.0	3.5	N/A	47.7
	Total	Number	0	0	4	8	7	4	6	5	0	1	0	35
		Rate	0.0	0.0	98.4	307.6	230.4	112.9	160.9	134.2	0.0	3.4	N/A	76.3
Kimberley	Aboriginal	Number	0	7	122	93	76	52	40	29	6	14	0	439
		Rate	0.0	326.4	6,748.9	5,757.0	5,347.4	2,925.6	2,569.6	2,100.9	538.7	346.8	N/A	1,982.6
	non-Aboriginal	Number	0	0	3	4	4	6	3	3	1	5	0	29
		Rate	0.0	0.0	389.9	444.4	226.8	308.6	165.1	211.2	80.7	80.8	N/A	154.4
	Total	Number	0	7	126	98	80	59	43	32	7	19	0	471
		Rate	0.0	213.9	4,889.7	3,895.7	2,511.8	1,585.8	1,274.8	1,142.7	297.4	185.9	N/A	1,178.1
Metropolitan	Aboriginal	Number	0	4	74	120	74	91	54	36	15	8	0	476
		Rate	0.0	52.8	1,172.0	2,000.9	1,264.5	1,682.5	1,218.0	1,125.4	451.6	76.6	N/A	671.3
	non-Aboriginal	Number	2	4	189	535	695	636	459	327	177	281	0	3,305
		Rate	0.7	2.8	145.7	404.2	485.9	390.2	253.8	206.5	127.7	36.0	N/A	156.8
	Total	Number	2	8	267	678	800	749	520	367	196	291	0	3,878
		Rate	0.7	5.3	196.3	490.1	537.2	444.9	280.7	227.2	138.1	36.8	N/A	178.7
Midwest	Aboriginal	Number	0	0	26	18	12	18	6	0	1	1	0	82
		Rate	0.0	0.0	3,095.4	2,573.1	1,999.1	3,613.5	1,079.2	0.0	202.9	40.8	N/A	915.1
	non-Aboriginal	Number	0	1	6	13	8	6	0	3	3	3	0	43
		Rate	0.0	27.4	194.5	484.1	236.6	165.0	0.0	80.5	85.4	11.5	N/A	93.0
	Total	Number	0	1	32	31	20	24	6	3	4	5	0	126
		Rate	0.0	21.4	815.8	918.5	502.3	580.1	132.9	71.9	99.8	8.9	N/A	225.4
Pilbara	Aboriginal	Number	0	5	58	47	30	23	14	8	6	5	0	196
		Rate	0.0	425.8	5,243.4	5,152.8	3,139.0	2,182.5	1,378.8	1,027.9	897.5	243.4	N/A	1,450.1
	non-Aboriginal	Number	0	0	2	9	7	4	5	6	4	2	0	39
		Rate	0.0	0.0	103.4	449.5	185.9	81.7	88.2	146.5	118.5	21.0	N/A	89.3
	Total	Number	0	5	60	56	37	27	19	14	10	7	0	235
		Rate	0.0	114.5	1,970.3	1,921.8	783.6	453.8	284.2	287.3	247.2	60.5	N/A	443.7
South West	Aboriginal	Number	0	0	3	3	4	4	8	1	0	0	0	23
		Rate	0.0	0.0	337.0	474.8	676.2	900.7	1,920.4	231.5	0.0	0.0	N/A	337.6
	non-Aboriginal	Number	1	0	7	28	39	32	26	18	5	7	0	163
		Rate	4.8	0.0	62.8	380.4	457.1	292.5	211.9	142.5	41.6	8.4	N/A	118.2
	Total	Number	1	0	10	32	43	36	34	19	5	7	0	187
		Rate	4.4	0.0	83.0	400.4	471.4	316.2	267.8	145.4	40.2	8.3	N/A	128.2
Wheatbelt	Aboriginal	Number	0	1	5	4	2	3	1	0	0	0	0	16
		Rate	0.0	157.7	917.0	1,108.4	866.1	1,140.0	468.1	0.0	0.0	0.0	N/A	334.1
	non-Aboriginal	Number	0	0	5	5	6	6	5	5	2	3	0	37
		Rate	0.0	0.0	144.4	182.7	174.4	164.7	113.8	125.8	48.9	8.2	N/A	71.5
	Total	Number	0	1	10	9	9	9	7	6	2	3	0	56
		Rate	0.0	20.7	249.6	290.2	245.2	230.5	151.8	142.7	46.0	7.9	N/A	101.5
WA (Total)	**Aboriginal**	**Number**	**0**	**19**	**328**	**328**	**236**	**205**	**143**	**90**	**32**	**32**	**0**	**1,413**
		Rate	**0.0**	**129.0**	**2,613.1**	**2,959.6**	**2,234.0**	**2,022.5**	**1,605.1**	**1,271.3**	**462.8**	**132.0**	**N/A**	**994.9**
	non-Aboriginal	**Number**	**3**	**5**	**223**	**618**	**777**	**709**	**507**	**372**	**198**	**306**	**0**	**3,718**
		Rate	**0.9**	**2.8**	**142.7**	**403.0**	**456.1**	**363.1**	**234.3**	**194.7**	**116.9**	**30.9**	**N/A**	**147.7**
	Total	**Number**	**3**	**24**	**557**	**973**	**1,045**	**937**	**658**	**467**	**234**	**341**	**0**	**5,239**
		Rate	**0.9**	**12.6**	**330.0**	**591.9**	**577.4**	**456.3**	**292.0**	**235.7**	**132.7**	**33.6**	**N/A**	**199.4**

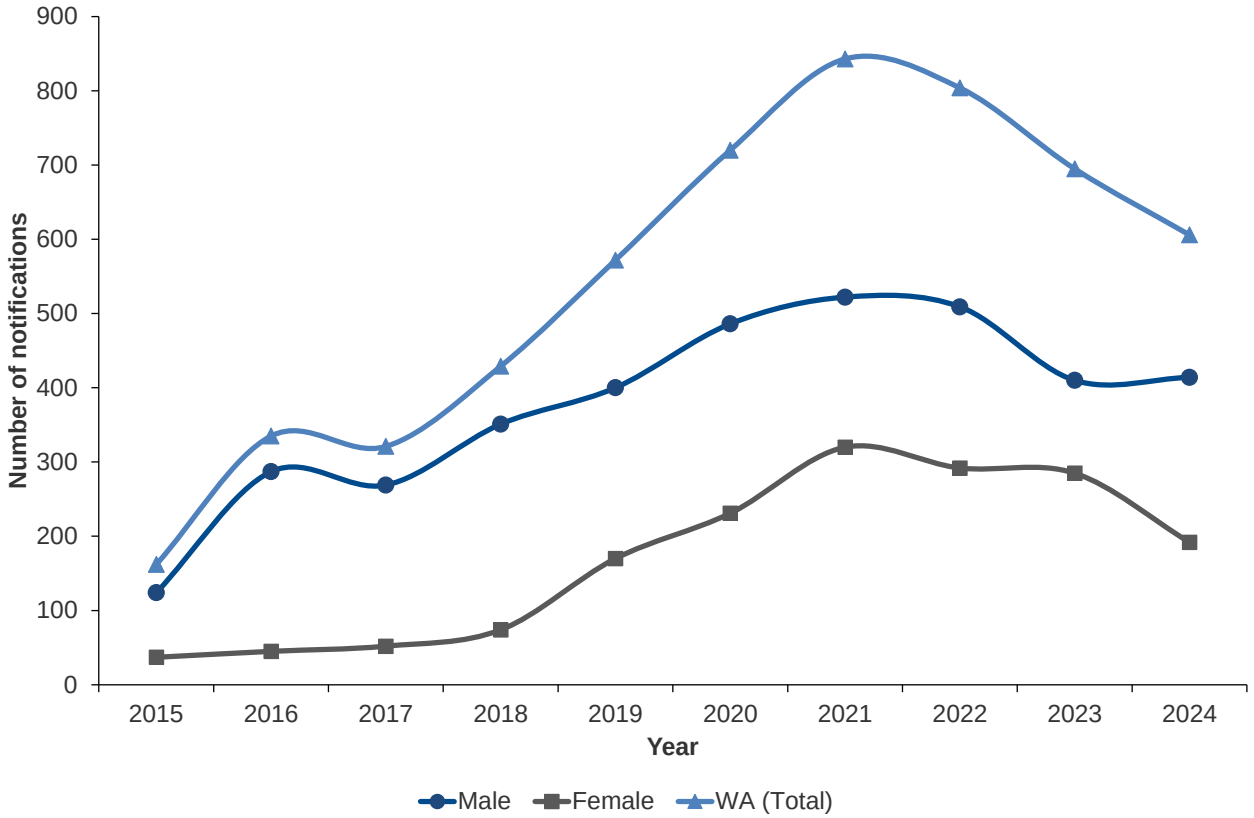
Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 5 Number of syphilis notifications by disease status, WA, 2015 to 2024



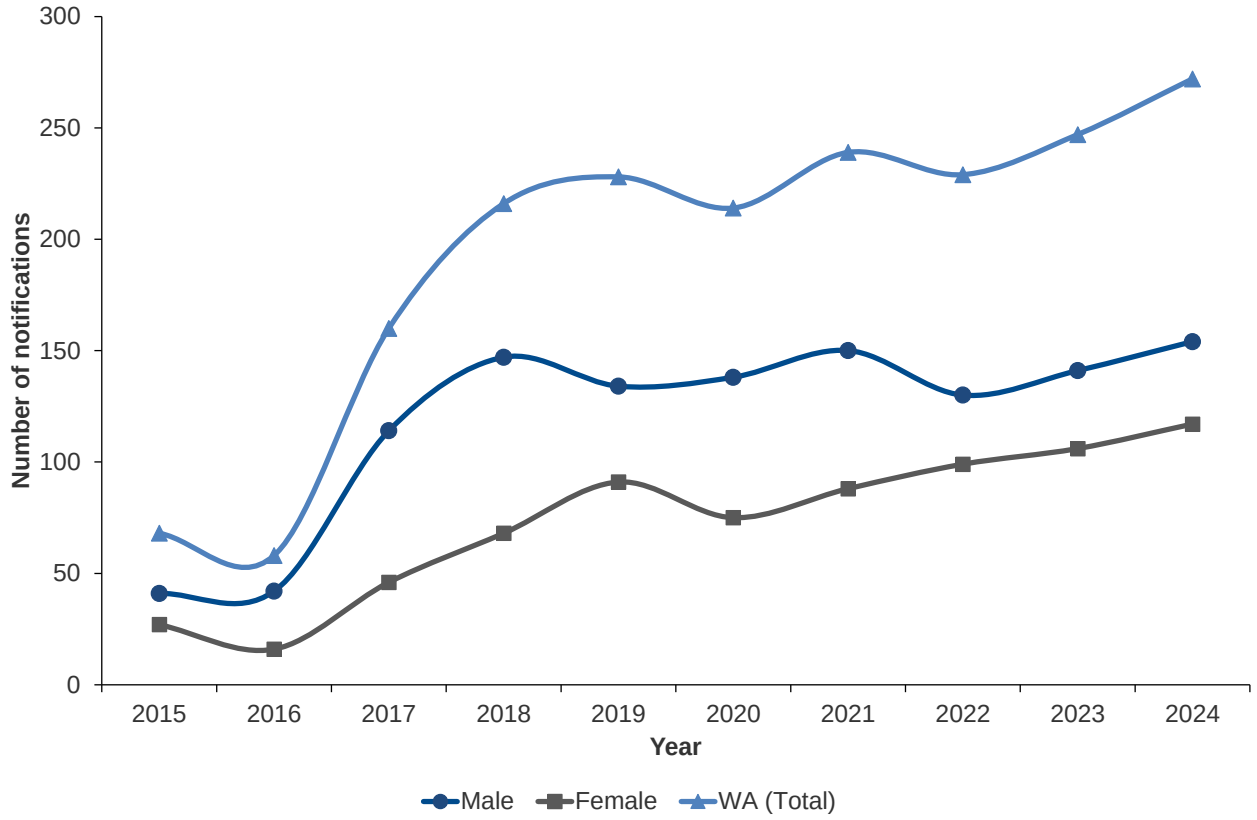
Notes: Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
Non-infectious syphilis = More than two years or unknown duration
Total syphilis = Infectious syphilis + Non-infectious syphilis
In addition to the number of notifications above, one case each of congenital syphilis were notified to the DoH in 2018 and 2019, and four cases each were notified in 2020, 2021, 2022 and 2023
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 6 Number of infectious syphilis notifications by sex, WA, 2015 to 2024



Notes: Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
WA (Total) includes one notification in 2015, three notifications in 2016, four notifications in 2018, two notifications in 2019, three notifications in 2020, one notification in 2021, and three notifications in 2022 among transgender people
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 7 Number of non-infectious syphilis notifications by sex, WA, 2015 to 2024



Notes: Non-infectious syphilis = More than two years or unknown duration
WA (Total) includes one notification in 2018, three notifications in 2019, and one notification each in 2020, 2021 and 2024 among transgender people
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 19 Number, crude rate and ASR syphilis notifications by region and sex, WA, 2024

Region	Disease stage	Sex						Rate ratio (Male:Female)
		Male		Female		Total		
		Number	ASR	Number	ASR	Number	ASR	
Goldfields	Infectious	12	39.0	16	64.7	28	50.7	0.6
	Non-infectious	10	31.4	13	52.4	23	40.8	0.6
	Total syphilis	22	70.5	29	117.0	51	91.5	0.6
Great Southern	Infectious	7	30.5	2	9.0	9	20.1	3.4
	Non-infectious	2	8.5	2	5.3	4	7.0	1.6
	Total syphilis	9	39.0	4	14.3	13	27.0	2.7
Kimberley	Infectious	29	143.8	30	142.8	59	143.6	1.0
	Non-infectious	2	9.8	4	19.0	6	14.4	0.5
	Total syphilis	31	153.6	34	161.7	65	158.1	0.9
Metropolitan	Infectious	306	27.4	102	9.4	408	18.4	2.9
	Non-infectious	103	8.9	65	5.6	169	7.3	1.6
	Total syphilis	409	36.3	167	15.0	577	25.7	2.4
Midwest	Infectious	17	57.7	11	42.1	28	49.6	1.4
	Non-infectious	19	54.8	8	27.8	27	41.6	2.0
	Total syphilis	36	112.5	19	69.9	55	91.2	1.6
Pilbara	Infectious	27	87.0	26	101.8	53	95.6	0.9
	Non-infectious	6	17.9	9	47.2	15	30.4	0.4
	Total syphilis	33	104.8	35	149.0	68	126.0	0.7
South West	Infectious	8	11.3	2	3.0	10	7.2	3.8
	Non-infectious	7	7.7	9	10.5	16	9.0	0.7
	Total syphilis	15	19.0	11	13.4	26	16.2	1.4
Wheatbelt	Infectious	3	9.5	2	6.3	5	7.5	1.5
	Non-infectious	4	9.8	4	8.8	8	9.4	1.1
	Total syphilis	7	19.2	6	15.1	13	17.0	1.3
WA (Total)	**Infectious**	**414**	**30.2**	**192**	**14.9**	**606**	**22.5**	**2.0**
	Non-infectious	**154**	**10.8**	**117**	**8.3**	**272**	**9.5**	**1.3**
	Total syphilis	**568**	**41.0**	**309**	**23.1**	**878**	**32.1**	**1.8**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
Non-infectious syphilis = More than two years or unknown duration
Total syphilis = Infectious syphilis + Non-infectious syphilis
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 20 Number, crude rate and ASR of infectious syphilis notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	9	5	5	9	31	27	29	19	40	28
	Crude	15.4	8.8	8.8	16.0	55.2	48.0	51.1	33.4	70.0	48.8
	ASR	15.4	9.6	8.4	15.5	56.1	50.3	55.9	35.0	73.9	50.7
Great Southern	Number	0	1	2	2	7	6	6	7	7	9
	Crude	0.0	1.7	3.3	3.2	11.2	9.5	9.4	10.9	10.7	13.7
	ASR	0.0	2.3	4.5	4.5	15.2	11.5	11.1	13.3	16.4	20.1
Kimberley	Number	36	44	57	46	89	100	147	118	70	59
	Crude	97.1	120.9	155.6	124.2	237.4	262.0	379.8	303.1	177.3	147.6
	ASR	95.6	119.7	157.6	120.3	234.0	252.6	382.1	305.4	175.0	143.6
Metropolitan	Number	114	262	241	310	333	465	478	517	421	408
	Crude	5.7	12.9	11.8	14.9	15.7	21.5	21.8	23.2	18.6	17.7
	ASR	5.5	12.9	11.6	15.1	15.8	22.0	22.5	23.9	19.3	18.4
Midwest	Number	0	6	3	4	9	13	12	28	22	28
	Crude	0.0	18.3	9.1	12.1	26.9	38.4	34.9	80.8	62.6	78.6
	ASR	0.0	20.6	9.9	10.0	31.3	46.7	43.0	98.4	77.5	98.1
Pilbara	Number	2	2	1	45	88	80	148	95	106	53
	Crude	3.2	3.2	1.7	75.5	148.9	136.0	254.1	161.2	181.5	91.1
	ASR	2.6	2.4	1.6	82.3	204.9	137.1	266.1	162.8	182.4	95.6
South West	Number	1	8	8	7	3	18	16	12	17	10
	Crude	0.6	4.6	4.5	3.9	1.6	9.6	8.4	6.2	8.6	5.0
	ASR	0.7	4.6	5.4	4.2	1.8	12.6	11.0	8.9	11.9	7.2
Wheatbelt	Number	0	5	3	4	7	5	6	6	9	5
	Crude	0.0	6.5	3.9	5.2	9.1	6.5	7.7	7.7	11.5	6.3
	ASR	0.0	8.3	4.4	6.2	12.3	8.9	11.0	10.2	15.2	7.5
WA (Total)	**Number**	**162**	**335**	**321**	**429**	**572**	**720**	**843**	**804**	**695**	**606**
	Crude	**6.4**	**13.1**	**12.4**	**16.4**	**21.5**	**26.5**	**30.7**	**28.8**	**24.5**	**21.1**
	ASR	**6.3**	**13.3**	**12.7**	**16.9**	**22.4**	**27.8**	**32.8**	**30.6**	**26.4**	**22.5**

Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 21 Number, crude rate and ASR of non-infectious syphilis notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	3	4	8	17	38	12	23	18	18	23
	Crude	5.1	7.1	14.1	30.2	67.7	21.3	40.5	31.6	31.5	40.1
	ASR	6.0	7.2	15.0	27.7	68.2	21.0	39.7	33.3	33.1	40.8
Great Southern	Number	0	0	0	1	3	0	1	6	6	4
	Crude	0.0	0.0	0.0	1.6	4.8	0.0	1.6	9.3	9.2	6.1
	ASR	0.0	0.0	0.0	2.2	5.3	0.0	2.2	10.9	9.8	6.9
Kimberley	Number	0	1	4	2	5	1	8	15	6	6
	Crude	0.0	2.7	10.9	5.4	13.3	2.6	20.7	38.5	15.2	15.0
	ASR	0.0	2.8	17.2	5.7	13.7	2.1	20.7	39.3	15.5	14.4
Metropolitan	Number	59	48	137	164	153	178	158	135	153	169
	Crude	2.9	2.4	6.7	7.9	7.2	8.2	7.2	6.1	6.7	7.3
	ASR	2.9	2.3	6.6	7.7	7.0	8.1	7.1	5.9	6.5	7.3
Midwest	Number	1	0	1	10	7	5	13	16	22	27
	Crude	3.0	0.0	3.0	30.2	21.0	14.8	37.8	46.2	62.6	75.8
	ASR	3.6	0.0	3.5	31.7	21.1	15.0	38.5	49.0	59.7	81.0
Pilbara	Number	1	2	4	12	9	8	21	20	18	15
	Crude	1.6	3.2	6.6	20.1	15.2	13.6	36.1	33.9	30.8	25.8
	ASR	1.4	16.9	5.1	26.9	27.3	18.5	47.3	70.0	65.3	30.4
South West	Number	3	2	4	6	5	6	6	11	9	16
	Crude	1.7	1.1	2.2	3.3	2.7	3.2	3.1	5.7	4.6	8.0
	ASR	2.0	1.3	2.5	3.7	3.2	3.7	3.6	5.8	5.6	9.0
Wheatbelt	Number	0	0	0	1	4	2	8	5	12	8
	Crude	0.0	0.0	0.0	1.3	5.2	2.6	10.3	6.4	15.3	10.1
	ASR	0.0	0.0	0.0	0.8	6.9	2.7	13.2	8.1	19.3	9.4
WA (Total)	**Number**	**68**	**58**	**160**	**216**	**228**	**214**	**239**	**229**	**247**	**272**
	Crude	**2.7**	**2.3**	**6.2**	**8.3**	**8.6**	**7.9**	**8.7**	**8.2**	**8.7**	**9.5**
	ASR	**2.7**	**2.2**	**6.2**	**8.1**	**8.4**	**7.8**	**8.7**	**8.1**	**8.6**	**9.5**

Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Non-infectious syphilis = More than two years or unknown duration
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 22 Number, crude rate and ASR of total syphilis notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	12	9	13	26	69	39	52	37	58	51
	Crude	20.5	15.9	23.0	46.2	122.9	69.3	91.6	65.0	101.5	88.9
	ASR	21.4	16.8	23.4	43.2	124.3	71.3	95.6	68.3	107.0	91.5
Great Southern	Number	0	1	2	3	10	6	7	13	13	13
	Crude	0.0	1.7	3.3	4.9	16.0	9.5	10.9	20.2	20.0	19.7
	ASR	0.0	2.3	4.5	6.7	20.5	11.5	13.3	24.3	26.2	27.0
Kimberley	Number	36	45	61	48	94	101	155	133	76	65
	Crude	97.1	123.6	166.5	129.6	250.7	264.6	400.5	341.7	192.5	162.6
	ASR	95.6	122.5	174.8	126.0	247.7	254.7	402.7	344.7	190.5	158.1
Metropolitan	Number	173	310	378	474	486	643	636	652	574	577
	Crude	8.6	15.3	18.4	22.8	22.9	29.7	29.0	29.2	25.3	25.0
	ASR	8.4	15.3	18.3	22.8	22.9	30.0	29.6	29.8	25.9	25.7
Midwest	Number	1	6	4	14	16	18	25	44	44	55
	Crude	3.0	18.3	12.1	42.2	47.9	53.2	72.7	127.0	125.3	154.4
	ASR	3.6	20.6	13.4	41.7	52.5	61.6	81.5	147.5	137.1	179.1
Pilbara	Number	3	4	5	57	97	88	169	115	124	68
	Crude	4.8	6.5	8.3	95.6	164.2	149.6	290.2	195.1	212.3	116.8
	ASR	4.0	19.3	6.8	109.3	232.3	155.5	313.4	232.8	247.6	126.0
South West	Number	4	10	12	13	8	24	22	23	26	26
	Crude	2.3	5.7	6.7	7.2	4.4	12.8	11.5	11.9	13.2	13.0
	ASR	2.6	6.0	7.9	7.8	5.1	16.2	14.7	14.7	17.5	16.2
Wheatbelt	Number	0	5	3	5	11	7	14	11	21	13
	Crude	0.0	6.5	3.9	6.5	14.3	9.1	18.0	14.0	26.7	16.5
	ASR	0.0	8.3	4.4	7.0	19.2	11.5	24.2	18.3	34.6	17.0
WA (Total)	**Number**	**230**	**393**	**481**	**645**	**800**	**934**	**1,082**	**1,033**	**942**	**878**
	Crude	**9.1**	**15.4**	**18.6**	**24.6**	**30.1**	**34.4**	**39.4**	**37.0**	**33.2**	**30.5**
	ASR	**9.0**	**15.5**	**18.9**	**25.0**	**30.8**	**35.6**	**41.5**	**38.8**	**35.0**	**32.1**

Notes: Number = Number of notifications reported to the DoH
Crude = Crude rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Total syphilis = Infectious syphilis + Non-infectious syphilis
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
In addition to the number of notifications above, one case each of congenital syphilis were notified to the DoH in 2018 and 2019, and four cases each were notified in 2020, 2021, 2022 and 2023
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 23 Number and age-specific rate of infectious syphilis notifications by sex and Aboriginality, WA, 2024

Age group (Years)	Sex	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	Rate	Number	Rate	Number	%Total	Number	Rate	
0–9	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Total	0	0.0	0	0.0	0	N/A	0	0.0	N/A
10–14	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	4	54.4	0	0.0	0	0.0%	4	4.3	N/A
	Total	4	27.2	0	0.0	0	0.0%	4	2.1	N/A
15–19	Male	14	220.5	6	7.4	0	0.0%	20	22.9	29.7
	Female	23	371.6	2	2.7	0	0.0%	25	30.6	140.2
	Total	37	294.8	8	5.1	0	0.0%	45	26.3	57.6
20–24	Male	11	187.9	20	25.2	1	3.1%	32	37.6	7.5
	Female	18	344.2	13	17.6	0	0.0%	31	39.1	19.6
	Total	29	261.7	33	21.5	1	1.6%	63	38.5	12.2
25–29	Male	11	201.2	45	51.7	2	3.4%	58	62.7	3.9
	Female	17	333.6	12	14.3	0	0.0%	29	32.7	23.2
	Total	28	265.1	57	33.5	2	2.3%	87	48.9	7.9
30–34	Male	22	400.1	59	61.4	0	0.0%	81	79.8	6.5
	Female	23	496.0	22	22.2	0	0.0%	45	43.4	22.4
	Total	45	444.0	81	41.5	0	0.0%	126	61.4	10.7
35–39	Male	18	376.0	48	44.4	0	0.0%	66	58.5	8.5
	Female	13	315.4	17	15.7	0	0.0%	30	26.7	20.1
	Total	31	348.0	65	30.0	0	0.0%	96	41.5	11.6
40–44	Male	8	217.9	51	53.7	2	3.3%	61	61.8	4.1
	Female	7	205.4	6	6.2	0	0.0%	13	13.1	32.9
	Total	15	211.9	57	29.8	2	2.7%	74	36.5	7.1
45–49	Male	5	132.9	24	28.2	0	0.0%	29	32.7	4.7
	Female	7	222.1	4	4.7	0	0.0%	11	12.6	46.9
	Total	12	173.5	28	16.5	0	0.0%	40	22.8	10.5
50+	Male	9	77.9	58	12.0	0	0.0%	67	13.5	6.5
	Female	1	7.9	3	0.6	0	0.0%	4	0.8	13.3
	Total	10	41.2	61	6.2	0	0.0%	71	7.0	6.7
WA (Total)	**Male**	**98**	**149.9**	**311**	**23.5**	**5**	**1.2%**	**414**	**30.1**	**6.4**
	Female	**113**	**172.1**	**79**	**6.3**	**0**	**0.0%**	**192**	**14.9**	**27.5**
	Total	**211**	**159.6**	**390**	**14.9**	**5**	**0.8%**	**606**	**22.3**	**10.7**

Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Age group)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = Aboriginal rate (Age group) / non-Aboriginal rate (Age group)
Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 24 Number and age-specific rate of non-infectious syphilis notifications by sex and Aboriginality, WA, 2024

Age group (Years)	Sex	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	Rate	Number	Rate	Number	%Total	Number	Rate	
0–9	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Total	0	0.0	0	0.0	0	N/A	0	0.0	N/A
10–14	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Total	0	0.0	0	0.0	0	N/A	0	0.0	N/A
15–19	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	2	32.3	4	5.3	0	0.0%	6	7.4	N/A
	Total	2	15.9	4	2.6	0	0.0%	6	3.5	6.2
20–24	Male	1	17.1	10	12.6	0	0.0%	11	12.9	1.4
	Female	2	38.2	4	5.4	1	14.3%	7	8.8	7.1
	Total	3	27.1	14	9.1	1	5.6%	18	11.0	3.0
25–29	Male	5	91.4	17	19.5	0	0.0%	22	23.8	4.7
	Female	6	117.7	12	14.3	2	10.0%	20	22.5	8.2
	Total	11	104.1	29	17.0	2	4.8%	42	23.6	6.1
30–34	Male	3	54.6	24	25.0	1	3.6%	28	27.6	2.2
	Female	5	107.8	7	7.1	0	0.0%	12	11.6	15.3
	Total	8	78.9	31	15.9	2	4.9%	41	20.0	5.0
35–39	Male	1	20.9	16	14.8	0	0.0%	17	15.1	1.4
	Female	9	218.4	5	4.6	0	0.0%	14	12.4	47.3
	Total	10	112.2	21	9.7	0	0.0%	31	13.4	11.6
40–44	Male	1	27.2	11	11.6	0	0.0%	12	12.2	2.4
	Female	4	117.4	7	7.3	0	0.0%	11	11.1	16.1
	Total	5	70.6	18	9.4	0	0.0%	23	11.3	7.5
45–49	Male	5	132.9	7	8.2	0	0.0%	12	13.5	16.1
	Female	1	31.7	5	5.9	0	0.0%	6	6.9	5.4
	Total	6	86.8	12	7.1	0	0.0%	18	10.3	12.2
50+	Male	15	129.8	36	7.5	1	1.9%	52	10.5	17.4
	Female	17	134.0	22	4.3	2	4.9%	41	7.9	30.9
	Total	32	132.0	58	5.9	3	3.2%	93	9.2	22.5
WA (Total)	**Male**	**31**	**62.1**	**121**	**8.9**	**2**	**1.3%**	**154**	**10.7**	**7.0**
	Female	**46**	**87.9**	**66**	**4.9**	**5**	**4.3%**	**117**	**8.2**	**18.0**
	Total	**77**	**74.4**	**187**	**6.9**	**8**	**2.9%**	**272**	**9.4**	**10.8**

Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Age group)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = Aboriginal rate (Age group) / non-Aboriginal rate (Age group)
Non-infectious syphilis = More than two years or unknown duration
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 25 Number and age-specific rate of total syphilis notifications by sex and Aboriginality, WA, 2024

Age group (Years)	Sex	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	Rate	Number	Rate	Number	%Total	Number	Rate	
0–9	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Total	0	0.0	0	0.0	0	N/A	0	0.0	N/A
10–14	Male	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Female	4	54.4	0	0.0	0	0.0%	4	4.3	N/A
	Total	4	27.2	0	0.0	0	0.0%	4	2.1	N/A
15–19	Male	14	220.5	6	7.4	0	0.0%	20	22.9	29.7
	Female	25	403.9	6	8.0	0	0.0%	31	38.0	50.8
	Total	39	310.7	12	7.7	0	0.0%	51	29.8	40.5
20–24	Male	12	205.0	30	37.8	1	2.3%	43	50.5	5.4
	Female	20	382.5	17	23.0	1	2.6%	38	48.0	16.7
	Total	32	288.7	47	30.7	2	2.5%	81	49.5	9.4
25–29	Male	16	292.6	62	71.2	2	2.5%	80	86.5	4.1
	Female	23	451.3	24	28.7	2	4.1%	49	55.2	15.7
	Total	39	369.2	86	50.5	4	3.1%	129	72.4	7.3
30–34	Male	25	454.7	83	86.4	1	0.9%	109	107.4	5.3
	Female	28	603.8	29	29.2	0	0.0%	57	54.9	20.6
	Total	53	522.9	112	57.4	2	1.2%	167	81.4	9.1
35–39	Male	19	396.8	64	59.2	0	0.0%	83	73.5	6.7
	Female	22	533.8	22	20.3	0	0.0%	44	39.1	26.3
	Total	41	460.2	86	39.7	0	0.0%	127	54.9	11.6
40–44	Male	9	245.1	62	65.2	2	2.7%	73	74.0	3.8
	Female	11	322.8	13	13.5	0	0.0%	24	24.1	23.8
	Total	20	282.5	75	39.3	2	2.1%	97	47.9	7.2
45–49	Male	10	265.7	31	36.5	0	0.0%	41	46.2	7.3
	Female	8	253.8	9	10.7	0	0.0%	17	19.4	23.8
	Total	18	260.3	40	23.6	0	0.0%	58	33.1	11.0
50+	Male	24	207.6	94	19.5	1	0.8%	119	24.1	10.7
	Female	18	141.9	25	4.9	2	4.4%	45	8.7	28.8
	Total	42	173.2	119	12.0	3	1.8%	164	16.2	14.4
WA (Total)	**Male**	**129**	**212.0**	**432**	**32.4**	**7**	**1.2%**	**568**	**40.8**	**6.5**
	Female	**159**	**260.0**	**145**	**11.1**	**5**	**1.6%**	**309**	**23.0**	**23.3**
	Total	**288**	**234.0**	**577**	**21.7**	**13**	**1.5%**	**878**	**31.8**	**10.8**

Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Age group)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = Aboriginal rate (Age group) / non-Aboriginal rate (Age group)
Total syphilis = Infectious syphilis + Non-infectious syphilis
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 26 Number and age-specific rate of infectious syphilis notifications by region and Aboriginality, WA, 2024

Region	Aboriginality	Rate	Age group (Years)											
			0–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50+	Unknown	Total
Goldfields	Aboriginal	Number	0	0	1	7	3	3	3	0	4	1	0	22
		Rate	0.0	0.0	159.9	1,128.3	495.5	654.5	580.7	0.0	877.0	62.4	N/A	296.1
	non-Aboriginal	Number	0	0	0	0	1	3	2	0	0	0	0	6
		Rate	0.0	0.0	0.0	0.0	27.1	79.4	49.8	0.0	0.0	0.0	N/A	11.8
	Total	Number	0	0	1	7	4	6	5	0	4	1	0	28
		Rate	0.0	0.0	32.2	195.9	93.0	141.7	110.3	0.0	114.5	5.2	N/A	50.8
Great	Aboriginal	Number	0	0	0	0	1	0	1	0	0	0	0	2
Southern		Rate	0.0	0.0	0.0	0.0	331.0	0.0	449.0	0.0	0.0	0.0	N/A	58.5
	non-Aboriginal	Number	0	0	0	1	1	1	1	2	0	0	0	6
		Rate	0.0	0.0	0.0	42.3	36.6	30.1	28.5	56.6	0.0	0.0	N/A	14.3
	Total	Number	0	0	0	1	3	1	2	2	0	0	0	9
		Rate	0.0	0.0	0.0	38.4	98.7	28.2	53.6	53.7	0.0	0.0	N/A	20.1
Kimberley	Aboriginal	Number	0	0	12	6	8	14	6	5	3	4	0	58
		Rate	0.0	0.0	663.8	371.4	562.9	787.7	385.4	362.2	269.4	99.1	N/A	276.0
	non-Aboriginal	Number	0	0	0	0	0	0	0	1	0	0	0	1
		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.4	0.0	0.0	N/A	5.4
	Total	Number	0	0	12	6	8	14	6	6	3	4	0	59
		Rate	0.0	0.0	465.7	238.5	251.2	376.3	177.9	214.3	127.4	39.1	N/A	145.2
Metropolitan	Aboriginal	Number	0	0	5	6	8	17	13	4	1	1	0	55
		Rate	0.0	0.0	79.2	100.0	136.7	314.3	293.2	125.0	30.1	9.6	N/A	82.8
	non-Aboriginal	Number	0	0	8	28	48	73	59	50	26	57	0	349
		Rate	0.0	0.0	6.2	21.2	33.6	44.8	32.6	31.6	18.8	7.3	N/A	16.0
	Total	Number	0	0	13	35	57	90	72	56	27	58	0	408
		Rate	0.0	0.0	9.6	25.3	38.3	53.5	38.9	34.7	19.0	7.3	N/A	18.2
Midwest	Aboriginal	Number	0	0	1	6	0	5	3	4	3	0	0	22
		Rate	0.0	0.0	119.1	857.7	0.0	1,003.8	539.6	898.3	608.7	0.0	N/A	294.2
	non-Aboriginal	Number	0	0	0	0	0	2	0	1	1	2	0	6
		Rate	0.0	0.0	0.0	0.0	0.0	55.0	0.0	26.8	28.5	7.7	N/A	10.4
	Total	Number	0	0	1	6	0	7	3	5	4	2	0	28
		Rate	0.0	0.0	25.5	177.8	0.0	169.2	66.4	119.9	99.8	3.6	N/A	48.7
Pilbara	Aboriginal	Number	0	4	18	4	8	5	5	2	1	3	0	50
		Rate	0.0	340.6	1,627.3	438.5	837.1	474.5	492.4	257.0	149.6	146.0	N/A	372.8
	non-Aboriginal	Number	0	0	0	0	0	0	0	3	0	0	0	3
		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.3	0.0	0.0	N/A	5.6
	Total	Number	0	4	18	4	8	5	5	5	1	3	0	53
		Rate	0.0	91.6	591.1	137.3	169.4	84.0	74.8	102.6	24.7	25.9	N/A	98.1
South West	Aboriginal	Number	0	0	0	0	0	0	0	0	0	0	0	0
		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	0.0
	non-Aboriginal	Number	0	0	0	2	4	0	3	0	0	1	0	10
		Rate	0.0	0.0	0.0	27.2	46.9	0.0	24.4	0.0	0.0	1.2	N/A	7.4
	Total	Number	0	0	0	2	4	0	3	0	0	1	0	10
		Rate	0.0	0.0	0.0	25.0	43.9	0.0	23.6	0.0	0.0	1.2	N/A	7.0
Wheatbelt	Aboriginal	Number	0	0	0	0	0	0	0	0	0	1	0	1
		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.5	N/A	20.8
	non-Aboriginal	Number	0	0	0	1	0	1	0	0	1	1	0	4
		Rate	0.0	0.0	0.0	36.5	0.0	27.5	0.0	0.0	24.4	2.7	N/A	7.0
	Total	Number	0	0	0	1	0	1	0	0	1	2	0	5
		Rate	0.0	0.0	0.0	32.2	0.0	25.6	0.0	0.0	23.0	5.2	N/A	7.2
WA (Total)	**Aboriginal**	**Number**	**0**	**4**	**37**	**29**	**28**	**45**	**31**	**15**	**12**	**10**	**0**	**211**
		Rate	**0.0**	**27.2**	**294.8**	**261.7**	**265.1**	**444.0**	**348.0**	**211.9**	**173.5**	**41.2**	**N/A**	**159.6**
	non-Aboriginal	**Number**	**0**	**0**	**8**	**33**	**57**	**81**	**65**	**57**	**28**	**61**	**0**	**390**
		Rate	**0.0**	**0.0**	**5.1**	**21.5**	**33.5**	**41.5**	**30.0**	**29.8**	**16.5**	**6.2**	**N/A**	**14.9**
	Total	**Number**	**0**	**4**	**45**	**63**	**87**	**126**	**96**	**74**	**40**	**71**	**0**	**606**
		Rate	**0.0**	**2.1**	**26.7**	**38.3**	**48.1**	**61.4**	**42.6**	**37.4**	**22.7**	**7.0**	**N/A**	**22.4**

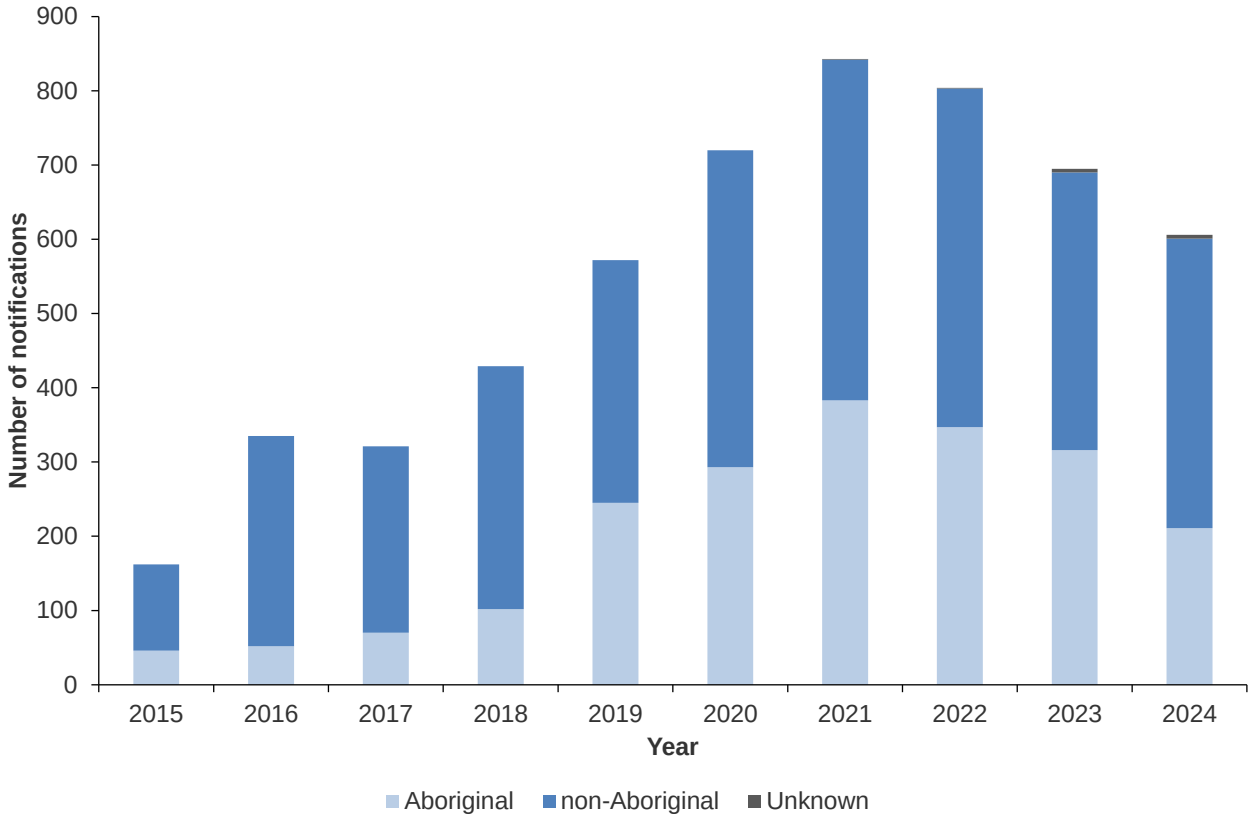
Notes: Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 27 Number and age-specific rate of non-infectious syphilis notifications by region and Aboriginality, WA, 2024

Region	Aboriginality	Rate	Age group (Years)											
			0–9	10–14	15–19	20–24	25–29	30–34	35–39	40–44	45–49	50+	Unknown	Total
Goldfields	Aboriginal	Number	0	0	0	0	3	1	2	2	2	4	0	14
		Rate	0.0	0.0	0.0	0.0	495.5	218.2	387.1	481.5	438.5	249.6	N/A	221.1
	non-Aboriginal	Number	0	0	2	1	3	1	0	0	0	2	0	9
		Rate	0.0	0.0	80.7	33.9	81.2	26.5	0.0	0.0	0.0	11.4	N/A	19.0
	Total	Number	0	0	2	1	6	2	2	2	2	6	0	23
		Rate	0.0	0.0	64.5	28.0	139.5	47.2	44.1	53.2	57.3	31.3	N/A	40.5
Great	Aboriginal	Number	0	0	0	0	0	0	0	0	0	1	0	1
Southern		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.5	N/A	33.7
	non-Aboriginal	Number	0	0	0	0	0	2	0	0	0	1	0	3
		Rate	0.0	0.0	0.0	0.0	0.0	60.3	0.0	0.0	0.0	3.5	N/A	5.5
	Total	Number	0	0	0	0	0	2	0	0	0	2	0	4
		Rate	0.0	0.0	0.0	0.0	0.0	56.4	0.0	0.0	0.0	6.7	N/A	6.2
Kimberley	Aboriginal	Number	0	0	2	0	1	1	1	0	0	1	0	6
		Rate	0.0	0.0	110.6	0.0	70.4	56.3	64.2	0.0	0.0	24.8	N/A	29.1
	non-Aboriginal	Number	0	0	0	0	0	0	0	0	0	0	0	0
		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	0.0
	Total	Number	0	0	2	0	1	1	1	0	0	1	0	6
		Rate	0.0	0.0	77.6	0.0	31.4	26.9	29.6	0.0	0.0	9.8	N/A	14.8
Metropolitan	Aboriginal	Number	0	0	0	1	4	4	4	1	2	10	0	26
		Rate	0.0	0.0	0.0	16.7	68.3	74.0	90.2	31.3	60.2	95.7	N/A	52.6
	non-Aboriginal	Number	0	0	1	9	20	22	20	13	7	45	0	137
		Rate	0.0	0.0	0.8	6.8	14.0	13.5	11.1	8.2	5.1	5.8	N/A	6.0
	Total	Number	0	0	1	11	26	28	24	14	9	56	0	169
		Rate	0.0	0.0	0.7	8.0	17.5	16.6	13.0	8.7	6.3	7.1	N/A	7.2
Midwest	Aboriginal	Number	0	0	0	0	1	2	3	1	2	5	0	14
		Rate	0.0	0.0	0.0	0.0	166.6	401.5	539.6	224.6	405.8	203.8	N/A	187.8
	non-Aboriginal	Number	0	0	0	2	2	2	0	1	2	3	0	12
		Rate	0.0	0.0	0.0	74.5	59.2	55.0	0.0	26.8	56.9	11.5	N/A	22.8
	Total	Number	0	0	0	2	3	4	3	2	4	9	0	27
		Rate	0.0	0.0	0.0	59.3	75.4	96.7	66.4	48.0	99.8	16.0	N/A	37.1
Pilbara	Aboriginal	Number	0	0	0	2	2	0	0	1	0	5	0	10
		Rate	0.0	0.0	0.0	219.3	209.3	0.0	0.0	128.5	0.0	243.4	N/A	109.5
	non-Aboriginal	Number	0	0	1	0	2	0	1	0	0	1	0	5
		Rate	0.0	0.0	51.7	0.0	53.1	0.0	17.6	0.0	0.0	10.5	N/A	11.8
	Total	Number	0	0	1	2	4	0	1	1	0	6	0	15
		Rate	0.0	0.0	32.8	68.6	84.7	0.0	15.0	20.5	0.0	51.9	N/A	30.6
South West	Aboriginal	Number	0	0	0	0	0	0	0	0	0	1	0	1
		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.1	N/A	20.9
	non-Aboriginal	Number	0	0	0	2	2	2	0	3	1	4	0	14
		Rate	0.0	0.0	0.0	27.2	23.4	18.3	0.0	23.7	8.3	4.8	N/A	8.7
	Total	Number	0	0	0	2	2	2	0	3	1	6	0	16
		Rate	0.0	0.0	0.0	25.0	21.9	17.6	0.0	23.0	8.0	7.1	N/A	8.9
Wheatbelt	Aboriginal	Number	0	0	0	0	0	0	0	0	0	4	0	4
		Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	290.1	N/A	83.2
	non-Aboriginal	Number	0	0	0	0	0	1	0	0	2	1	0	4
		Rate	0.0	0.0	0.0	0.0	0.0	27.5	0.0	0.0	48.9	2.7	N/A	6.3
	Total	Number	0	0	0	0	0	1	0	0	2	5	0	8
		Rate	0.0	0.0	0.0	0.0	0.0	25.6	0.0	0.0	46.0	13.1	N/A	8.9
WA (Total)	**Aboriginal**	**Number**	**0**	**0**	**2**	**3**	**11**	**8**	**10**	**5**	**6**	**32**	**0**	**77**
		Rate	**0.0**	**0.0**	**15.9**	**27.1**	**104.1**	**78.9**	**112.2**	**70.6**	**86.8**	**132.0**	**N/A**	**74.4**
	non-Aboriginal	**Number**	**0**	**0**	**4**	**14**	**29**	**31**	**21**	**18**	**12**	**58**	**0**	**187**
		Rate	**0.0**	**0.0**	**2.6**	**9.1**	**17.0**	**15.9**	**9.7**	**9.4**	**7.1**	**5.9**	**N/A**	**6.9**
	Total	**Number**	**0**	**0**	**6**	**18**	**42**	**41**	**31**	**23**	**18**	**93**	**0**	**272**
		Rate	**0.0**	**0.0**	**3.6**	**10.9**	**23.2**	**20.0**	**13.8**	**11.6**	**10.2**	**9.2**	**N/A**	**9.5**

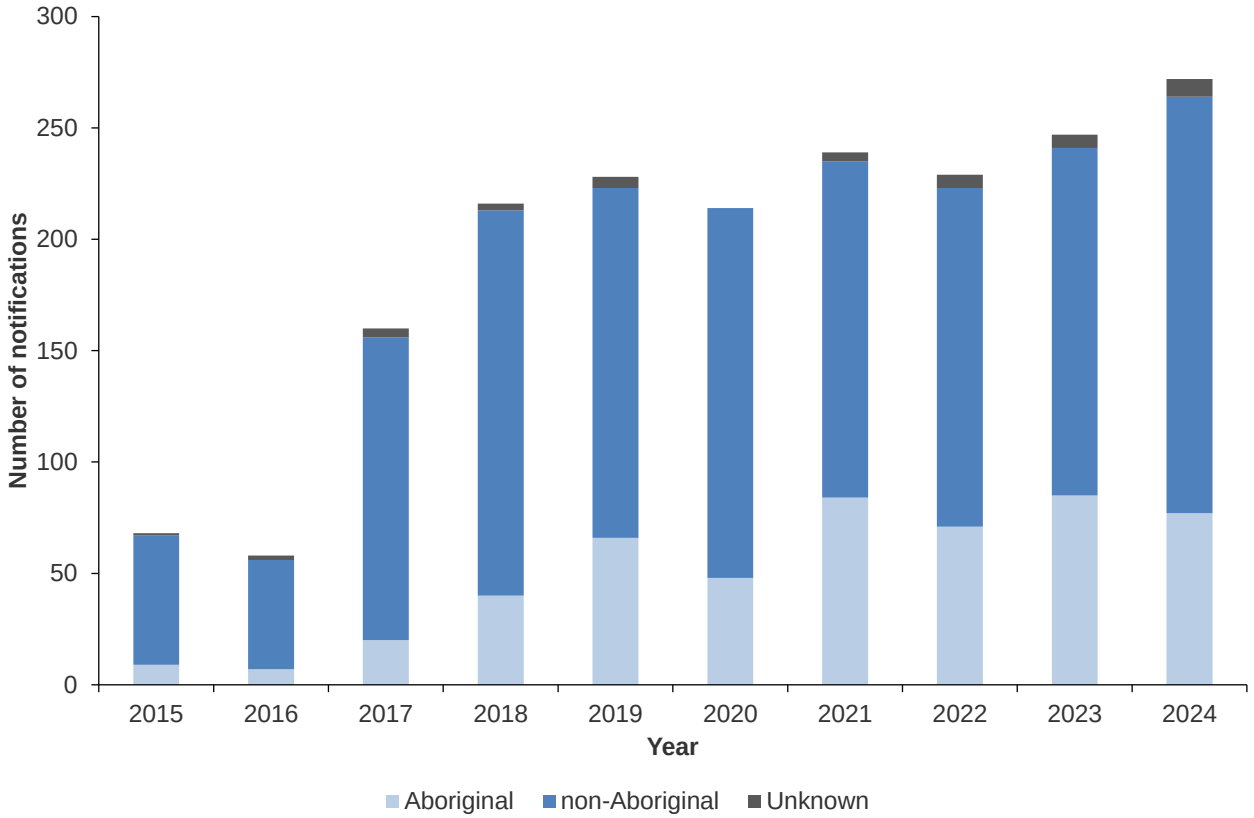
Notes:
Number = Number of notifications reported to the DoH
Rate (Age group) = Age-specific rate
Rate (WA Total) = Age-standardised notification rate per 100,000 population
Non-infectious syphilis = More than two years or unknown duration
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 8 Number of infectious syphilis notifications by Aboriginality, WA, 2015 to 2024



Notes: Infectious syphilis = Primary syphilis + Secondary syphilis + Early latent syphilis (less than two years duration)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 9 Number of non-infectious syphilis notifications by Aboriginality, WA, 2015 to 2024



Notes: Non-infectious syphilis = More than two years or unknown duration
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 28 Number and ASR of syphilis notifications by region, disease status and Aboriginality, WA, 2024

Region	Disease stage	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	ASR	Number	ASR	Number	%Total	Number	ASR	
Goldfields	Infectious	22	293.2	6	11.8	0	0.0%	28	50.7	24.9
	Non-infectious	14	223.5	9	19.4	0	0.0%	23	40.8	11.5
	Total syphilis	36	516.8	15	31.2	0	0.0%	51	91.5	16.6
Great Southern	Infectious	2	58.5	6	14.3	1	11.1%	9	20.1	4.1
	Non-infectious	1	30.3	3	5.8	0	0.0%	4	7.0	5.2
	Total syphilis	3	88.8	9	20.1	1	7.7%	13	27.0	4.4
Kimberley	Infectious	58	271.1	1	5.4	0	0.0%	59	143.6	50.5
	Non-infectious	6	27.7	0	0.0	0	0.0%	6	14.4	N/A
	Total syphilis	64	298.8	1	5.4	0	0.0%	65	158.1	55.6
Metropolitan	Infectious	55	82.1	349	16.1	4	1.0%	408	18.4	5.1
	Non-infectious	26	46.9	137	6.0	6	3.6%	169	7.3	7.8
	Total syphilis	81	128.9	486	22.1	10	1.7%	577	25.7	5.8
Midwest	Infectious	22	294.2	6	10.3	0	0.0%	28	49.6	28.5
	Non-infectious	14	179.9	12	22.4	1	3.7%	27	41.6	8.0
	Total syphilis	36	474.1	18	32.7	1	1.8%	55	91.2	14.5
Pilbara	Infectious	50	360.7	3	5.6	0	0.0%	53	95.6	64.6
	Non-infectious	10	102.0	5	12.9	0	0.0%	15	30.4	7.9
	Total syphilis	60	462.7	8	18.4	0	0.0%	68	126.0	25.1
South West	Infectious	0	0.0	10	7.6	0	0.0%	10	7.2	0.0
	Non-infectious	1	19.1	14	8.8	1	6.3%	16	9.0	2.2
	Total syphilis	1	19.1	24	16.4	1	3.8%	26	16.2	1.2
Wheatbelt	Infectious	1	13.3	4	7.5	0	0.0%	5	7.5	1.8
	Non-infectious	4	159.4	4	6.7	0	0.0%	8	9.4	23.6
	Total syphilis	5	172.6	8	14.2	0	0.0%	13	17.0	12.1
WA (Total)	**Infectious**	**211**	**157.0**	**390**	**15.0**	**5**	**0.8%**	**606**	**22.5**	**10.5**
	Non-infectious	**77**	**76.1**	**187**	**6.9**	**8**	**2.9%**	**272**	**9.5**	**11.1**
	Total syphilis	**288**	**233.0**	**577**	**21.9**	**13**	**1.5%**	**878**	**32.1**	**10.7**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Region and Disease status)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = ASR (Aboriginal) / ASR (non-Aboriginal)
Total syphilis = Infectious syphilis + Non-infectious syphilis
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 29 Number and ASR of syphilis notifications by Aboriginality, disease status and sex, WA, 2024

Aboriginality	Disease stage	Sex				Total		Rate ratio (Male:Female)
		Male		Female				
		Number	ASR	Number	ASR	Number	ASR	
Aboriginal	Infectious	98	144.2	113	171.7	211	157.0	0.8
	Non-infectious	31	56.0	46	89.4	77	76.1	0.6
	Total syphilis	129	200.3	159	261.1	288	233.0	0.8
non-Aboriginal	Infectious	311	23.7	79	6.3	390	15.0	3.8
	Non-infectious	121	8.9	66	4.9	187	6.9	1.8
	Total syphilis	432	32.6	145	11.2	577	21.9	2.9
WA (Total)	Infectious	414	30.2	192	14.9	606	22.5	2.0
	Non-infectious	154	10.8	117	8.3	272	9.5	1.3
	Total syphilis	568	41.0	309	23.1	878	32.1	1.8
Rate ratio (Aboriginal:non-Aboriginal)	**Infectious**	**N/A**	**6.1**	**N/A**	**27.3**	**N/A**	**10.5**	**0.2**
	Non-infectious	**N/A**	**6.3**	**N/A**	**18.2**	**N/A**	**11.0**	**0.3**
	Total syphilis	**N/A**	**6.1**	**N/A**	**23.3**	**N/A**	**10.6**	**0.3**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = ASR (Aboriginal) / ASR (non-Aboriginal)
Total syphilis = Infectious syphilis + Non-infectious syphilis
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 30 Number and proportion of syphilis notifications by where infection was acquired, disease status and sex, WA, 2024

Where infection acquired	Disease stage	Sex				WA (Total)	
		Male		Female			
		Number	%Total	Number	%Total	Number	%Total
WA	Infectious	316	64.2%	176	35.8%	492	81.2%
	Non-infectious	62	57.9%	45	42.1%	107	39.3%
	Total syphilis	378	63.1%	221	36.9%	599	68.2%
Interstate	Infectious	16	94.1%	1	5.9%	17	2.8%
	Non-infectious	6	46.2%	7	53.8%	13	4.8%
	Total syphilis	22	73.3%	8	26.7%	30	3.4%
Overseas	Infectious	42	95.5%	2	4.5%	44	7.3%
	Non-infectious	15	65.2%	8	34.8%	23	8.5%
	Total syphilis	57	85.1%	10	14.9%	67	7.6%
Unknown	Infectious	40	75.5%	13	24.5%	53	8.7%
	Non-infectious	71	55.0%	57	44.2%	129	47.4%
	Total syphilis	111	61.0%	70	38.5%	182	20.7%
Total	**Infectious**	**414**	**68.3%**	**192**	**31.7%**	**606**	**69.0%**
	Non-infectious	**154**	**56.6%**	**117**	**43.0%**	**272**	**31.0%**
	Total syphilis	**568**	**64.7%**	**309**	**35.2%**	**878**	**100.0%**

Notes: Number = Number of notifications reported to the DoH
% Total = Number of notifications (Where infection acquired and Disease status) / Total number of notifications (Sex) or overall
Total syphilis = Infectious syphilis + Non-infectious syphilis
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 31 Number and crude rate of infectious syphilis notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	63	1,835	284	1,477	229	38	1,440	604	5,970
Crude rate	13.0	22.0	111.0	26.0	12.0	7.0	21.0	20.0	22.0

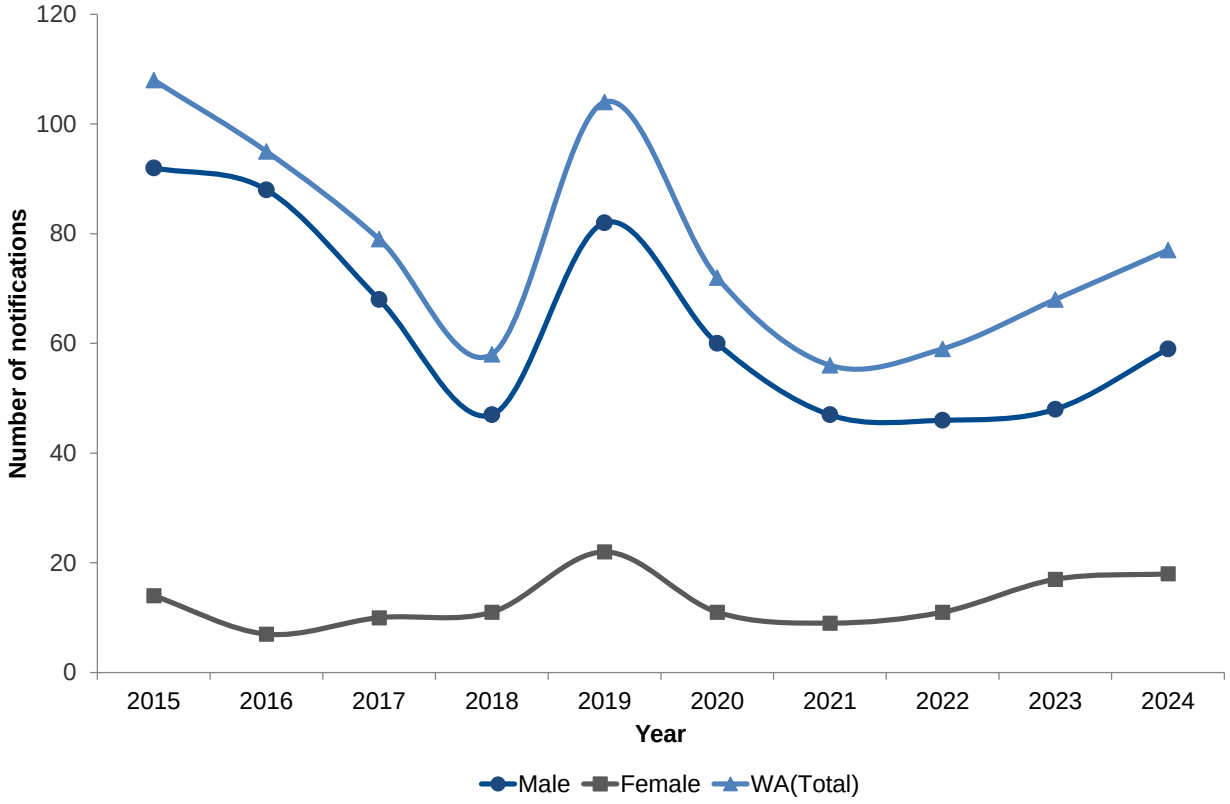
Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision. The follow-up and allocation of cases to infectious syphilis is highly dependent on public health follow-up, which is variable between jurisdictions. Trends between infectious and non-infectious syphilis cases within jurisdictions and over time therefore need to be interpreted cautiously.

Table 32 Number and crude rate of non-infectious syphilis notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	20	919	71	416	110	22	1,123	272	2,953
Crude rate	4.0	11.0	28.0	7.0	6.0	4.0	16.0	9.0	11.0

Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision. The follow-up and allocation of cases to infectious syphilis is highly dependent on public health follow-up, which is variable between jurisdictions. Trends between infectious and non-infectious syphilis cases within jurisdictions and over time therefore need to be interpreted cautiously.

Figure 10 Number of HIV notifications by sex, WA, 2015 to 2024



Notes: WA (Total) includes two notifications in 2015, one notification in 2017, one notification in 2020, two notifications in 2022 and three notifications in 2023 among transgender people

Table 33 Number and ASR of HIV notifications by sex, WA, 2024

Notifications	Sex			Ratio (Male:Female)
	Male	Female	Total	
Number	59	18	77	3.3
ASR	4.2	1.3	2.8	3.2

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)

Table 34 Number, crude rate and ASR of HIV notifications, WA, 2015 to 2024

Rate	Year									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Number	108	95	105	58	104	72	56	59	68	77
Crude	4.3	3.7	4.1	2.2	3.9	2.7	2.0	2.1	2.4	2.7
ASR	4.3	3.7	4.0	2.2	3.9	2.7	2.1	2.1	2.5	2.8

Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population

Figure 11 Number of HIV notifications by Aboriginality, WA, 2015 to 2024

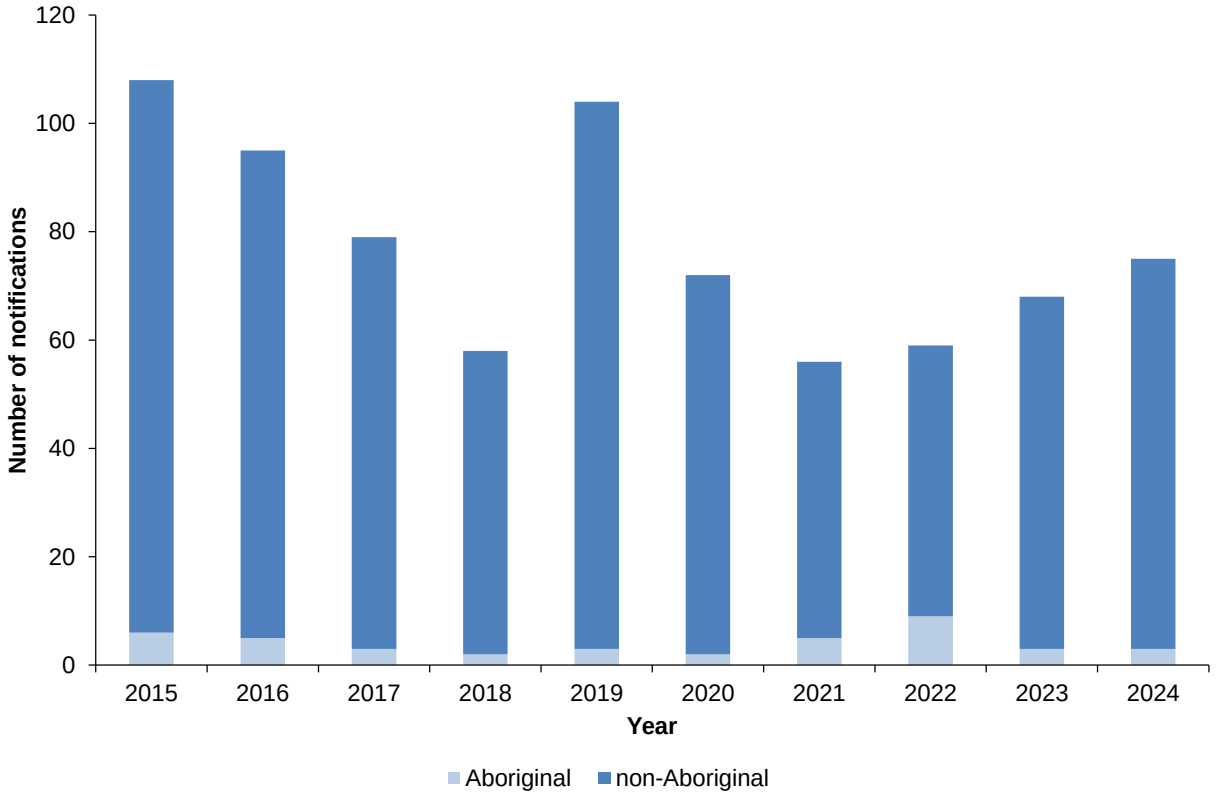
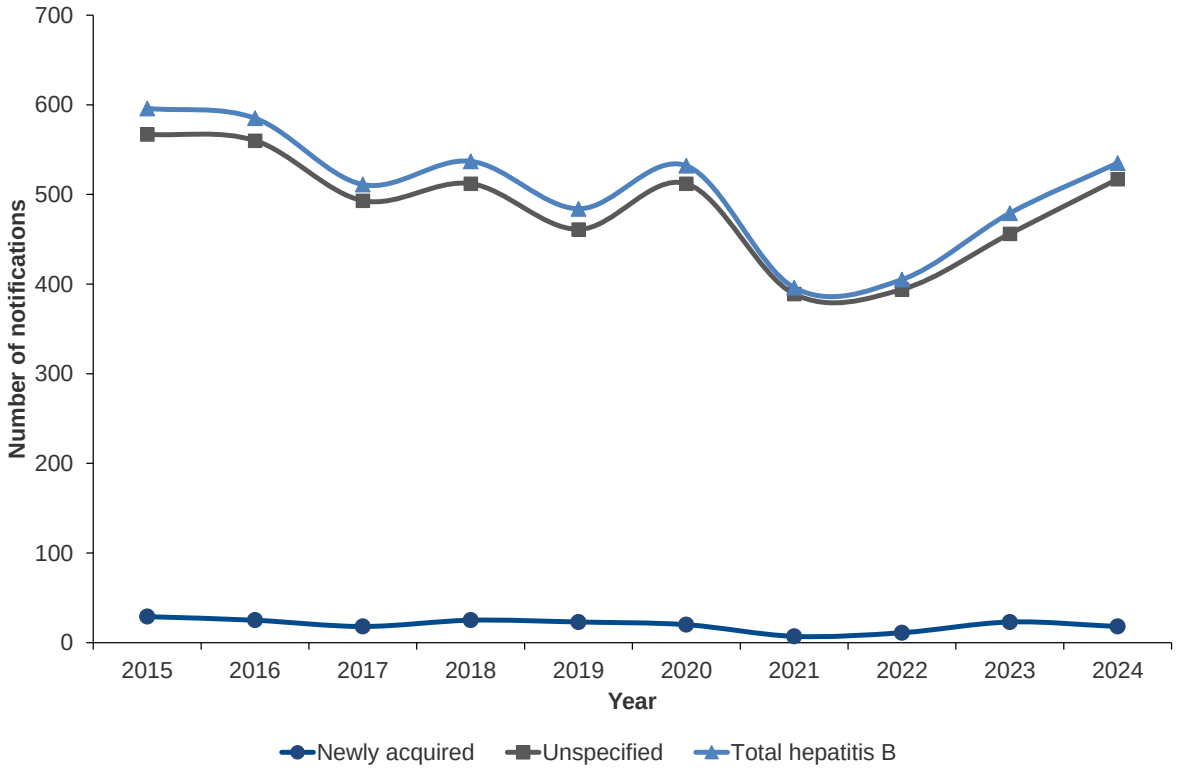


Table 35 Number of HIV notifications by Aboriginality, WA, 2020 to 2024

Year	Aboriginality						Total		Rate ratio (Aboriginal: Non-Aboriginal)
	Aboriginal			Non-Aboriginal					
	Number	Percent	ASR	Number	Percent	ASR	Number	ASR	
2020	2	2.8%	2.5	70	97.2%	2.7	72	2.7	0.9
2021	5	8.9%	5.3	51	91.1%	1.9	56	2.1	2.7
2022	9	15.3%	9.0	50	84.7%	1.9	59	2.1	4.8
2023	3	4.4%	2.8	65	95.6%	2.4	68	2.5	1.2
2024	3	3.9%	2.4	74	96.1%	2.8	77	2.8	0.9

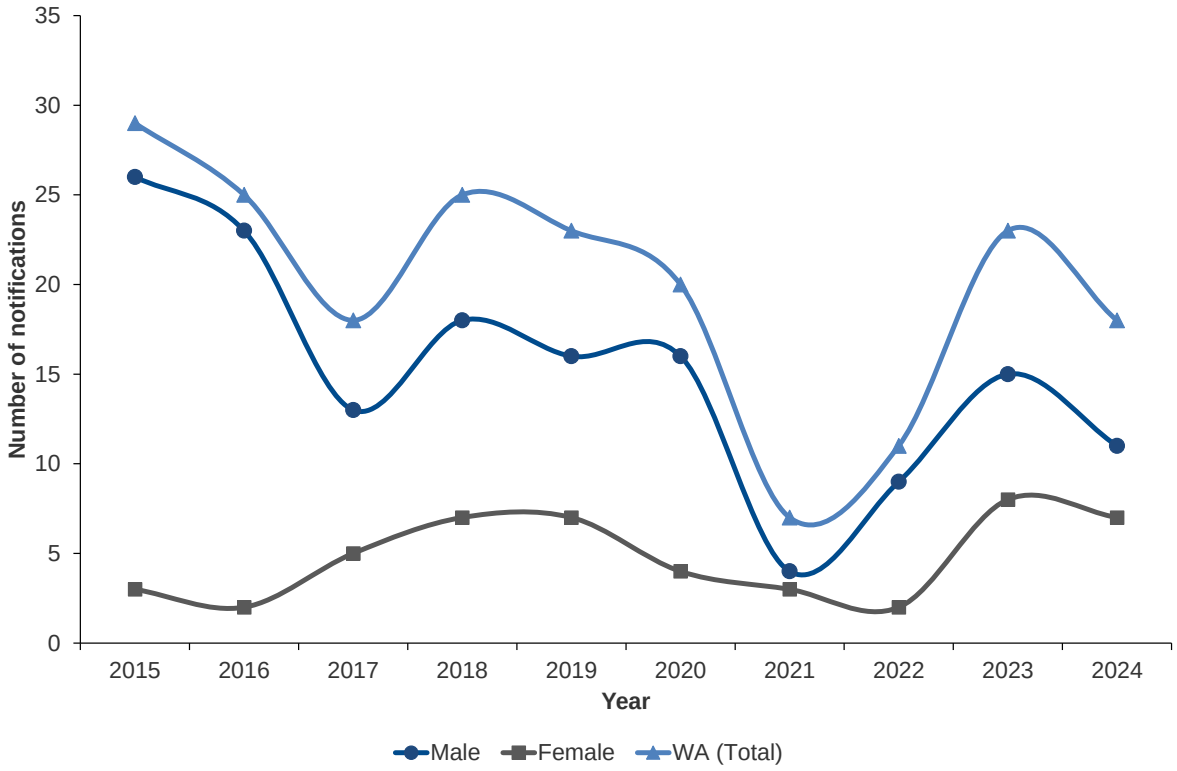
Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Aboriginal:non-Aboriginal) = ASR (Aboriginal) / ASR (non-Aboriginal)

Figure 12 Number of hepatitis B notifications by disease status, WA, 2015 to 2024



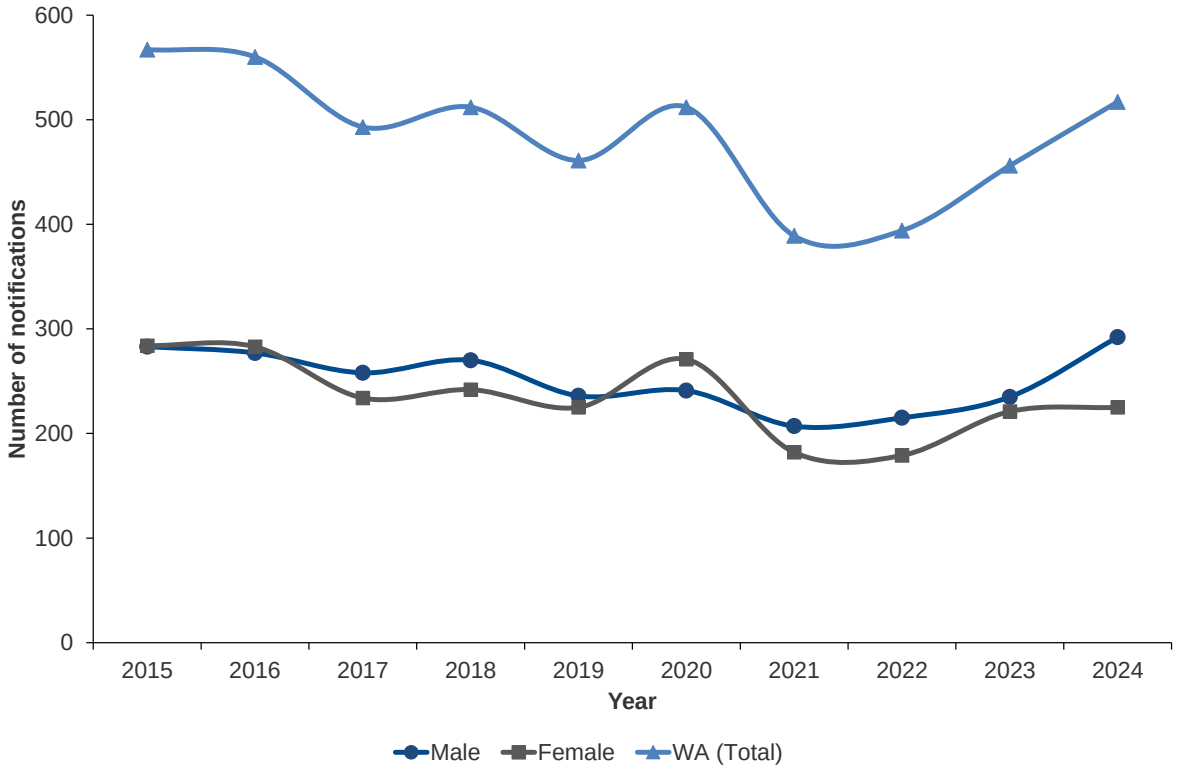
Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 13 Number of newly acquired hepatitis B notifications by sex, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 14 Number of unspecified hepatitis B notifications by sex, WA, 2015 to 2024



Notes: WA (Total) includes one notification in 2017 in a transgender person
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 36 Number, crude rate and ASR of hepatitis B notifications by region and sex, WA, 2024

Region	Disease stage	Sex						Rate ratio (Male:Female)
		Male		Female		Total		
		Number	ASR	Number	ASR	Number	ASR	
Goldfields	Newly acquired	1	3.3	0	0.0	1	1.7	N/A
	Unspecified	1	3.0	4	15.3	5	8.5	0.2
	Total hepatitis B	2	6.2	4	15.3	6	10.2	0.4
Great Southern	Newly acquired	1	4.2	0	0.0	1	2.1	N/A
	Unspecified	1	4.2	0	0.0	1	2.1	N/A
	Total hepatitis B	2	8.5	0	0.0	2	4.3	N/A
Kimberley	Newly acquired	0	0.0	0	0.0	0	0.0	N/A
	Unspecified	6	29.1	6	29.5	12	29.8	1.0
	Total hepatitis B	6	29.1	6	29.5	12	29.8	1.0
Metropolitan	Newly acquired	9	0.8	5	0.5	14	0.7	1.8
	Unspecified	253	21.9	187	15.9	440	18.9	1.4
	Total hepatitis B	262	22.8	192	16.4	454	19.5	1.4
Midwest	Newly acquired	0	0.0	0	0.0	0	0.0	N/A
	Unspecified	11	33.9	6	15.0	17	24.6	2.3
	Total hepatitis B	11	33.9	6	15.0	17	24.6	2.3
Pilbara	Newly acquired	0	0.0	0	0.0	0	0.0	N/A
	Unspecified	9	24.7	12	51.1	21	35.9	0.5
	Total hepatitis B	9	24.7	12	51.1	21	35.9	0.5
South West	Newly acquired	0	0.0	2	2.5	2	1.2	0.0
	Unspecified	6	6.3	5	6.1	11	6.2	1.0
	Total hepatitis B	6	6.3	7	8.6	13	7.5	0.7
Wheatbelt	Newly acquired	0	0.0	0	0.0	0	0.0	N/A
	Unspecified	2	4.4	3	9.5	5	6.9	0.5
	Total hepatitis B	2	4.4	3	9.5	5	6.9	0.5
WA (Total)	**Newly acquired**	**11**	**0.8**	**7**	**0.5**	**18**	**0.7**	**1.6**
	Unspecified	**292**	**20.3**	**225**	**15.6**	**517**	**17.9**	**1.3**
	Total hepatitis B	**303**	**21.1**	**232**	**16.1**	**535**	**18.6**	**1.3**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Total hepatitis B = Newly acquired hepatitis B + Unspecified hepatitis B
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 37 Number, crude rate and ASR of newly acquired hepatitis B notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	1	0	0	1	2	1	0	0	2	1
	Crude	1.7	0.0	0.0	1.8	3.6	1.8	0.0	0.0	3.5	1.7
	ASR	1.6	0.0	0.0	1.7	3.6	1.7	0.0	0.0	3.5	1.7
Great Southern	Number	0	0	0	0	2	0	0	1	0	1
	Crude	0.0	0.0	0.0	0.0	3.2	0.0	0.0	1.6	0.0	1.5
	ASR	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.9	0.0	2.1
Kimberley	Number	0	0	0	1	0	0	0	0	1	0
	Crude	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	2.5	0.0
	ASR	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.3	0.0
Metropolitan	Number	24	22	13	20	16	11	7	5	16	14
	Crude	1.2	1.1	0.6	1.0	0.8	0.5	0.3	0.2	0.7	0.6
	ASR	1.2	1.1	0.6	1.0	0.7	0.5	0.3	0.2	0.7	0.7
Midwest	Number	0	0	0	0	0	2	0	0	0	0
	Crude	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0
	ASR	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0
Pilbara	Number	1	0	0	1	1	1	0	1	1	0
	Crude	1.6	0.0	0.0	1.7	1.7	1.7	0.0	1.7	1.7	0.0
	ASR	1.6	0.0	0.0	1.9	2.6	2.5	0.0	1.2	2.3	0.0
South West	Number	3	2	5	2	2	3	0	4	3	2
	Crude	1.7	1.1	2.8	1.1	1.1	1.6	0.0	2.1	1.5	1.0
	ASR	1.9	1.2	2.8	1.0	0.8	1.7	0.0	2.0	1.2	1.2
Wheatbelt	Number	0	1	0	0	0	1	0	0	0	0
	Crude	0.0	1.3	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
	ASR	0.0	1.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0
WA (Total)	**Number**	**29**	**25**	**18**	**25**	**23**	**20**	**7**	**11**	**23**	**18**
	Crude	**1.1**	**1.0**	**0.7**	**1.0**	**0.9**	**0.7**	**0.3**	**0.4**	**0.8**	**0.6**
	ASR	**1.2**	**1.0**	**0.7**	**1.0**	**0.8**	**0.7**	**0.3**	**0.4**	**0.8**	**0.7**

Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 38 Number, crude rate and ASR of unspecified hepatitis B notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	14	15	12	15	14	11	4	7	8	5
	Crude	23.9	26.5	21.2	26.7	24.9	19.5	7.0	12.3	14.0	8.7
	ASR	23.0	27.3	24.0	26.7	27.6	18.9	7.3	11.4	15.2	8.5
Great Southern	Number	3	5	4	4	7	1	6	4	7	1
	Crude	5.0	8.3	6.6	6.5	11.2	1.6	9.4	6.2	10.7	1.5
	ASR	6.0	9.0	8.5	7.5	12.1	1.1	12.0	7.8	13.5	2.1
Kimberley	Number	9	7	13	20	6	19	11	10	11	12
	Crude	24.3	19.2	35.5	54.0	16.0	49.8	28.4	25.7	27.9	30.0
	ASR	22.7	20.9	45.6	56.3	15.8	49.9	29.6	30.1	26.9	29.8
Metropolitan	Number	490	492	424	428	398	434	314	331	395	440
	Crude	24.5	24.3	20.7	20.6	18.8	20.0	14.3	14.8	17.4	19.1
	ASR	24.0	24.2	20.5	20.3	18.5	19.7	13.9	14.7	17.1	18.9
Midwest	Number	10	4	12	7	4	10	12	11	8	17
	Crude	29.9	12.2	36.4	21.1	12.0	29.5	34.9	31.8	22.8	47.7
	ASR	29.3	11.2	36.5	22.8	12.5	33.3	40.6	36.2	23.2	48.4
Pilbara	Number	19	11	13	15	15	17	19	12	11	21
	Crude	30.1	17.9	21.5	25.2	25.4	28.9	32.6	20.4	18.8	36.1
	ASR	28.0	37.3	26.7	19.9	31.9	34.2	36.0	21.1	22.1	35.9
South West	Number	16	16	5	19	13	8	15	11	5	11
	Crude	9.2	9.1	2.8	10.5	7.1	4.3	7.9	5.7	2.5	5.5
	ASR	10.0	9.8	3.0	10.6	6.5	4.7	8.2	6.3	2.4	6.2
Wheatbelt	Number	3	7	7	3	2	11	5	4	4	5
	Crude	3.8	9.1	9.1	3.9	2.6	14.3	6.4	5.1	5.1	6.3
	ASR	4.8	10.5	11.0	4.8	2.0	15.7	8.3	6.2	7.3	6.9
WA (Total)	**Number**	**567**	**560**	**493**	**512**	**461**	**512**	**389**	**394**	**456**	**517**
	Crude	**0.0**	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**	**0.3**	**0.0**
	ASR	**22.1**	**22.0**	**19.0**	**19.3**	**17.0**	**18.5**	**13.9**	**14.0**	**15.8**	**17.9**

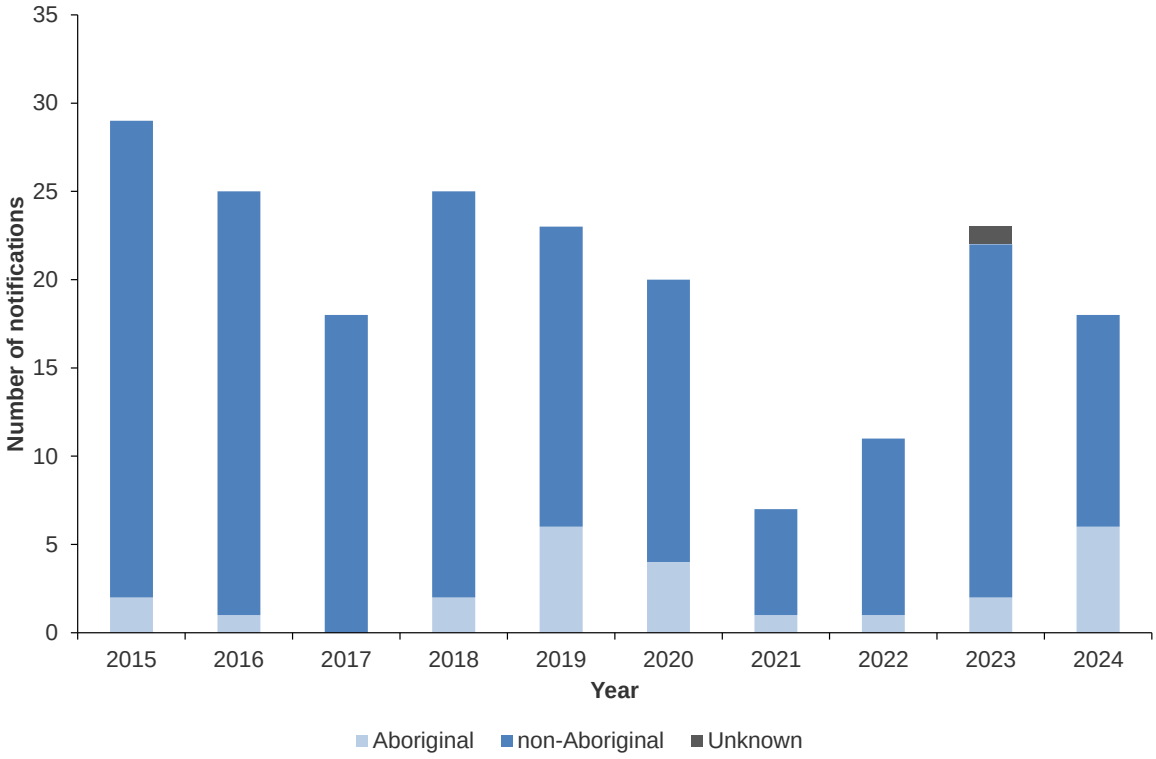
Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 39 Number, crude rate and ASR of total hepatitis B notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	15	15	12	16	16	12	4	7	10	6
	Crude	25.6	26.5	21.2	28.4	28.5	21.3	7.0	12.3	17.5	10.5
	ASR	24.6	27.3	24.0	28.4	31.2	20.6	7.3	11.4	18.7	10.2
Great Southern	Number	3	5	4	4	9	1	6	5	7	2
	Crude	5.0	8.3	6.6	6.5	14.4	1.6	9.4	7.8	10.7	3.0
	ASR	6.0	9.0	8.5	7.5	15.6	1.1	12.0	8.7	13.5	4.3
Kimberley	Number	9	7	13	21	6	19	11	10	12	12
	Crude	24.3	19.2	35.5	56.7	16.0	49.8	28.4	25.7	30.4	30.0
	ASR	22.7	20.9	45.6	58.9	15.8	49.9	29.6	30.1	29.2	29.8
Metropolitan	Number	514	514	437	448	414	445	321	336	411	454
	Crude	25.7	25.4	21.3	21.5	19.5	20.5	14.6	15.1	18.1	19.7
	ASR	25.2	25.3	21.1	21.2	19.2	20.2	14.3	14.9	17.8	19.5
Midwest	Number	10	4	12	7	4	12	12	11	8	17
	Crude	29.9	12.2	36.4	21.1	12.0	35.5	34.9	31.8	22.8	47.7
	ASR	29.3	11.2	36.5	22.8	12.5	39.8	40.6	36.2	23.2	48.4
Pilbara	Number	20	11	13	16	16	18	19	13	12	21
	Crude	31.7	17.9	21.5	26.8	27.1	30.6	32.6	22.1	20.5	36.1
	ASR	29.6	37.3	26.7	21.8	34.4	36.7	36.0	22.3	24.4	35.9
South West	Number	19	18	10	21	15	11	15	15	8	13
	Crude	10.9	10.3	5.6	11.6	8.2	5.9	7.9	7.7	4.1	6.5
	ASR	11.9	11.0	5.8	11.5	7.2	6.4	8.2	8.3	3.6	7.5
Wheatbelt	Number	3	8	7	3	2	12	5	4	4	5
	Crude	3.8	10.4	9.1	3.9	2.6	15.6	6.4	5.1	5.1	6.3
	ASR	4.8	12.2	11.0	4.8	2.0	17.5	8.3	6.2	7.3	6.9
WA (Total)	**Number**	**596**	**585**	**511**	**537**	**484**	**532**	**396**	**405**	**479**	**535**
	Crude	**1.1**	**1.0**	**0.7**	**1.1**	**0.9**	**0.9**	**0.3**	**0.4**	**1.1**	**0.7**
	ASR	**23.2**	**23.0**	**19.7**	**20.3**	**17.9**	**19.2**	**14.1**	**14.4**	**16.6**	**18.6**

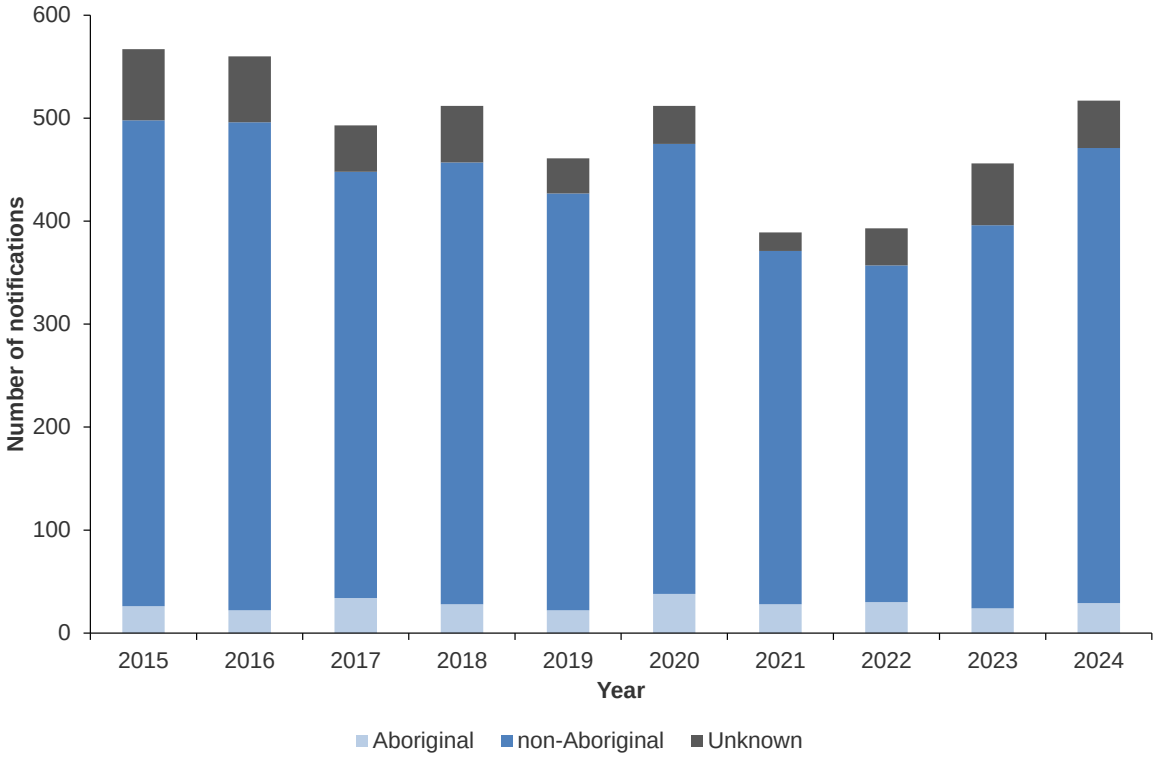
Notes: Total hepatitis B = Newly acquired hepatitis B + Unspecified hepatitis B
Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 15 Number of newly acquired hepatitis B notifications by Aboriginality, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 16 Number of unspecified hepatitis B notifications by Aboriginality, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 40 Number and ASR of hepatitis B notifications by region, disease status and Aboriginality, WA, 2024

Region	Disease stage	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	ASR	Number	ASR	Number	%Total	Number	ASR	
Goldfields	Newly acquired	0	0.0	1	1.9	0	0.0%	1	1.7	0.0
	Unspecified	0	0.0	5	9.6	0	0.0%	5	8.5	0.0
	Total hepatitis B	0	0.0	6	11.5	0	0.0%	6	10.2	0.0
Great Southern	Newly acquired	0	0.0	1	2.3	0	0.0%	1	2.1	0.0
	Unspecified	0	0.0	1	2.3	0	0.0%	1	2.1	0.0
	Total hepatitis B	0	0.0	2	4.6	0	0.0%	2	4.3	0.0
Kimberley	Newly acquired	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Unspecified	6	33.1	6	23.0	0	0.0%	12	29.8	1.4
	Total hepatitis B	6	33.1	6	23.0	0	0.0%	12	29.8	1.4
Metropolitan	Newly acquired	6	7.9	8	0.4	0	0.0%	14	0.7	20.7
	Unspecified	9	19.6	387	17.1	44	10.0%	440	18.9	1.1
	Total hepatitis B	15	27.4	395	17.5	44	9.7%	454	19.5	1.6
Midwest	Newly acquired	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Unspecified	6	76.3	10	17.3	1	5.9%	17	24.6	4.4
	Total hepatitis B	6	76.3	10	17.3	1	5.9%	17	24.6	4.4
Pilbara	Newly acquired	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Unspecified	8	72.8	13	28.2	0	0.0%	21	35.9	2.6
	Total hepatitis B	8	72.8	13	28.2	0	0.0%	21	35.9	2.6
South West	Newly acquired	0	0.0	2	1.3	0	0.0%	2	1.2	0.0
	Unspecified	0	0.0	11	6.4	0	0.0%	11	6.2	0.0
	Total hepatitis B	0	0.0	13	7.7	0	0.0%	13	7.5	0.0
Wheatbelt	Newly acquired	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Unspecified	0	0.0	4	6.7	1	20.0%	5	6.9	0.0
	Total hepatitis B	0	0.0	4	6.7	1	20.0%	5	6.9	0.0
WA (Total)	**Newly acquired**	**6**	**4.1**	**18**	**0.7**	**0**	0.0%	**18**	**0.7**	**5.7**
	Unspecified	**29**	**28.6**	**442**	**16.1**	**46**	**8.9%**	**517**	**17.9**	**1.8**
	Total hepatitis B	**35**	**32.7**	**460**	**16.8**	**46**	**8.6%**	**535**	**18.6**	**1.9**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Region and Disease status)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = ASR (Aboriginal) / ASR (non-Aboriginal)
Total hepatitis B = Newly acquired hepatitis B + Unspecified hepatitis B
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 41 Number and ASR of hepatitis B notifications by Aboriginality, disease status and sex, WA, 2024

Aboriginality	Disease stage	Sex				Total		Rate ratio (Male:Female)
		Male		Female				
		Number	ASR	Number	ASR	Number	ASR	
Aboriginal	Newly acquired	4	5.2	2	2.8	6	4.1	1.3
	Unspecified	20	37.6	9	19.4	29	28.6	1.9
	Total hepatitis B	24	42.8	11	22.2	35	32.7	1.9
non-Aboriginal	Newly acquired	7	0.5	5	0.4	12	0.5	1.2
	Unspecified	239	17.4	203	14.8	442	16.1	1.2
	Total hepatitis B	246	17.9	208	15.2	454	16.5	1.2
WA (Total)	Newly acquired	11	0.8	7	0.5	18	0.7	1.2
	Unspecified	292	20.3	225	15.6	517	17.9	1.3
	Total hepatitis B	303	21.1	232	16.1	535	18.6	1.3
Rate ratio (Aboriginal:non-Aboriginal)	**Newly acquired**	**N/A**	**9.5**	**N/A**	**7.3**	**N/A**	**8.7**	**1.1**
	Unspecified	**N/A**	**2.2**	**N/A**	**1.3**	**N/A**	**1.8**	**1.6**
	Total hepatitis B	**N/A**	**2.4**	**N/A**	**1.5**	**N/A**	**2.0**	**1.6**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Total hepatitis B = Newly acquired hepatitis B + Unspecified hepatitis B
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 42 Number and proportion of hepatitis B notifications by where infection was acquired, disease status and sex, WA, 2024

Where infection acquired	Disease stage	Sex				WA (Total)	
		Male		Female			
		Number	% Total	Number	% Total	Number	% Total
WA	Newly acquired	5	50.0%	5	50.0%	10	55.6%
	Unspecified	19	59.4%	13	40.6%	32	6.2%
	Total hepatitis B	24	57.1%	18	42.9%	42	7.9%
Interstate	Newly acquired	0	N/A	0	N/A	0	0.0%
	Unspecified	2	66.7%	1	33.3%	3	0.6%
	Total hepatitis B	2	66.7%	1	33.3%	3	0.6%
Overseas	Newly acquired	2	50.0%	2	50.0%	4	22.2%
	Unspecified	91	48.4%	97	51.6%	188	36.4%
	Total hepatitis B	93	48.4%	99	51.6%	192	35.9%
Unknown	Newly acquired	4	100.0%	0	0.0%	4	22.2%
	Unspecified	180	61.2%	114	38.8%	294	56.9%
	Total hepatitis B	184	61.7%	114	38.3%	298	55.7%
Total	**Newly acquired**	**11**	**61.1%**	**7**	**38.9%**	**18**	**100.0%**
	Unspecified	**292**	**56.5%**	**225**	**43.5%**	**517**	**100.0%**
	Total hepatitis B	**303**	**56.6%**	**232**	**43.4%**	**535**	**100.0%**

Notes: Number = Number of notifications reported to the DoH
% Total = Number of notifications (Where infection acquired and Disease status) / Total number of notifications (Sex) or overall
Total hepatitis B = Newly acquired hepatitis B + Unspecified hepatitis B
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 43 Number and crude rate of newly acquired hepatitis B notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	0	14	3	33	2	1	10	17	80
Crude rate	0.0	0.2	1.0	0.6	0.1	0.2	0.1	0.6	0.3

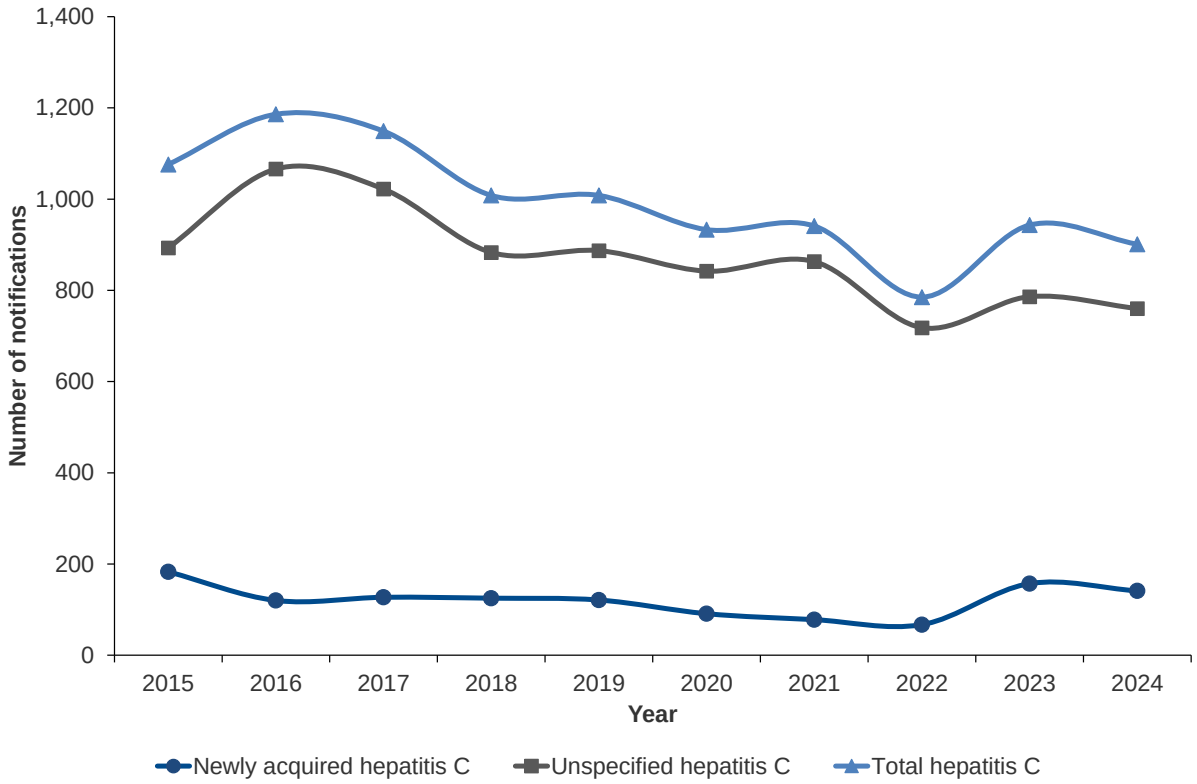
Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision. The follow-up and allocation of cases to newly acquired hepatitis B is highly dependent on public health follow-up which is variable between jurisdictions. Trends between newly acquired and unspecified hepatitis B cases within jurisdictions and over time therefore need to be interpreted cautiously.

Table 44 Number and crude rate of unspecified hepatitis B notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	91	2,094	115	919	261	59	1,476	519	5,534
Crude rate	19.0	25.0	45.0	16.0	14.0	10.0	21.0	18.0	21.0

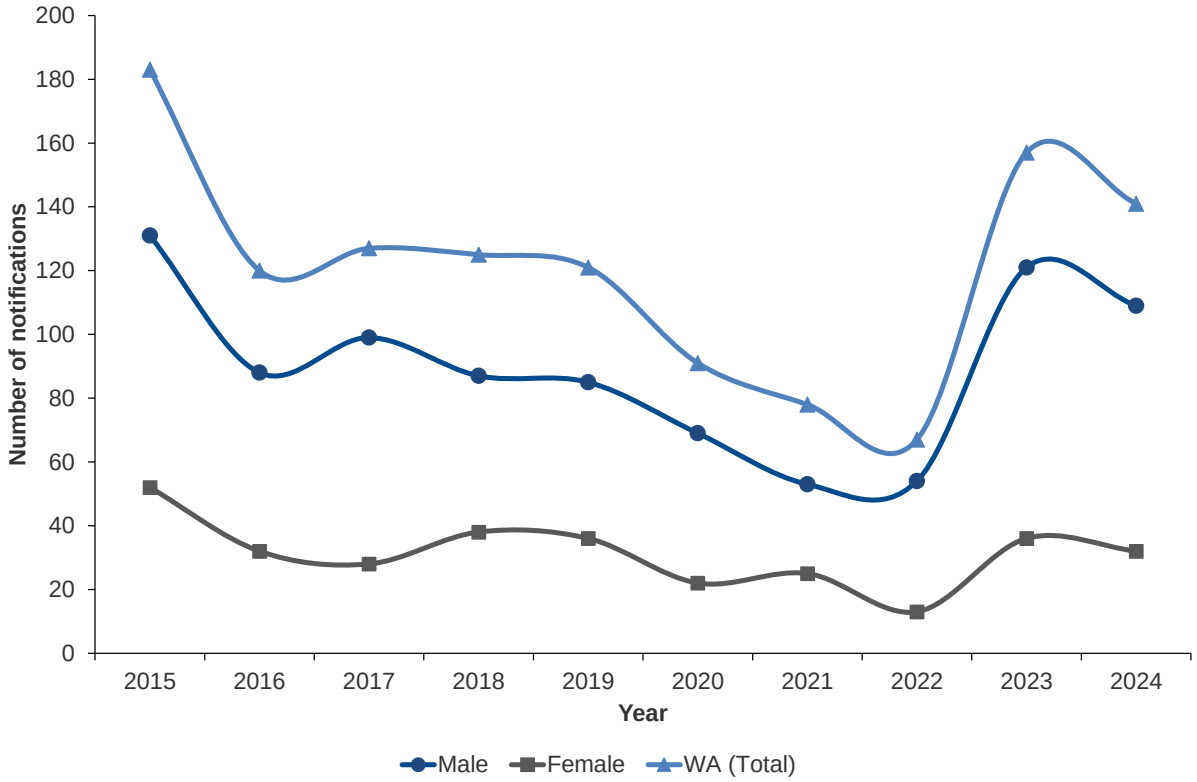
Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision. The follow-up and allocation of cases to newly acquired hepatitis B is highly dependent on public health follow-up which is variable between jurisdictions. Trends between newly acquired and unspecified hepatitis B cases within jurisdictions and over time therefore need to be interpreted cautiously.

Figure 17 Number of hepatitis C notifications by disease status, WA, 2015 to 2024



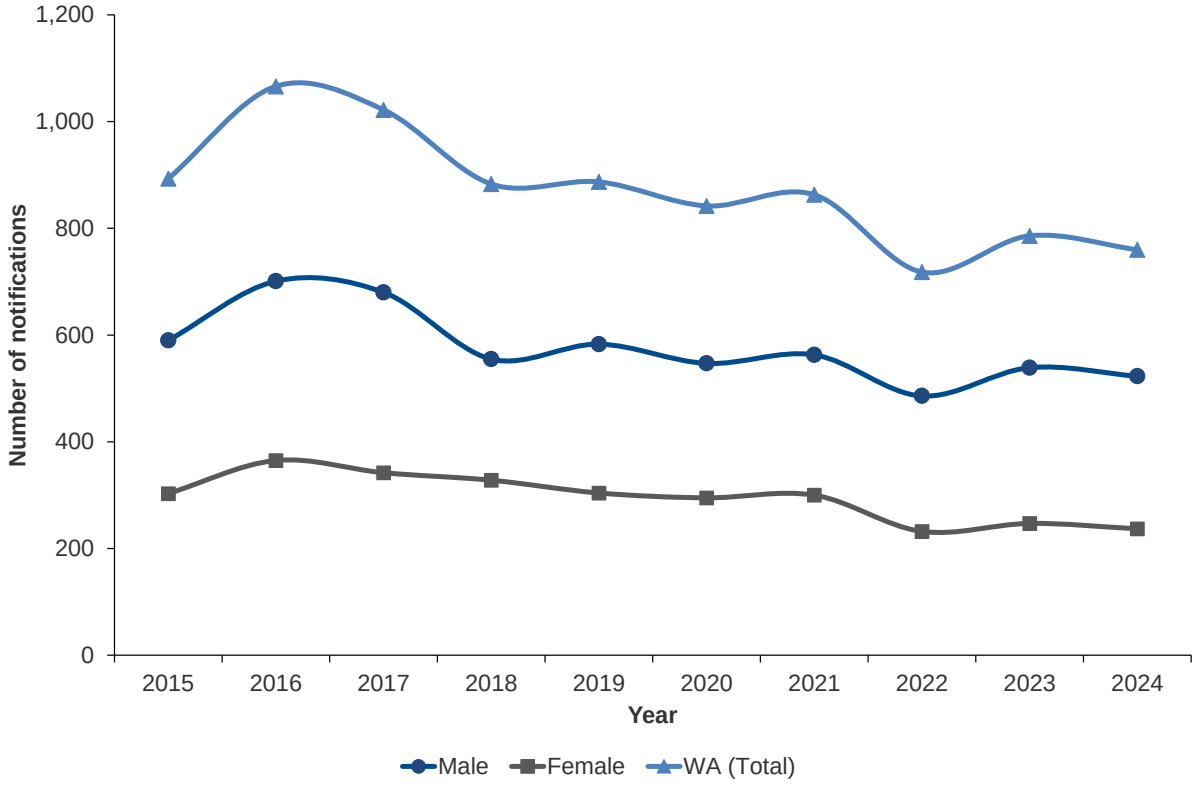
Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 18 Number of newly acquired hepatitis C notifications by sex, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 19 Number of unspecified hepatitis C notifications by sex, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 45 Number and ASR of hepatitis C notifications by region and sex, WA, 2024

Region	Disease stage	Sex						Rate ratio (Male:Female)
		Male		Female		Total		
		Number	ASR	Number	ASR	Number	ASR	
Goldfields	Newly acquired	4	13.2	2	7.5	6	10.6	1.8
	Unspecified	14	43.0	7	28.3	21	35.8	1.5
	Total hepatitis C	18	56.2	9	35.8	27	46.4	1.6
Great Southern	Newly acquired	11	46.5	3	11.0	14	28.9	4.2
	Unspecified	21	81.8	6	21.0	27	52.2	3.9
	Total hepatitis C	32	128.2	9	32.0	41	81.1	4.0
Kimberley	Newly acquired	2	9.8	0	0.0	2	4.7	N/A
	Unspecified	15	75.3	5	21.2	20	47.7	3.5
	Total hepatitis C	17	85.1	5	21.2	20	52.4	4.0
Metropolitan	Newly acquired	82	7.5	23	2.1	105	4.8	3.6
	Unspecified	387	34.0	176	14.9	563	24.5	2.3
	Total hepatitis C	469	41.5	199	17.0	668	29.3	2.4
Midwest	Newly acquired	4	13.5	1	3.7	5	8.9	3.7
	Unspecified	27	84.5	12	34.9	39	60.8	2.4
	Total hepatitis C	31	98.0	13	38.6	44	69.6	2.5
Pilbara	Newly acquired	2	7.2	1	5.1	3	6.1	1.4
	Unspecified	15	44.2	8	34.7	23	40.6	1.3
	Total hepatitis C	17	51.3	9	39.8	26	46.8	1.3
South West	Newly acquired	4	5.5	2	1.5	6	3.6	3.7
	Unspecified	32	34.1	15	15.8	47	24.9	2.2
	Total hepatitis C	36	39.6	17	17.3	53	28.5	2.3
Wheatbelt	Newly acquired	0	0.0	0	0.0	0	0.0	N/A
	Unspecified	11	29.0	8	17.4	19	22.9	1.7
	Total hepatitis C	11	29.0	8	17.4	19	22.9	1.7
WA (Total)	**Newly acquired**	**109**	**8.2**	**32**	**2.4**	**141**	**5.3**	**3.4**
	Unspecified	**523**	**36.9**	**237**	**16.3**	**760**	**26.7**	**2.3**
	Total hepatitis C	**632**	**45.1**	**269**	**18.7**	**901**	**32.1**	**2.4**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Total hepatitis C = Newly acquired hepatitis C + Unspecified hepatitis C
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 46 Number, crude rate and ASR of newly acquired hepatitis C notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	8	5	1	6	7	2	0	2	2	6
	Crude	13.7	8.8	1.8	10.7	12.5	3.6	0.0	3.5	3.5	10.5
	ASR	13.1	8.9	1.9	10.4	12.5	3.8	0.0	4.1	4.1	10.6
Great Southern	Number	14	6	12	9	9	2	0	6	12	14
	Crude	23.2	10.0	19.7	14.6	14.4	3.2	0.0	9.3	18.4	21.3
	ASR	31.3	13.1	27.3	20.3	20.5	4.6	0.0	12.9	26.3	28.9
Kimberley	Number	1	0	2	1	2	0	0	0	1	2
	Crude	2.7	0.0	5.5	2.7	5.3	0.0	0.0	0.0	2.5	5.0
	ASR	2.0	0.0	5.5	2.2	4.8	0.0	0.0	0.0	2.1	4.7
Metropolitan	Number	144	94	94	97	89	73	74	51	133	105
	Crude	7.2	4.6	4.6	4.7	4.2	3.4	3.4	2.3	5.9	4.6
	ASR	6.8	4.5	4.5	4.7	4.3	3.5	3.5	2.4	6.2	4.8
Midwest	Number	5	6	9	6	5	2	2	2	4	5
	Crude	15.0	18.3	27.3	18.1	15.0	5.9	5.8	5.8	11.4	14.0
	ASR	17.3	21.7	31.7	21.5	18.6	7.3	5.2	6.8	14.0	17.2
Pilbara	Number	0	4	2	3	4	3	1	1	0	3
	Crude	0.0	6.5	3.3	5.0	6.8	5.1	1.7	1.7	0.0	5.2
	ASR	0.0	4.4	2.7	4.9	5.0	4.0	1.9	1.6	0.0	6.1
South West	Number	7	3	0	2	5	7	0	5	4	6
	Crude	4.0	1.7	0.0	1.1	2.7	3.7	0.0	2.6	2.0	3.0
	ASR	5.0	2.2	0.0	1.6	3.9	4.7	0.0	3.2	2.6	3.6
Wheatbelt	Number	4	2	7	1	0	2	1	0	1	0
	Crude	5.1	2.6	9.1	1.3	0.0	2.6	1.3	0.0	1.3	0.0
	ASR	6.3	1.9	11.9	1.8	0.0	3.3	1.2	0.0	1.2	0.0
WA (Total)	**Number**	**183**	**120**	**127**	**125**	**121**	**91**	**78**	**67**	**157**	**141**
	Crude	**7.2**	**4.7**	**4.9**	**4.8**	**4.5**	**3.4**	**2.8**	**2.4**	**5.5**	**4.9**
	ASR	**7.0**	**4.7**	**4.9**	**4.9**	**4.7**	**3.6**	**3.0**	**2.6**	**6.0**	**5.3**

Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 47 Number, crude rate and ASR of unspecified hepatitis C notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	26	30	23	29	43	26	18	12	20	21
	Crude	44.4	53.0	40.7	51.5	76.6	46.2	31.7	21.1	35.0	36.6
	ASR	43.0	51.7	39.7	50.7	73.5	44.7	31.0	21.4	36.1	35.8
Great Southern	Number	26	42	36	29	34	29	34	32	42	27
	Crude	43.1	69.7	59.0	47.0	54.5	45.9	53.2	49.7	64.5	41.0
	ASR	46.7	82.2	72.6	51.0	69.3	59.9	66.3	58.9	83.9	52.2
Kimberley	Number	19	15	25	11	17	17	27	21	24	20
	Crude	51.3	41.2	68.2	29.7	45.3	44.5	69.8	53.9	60.8	50.0
	ASR	60.1	42.6	63.7	30.0	46.2	42.6	69.1	52.9	57.7	47.7
Metropolitan	Number	661	798	771	668	609	627	657	528	577	563
	Crude	33.0	39.4	37.6	32.1	28.7	28.9	29.9	23.7	25.4	24.4
	ASR	32.6	39.2	37.4	31.9	28.6	29.1	30.2	23.9	25.8	24.5
Midwest	Number	41	45	43	40	50	32	38	33	30	39
	Crude	122.6	136.9	130.3	120.6	149.7	94.6	110.5	95.3	85.4	109.5
	ASR	131.5	139.5	137.8	134.1	165.0	100.8	111.4	105.0	89.3	119.2
Pilbara	Number	24	23	13	18	15	20	19	25	22	23
	Crude	38.1	37.4	21.5	30.2	25.4	34.0	32.6	42.4	37.7	39.5
	ASR	32.4	33.0	19.5	26.0	24.0	34.1	28.9	40.6	33.9	40.6
South West	Number	66	73	67	61	81	68	47	48	45	47
	Crude	37.8	41.6	37.6	33.7	44.1	36.3	24.7	24.8	22.8	23.5
	ASR	40.8	45.1	39.3	37.1	47.7	40.8	27.4	26.6	25.7	24.9
Wheatbelt	Number	28	38	43	25	36	22	22	17	20	19
	Crude	35.8	49.2	55.7	32.5	46.9	28.5	28.3	21.7	25.4	24.1
	ASR	36.9	56.3	58.7	36.6	52.9	28.0	29.9	22.6	30.1	22.9
WA (Total)	**Number**	**893**	**1,066**	**1,022**	**883**	**887**	**842**	**863**	**718**	**786**	**760**
	Crude	**35.1**	**41.7**	**39.5**	**33.7**	**33.4**	**31.0**	**31.4**	**25.7**	**27.7**	**26.4**
	ASR	**34.9**	**41.6**	**39.5**	**33.8**	**33.5**	**31.4**	**31.9**	**26.1**	**28.5**	**26.7**

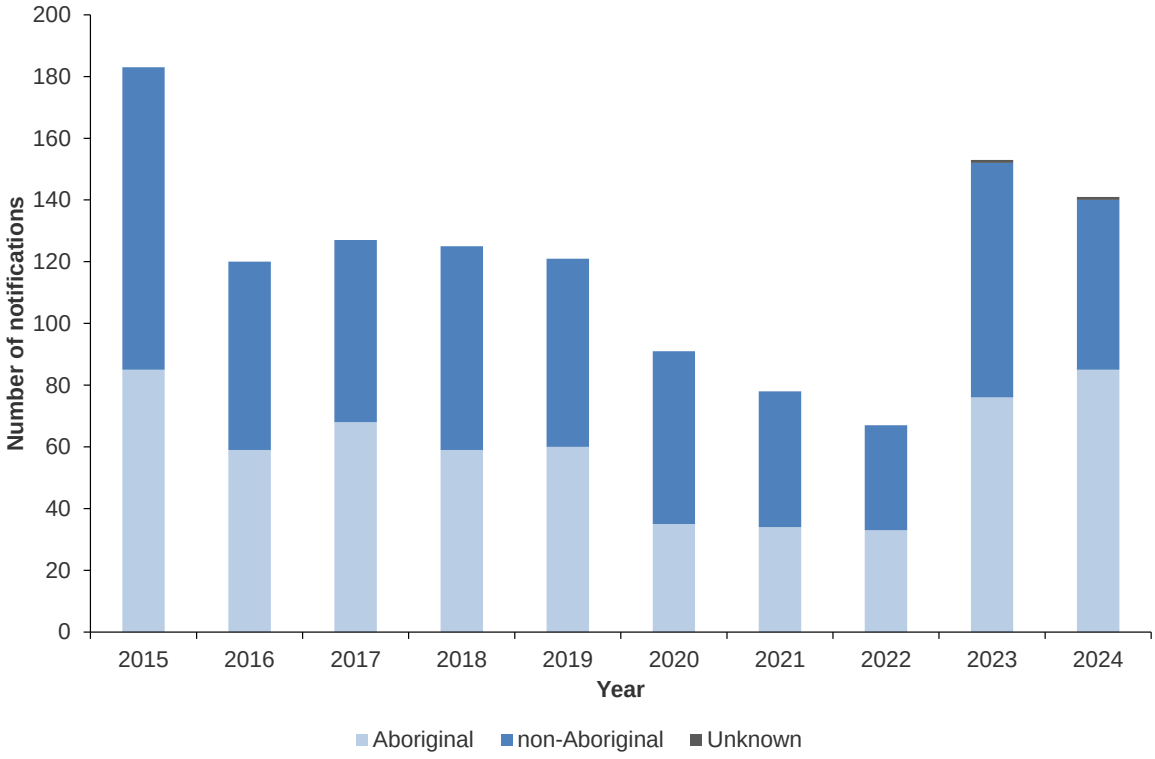
Notes: Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 48 Number, crude rate and ASR of total hepatitis C notifications by region, WA, 2015 to 2024

Region	Rate	Year									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Goldfields	Number	34	35	24	35	50	28	18	14	22	27
	Crude	58.1	61.9	42.4	62.2	89.0	49.8	31.7	24.6	38.5	47.1
	ASR	56.2	60.6	41.6	61.1	86.0	48.5	31.0	25.4	40.2	46.4
Great Southern	Number	40	48	48	38	43	31	34	38	54	41
	Crude	66.3	79.7	78.7	61.6	68.9	49.0	53.2	59.0	82.9	62.3
	ASR	78.0	95.3	99.9	71.3	89.8	64.4	66.3	71.8	110.2	81.1
Kimberley	Number	20	15	27	12	19	17	27	21	25	22
	Crude	54.0	41.2	73.7	32.4	50.7	44.5	69.8	53.9	63.3	55.0
	ASR	62.1	42.6	69.2	32.2	51.0	42.6	69.1	52.9	59.8	52.4
Metropolitan	Number	805	892	865	765	698	700	731	579	710	668
	Crude	40.2	44.1	42.2	36.8	32.9	32.3	33.3	26.0	31.3	29.0
	ASR	39.5	43.8	41.9	36.6	32.9	32.6	33.7	26.3	32.0	29.3
Midwest	Number	46	51	52	46	55	34	40	35	34	44
	Crude	137.5	155.1	157.5	138.7	164.6	100.5	116.3	101.1	96.8	123.5
	ASR	148.8	161.2	169.5	155.6	183.6	108.2	116.7	111.8	103.3	136.4
Pilbara	Number	24	27	15	21	19	23	20	26	22	26
	Crude	38.1	43.9	24.8	35.2	32.2	39.1	34.3	44.1	37.7	44.7
	ASR	32.4	37.4	22.3	30.9	29.0	38.1	30.8	42.2	33.9	46.8
South West	Number	73	76	67	63	86	75	47	53	49	53
	Crude	41.8	43.3	37.6	34.8	46.8	40.1	24.7	27.4	24.9	26.5
	ASR	45.8	47.3	39.3	38.6	51.6	45.5	27.4	29.8	28.3	28.5
Wheatbelt	Number	32	40	50	26	36	24	23	17	21	19
	Crude	41.0	51.8	64.7	33.8	46.9	31.1	29.6	21.7	26.7	24.1
	ASR	43.2	58.2	70.6	38.4	52.9	31.3	31.1	22.6	31.3	22.9
WA (Total)	**Number**	**1,076**	**1,186**	**1,149**	**1,008**	**1,008**	**933**	**941**	**785**	**943**	**901**
	Crude	**42.4**	**46.4**	**44.4**	**38.5**	**37.9**	**34.4**	**34.2**	**28.1**	**33.3**	**31.3**
	ASR	**41.9**	**46.3**	**44.5**	**38.7**	**38.3**	**35.0**	**34.9**	**28.6**	**34.5**	**32.1**

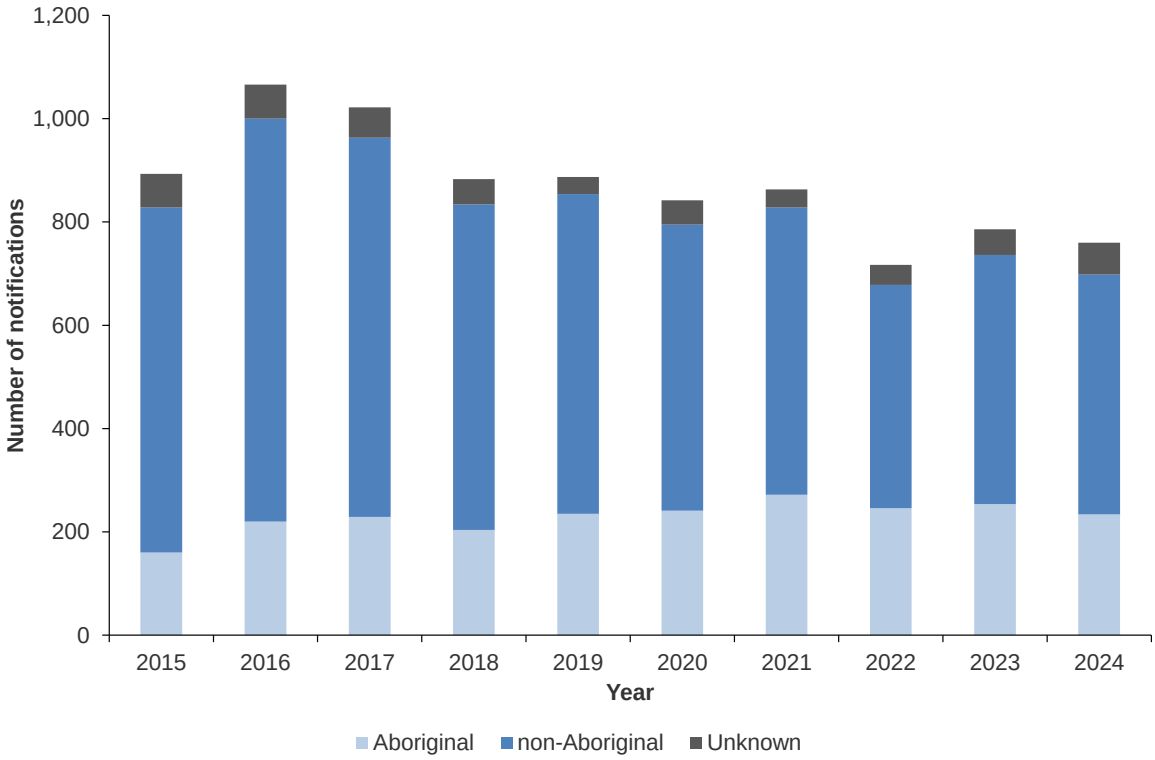
Notes: Total hepatitis C = Newly acquired hepatitis C + Unspecified hepatitis C
Number = Number of notifications reported to the DoH
Crude = Crude notification rate per 100,000 population
ASR = Age-standardised notification rate per 100,000 population
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 20 Number of newly acquired hepatitis C notifications by Aboriginality, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Figure 21 Number of unspecified hepatitis C notifications by Aboriginality, WA, 2015 to 2024



Notes: Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 49 Number and ASR of hepatitis C notifications by region, disease status and Aboriginality, WA, 2024

Region	Disease stage	Aboriginality						Total		Rate ratio (Aboriginal: non-Aboriginal)
		Aboriginal		non-Aboriginal		Unknown				
		Number	ASR	Number	ASR	Number	%Total	Number	ASR	
Goldfields	Newly acquired	5	65.4	1	1.5	0	0.0%	6	10.6	43.3
	Unspecified	9	131.0	11	20.1	1	4.8%	21	35.8	6.5
	Total hepatitis C	14	196.4	12	21.6	1	3.7%	27	46.4	9.1
Great Southern	Newly acquired	12	323.7	2	4.2	0	0.0%	14	28.9	77.8
	Unspecified	17	492.2	9	16.9	1	3.7%	27	52.2	29.1
	Total hepatitis C	29	816.0	11	21.1	1	2.4%	41	81.1	38.7
Kimberley	Newly acquired	2	8.4	0	0.0	0	N/A	0	4.7	N/A
	Unspecified	16	78.2	3	12.3	1	5.0%	20	47.7	6.3
	Total hepatitis C	18	86.6	3	12.3	1	5.0%	20	52.4	7.0
Metropolitan	Newly acquired	56	75.1	48	2.3	1	1.0%	105	4.8	33.2
	Unspecified	150	224.3	360	15.6	53	9.4%	563	24.5	14.3
	Total hepatitis C	206	299.4	408	17.9	54	8.1%	668	29.3	16.7
Midwest	Newly acquired	5	63.6	0	0.0	0	0.0%	5	8.9	N/A
	Unspecified	22	292.0	14	22.5	3	7.7%	39	60.8	13.0
	Total hepatitis C	27	355.6	14	22.5	3	6.8%	44	69.6	15.8
Pilbara	Newly acquired	2	14.9	1	3.4	0	0.0%	3	6.1	4.5
	Unspecified	9	76.0	13	27.9	1	4.3%	23	40.6	2.7
	Total hepatitis C	11	91.0	14	31.2	1	3.8%	26	46.8	2.9
South West	Newly acquired	3	51.0	3	1.6	0	0.0%	6	3.6	31.0
	Unspecified	6	99.6	39	21.1	2	4.3%	47	24.9	4.7
	Total hepatitis C	9	150.6	42	22.8	2	3.8%	53	28.5	6.6
Wheatbelt	Newly acquired	0	0.0	0	0.0	0	N/A	0	0.0	N/A
	Unspecified	5	143.3	14	16.5	0	0.0%	19	22.9	8.7
	Total hepatitis C	5	143.3	14	16.5	0	0.0%	19	22.9	8.7
WA (Total)	**Newly acquired**	**85**	**60.4**	**55**	**2.1**	**1**	**0.7%**	**141**	**5.3**	**28.2**
	Unspecified	**234**	**184.4**	**464**	**16.4**	**62**	**8.2%**	**760**	**26.7**	**11.2**
	Total hepatitis C	**319**	**244.8**	**519**	**18.6**	**63**	**7.0%**	**901**	**32.1**	**13.2**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
% (Total) = Number (Unknown) / Total number (Region and Disease status)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = ASR (Aboriginal) / ASR (non-Aboriginal)
Total hepatitis C = Newly acquired hepatitis C + Unspecified hepatitis C
N/A = Not applicable
Metropolitan = East Metropolitan + North Metropolitan + South Metropolitan
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Column totals include cases with overseas or unknown addresses, which are not shown in the table
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 50 Number and ASR of hepatitis C notifications by Aboriginality, disease status and sex, WA, 2024

Aboriginality	Disease stage	Sex				Total		Rate ratio (Male:Female)
		Male		Female				
		Number	ASR	Number	ASR	Number	ASR	
Aboriginal	Newly acquired	65	87.3	20	30.2	85	60.4	2.9
	Unspecified	175	258.7	59	103.7	234	184.4	2.5
	Total hepatitis C	240	346.0	79	133.8	319	244.8	2.6
non-Aboriginal	Newly acquired	43	3.4	12	0.9	55	2.1	3.9
	Unspecified	306	21.9	158	11.0	464	16.4	2.0
	Total hepatitis C	349	25.2	170	11.8	519	18.6	2.1
WA (Total)	Newly acquired	109	8.2	32	2.4	141	5.3	3.4
	Unspecified	523	36.9	237	16.3	760	26.7	2.3
	Total hepatitis C	632	45.1	269	18.7	901	32.1	2.4
Rate ratio (Aboriginal:non-Aboriginal)	**Newly acquired**	**N/A**	**25.8**	**N/A**	**34.5**	**N/A**	**28.2**	**0.7**
	Unspecified	**N/A**	**11.8**	**N/A**	**9.5**	**N/A**	**11.2**	**1.3**
	Total hepatitis C	**N/A**	**13.7**	**N/A**	**11.3**	**N/A**	**13.2**	**1.2**

Notes: Number = Number of notifications reported to the DoH
ASR = Age-standardised notification rate per 100,000 population
Rate ratio (Male:Female) = ASR (Male) / ASR (Female)
Rate ratio (Aboriginal:non-Aboriginal) = Aboriginal to non-Aboriginal rate ratio = ASR (Aboriginal) / ASR (non-Aboriginal)
Total hepatitis C = Newly acquired hepatitis C + Unspecified hepatitis C
N/A = Not applicable
Calculations by Aboriginality are based on notifications of known Aboriginal status only (i.e. notifications of unknown Aboriginal status are excluded)
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 51 Number and proportion of hepatitis C notifications by where infection was acquired, disease status and sex, WA, 2024

Where infection acquired	Disease stage	Sex				WA (Total)	
		Male		Female			
		Number	%Total	Number	%Total	Number	%Total
WA	Newly acquired	97	79.5%	25	20.5%	122	86.5%
	Unspecified	100	75.8%	32	24.2%	132	17.4%
	Total hepatitis C	197	77.6%	57	22.4%	254	28.2%
Interstate	Newly acquired	1	100.0%	0	0.0%	1	0.7%
	Unspecified	4	57.1%	3	42.9%	7	0.9%
	Total hepatitis C	5	62.5%	3	37.5%	8	0.9%
Overseas	Newly acquired	1	100.0%	0	0.0%	1	0.7%
	Unspecified	12	54.5%	10	45.5%	22	2.9%
	Total hepatitis C	13	56.5%	10	43.5%	23	2.6%
Unknown	Newly acquired	10	58.8%	7	41.2%	17	12.1%
	Unspecified	407	67.9%	192	32.1%	599	78.8%
	Total hepatitis C	417	67.7%	199	32.3%	616	68.4%
Total	**Newly acquired**	**109**	**77.3%**	**32**	**22.7%**	**141**	**100.0%**
	Unspecified	**523**	**68.8%**	**237**	**31.2%**	**760**	**100.0%**
	Total hepatitis C	**632**	**70.1%**	**269**	**29.9%**	**901**	**100.0%**

Notes: Number = Number of notifications reported to the DoH
% Total = Number of notifications (Where infection acquired and Disease status) / Total number of notifications (Sex) or overall
Total hepatitis C = Newly acquired hepatitis C + Unspecified hepatitis C
Notifications from Christmas Island, Curtin, Leonora, Perth, and Yongah Hill IDCs have been excluded

Table 52 Number and crude rate of newly acquired hepatitis C notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	9	109	9	495	13	11	18	160	824
Crude rate	2.0	1.0	4.0	9.0	0.7	2.0	0.3	5.0	3.0

Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision. The follow-up and allocation of cases to newly acquired hepatitis C is highly dependent on public health follow-up which is variable between jurisdictions. Trends between newly acquired and unspecified hepatitis C cases within jurisdictions and over time therefore need to be interpreted cautiously.

Table 53 Number and crude rate of unspecified hepatitis C notifications by state and territory, Australia, 2024

Notifications	State/Territory								AUS (Total)
	ACT	NSW	NT	QLD	SA	TAS	VIC	WA	
Number	107	2,563	73	1,529	228	135	1,193	794	6,622
Crude rate	23.0	30.0	29.0	27.0	12.0	23.0	17.0	27.0	25.0

Notes: Number = Number of notifications reported to state and territory health authorities
Crude rate = Crude rate per 100,000 population
Data sourced from NNDSS 21 March 2025; data are provisional and subject to future revision. The follow-up and allocation of cases to newly acquired hepatitis C is highly dependent on public health follow-up which is variable between jurisdictions. Trends between newly acquired and unspecified hepatitis C cases within jurisdictions and over time therefore need to be interpreted cautiously.

References

1. Communicable Diseases Network Australia (2025). *Australian national notifiable diseases case definitions*. Department of Health and Aged Care, Commonwealth of Australia. https://www.health.gov.au/resources/collections/cdna-surveillance-case-definitions

2. Department of Health, Western Australia (2015). *WA Aboriginal health and wellbeing framework 2015-2030*. Department of Health, Western Australia. https://ww2.health.wa.gov.au/-/media/Files/Corporate/general-documents/Aboriginal-health/PDF/12853_WA_Aboriginal_Health_and_Wellbeing_Framework.pdf

3. Australian Bureau of Statistics (2021, June 30). *Estimates of Aboriginal and Torres Strait Islander Australians*. ABS. https://www.abs.gov.au/statistics/people/aboriginal-and-torres-strait-islander-peoples/estimates-aboriginal-and-torres-strait-islander-australians/latest-release.

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