

Trends in Drug-Related Hospitalisations in Australia, 2004-2024

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Appendix A

Table A1. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by selected drugs and sex

Drug & Sex	Number 2023-24	Age-standardised rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
2023-242022-23				
All drugs				
Female	26,912	205 (202, 207)	201 (198, 203)	2.1 (0.3, 3.8)
Male	29,815	227 (224, 229)	199 (197, 202)	14 (12, 16)
Total	56,797	216 (214, 217)	200 (198, 201)	8.0 (6.7, 9.3)
Opioids				
Female	2,448	18 (17, 18)	17 (16, 17)	4.8 (-1.1, 11.0)
Male	3,188	24 (23, 24)	24 (23, 25)	-1.2 (-6.0, 3.8)
Total	5,637	21 (20, 21)	20 (20, 21)	1.2 (-2.5, 5.1)
Cannabinoids				
Female	2,620	20 (19, 21)	21 (20, 21)	-2.6 (-7.8, 2.8)
Male	3,841	29 (28, 30)	29 (28, 30)	2.0 (-2.5, 6.7)
Total	6,468	25 (24, 25)	25 (24, 25)	-0.01 (-3.43, 3.53)
Amphetamine-type stimulants				
Female	6,314	49 (48, 50)	39 (38, 41)	24 (19, 28)
Male	10,280	79 (78, 81)	64 (62, 65)	24 (21, 28)
Total	16,618	64 (63, 65)	52 (51, 53)	24 (21, 27)
Cocaine				
Female	239	1.8 (1.6, 2.1)	1.6 (1.3, 1.8)	18 (-2, 43)
Male	1,037	7.9 (7.4, 8.4)	6.0 (5.6, 6.5)	31 (19, 44)
Total	1,276	4.9 (4.6, 5.2)	3.8 (3.5, 4.0)	29 (19, 41)
GHB				
Female	1,581	12 (12, 13)	8.2 (7.7, 8.7)	48 (37, 60)
Male	1,855	14 (14, 15)	8.4 (7.9, 8.9)	70 (57, 83)
Total	3,437	13 (13, 14)	8.3 (7.9, 8.7)	59 (50, 68)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A2. Crude rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by selected drugs and age group

Drug & Age	Number 2023-24	Crude rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
		2023-24	2022-23	
All drugs				
10-19	6,109	183 (179, 188)	209 (204, 214)	-12 (-15, -9)
20-29	14,600	386 (380, 392)	363 (357, 369)	6.4 (4.0, 9.0)
30-39	14,809	368 (362, 374)	325 (319, 330)	13 (11, 16)
40-49	10,637	306 (300, 312)	264 (258, 269)	16 (13, 19)
50-59	5,822	181 (176, 185)	154 (149, 158)	18 (13, 22)
60-69	2,334	81 (77, 84)	79 (76, 82)	2.0 (-3.8, 8.1)
70 and over	1,867	56 (53, 59)	59 (56, 62)	-4.9 (-10.9, 1.4)
Opioids				
10-19	143	4.3 (3.6, 5.0)	4.8 (4.1, 5.7)	-11 (-30, 12)
20-29	1,047	28 (26, 29)	26 (24, 28)	6.3 (-2.7, 16.2)
30-39	1,134	28 (27, 30)	32 (30, 34)	-11 (-18, -4)
40-49	1,229	35 (33, 37)	33 (31, 35)	6.0 (-2.3, 15.1)
50-59	956	30 (28, 32)	28 (26, 30)	5.6 (-3.7, 15.8)
60-69	577	20 (18, 22)	19 (18, 21)	3.2 (-8.3, 16.2)
70 and over	501	15 (14, 16)	15 (13, 16)	3.2 (-9.2, 17.3)
Amphetamine-type stimulants				
10-19	740	22 (21, 24)	18 (16, 19)	26 (13, 41)
20-29	4,244	112 (109, 116)	92 (89, 95)	22 (16, 27)
30-39	5,938	148 (144, 151)	120 (117, 124)	23 (18, 27)
40-49	3,935	113 (110, 117)	91 (88, 95)	24 (18, 30)
50-59	1,473	46 (43, 48)	32 (31, 35)	41 (30, 52)
60-69	170	5.9 (5.0, 6.8)	5.2 (4.4, 6.1)	12 (-10, 41)
70 and over	28	0.84 (0.56, 1.21)	0.53 (0.31, 0.84)	59 (-16, 210)
Cannabinoids				
10-19	722	22 (20, 23)	24 (23, 26)	-11 (-20, -2)
20-29	2,190	58 (56, 60)	69 (67, 72)	-17 (-21, -12)
30-39	1,760	44 (42, 46)	39 (38, 41)	11 (4, 19)
40-49	916	26 (25, 28)	23 (21, 25)	14 (4, 26)
50-59	634	20 (18, 21)	14 (13, 15)	42 (26, 61)
60-69	163	5.6 (4.8, 6.6)	4.1 (3.4, 5.0)	36 (7, 74)
70 and over	43	1.3 (0.9, 1.7)	1.3 (0.9, 1.8)	-0.89 (-36.74, 55.38)
Cocaine				
10-19	64	1.9 (1.5, 2.4)	0.86 (0.57, 1.24)	124 (41, 262)
20-29	546	14 (13, 16)	7.4 (6.6, 8.4)	94 (68, 125)
30-39	356	8.9 (8.0, 9.8)	9.9 (8.9, 10.9)	-10 (-23, 4)
40-49	238	6.8 (6.0, 7.8)	6.2 (5.4, 7.1)	10 (-9, 33)
50-59	61	1.9 (1.4, 2.4)	1.6 (1.2, 2.1)	17 (-21, 72)
60-69	11	0.38 (0.19, 0.68)	--	--
70 and over	-	0 (--)	--	--
GHB				
10-19	100	3.0 (2.4, 3.6)	2.5 (2.0, 3.1)	21 (-11, 64)
20-29	1,048	28 (26, 29)	21 (20, 23)	29 (18, 42)

30-39	1,449	36 (34, 38)	21 (19, 22)	73 (58, 88)
40-49	659	19 (18, 20)	9.5 (8.5, 10.6)	100 (75, 129)
50-59	146	4.5 (3.8, 5.3)	3.0 (2.4, 3.7)	51 (16, 98)
60-69	23	0.79 (0.50, 1.19)	--	--
70 and over	6	0.18 (0.07, 0.39)	0.22 (0.09, 0.45)	-17 (-77, 188)

Note: 95% confidence intervals for the crude rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for the 0-9 years age group are not presented due to sensitivity of the data. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A3. Crude rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by sex and age group

Sex & Age	Number 2023-24	Crude rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
Female				
10-19	4,210	260 (252, 268)	314 (305, 322)	-17 (-20, -14)
20-29	7,037	382 (373, 391)	360 (352, 369)	6.1 (2.5, 9.7)
30-39	6,128	303 (295, 310)	273 (266, 281)	11 (7, 15)
40-49	4,223	240 (233, 248)	227 (219, 234)	6.1 (1.5, 10.8)
50-59	2,702	165 (159, 171)	149 (143, 155)	11 (5, 17)
60-69	1,242	83 (79, 88)	82 (77, 87)	1.6 (-6.3, 10.0)
70 and over	1,084	60 (57, 64)	64 (60, 67)	-5.2 (-12.9, 3.2)
Male				
10-19	1,879	109 (105, 115)	109 (104, 114)	0.84 (-5.50, 7.61)
20-29	7,536	388 (380, 397)	363 (355, 372)	6.8 (3.4, 10.4)
30-39	8,669	434 (425, 443)	376 (368, 385)	15 (12, 19)
40-49	6,403	372 (363, 381)	301 (293, 310)	23 (19, 28)
50-59	3,120	197 (190, 204)	158 (152, 165)	24 (18, 31)
60-69	1,092	78 (73, 83)	76 (72, 81)	2.5 (-5.9, 11.7)
70 and over	783	51 (47, 55)	53 (50, 57)	-4.6 (-13.7, 5.5)

Note: 95% confidence intervals for the crude rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for the 0-9 years age group are not presented due to sensitivity of the data. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A4. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by remoteness area of usual residence and by sex

Remoteness & Sex	Number 2023-24	Age-standardised rate (95% CI)		2023-24 versus 2022-23
		2023-24	2022-23	APC (95% CI)
Major Cities				
Female	19,510	197 (194, 200)	189 (186, 192)	4.4 (2.2, 6.5)
Male	22,076	223 (220, 226)	195 (192, 198)	14 (12, 17)
Total	41,641	210 (208, 212)	192 (190, 194)	9.5 (8.0, 11.1)
Inner Regional				
Female	4,011	195 (189, 201)	192 (186, 198)	1.6 (-2.9, 6.2)
Male	3,850	191 (185, 197)	165 (159, 171)	16 (10, 21)
Total	7,863	192 (188, 197)	178 (174, 182)	8.0 (4.5, 11.6)

Outer Regional				
Female	2,125	228 (219, 238)	265 (255, 276)	-14 (-19, -9)
Male	2,075	221 (211, 230)	197 (188, 206)	12 (5, 19)
Total	4,208	224 (217, 231)	230 (223, 237)	-2.5 (-6.6, 1.8)
Remote and Very Remote				
Female	587	252 (232, 273)	247 (227, 268)	2.0 (-9.1, 14.5)
Male	707	281 (261, 303)	245 (226, 265)	15 (3, 28)
Total	1,296	267 (253, 282)	246 (233, 261)	8.4 (0.2, 17.4)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A5. Crude rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by remoteness area of usual residence and by age group

Remoteness & Age	Number 2023-24	Crude rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
		2023-24	2022-23	
Major Cities				
10-19	4,065	169 (164, 174)	193 (187, 198)	-12 (-16, -8)
20-29	10,763	360 (354, 367)	338 (331, 344)	6.8 (3.9, 9.7)
30-39	11,237	361 (354, 367)	311 (305, 317)	16 (13, 19)
40-49	8,003	305 (298, 312)	256 (250, 262)	19 (15, 23)
50-59	4,237	186 (180, 192)	159 (154, 164)	17 (12, 22)
60-69	1,652	87 (83, 91)	83 (79, 87)	4.4 (-2.7, 11.9)
70 and over	1,291	59 (55, 62)	61 (57, 64)	-3.6 (-10.8, 4.2)
Inner Regional				
10-19	1,131	188 (178, 200)	210 (198, 222)	-10 (-17, -3)
20-29	1,945	394 (377, 412)	356 (339, 373)	11 (4, 18)
30-39	1,756	312 (298, 327)	271 (257, 285)	15 (8, 24)
40-49	1,269	233 (220, 246)	219 (206, 232)	6.4 (-1.8, 15.2)
50-59	850	141 (132, 151)	116 (107, 124)	22 (10, 35)
60-69	415	65 (59, 71)	67 (61, 74)	-3.4 (-15.8, 10.9)
70 and over	359	46 (42, 51)	51 (46, 56)	-9.2 (-21.6, 5.2)
Outer Regional				
10-19	628	234 (216, 253)	282 (262, 303)	-17 (-26, -8)
20-29	1,030	444 (417, 472)	450 (423, 478)	-1.4 (-9.6, 7.6)
30-39	907	345 (323, 368)	363 (340, 387)	-4.9 (-13.3, 4.3)
40-49	731	296 (275, 318)	269 (249, 291)	9.8 (-1.3, 22.2)
50-59	451	162 (147, 178)	150 (136, 165)	8.0 (-5.7, 23.6)
60-69	211	72 (63, 83)	73 (64, 84)	-1.3 (-18.8, 20.1)
70 and over	184	58 (50, 67)	62 (53, 71)	-6.2 (-23.8, 15.5)
Remote and Very Remote				
10-19	209	329 (286, 376)	347 (303, 396)	-5.3 (-22.1, 15.0)
20-29	369	549 (494, 608)	486 (435, 541)	13 (-3, 32)
30-39	304	381 (339, 426)	391 (348, 437)	-2.6 (-17.1, 14.5)
40-49	227	360 (315, 411)	287 (247, 333)	25 (3, 53)
50-59	108	171 (140, 206)	136 (109, 168)	26 (-6, 69)
60-69	35	63 (44, 88)	70 (49, 96)	-9.6 (-44.5, 47.0)
70 and over	23	51 (32, 76)	30 (16, 52)	69 (-18, 262)

Note: 95% confidence intervals for the crude rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for the 0-9 years age group are not presented due to sensitivity of the data. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A6. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by mental and behavioural disorder due to substance use identified in the principal diagnosis, and by sex

Principal diagnosis & Sex	Number	Age-standardised rate (95% CI)		2023-24 versus 2022-23
	2023-24	2023-24	2022-23	APC (95% CI)
Any mental and behavioural disorder due to substance use				
Female	12,631	96 (95, 98)	83 (82, 85)	16 (13, 19)
Male	20,710	159 (157, 161)	134 (132, 136)	19 (16, 21)
Total	33,374	128 (126, 129)	109 (107, 110)	17 (16, 19)
Acute intoxication				
Female	1,553	12 (11, 13)	9.3 (8.8, 9.8)	29 (19, 39)
Male	2,543	20 (19, 20)	14 (13, 15)	40 (31, 48)
Total	4,100	16 (15, 16)	12 (11, 12)	35 (29, 42)
Harmful use				
Female	1,365	10 (10, 11)	11 (10, 11)	-1.9 (-9.0, 5.8)
Male	2,459	19 (18, 19)	16 (15, 17)	18 (11, 25)
Total	3,830	15 (14, 15)	13 (13, 14)	10 (5, 15)
Dependence syndrome				
Female	3,780	28 (28, 29)	25 (24, 26)	13 (8, 19)
Male	6,690	51 (50, 53)	43 (42, 44)	19 (14, 23)
Total	10,479	40 (39, 41)	34 (34, 35)	17 (13, 20)
Withdrawal state				
Female	1,022	7.6 (7.1, 8.0)	6.9 (6.5, 7.4)	9.2 (-0.2, 19.5)
Male	1,221	9.2 (8.7, 9.8)	8.2 (7.7, 8.7)	13 (4, 23)
Total	2,246	8.4 (8.1, 8.8)	7.6 (7.2, 7.9)	11 (5, 18)
Psychotic disorder				
Female	4,765	37 (36, 38)	30 (29, 31)	22 (17, 27)
Male	7,548	58 (57, 59)	51 (50, 52)	13 (10, 17)
Total	12,324	47 (47, 48)	41 (40, 41)	17 (14, 20)
Other mental and behavioural disorder due to substance use				
Female	146	1.1 (1.0, 1.3)	1.2 (1.0, 1.4)	-7.1 (-25.9, 16.4)
Male	249	1.9 (1.7, 2.2)	1.5 (1.3, 1.7)	31 (8, 58)
Total	395	1.5 (1.4, 1.7)	1.3 (1.2, 1.5)	13 (-2, 31)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A7. Crude rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by mental and behavioural disorder due to substance use identified in the principal diagnosis, and by age

Principal diagnosis & Age	Number 2023-24	Crude rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
		2023-24	2022-23	
Any mental and behavioural disorder due to substance use				
10-19	1,558	47 (44, 49)	46 (43, 48)	2.6 (-4.5, 10.2)
20-29	9,451	250 (245, 255)	224 (219, 229)	12 (8, 15)
30-39	10,808	269 (264, 274)	226 (222, 231)	19 (15, 22)
40-49	7,230	208 (203, 213)	168 (164, 173)	23 (19, 28)
50-59	3,178	99 (95, 102)	76 (73, 80)	29 (22, 36)
60-69	808	28 (26, 30)	26 (24, 28)	6.1 (-4.0, 17.4)
70 and over	330	9.9 (8.8, 11.0)	8.8 (7.8, 9.8)	13 (-4, 33)
Acute intoxication				
10-19	291	8.7 (7.7, 9.8)	5.8 (5.0, 6.6)	52 (26, 83)
20-29	1,101	29 (27, 31)	23 (21, 24)	28 (17, 40)
30-39	1,223	30 (29, 32)	25 (23, 26)	23 (13, 33)
40-49	1,011	29 (27, 31)	19 (18, 21)	51 (37, 67)
50-59	360	11 (10, 12)	7.1 (6.2, 8.1)	56 (32, 85)
60-69	77	2.7 (2.1, 3.3)	1.8 (1.4, 2.4)	46 (1, 111)
70 and over	33	0.99 (0.68, 1.39)	1.0 (0.7, 1.4)	-3.2 (-42.1, 61.8)
Harmful use				
10-19	238	7.1 (6.3, 8.1)	7.3 (6.4, 8.3)	-2.9 (-19.2, 16.6)
20-29	1,107	29 (28, 31)	29 (27, 31)	0.67 (-7.54, 9.61)
30-39	1,218	30 (29, 32)	25 (24, 27)	21 (11, 31)
40-49	704	20 (19, 22)	18 (17, 19)	13 (1, 26)
50-59	393	12 (11, 13)	9.9 (8.9, 11.1)	23 (5, 43)
60-69	149	5.2 (4.4, 6.0)	6.0 (5.1, 7.0)	-14 (-32, 7)
70 and over	21	0.63 (0.39, 0.96)	0.50 (0.28, 0.80)	27 (-37, 160)
Dependence syndrome				
10-19	180	5.4 (4.6, 6.2)	8.8 (7.9, 9.9)	-39 (-50, -26)
20-29	2,808	74 (72, 77)	68 (65, 71)	9.4 (3.6, 15.5)
30-39	3,544	88 (85, 91)	71 (69, 74)	24 (18, 30)
40-49	2,358	68 (65, 71)	56 (53, 58)	22 (15, 30)
50-59	1,182	37 (35, 39)	30 (28, 32)	23 (13, 34)
60-69	293	10 (9, 11)	9.7 (8.6, 10.9)	4.4 (-11.7, 23.5)
70 and over	113	3.4 (2.8, 4.1)	2.7 (2.2, 3.4)	24 (-7, 66)
Withdrawal state				
10-19	127	3.8 (3.2, 4.5)	3.1 (2.5, 3.8)	22 (-7, 60)
20-29	609	16 (15, 17)	14 (13, 15)	14 (1, 28)
30-39	644	16 (15, 17)	13 (12, 15)	20 (7, 35)
40-49	423	12 (11, 13)	12 (11, 13)	0.04 (-12.86, 14.84)
50-59	211	6.5 (5.7, 7.5)	6.0 (5.2, 7.0)	8.2 (-11.4, 32.2)
60-69	110	3.8 (3.1, 4.6)	3.8 (3.1, 4.6)	0.20 (-23.87, 31.90)
70 and over	116	3.5 (2.9, 4.2)	3.5 (2.9, 4.2)	-1.5 (-24.6, 28.7)
Psychotic disorder				
10-19	696	21 (19, 22)	20 (18, 21)	5.1 (-5.7, 17.2)

20-29	3,732	99 (96, 102)	87 (84, 90)	13 (8, 19)
30-39	4,020	100 (97, 103)	90 (87, 93)	11 (6, 17)
40-49	2,667	77 (74, 80)	61 (58, 64)	26 (19, 33)
50-59	989	31 (29, 33)	22 (21, 24)	37 (25, 52)
60-69	175	6.0 (5.2, 7.0)	4.1 (3.4, 4.9)	47 (16, 88)
70 and over	45	1.3 (1.0, 1.8)	0.90 (0.60, 1.29)	50 (-8, 148)

Note: 95% confidence intervals for the crude rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for other mental and behavioural disorder due to substance use identified in the principal diagnosis are not presented due to small numbers. The estimates for the 0-9 years age group are not presented due to sensitivity of the data. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A8. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by mental and behavioural disorder due to substance use identified in the principal diagnosis, and by remoteness area

Principal diagnosis & Remoteness	Number	Age-standardised rate (95% CI)		2023-24 versus 2022-23
	2023-24	2023-24	2022-23	APC (95% CI)
Any mental and behavioural disorder due to substance use				
Major Cities	25,220	127 (125, 128)	106 (105, 108)	19 (17, 21)
Inner Regional	3,914	102 (98, 105)	89 (86, 92)	15 (9, 20)
Outer Regional	2,032	114 (109, 119)	103 (98, 107)	11 (4, 18)
Remote and Very Remote	859	178 (166, 190)	151 (140, 162)	18 (7, 31)
Acute intoxication				
Major Cities	3,169	16 (16, 17)	11 (11, 12)	40 (33, 48)
Inner Regional	309	8.0 (7.1, 8.9)	5.9 (5.2, 6.8)	34 (13, 59)
Outer Regional	205	12 (10, 13)	8.8 (7.5, 10.3)	32 (7, 63)
Remote and Very Remote	84	17 (14, 22)	12 (9, 16)	41 (1, 97)
Harmful use				
Major Cities	2,924	15 (14, 15)	13 (12, 13)	13 (7, 19)
Inner Regional	441	12 (10, 13)	10 (9, 12)	9.8 (-4.2, 25.8)
Outer Regional	230	13 (11, 15)	14 (13, 16)	-8.7 (-23.8, 9.4)
Remote and Very Remote	92	19 (15, 23)	17 (13, 21)	15 (-15, 56)
Dependence syndrome				
Major Cities	9,256	46 (45, 47)	39 (38, 40)	19 (15, 23)
Inner Regional	878	23 (21, 24)	23 (22, 25)	-3.5 (-12.2, 6.0)
Outer Regional	200	11 (10, 13)	11 (9, 13)	3.6 (-15.0, 26.2)
Remote and Very Remote	39	8.1 (5.8, 11.1)	4.6 (2.9, 7.0)	77 (5, 199)
Withdrawal state				
Major Cities	1,452	7.2 (6.8, 7.6)	6.5 (6.2, 6.9)	9.7 (1.7, 18.3)
Inner Regional	369	9.2 (8.2, 10.2)	7.8 (6.9, 8.7)	18 (1, 38)
Outer Regional	273	15 (13, 17)	13 (12, 15)	12 (-6, 34)
Remote and Very Remote	99	21 (17, 25)	13 (10, 16)	62 (17, 123)
Psychotic disorder				
Major Cities	8,140	41 (40, 42)	35 (34, 36)	16 (13, 20)
Inner Regional	1,861	49 (47, 51)	40 (38, 42)	23 (15, 32)
Outer Regional	1,086	61 (57, 65)	54 (50, 57)	13 (4, 24)
Remote and Very Remote	531	110 (101, 120)	102 (93, 111)	8.1 (-4.4, 22.3)
Other mental and behavioural disorder due to substance use				
Major Cities	279	1.4 (1.2, 1.6)	1.2 (1.0, 1.4)	17 (-2, 39)

Inner Regional	56	1.4 (1.1, 1.9)	1.4 (1.0, 1.8)	5.8 (-27.8, 55.1)
Outer Regional	38	2.1 (1.5, 2.8)	1.6 (1.1, 2.4)	26 (-23, 106)
Remote and Very Remote	14	2.9 (1.6, 4.9)	2.7 (1.4, 4.6)	9.2 (-48.8, 133.2)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for other mental and behavioural disorder due to substance use identified in the principal diagnosis are not presented due to small numbers. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A9. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by external cause of poisoning, and by sex

External cause & Sex	Number	Age-standardised rate (95% CI)		2023-24 versus 2022-23
	2023-24	2023-24	2022-23	APC (95% CI)
Any drug poisoning				
Female	14,258	108 (107, 110)	117 (115, 119)	-7.5 (-9.7, -5.4)
Male	9,074	68 (67, 69)	65 (64, 67)	4.3 (1.3, 7.5)
Total	23,369	88 (87, 89)	91 (90, 92)	-3.2 (-5.0, -1.4)
Unintentional				
Female	2,540	18 (18, 19)	17 (16, 18)	8.4 (2.4, 14.8)
Male	2,889	22 (21, 22)	20 (19, 20)	10 (5, 16)
Total	5,432	20 (20, 21)	18 (18, 19)	9.5 (5.3, 13.9)
Intentional				
Female	10,711	82 (81, 84)	93 (91, 95)	-11 (-14, -9)
Male	4,964	37 (36, 38)	37 (36, 39)	-0.94 (-4.79, 3.07)
Total	15,708	60 (59, 60)	65 (64, 66)	-8.4 (-10.4, -6.4)
Undetermined				
Female	841	6.3 (5.9, 6.8)	5.8 (5.4, 6.2)	9.2 (-1.1, 20.6)
Male	1,023	7.7 (7.3, 8.2)	6.7 (6.3, 7.2)	15 (5, 26)
Total	1,865	7.0 (6.7, 7.4)	6.3 (6.0, 6.6)	12 (5, 20)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for other external causes of drug poisoning identified in the principal diagnosis are not presented due to small numbers. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A10. Crude rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by external cause of poisoning, and by age

External cause & Age	Number 2023-24	Crude rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
		2023-24	2022-23	
Any drug poisoning				
10-19	4,548	136 (132, 140)	163 (159, 167)	-16 (-20, -13)
20-29	5,146	136 (132, 140)	139 (135, 143)	-1.9 (-5.7, 2.0)
30-39	3,996	99 (96, 102)	98 (95, 101)	1.4 (-3.0, 6.0)
40-49	3,403	98 (95, 101)	95 (92, 99)	2.7 (-2.1, 7.8)
50-59	2,636	82 (79, 85)	77 (74, 80)	6.3 (0.6, 12.4)
60-69	1,518	52 (50, 55)	53 (50, 55)	-0.18 (-7.12, 7.28)
70 and over	1,514	45 (43, 48)	50 (47, 52)	-8.5 (-14.7, -1.7)
Unintentional				
10-19	380	11 (10, 13)	11 (10, 12)	6.3 (-8.3, 23.3)
20-29	985	26 (24, 28)	23 (22, 25)	11 (1, 22)

30-39	923	23 (21, 24)	22 (21, 24)	2.9 (-6.3, 13.0)
40-49	851	24 (23, 26)	21 (20, 23)	14 (3, 26)
50-59	625	19 (18, 21)	16 (15, 17)	21 (8, 37)
60-69	440	15 (14, 17)	15 (14, 17)	-1.6 (-14.0, 12.5)
70 and over	645	19 (18, 21)	20 (18, 21)	-1.0 (-11.5, 10.6)
Intentional				
10-19	3,944	118 (115, 122)	146 (142, 150)	-19 (-22, -15)
20-29	3,664	97 (94, 100)	104 (101, 107)	-6.9 (-11.0, -2.5)
30-39	2,530	63 (60, 65)	64 (62, 67)	-2.4 (-7.7, 3.1)
40-49	2,118	61 (58, 64)	63 (61, 66)	-3.8 (-9.4, 2.2)
50-59	1,772	55 (52, 58)	53 (51, 56)	3.3 (-3.4, 10.5)
60-69	920	32 (30, 34)	32 (30, 34)	-0.32 (-9.15, 9.37)
70 and over	756	23 (21, 24)	25 (23, 27)	-9.9 (-18.5, -0.4)
Undetermined				
10-19	196	5.9 (5.1, 6.8)	5.4 (4.7, 6.3)	8.4 (-12.0, 33.6)
20-29	442	12 (11, 13)	10 (9, 11)	15 (0, 33)
30-39	473	12 (11, 13)	10 (9, 11)	15 (1, 32)
40-49	364	10 (9, 12)	9.0 (8.1, 10.1)	16 (-1, 35)
50-59	201	6.2 (5.4, 7.2)	5.9 (5.1, 6.8)	5.8 (-13.7, 29.8)
60-69	121	4.2 (3.5, 5.0)	3.5 (2.8, 4.2)	20 (-9, 58)
70 and over	60	1.8 (1.4, 2.3)	2.4 (1.9, 2.9)	-24 (-46, 9)

Note: 95% confidence intervals for the crude rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for other external causes of drug poisoning identified in the principal diagnosis are not presented due to small numbers. The estimates for the 0-9 years age group are not presented due to sensitivity of the data. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A11. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by external cause of poisoning, and by remoteness area

External cause & Remoteness	Number 2023-24	Age-standardised rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
		2023-24	2022-23	
Any drug poisoning				
Major Cities	16,390	83 (82, 84)	85 (84, 86)	-2.3 (-4.4, -0.2)
Inner Regional	3,933	91 (88, 93)	89 (86, 92)	1.5 (-3.0, 6.3)
Outer Regional	2,170	110 (105, 115)	127 (122, 132)	-13 (-18, -8)
Remote and Very Remote	436	89 (81, 98)	95 (87, 104)	-6.6 (-18.1, 6.6)
Unintentional				
Major Cities	3,898	20 (19, 20)	18 (17, 18)	11 (6, 16)
Inner Regional	856	19 (18, 20)	15 (14, 16)	25 (12, 38)
Outer Regional	424	21 (19, 23)	23 (21, 25)	-9.8 (-21.3, 3.3)
Remote and Very Remote	98	20 (16, 24)	21 (17, 26)	-6.9 (-29.4, 22.9)
Intentional				
Major Cities	10,925	56 (55, 57)	60 (59, 62)	-7.8 (-10.2, -5.3)
Inner Regional	2,725	64 (61, 66)	67 (65, 70)	-5.6 (-10.5, -0.4)
Outer Regional	1,566	81 (77, 85)	96 (92, 101)	-16 (-22, -10)
Remote and Very Remote	291	59 (53, 67)	64 (57, 71)	-6.8 (-20.6, 9.5)
Undetermined				
Major Cities	1,331	6.7 (6.3, 7.1)	5.9 (5.6, 6.3)	13 (5, 23)

Inner Regional	285	6.6 (5.9, 7.5)	5.3 (4.6, 6.1)	25 (4, 50)
Outer Regional	140	7.3 (6.1, 8.6)	6.2 (5.1, 7.4)	17 (-9, 50)
Remote and Very Remote	31	6.4 (4.3, 9.1)	7.1 (4.9, 9.9)	-10 (-45, 46)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for other external causes of drug poisoning identified in the principal diagnosis are not presented due to small numbers. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A12. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by drug type identified in the principal diagnosis

Drug	Number	Age-standardised rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
	2023-24	2023-24	2022-23	
Opioids	5,637	21 (20, 21)	20 (20, 21)	1.2 (-2.5, 5.1)
Cannabinoids	6,468	25 (24, 25)	25 (24, 25)	-0.01 (-3.43, 3.53)
Amphetamine-type stimulants	16,618	64 (63, 65)	52 (51, 53)	24 (21, 27)
<i>Methamphetamine</i>	13,782	53 (52, 54)	42 (41, 43)	27 (24, 30)
<i>MDMA</i>	456	1.8 (1.6, 1.9)	1.2 (1.1, 1.4)	44 (24, 66)
Cocaine	1,276	4.9 (4.6, 5.2)	3.8 (3.5, 4.0)	29 (19, 41)
Non-opioid analgesics	5,909	23 (22, 23)	26 (25, 27)	-12 (-15, -9)
Antiepileptic, sedative-hypnotic and antiparkinsonism drugs	9,633	36 (35, 37)	32 (31, 32)	14 (10, 17)
<i>Benzodiazepines</i>	3,202	12 (11, 12)	12 (11, 12)	-2.2 (-6.9, 2.8)
<i>GHB</i>	3,437	13 (13, 14)	8.3 (7.9, 8.7)	59 (50, 68)
Antidepressants	2,930	11 (11, 11)	13 (12, 13)	-12 (-16, -7)
Antipsychotics and neuroleptics	2,919	11 (11, 11)	12 (12, 13)	-9.6 (-14.0, -4.9)
Hallucinogens	369	1.4 (1.3, 1.6)	0.96 (0.84, 1.08)	49 (27, 76)
Volatile solvents	696	2.6 (2.4, 2.8)	2.7 (2.5, 2.9)	-2.6 (-12.4, 8.2)
Multiple drug use	4,342	17 (16, 17)	13 (13, 14)	24 (18, 30)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A13. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by drug type identified in the principal diagnosis, and by remoteness area of usual residence

Drug type & Remoteness	Number	Age-standardised rate (95% CI)		2023-24 versus 2022-23
	2023-24	2023-24	2022-23	APC (95% CI)
All drugs				
Major Cities	41,641	210 (208, 212)	192 (190, 194)	9.5 (8.0, 11.1)
Inner Regional	7,863	192 (188, 197)	178 (174, 182)	8.0 (4.5, 11.6)
Outer Regional	4,208	224 (217, 231)	230 (223, 237)	-2.5 (-6.6, 1.8)
Remote and Very Remote	1,296	267 (253, 282)	246 (233, 261)	8.4 (0.2, 17.4)
Opioids				
Major Cities	4,332	21 (21, 22)	21 (20, 22)	2.5 (-1.8, 7.0)
Inner Regional	772	17 (15, 18)	16 (15, 17)	3.3 (-7.0, 14.8)
Outer Regional	294	13 (12, 15)	16 (14, 18)	-18 (-30, -3)
Remote and Very Remote	43	8.3 (6.0, 11.3)	8.9 (6.5, 11.9)	-6.1 (-38.4, 43.2)

Non-opioid analgesics				
Major Cities	3,948	21 (20, 21)	24 (23, 25)	-13 (-17, -9)
Inner Regional	1,117	26 (25, 28)	28 (26, 29)	-5.6 (-13.1, 2.7)
Outer Regional	650	33 (31, 36)	39 (36, 42)	-14 (-23, -5)
Remote and Very Remote	155	32 (27, 38)	36 (31, 42)	-11 (-28, 11)
Antiepileptic, sedative-hypnotic and antiparkinsonism drugs				
Major Cities	7,593	38 (37, 39)	32 (31, 33)	17 (13, 21)
Inner Regional	1,105	25 (24, 27)	25 (23, 26)	2.1 (-6.4, 11.3)
Outer Regional	551	28 (26, 31)	26 (24, 29)	7.2 (-5.2, 21.2)
Remote and Very Remote	84	17 (13, 21)	16 (13, 20)	3.8 (-23.6, 41.1)
Benzodiazepines				
Major Cities	2,454	12 (12, 13)	12 (12, 13)	-2.1 (-7.4, 3.6)
Inner Regional	416	8.6 (7.8, 9.5)	8.2 (7.4, 9.1)	4.6 (-9.5, 21.0)
Outer Regional	240	12 (10, 13)	13 (12, 15)	-11 (-25, 7)
Remote and Very Remote	44	9.1 (6.6, 12.2)	9.3 (6.8, 12.4)	-2.3 (-35.5, 47.8)
GHB				
Major Cities	2,887	14 (14, 15)	8.7 (8.3, 9.2)	65 (55, 75)
Inner Regional	267	7.2 (6.3, 8.1)	4.3 (3.7, 5.0)	67 (37, 103)
Outer Regional	78	4.4 (3.5, 5.5)	1.8 (1.3, 2.6)	140 (59, 263)
Remote and Very Remote	12	2.4 (1.2, 4.2)	--	--
Cannabinoids				
Major Cities	4,459	22 (22, 23)	22 (21, 22)	2.7 (-1.5, 7.2)
Inner Regional	971	25 (23, 27)	25 (23, 26)	1.7 (-7.1, 11.4)
Outer Regional	596	33 (31, 36)	35 (32, 38)	-5.8 (-15.9, 5.5)
Remote and Very Remote	336	69 (62, 77)	82 (74, 90)	-15 (-26, -2)
Hallucinogens				
Major Cities	303	1.5 (1.4, 1.7)	0.97 (0.83, 1.12)	59 (32, 91)
Inner Regional	40	1.0 (0.7, 1.4)	0.54 (0.33, 0.83)	89 (11, 223)
Outer Regional	13	0.72 (0.38, 1.23)	1.0 (0.6, 1.6)	-31 (-66, 39)
Remote and Very Remote	7	--	--	--
Cocaine				
Major Cities	1,144	5.7 (5.4, 6.0)	4.6 (4.3, 4.9)	24 (13, 35)
Inner Regional	94	2.6 (2.1, 3.1)	0.90 (0.62, 1.27)	184 (91, 322)
Outer Regional	23	1.3 (0.8, 2.0)	0.85 (0.47, 1.41)	55 (-19, 199)
Remote and Very Remote	8	--	--	--
Amphetamine-type stimulants				
Major Cities	11,987	61 (60, 62)	49 (48, 50)	24 (21, 28)
Inner Regional	2,139	57 (54, 59)	46 (44, 48)	24 (16, 32)
Outer Regional	1,174	67 (63, 71)	54 (50, 57)	24 (14, 35)
Remote and Very Remote	423	88 (80, 97)	57 (50, 64)	55 (33, 80)
Methamphetamine				
Major Cities	9,920	50 (49, 51)	39 (39, 40)	27 (23, 31)
Inner Regional	1,745	46 (44, 49)	37 (35, 39)	25 (17, 34)
Outer Regional	956	54 (51, 58)	43 (40, 46)	26 (15, 39)
Remote and Very Remote	358	75 (67, 83)	45 (39, 51)	66 (40, 97)
Antidepressants				
Major Cities	1,952	9.9 (9.5, 10.4)	11 (11, 12)	-11 (-16, -5)
Inner Regional	558	13 (12, 14)	14 (13, 15)	-5.8 (-16.3, 6.1)

Outer Regional	343	18 (16, 20)	22 (20, 25)	-21 (-31, -8)
Remote and Very Remote	56	11 (9, 15)	14 (11, 18)	-20 (-44, 15)
Antipsychotics and neuroleptics				
Major Cities	1,987	10 (10, 10)	11 (11, 12)	-11 (-16, -5)
Inner Regional	533	13 (12, 14)	12 (11, 14)	3.2 (-8.9, 16.8)
Outer Regional	296	16 (14, 18)	20 (18, 23)	-23 (-34, -10)
Remote and Very Remote	54	11 (8, 14)	11 (8, 14)	4.2 (-28.9, 52.9)
Volatile solvents				
Major Cities	454	2.3 (2.1, 2.5)	2.3 (2.1, 2.5)	-0.34 (-12.62, 13.66)
Inner Regional	111	2.5 (2.0, 3.0)	2.2 (1.8, 2.7)	11 (-16, 47)
Outer Regional	74	3.6 (2.8, 4.5)	5.6 (4.6, 6.8)	-36 (-53, -14)
Remote and Very Remote	50	10 (8, 14)	8.9 (6.4, 12.0)	16 (-23, 75)
Multiple drug use				
Major Cities	3,482	18 (17, 18)	14 (13, 15)	25 (19, 32)
Inner Regional	423	11 (10, 12)	9.6 (8.6, 10.6)	15 (0, 33)
Outer Regional	194	10 (9, 12)	9.3 (7.9, 10.8)	12 (-9, 38)
Remote and Very Remote	80	17 (13, 21)	11 (8, 15)	48 (4, 109)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A14. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by main drugs (all drugs; opioids; amphetamines and other stimulants; cannabinoids; and cocaine), and mental and behavioural disorder due to substance use identified in the principal diagnosis

Drug & Principal diagnosis	Number 2023-24	Age-standardised rate (95% CI) 2023-24 2022-23		2023-24 versus 2022-23 APC (95% CI)
Opioids				
Any mental and behavioural disorder due to substance use	3,056	11 (11, 12)	11 (11, 12)	0.41 (-4.57, 5.65)
Acute intoxication	223	0.83 (0.72, 0.95)	0.82 (0.71, 0.93)	1.8 (-15.7, 23.0)
Harmful use	287	1.1 (1.0, 1.2)	0.84 (0.73, 0.96)	27 (6, 52)
Dependence	1,891	7.0 (6.7, 7.4)	7.2 (6.9, 7.6)	-2.5 (-8.6, 3.9)
Withdrawal	507	1.8 (1.7, 2.0)	1.9 (1.7, 2.0)	-1.6 (-13.1, 11.5)
Psychotic disorder	138	0.53 (0.45, 0.63)	0.50 (0.42, 0.60)	6.6 (-16.2, 35.7)
Cannabinoids				
Any mental and behavioural disorder due to substance use	6,157	24 (23, 24)	23 (23, 24)	1.1 (-2.4, 4.8)
Acute intoxication	466	1.8 (1.6, 2.0)	1.0 (0.9, 1.2)	72 (48, 100)
Harmful use	678	2.6 (2.4, 2.8)	3.0 (2.8, 3.2)	-13 (-21, -3)
Dependence	1,708	6.5 (6.1, 6.8)	7.0 (6.7, 7.4)	-8.4 (-14.3, -2.1)
Withdrawal	454	1.7 (1.6, 1.9)	1.7 (1.5, 1.8)	4.5 (-8.5, 19.4)
Psychotic disorder	2,775	11 (10, 11)	10 (10, 11)	3.8 (-1.7, 9.5)
Cocaine				
Any mental and behavioural disorder due to substance use	1,098	4.2 (4.0, 4.5)	3.4 (3.1, 3.6)	25 (15, 37)
Acute intoxication	119	0.46 (0.38, 0.55)	0.25 (0.20, 0.32)	79 (32, 142)
Harmful use	212	0.81 (0.70, 0.92)	0.61 (0.52, 0.71)	33 (8, 63)

Dependence	542	2.1 (1.9, 2.3)	2.1 (1.9, 2.2)	1.5 (-10.1, 14.5)
Withdrawal	25	0.09 (0.06, 0.13)	0.06 (0.03, 0.10)	53 (-20, 190)
Psychotic disorder	192	0.74 (0.64, 0.85)	0.37 (0.30, 0.45)	100 (56, 156)
Amphetamine-type stimulants				
Any mental and behavioural disorder due to substance use	15,395	59 (58, 60)	48 (47, 48)	25 (22, 28)
Acute intoxication	2,239	8.7 (8.3, 9.0)	6.7 (6.4, 7.0)	30 (22, 38)
Harmful use	1,428	5.5 (5.2, 5.8)	4.3 (4.0, 4.5)	28 (18, 39)
Dependence	3,389	13 (13, 13)	10.0 (9.6, 10.4)	31 (24, 38)
Withdrawal	608	2.3 (2.2, 2.5)	2.0 (1.8, 2.2)	19 (5, 34)
Psychotic disorder	7,569	29 (29, 30)	24 (24, 25)	21 (17, 25)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. Data on other mental and behavioural disorder due to substance use identified in the principal diagnosis are not presented due to small numbers. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A15. Age-standardised rate per 100,000 people of drug-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by main drugs (all drugs; opioids; amphetamines and other stimulants; cannabinoids; and cocaine), and external cause of poisoning

Drug & External cause	Number 2023-24	Age-standardised rate (95% CI) 2023-24	2022-23	2023-24 versus 2022-23 APC (95% CI)
Opioids				
Any drug poisoning	2,581	9.2 (8.9, 9.6)	9.0 (8.7, 9.4)	2.2 (-3.4, 8.0)
Unintentional	1,046	3.6 (3.4, 3.9)	3.4 (3.2, 3.6)	7.1 (-2.0, 17.1)
Intentional	1,166	4.2 (4.0, 4.5)	4.4 (4.1, 4.6)	-4.0 (-11.5, 4.2)
Undetermined	358	1.3 (1.2, 1.5)	1.2 (1.1, 1.3)	11 (-5, 29)
Cannabinoids				
Any drug poisoning	311	1.2 (1.1, 1.3)	1.4 (1.3, 1.6)	-18 (-30, -5)
Unintentional	214	0.81 (0.70, 0.93)	0.83 (0.72, 0.95)	-2.1 (-19.1, 18.4)
Intentional	27	0.11 (0.07, 0.16)	0.17 (0.12, 0.22)	-36 (-60, 4)
Undetermined	69	0.26 (0.20, 0.33)	0.44 (0.36, 0.53)	-40 (-56, -19)
Cocaine				
Any drug poisoning	178	0.68 (0.58, 0.79)	0.42 (0.35, 0.51)	61 (26, 104)
Unintentional	91	0.34 (0.28, 0.42)	0.20 (0.15, 0.26)	75 (24, 146)
Intentional	34	0.13 (0.09, 0.18)	0.11 (0.07, 0.16)	20 (-27, 98)
Undetermined	51	0.19 (0.14, 0.26)	0.12 (0.08, 0.17)	68 (6, 165)
Amphetamine-type stimulants				
Any drug poisoning	1,223	4.8 (4.5, 5.1)	4.1 (3.9, 4.4)	17 (8, 27)
Unintentional	499	2.0 (1.8, 2.2)	1.5 (1.3, 1.6)	35 (18, 55)
Intentional	477	1.9 (1.7, 2.1)	1.8 (1.6, 1.9)	7.6 (-5.6, 22.5)
Undetermined	236	0.91 (0.80, 1.04)	0.87 (0.76, 0.99)	4.7 (-12.9, 25.8)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. The estimates for other external causes of drug poisoning identified in the principal diagnosis are not presented due to small numbers. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.

Table A16. Age-standardised rate per 100,000 people of opioid poisoning-related hospitalisations in 2023-24 and 2022-23, and average percent change (APC) for difference between 2023-24 and 2022-23, by opioid type identified in the principal diagnosis

Drug	Number 2023-24	Age-standardised rate (95% CI)		2023-24 versus 2022-23 APC (95% CI)
		2023-24	2022-23	
Natural and semi-synthetic opioids	1,369	4.7 (4.5, 5.0)	4.8 (4.5, 5.1)	-1.4 (-8.6, 6.4)
Heroin	632	2.4 (2.2, 2.6)	1.9 (1.7, 2.1)	26 (12, 41)
Synthetic opioids	301	1.1 (1.0, 1.2)	1.2 (1.1, 1.4)	-13 (-25, 2)
Methadone	154	0.55 (0.47, 0.65)	0.61 (0.52, 0.71)	-9.2 (-27.3, 13.4)
Other and unspecified opioids	124	0.44 (0.36, 0.52)	0.45 (0.37, 0.53)	-2.2 (-24.1, 26.0)

Note: 95% confidence intervals for the age-standardised rate and average percent change are shown in brackets. Please refer to our [methods](#) document on 'Presentation of results' for interpretation of average percent change. Please also refer to our [methods](#) document on 'Scope of the data' and 'Coding of hospitalisations' for specifications of data selected and all exclusions.