

NATIONAL REPORT 2016

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# HEPATITIS B AND C MAPPING PROJECTS

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## Supplementary information

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WHO COLLABORATING CENTRE FOR VIRAL HEPATITIS  
THE PETER DOHERTY INSTITUTE FOR INFECTION AND IMMUNITY  
AUSTRALASIAN SOCIETY FOR HIV, VIRAL HEPATITIS AND SEXUAL HEALTH MEDICINE



Supplementary table 1: CHB and CHC notifications by PHN and SA3, 2015-2016

Data sources: National Notifiable Diseases Surveillance System notifications data. Totals may not add up due to discordance between SA3 and PHN boundaries. Data suppressed where number of notifications was <6. Cells which have been suppressed cannot be derived using PHN totals, due discordance between SA3 and PHN boundaries. The SA3s of Christmas Island, Cocos (Keeling) Islands, Canberra East, Lord Howe Island, and Norfolk Island are excluded from tables as they have a population <2000, limiting accurate calculations. #Data may be impacted due to a significant proportion of the population residing in a correctional facility.

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
<b>Australian Capital Territory</b>		411,030	87	21.2	149	36.3
	Belconnen	99,776	22	22.0	30	30.1
	Gungahlin	73,603	27	36.7	16	21.7
	North Canberra	55,048	15	27.2	33	59.9
	South Canberra	28,030	7	25.0	14	49.9
	Tuggeranong	88,446	-	-	31	35.0
	Weston Creek	29,103	-	-	7	24.1
	Woden Valley	36,104	6	16.6	12	33.2
<b>Central &amp; Eastern Sydney</b>		1,553,920	712	45.8	691	44.5
	Botany	44,289	23	51.9	15	33.9
	Canada Bay	88,658	38	42.9	15	16.9
	Canterbury	126,653	88	69.5	51	40.3
	Cronulla - Miranda - Caringbah	111,158	19	17.1	25	22.5
	Eastern Suburbs - North	131,270	17	13.0	41	31.2
	Eastern Suburbs - South	157,927	52	32.9	73	46.2
	Hurstville	134,007	92	68.7	26	19.4
	Kogarah-Rockdale	150,573	80	53.1	39	25.9
	Leichhardt	58,278	-	-	21	36.0
	Marrickville-Sydenham-Petersham	55,629	24	43.1	31	55.7
	Strathfield-Burwood-Ashfield	158,922	93	58.5	43	27.1
	Sutherland-Menai-Heathcote	115,148	17	14.8	13	11.3
	Sydney Inner City	219,196	164	74.8	298	136.0
<b>Northern Sydney</b>		906,774	289	31.9	149	16.4
	Chatswood - Lane Cove	125,504	42	33.5	27	21.5
	Hornsby	137,829	35	42.6	12	14.6
	Ku-ring-gai	53,714	41	29.7	19	13.8
	Manly	84,186	8	14.9	9	16.8

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	North Sydney-Mosman	41,403	18	21.4	19	22.6
	Pennant Hills-Epping	71,337	35	84.5	-	-
	Pittwater	139,485	-	-	12	16.8
	Ryde - Hunters Hill	137,607	77	55.2	19	13.6
	Warringah	137,829	22	16.0	28	20.3
<b>South Western Sydney</b>		954,815	531	55.6	448	46.9
	Bankstown	170,149	115	67.6	79	46.4
	Bringelly-Green Valley	100,265	49	48.9	37	36.9
	Camden	81,644	-	-	13	15.9
	Campbelltown (NSW)	167,109	51	30.5	94	56.3
	Fairfield	191,840	175	91.2	83	43.3
	Liverpool	129,766	66	50.9	55	42.4
	Southern Highlands	48,833	-	-	21	43.0
	Wollondilly	30,788	-	-	6	19.5
<b>Western Sydney</b>		953,429	501	52.5	312	32.7
	Auburn #	97,290	118	121.3	31	31.9
	Baulkham Hills	207,408	39	18.8	23	11.1
	Blacktown	126,664	54	42.6	56	44.2
	Blacktown-North	96,035	15	15.6	15	15.6
	Carlingford	65,444	35	53.5	13	19.9
	Dural - Wisemans Ferry	17,965	-	-	-	-
	Merrylands - Guildford	126,618	153	120.8	113	89.2
	Mount Druitt	111,962	43	38.4	53	47.3
	Parramatta	166,923	114	68.3	67	40.1
<b>Hunter New England &amp; Central Coast</b>		1,260,336	92	7.3	767	60.9
	Armidale	38,830	-	-	25	64.4
	Gosford	174,430	19	10.9	124	71.1
	Great Lakes	31,780	-	-	18	56.6
	Inverell - Tenterfield	37,399	-	-	20	53.5
	Lake Macquarie - East	138,897	-	-	45	32.4
	Lake Macquarie - West	54,610	-	-	17	31.1
	Lower Hunter	82,854	-	-	36	43.4
	Maitland	96,984	-	-	28	28.9
	Moree - Narrabri	26,735	-	-	17	63.6

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	Newcastle	166,444	24	14.4	110	66.1
	Port Stephens	72,116	6	8.3	38	52.7
	Tamworth - Gunnedah	83,836	-	-	61	72.8
	Taree - Gloucester	55,390	-	-	32	57.8
	Upper Hunter	31,295	-	-	14	44.7
	Wyong	168,809	13	7.7	183	108.4
<b>Murrumbidgee</b>		244,371	22	9.0	182	74.5
	Albury – see Murray PHN (Victoria)					
	Griffith - Murrumbidgee (West)	47,571	6	12.6	15	31.5
	Tumut - Tumbarumba	14,182	-	-	6	42.3
	Upper Murray exc. Albury	41,405	-	-	29	70.0
	Wagga Wagga	98,605	8	8.1	99	100.4
<b>North Coast</b>		524,437	41	7.8	474	90.4
	Clarence Valley	49,808	-	-	47	94.4
	Coffs Harbour	90,477	10	11.1	75	82.9
	Kempsey - Nambucca	51,590	7	13.6	68	131.8
	Port Macquarie	80,930	-	-	38	47.0
	Richmond Valley - Coastal	81,906	-	-	75	91.6
	Richmond Valley - Hinterland	76,306	10	13.1	87	114.0
	Tweed Valley	93,020	-	-	83	89.2
<b>South Eastern NSW</b>		618,544	59	9.5	344	55.6
	Dapto - Port Kembla	75,507	9	11.9	54	71.5
	Goulburn - Mulwaree	39,085	-	-	14	35.8
	Kiama - Shellharbour	96,088	-	-	30	31.2
	Queanbeyan	61,682	9	14.6	46	74.6
	Shoalhaven	102,275	7	6.8	70	68.4
	Snowy Mountains	20,180	-	-	6	29.7
	South Coast	73,304	-	-	54	73.7
	Wollongong	133,261	19	14.3	64	48.0
<b>Western NSW</b>		312,117	42	13.5	222	71.1
	Bathurst	24,166	-	-	20	41.0
	Bourke - Cobar - Coonamble	20,953	8	33.1	36	149.0

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	Broken Hill and Far West	72,274	-	-	21	100.2
	Dubbo	58,095	14	19.4	59	81.6
	Lachlan Valley	48,059	-	-	34	58.5
	Lithgow - Mudgee	13,315	-	-	28	58.3
	Lower Murray	59,977	-	-	15	112.7
	Orange	48,820	-	-	35	58.4
<b>Northern Territory</b>		237,919	109	45.8	191	80.3
	Alice Springs#	42,018	8	19.0	31	73.8
	Barkly	3,904	-	-	-	-
	Daly-Tiwi-West Arnhem	29,286	9	30.7	6	20.5
	Darwin City	26,919	48	178.3	45	167.2
	Darwin Suburbs#	55,742	28	50.2	44	78.9
	East Arnhem	6,322	-	-	-	-
	Katherine	18,871	-	-	7	37.1
	Litchfield	19,769	-	-	28	141.6
	Palmerston	35,087	7	20.0	23	65.6
<b>Brisbane North</b>		982,618	204	20.8	376	38.3
	Bald Hills - Everton Park	52,436	8	15.3	13	24.8
	Bribie - Beachmere	74,046	-	-	16	56.6
	Brisbane Inner	106,372	54	72.9	59	79.7
	Brisbane Inner - North	52,003	30	28.2	54	50.8
	Brisbane Inner - West	80,511	8	15.4	9	17.3
	Caboolture	11,913	-	-	49	60.9
	Caboolture Hinterland	76,682	-	-	16	134.3
	Chermside	52,436	19	24.8	31	40.4
	Kenmore - Brookfield - Moggill	46,985	8	17.0	-	-
	Narangba - Burpengary	61,153	10	16.4	19	31.1
	North Lakes	76,605	9	11.7	14	18.3
	Nundah	40,180	9	22.4	16	39.8
	Redcliffe	61,766	10	16.2	35	56.7
	Sandgate	50,922	9	17.7	22	43.2
	Sherwood - Indooroopilly	61,849	21	34.0	10	16.2
	Strathpine	58,934	11	18.7	17	28.8

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	The Gap – Enoggera	31,481	8	25.4	10	31.8
	The Hills District	73,411	-	-	9	12.3
<b>Brisbane South</b>		1,117,268	389	34.8	616	55.1
	Beaudesert	21,890	-	-	6	27.4
	Beenleigh	57,348	10	17.4	26	45.3
	Brisbane Inner - East	41,795	6	14.4	6	14.4
	Browns Plains	67,642	24	35.5	25	37.0
	Capalaba	80,500	10	12.4	21	26.1
	Carindale	46,414	10	21.5	10	21.5
	Centenary	34,140	10	29.3	9	26.4
	Cleveland - Stradbroke	78,234	7	8.9	24	30.7
	Forest Lake – Oxley#	67,170	69	102.7	235	349.9
	Holland Park - Yeronga	82,051	21	25.6	36	43.9
	Jimboomba	37,956	-	-	9	23.7
	Loganlea - Carbrook	67,445	14	20.8	27	40.0
	Mt Gravatt	79,887	37	46.3	20	25.0
	Nathan	27,852	12	43.1	12	43.1
	Rocklea - Acacia Ridge	59,990	37	61.7	15	25.0
	Springwood - Kingston	83,376	46	55.2	61	73.2
	Sunnybank	47,481	46	96.9	22	46.3
	Wynnum - Manly	73,173	8	10.9	25	34.2
<b>Gold Coast</b>		589,352	122	20.7	272	46.2
	Broadbeach - Burleigh	65,545	12	18.3	27	41.2
	Coolangatta	57,170	-	-	35	61.2
	Gold Coast - North	38,882	-	-	23	59.2
	Gold Coast Hinterland	15,456	-	-	16	103.5
	Mudgeeraba - Tallebudgera	35,666	7	19.6	7	19.6
	Nerang	63,155	6	9.5	26	41.2
	Ormeau - Oxenford	122,114	23	18.8	39	31.9
	Robina	58,156	15	25.8	13	22.4
	Southport	90,791	33	36.3	66	72.7
	Surfers Paradise	42,416	17	40.1	20	47.2
<b>Central Qld, Wide Bay, Sunshine Coast</b>		852,202	63	7.4	448	52.6
	Biloela	13,047	-	-	6	46.0

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	Buderim	64,735	7	10.8	16	24.7
	Bundaberg	90,781	-	-	56	61.7
	Caloundra	83,625	-	-	31	37.1
	Central Highlands (Qld)	25,705	-	-	-	-
	Gympie - Cooloola	52,865	-	-	23	35.9
	Hervey Bay	61,850	-	-	25	47.3
	Maroochy	62,309	-	-	43	69.5
	Maryborough#	41,416	7	11.2	23	36.9
	Nambour	46,996	-	-	80	193.2
	Noosa	34,946	-	-	24	51.1
	Noosa Hinterland	23,376	-	-	15	42.9
	Rockhampton	126,747	-	-	8	34.2
	Sunshine Coast Hinterland	44,652	14	11.0	78	61.5
<b>Darling Downs &amp; West Moreton</b>		566,593	80	14.1	265	46.8
	Burnett	49,253	-	-	26	52.8
	Darling Downs - East	39,839	-	-	14	35.1
	Darling Downs (West) - Maranoa	46,037	-	-	24	52.1
	Granite Belt	41,003	-	-	16	39.0
	Ipswich Hinterland	51,353	-	-	21	40.9
	Ipswich Inner	124,245	10	8.0	55	44.3
	Springfield - Redbank	87,151	44	50.5	44	50.5
	Toowoomba	160,848	18	11.2	81	50.4
<b>Northern Queensland</b>		701,231	141	20.1	393	56.0
	Bowen Basin - North	33,522	-	-	8	23.9
	Cairns - North	34,205	11	32.2	18	52.6
	Cairns - South	124,848	44	35.2	120	96.1
	Charters Towers - Ayr - Ingham	40,289	6	14.9	18	44.7
	Far North#	27,246	27	99.1	9	33.0
	Innisfail - Cassowary Coast	39,155	11	28.1	28	71.5
	Mackay	120,466	8	6.6	42	34.9
	Port Douglas - Daintree	12,045	-	-	-	-
	Tablelands (East) - Kuranda	46,203	6	13.0	41	88.7

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	Townsville	198,587	22	11.1	93	46.8
	Whitsunday	22,108	-	-	12	54.3
<b>Western Queensland</b>		63,566	7	11.0	29	45.6
	Outback - North	29,893	-	-	7	23.4
	Outback - South	18,226	-	-	13	71.3
<b>Adelaide</b>		1,237,593	256	20.7	313	25.3
	Adelaide City	22,920	9	39.3	30	130.9
	Burnside	45,662	12	26.3	-	-
	Campbelltown (SA)	62,991	12	19.1	10	15.9
	Charles Sturt	102,555	29	28.3	21	20.5
	Holdfast Bay	42,267	7	16.6	-	-
	Marion	73,366	12	16.4	18	24.5
	Mitcham	76,967	15	19.5	19	24.7
	Norwood - Payneham - St Peters	33,972	9	26.5	-	-
	Onkaparinga	168,229	10	5.9	38	22.6
	Playford	92,688	20	21.6	48	51.8
	Port Adelaide - East	70,072	28	40.0	48	68.5
	Port Adelaide - West	63,623	18	28.3	13	20.4
	Prospect - Walkerville	32,921	6	18.2	8	24.3
	Salisbury	139,416	43	30.8	30	21.5
	Tea Tree Gully	94,065	9	9.6	7	7.4
	Unley	39,622	6	15.1	-	-
	West Torrens	76,259	11	14.4	11	14.4
<b>Country SA</b>		498,845	39	7.8	168	33.7
	Adelaide Hills	35,905	-	-	9	12.2
	Barossa	58,961	-	-	6	16.7
	Eyre Peninsula and South West	50,818	-	-	19	32.2
	Fleurieu - Kangaroo Island	37,859	-	-	17	33.5
	Gawler - Two Wells	67,370	-	-	8	21.1
	Limestone Coast	23,526	9	13.4	30	44.5
	Lower North	28,219	-	-	-	-
	Mid North	71,383	-	-	6	21.3
	Murray and Mallee	24,935	9	12.6	42	58.8



Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	Outback - North East #	26,304	-	-	19	76.2
	Yorke Peninsula	73,565	-	-	11	41.8
<b>Tasmania</b>		528,674	40	7.6	239	45.2
	Brighton	23,908	-	-	9	37.6
	Burnie - Ulverstone	56,036	6	10.7	33	58.9
	Central Highlands (Tas.)	3,217	-	-	-	-
	Devonport	43,984	-	-	16	36.4
	Hobart - North East	53,978	6	10.4	33	61.1
	Hobart - North West	57,964	-	-	34	58.7
	Hobart - South and West	33,540	8	15.5	10	29.8
	Hobart Inner	51,583	-	-	21	40.7
	Huon - Bruny Island	21,429	11	12.7	7	32.7
	Launceston	86,495	-	-	23	26.6
	Meander Valley - West Tamar	20,659	-	-	16	77.4
	North East	40,193	-	-	15	37.3
	Sorell - Dodges Ferry	16,806	-	-	7	41.7
	South East Coast	5,679	-	-	-	-
	West Coast	13,202	-	-	-	-
<b>Eastern Melbourne</b>		1,522,751	500	32.8	336	22.1
	Banyule	122,136	23	18.8	36	29.5
	Boroondara	181,618	57	31.4	31	17.1
	Knox	171,238	36	21.0	43	25.1
	Manningham - East	29,530	-	-	-	-
	Manningham - West	93,725	51	54.4	10	10.7
	Maroondah	100,866	24	23.8	34	33.7
	Monash	183,989	107	58.2	25	13.6
	Nillumbik - Kinglake	58,106	-	-	17	29.3
	Whitehorse - East	63,117	38	60.2	8	12.7
	Whitehorse - West	117,488	57	48.5	24	20.4
	Whittlesea - Wallan	242,710	86	35.4	58	23.9
	Yarra Ranges	158,229	13	8.2	48	30.3
<b>North Western Melbourne</b>		1,659,844	768	46.3	754	45.4
	Brimbank	134,338	139	103.5	78	58.1
	Brunswick - Coburg	87,167	22	25.2	15	17.2

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	Darebin - North	87,494	34	38.9	39	44.6
	Darebin - South	56,893	7	12.3	18	31.6
	Essendon	72,334	26	35.9	10	13.8
	Hobsons Bay	90,436	27	29.9	32	35.4
	Keilor	62,570	8	12.8	14	22.4
	Macedon Ranges	29,951	-	-	-	-
	Maribyrnong	74,708	66	88.3	40	53.5
	Melbourne City	142,970	126	88.1	158	110.5
	Melton - Bacchus Marsh	209,800	70	33.4	135	64.3
	Moreland - North	78,127	18	23.0	28	35.8
	Sunbury	40,568	-	-	12	29.6
	Tullamarine - Broadmeadows	169,559	59	34.8	49	28.9
	Wyndham	234,899	127	54.1	88	37.5
	Yarra	88,030	38	43.2	34	38.6
<b>South Eastern Melbourne</b>		1,474,885	388	26.3	500	33.9
	Bayside	101,315	12	11.8	22	21.7
	Cardinia	96,858	16	16.5	33	34.1
	Casey - North	107,057	31	29.0	24	22.4
	Casey - South	212,967	47	22.1	56	26.3
	Dandenong	189,532	166	87.6	120	63.3
	Frankston	124,455	15	12.1	59	47.4
	Glen Eira	141,561	37	26.1	31	21.9
	Kingston	121,320	11	9.1	24	19.8
	Mornington Peninsula	166,092	9	5.4	38	22.9
	Port Phillip	108,239	17	15.7	68	62.8
	Stonnington - East	35,501	11	31.0	10	28.2
	Stonnington - West	69,987	16	22.9	15	21.4
<b>Gippsland</b>		284,189	19	6.7	147	51.7
	Baw Baw	48,100	-	-	18	37.4
	Gippsland - East	47,035	-	-	29	61.7
	Gippsland - South West	66,475	-	-	23	34.6
	Latrobe Valley	78,739	8	10.2	45	57.2
	Wellington #	43,841	-	-	32	73.0

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
<b>Murray</b>		621,149	70	11.1	341	54.9
	Albury (NSW)	64,967	-	-	43	66.2
	Bendigo	106,652	14	13.1	47	44.1
	Campaspe	38,491	-	-	16	41.6
	Heathcote - Castlemaine - Kyneton #	44,058	-	-	42	95.3
	Loddon - Elmore	8,953	-	-	-	-
	Mildura	55,882	9	16.1	30	53.7
	Moira	31,818	-	-	14	44.0
	Murray River - Swan Hill	38,822	-	-	12	30.9
	Shepparton	66,290	24	36.2	59	89.0
	Upper Goulburn Valley	56,022	-	-	27	48.2
	Wangaratta - Benalla	47,952	-	-	26	54.2
	Wodonga - Alpine	72,804	7	9.6	31	42.6
<b>Western Victoria</b>		640,753	38	5.9	278	43.4
	Ballarat	120,870	8	6.6	45	37.2
	Barwon - West	17,976	-	-	-	-
	Colac - Corangamite	37,833	-	-	17	44.9
	Creswick - Daylesford - Ballan	23,779	-	-	8	33.6
	Geelong	192,404	19	9.9	116	60.3
	Glenelg - Southern Grampians	36,822	-	-	11	29.9
	Grampians	61,042	-	-	36	59.0
	Maryborough - Pyrenees	19,239	-	-	11	57.2
	Surf Coast - Bellarine Peninsula	23,779	-	-	12	15.4
	Warrnambool	53,028	-	-	18	33.9
<b>Perth North</b>		1,049,819	264	25.1	397	37.8
	Bayswater - Bassendean	83,161	22	26.5	27	32.5
	Cottesloe - Claremont	62,041	12	19.3	13	21.0
	Joondalup	150,717	16	10.6	17	11.3
	Kalamunda	53,444	7	13.1	10	18.7
	Mundaring #	25,604	-	-	41	160.1
	Perth City	123,926	32	25.8	101	81.5
	Stirling	205,639	72	35.0	53	25.8

Primary Health Network	SA3	Total population	HBV Notifications	HBV Notification rate per 100,000	HCV Notifications	HCV Notification rate per 100,000
	Swan	150,062	42	28.0	73	48.6
	Wanneroo	195,225	60	30.7	62	31.8
<b>Perth South</b>		980,768	296	30.2	441	45.0
	Armadale	82,701	15	18.1	42	50.8
	Belmont - Victoria Park	73,453	32	43.6	41	55.8
	Canning	146,995	85	57.8	78	53.1
	Cockburn	121,606	23	18.9	38	31.2
	Fremantle	31,456	-	-	24	76.3
	Gosnells	79,073	44	55.6	32	40.5
	Kwinana #	40,425	13	32.2	49	121.2
	Mandurah	100,492	8	8.0	49	48.8
	Melville	95,501	30	31.4	14	14.7
	Rockingham	129,951	20	15.4	38	29.2
	Serpentine – Jarrahdale #	27,919	-	-	9	32.2
	South Perth	43,665	15	34.4	-	-
<b>Country WA</b>		534,085	83	15.5	283	53.0
	Albany	61,556	6	9.7	40	65.0
	Augusta - Margaret River - Busselton	52,918	-	-	17	32.1
	Bunbury	106,807	8	7.5	49	45.9
	East Pilbara	25,776	6	23.3	9	34.9
	Esperance	16,582	-	-	9	54.3
	Gascoyne	9,811	-	-	-	-
	Goldfields	39,543	15	37.9	20	50.6
	Kimberley	35,697	9	25.2	16	44.8
	Manjimup	23,495	-	-	12	51.1
	Mid West	56,044	-	-	42	74.9
	West Pilbara	35,835	6	16.7	14	39.1
	Wheat Belt - North	54,245	16	29.5	36	66.4
	Wheat Belt - South	20,831	-	-	16	76.8

Supplementary table 2: CHB treatment by provider type over time, 2015-2016

State/Territory	Treated by a GP	Proportion (%)	Treated by a specialist physician	Proportion (%)	Treated by other provider	Proportion (%)
Jan-Mar 2015	1,265	10.1%	9,516	82.7%	1,694	13.0%
Apr-Jun 2015	1,442	11.1%	9,784	81.9%	1,752	13.8%
Jul-Sep 2015	1,721	12.7%	9,994	80.0%	1,883	14.6%
Oct-Dec 2015	1,950	13.8%	10,136	78.5%	2,091	15.2%
Jan-Mar 2016	2,165	15.3%	9,930	79.1%	2,051	14.1%
Apr-Jun 2016	2,414	16.4%	10,106	77.9%	2,216	14.9%
Jul-Sep 2016	2,545	17.0%	10,251	77.3%	2,213	14.5%
Oct-Dec 2016	2,760	17.9%	10,328	76.0%	2,289	15.0%

Data source: Department of Human Services Medicare and PBS statistics. Totals may not add up due to individuals appearing in multiple categories during a particular period; for example, patients prescribed by both a specialist physician and a GP during their course of treatment.

Supplementary table 3: CHB treatment by age and sex over time, 2015-2016

Sex and age group	Treated in 2015	Proportion (%)	Treated in 2016	Proportion (%)
MALES				
0-20	48	0.5%	69	0.6%
21-40	2,259	23.0%	2,428	22.3%
41-60	5,157	52.4%	5,567	51.1%
>60	2,379	24.2%	2,827	26.0%
<b>TOTAL</b>	<b>9,843</b>		<b>10,891</b>	
FEMALES				
0-20	27	0.5%	38	0.6%
21-40	1,536	25.8%	1,684	24.8%
41-60	2,969	49.9%	3,341	49.3%
>60	1,415	23.8%	1,720	25.4%
<b>TOTAL</b>	<b>5,947</b>		<b>6,783</b>	

Data source: Department of Human Services Medicare and PBS statistics. Totals may not add up due to individuals appearing in multiple categories during a particular period.

Supplementary table 4: CHB treatment by drug prescribed over time, 2015-2016

Sex and age group	Treated in 2015	Proportion (%)	Treated in 2016	Proportion (%)
Entecavir	8,408	47.2%	9,574	48.8%
Tenofovir	5,945	33.4%	6,626	33.8%
Lamivudine	1,506	8.5%	1,501	7.7%
Tenofovir/Lamivudine	558	3.1%	555	2.8%
Entecavir/Tenofovir	466	2.6%	497	2.5%
Adefovir	421	2.4%	352	1.8%
Adefovir/Lamivudine	304	1.7%	296	1.5%
Pegylated Interferon	163	0.9%	163	0.8%
Entecavir/Adefovir	39	0.2%	39	0.2%
	<b>17,810</b>		<b>19,603</b>	

Data source: Department of Human Services Medicare and PBS statistics. Totals may not add up due to individuals appearing in multiple categories during a particular period.

Supplementary table 5: Specialist physician workforce distribution by Primary Health Network, 2015

Primary Health Network	Sum of population	Total relevant specialists <sup>^</sup>	Specialists per 100,000 population	Specialists per 100 square km	Specialists per 1000 PLWCHB	Specialists per 1000 PLWCHC
Adelaide	1,237,593	165	13.3	10.6	14.2	23.1
Australian Capital Territory	411,030	38	9.2	1.6	9.4	10.6
Brisbane North	982,618	98	10.0	2.4	12.9	11.2
Brisbane South	1,117,268	97	8.7	2.5	7.7	6.8
Central and Eastern Sydney	1,553,920	163	10.5	24.3	7.2	10.2
Central Queensland	852,202	68	8.0	0.0	12.6	7.3
Country SA	498,845	-	-	-	-	-
Country WA	534,085	21	3.9	0.0	4.5	3.6
Darling Downs and West Moreton	566,593	23	4.1	0.0	5.5	3.7
Eastern Melbourne	1,522,751	134	8.8	3.4	7.6	17.1
Gippsland	284,189	11	3.9	0.0	7.4	3.8
Gold Coast	589,352	34	5.8	1.8	7.2	6.0
Hunter New England & Central Coast	1,260,336	72	5.7	0.1	8.5	5.4
Murrumbidgee	621,149	27	4.3	0.0	7.5	4.4
Murray (VIC)	244,371	-	-	-	-	-
Nepean Blue Mountains	375,164	16	4.3	0.2	5.9	4.5
North Coast (NSW)	524,437	28	5.3	0.1	8.3	3.4
North Western Melbourne	1,659,844	161	9.7	5.1	7.6	10.3
Northern Queensland	701,231	38	5.4	0.0	5.8	4.2
Northern Sydney	906,774	67	7.4	7.4	6.2	18.1
Northern Territory	237,919	19	8.0	0.0	4.7	4.3
Perth North	1,049,819	99	9.4	3.3	9.9	11.7
Perth South	980,768	43	4.4	0.8	4.5	4.5
South Eastern Melbourne	1,474,885	98	6.6	3.4	6.8	8.4
South Eastern NSW	618,544	31	5.0	0.1	7.3	4.6
South Western Sydney	954,815	46	4.8	0.7	3.3	4.8
Tasmania	528,674	46	8.7	0.1	13.0	8.3
Western NSW	312,117	18	5.8	0.0	7.0	3.5
Western Queensland	63,566	-	-	-	-	-
Western Sydney	953,429	51	5.3	6.6	3.9	7.2
Western Victoria	640,753	35	5.5	0.0	10.2	6.5
<b>Australian Total</b>	<b>24,259,041</b>	<b>1,747</b>	<b>7.2</b>	<b>0.0</b>	<b>7.4</b>	<b>7.7</b>

Data source: Australian Health Practitioner Regulation Agency Workforce Survey; Estimation of CHB prevalence based on population-specific prevalence and ABS population data; Estimates of CHC prevalence based on published national estimates and notifications distribution. Data suppressed where total number of specialists was <6.

<sup>^</sup>Those physicians whose registered specialty corresponds with those who most commonly prescribe hepatitis B treatment (addiction medicine, gastroenterology and hepatology, general medicine, infectious diseases, sexual health medicine).

Supplementary table 6: CHC treatment by provider type over time, 2015-2016

State/Territory	Treated by a GP	Proportion (%)	Treated by a specialist physician	Proportion (%)	Treated by other provider	Proportion (%)
Mar 2013-Feb 2016	1,765	14.6%	7,329	60.5%	3,014	24.9%
Mar 2016-May 2016	3,273	18.5%	10,454	59.1%	3,964	22.4%
Jun 2016-Aug 2016	5,674	23.9%	12,532	52.8%	5,529	23.3%
Sep 2016-Nov 2016	5,115	28.4%	8,531	47.4%	4,360	24.2%
Dec 2016-Feb 2017	4,231	32.5%	5,558	42.6%	3,247	24.9%
Mar 2017-May 2017	4,574	36.8%	4,667	37.6%	3,181	25.6%

Data source: Department of Human Services Medicare and PBS statistics. Totals may not add up due to individuals appearing in multiple categories during a particular period; for example, patients prescribed by both a specialist physician and a GP during their course of treatment.

Supplementary table 7: CHC treatment by age and sex over time, 2016-2017

Sex and age group	Treated in Mar 2016-Aug 2016	Proportion (%)	Treated in Sep 2016-Feb 2017	Proportion (%)
MALES				
0-20	37	0.2%	30	0.2%
21-40	2,698	17.1%	2,940	22.5%
41-60	10,166	64.6%	8,139	62.3%
>60	2,848	18.1%	1,961	15.0%
<b>TOTAL</b>	<b>15,749</b>		<b>13,070</b>	
FEMALES				
0-20	18	0.2%	22	0.4%
21-40	1,327	16.5%	1,339	21.5%
41-60	5,059	62.9%	3,879	62.3%
>60	1,639	20.4%	984	15.8%
<b>TOTAL</b>	<b>8,043</b>		<b>6,224</b>	

Data source: Department of Human Services Medicare and PBS statistics. Totals may not add up due to individuals appearing in multiple categories during a particular period.