

DATA BRIEF- INTELLECTUAL DISABILITIES

Data Captured

- Claims associated with intellectual disabilities diagnoses, 2017-2019
- Claims associated with intellectual disabilities diagnoses, by sex/gender, 2018-2019
- Claims associated with intellectual disabilities diagnoses, by age category, 2018-2019

Disclaimer & Explanation

Data provided in this response is provided by the Bermuda Health Council and must be cited and authorized prior to publication or use. Bermuda Health Council does not make any guarantees or provide third party validation for the data sources.

Data briefs are created and posted based on input from a variety of stakeholders and are used for multiple applications. The data presented below are by topic, with specifics such as diagnoses codes and procedures codes often coming from the requestor. As a result, the same topic or condition may show different claims data, due to variability in coding selection. Additionally, as information is received, changes in data capture may occur, which may be corroborated by the dates of the request. Due to the nature of procedure coding, many codes are not mutually exclusive to a specific application or specialty, which means values for office visits, for example, may appear in multiple specialty analytics. Additional information is available, with regard to claim type and diagnosis to discern further follow up, as needed. Finally, analytics for “common” coding in any field are strictly based on identically matching values. It is possible other, frequent codes exist, but may not be captured if entered in multiple varied formats.

The data used to generate this brief includes claims data and expenditure from 1 April 2017 to 31 March 2019. For any clarification or follow up information, please email healthcouncil@bhec.bm.

To submit a topic of interest for a data brief, please complete an online [Data Analysis Interest Form](#).

Data & Interpretation

The below table represents the claims count for ICD-9 diagnosis codes related to intellectual disabilities, as defined by ICD-9 Data and corroborated by American Psychiatric Association.^{1,2} It should be noted, here, the claims counts do not suggest number of individuals. Instead, this is how many times a visit to a health provider included a relevant diagnosis code. For each claim, up to five diagnoses can be entered by the health

¹ ICD-9 Data. “Unspecified Intellectual Disabilities”. Retrieved from: <http://www.icd9data.com/2015/Volume1/290-319/317-319/319/319.htm>

² American Psychiatric Association. “What is Intellectual Disability.” Retrieved from: <https://www.psychiatry.org/patients-families/intellectual-disability/what-is-intellectual-disability>

professional, thus the diagnosis indicated may not have been the primary diagnosis for the required care. The primary source of the care, reported here, is occurring in Bermuda.

Claims Count by Diagnosis

ICD-9 Code	Description	Claims Total	
		2017-2018	2018-2019
270.1	Oligophrenia, phenylpyruvic	2	0
290.0	Syndrome, brain, senile	376	251
290.1	Presenile brain disease	5	18
291.1	Meynert's (alcoholic amentia)	4	146
291.2	Syndrome, nonpsychotic brain, chronic alcoholic	58	67
293.0	Syndrome, brain, posttraumatic (psychotic-acute)	1,430	1,385
293.1	Syndrome, brain, posttraumatic (psychotic-subacute)	16	67
293.9	Syndrome, brain, posttraumatic (psychotic)	34	7
294.0	Meynert's (non-alcoholic amentia)	91	111
294.2	Dementia	12,422	13,027
294.8	Syndrome, brain, posttraumatic (psychotic-chronic)	201	170
294.9	Syndrome, brain, psychotic or psychosis	61	35
310.2	Syndrome, brain, postcontusional or posttraumatic	213	79
310.9	Syndrome, brain, psycho-organic	4	24
317.0	Disability (intellectual), mild, IQ 50-70	0	1
318.0	Disability (intellectual), moderate, IQ 35-49	8	2
318.1	Disability (intellectual), severe, IQ 2-34	0	19
318.2	Disability (intellectual), profound, IQ under 20	0	0
319.0	Unspecified Intellectual Disabilities	1,008	512
759.6	Nevoid (amentia)	5	0
759.9	Defect (defective), mental	25	33
V62.89	Disability (intellectual), borderline	189	221

Additionally breakdowns by sex/gender and age category have been included, below.

Claims by Demographics and Diagnoses

ICD-9 Code	Description	2019 Claims Total				
		Males	Females	18 years old and Under	19 years old to 64 years old	65+ years old
270.1	Oligophrenia, phenylpyruvic	0	0	0	0	0
290.0	Syndrome, brain, senile	104	147	9	29	213
290.1	Presenile brain disease	9	9	0	1	17
291.1	Meynert's (alcoholic amentia)	144	2	0	70	76
291.2	Syndrome, nonpsychotic brain, chronic alcoholic	52	15	0	0	67
293.0	Syndrome, brain, posttraumatic	828	557	2	175	1,208

	(psychotic-acute)					
293.1	Syndrome, brain, posttraumatic (psychotic-subacute)	5	62	0	1	66
293.9	Syndrome, brain, posttraumatic (psychotic)	1	6	0	7	0
294.0	Meynert's (non-alcoholic amentia)	34	77	0	3	108
294.2	Dementia	6,805	6,222	17	717	12,293
294.8	Syndrome, brain, posttraumatic (psychotic-chronic)	75	95	0	16	154
294.9	Syndrome, brain, psychotic or psychosis	7	28	0	4	31
310.2	Syndrome, brain, postcontusional or posttraumatic	43	36	32	31	16
310.9	Syndrome, brain, psycho-organic	0	24	0	0	24
317.0	Disability (intellectual), mild, IQ 50-70	0	1	0	0	1
318.0	Disability (intellectual), moderate, IQ 35-49	1	1	0	2	0
318.1	Disability (intellectual), severe, IQ 2-34	0	19	0	0	19
318.2	Disability (intellectual), profound, IQ under 20	0	0	0	0	0
319.0	Unspecified Intellectual Disabilities	276	236	3	358	151
759.6	Nevoid (amentia)	0	0	0	0	0
759.9	Defect (defective), mental	2	31	2	31	0
V62.89	Disability (intellectual), borderline	70	151	34	167	20