



Ministry of Health Consolidated Analytics Services

Title **Electroconvulsive Therapy among Mental Health Involuntary Hospitalizations in BC**

Completion Date 2017-10-31

Client FOI Request

Question being asked

Records/statistics regarding the use of electroconvulsive therapy among involuntary patients, including the age and gender of the patients, for the most recent ten years of data available

Date Range for Record Search: From 01/01/2007 To 10/16/2017

Prepared by MOHAnalytics Integrated Analytics | Hospital & Diagnostic Analytics

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SME = Subject Matter Expert





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Notes

1. This is a workload report: BC residents treated out of province are excluded. Non-BC residents are included.
2. Care level: Acute, Rehab and Day Surgery care level
3. Mental Health diagnoses (Most Responsible Diagnosis only)
ICD 10 codes: F0, F1, F2, F3, F4, F50, F51, F52, F530, F531, F55, F59, F6, F840, F841, F843, F844, F845, F848, F849, F9, Z281, Z55, Z56, Z57, Z600, Z601, Z603, Z604, Z605, Z608, Z609, Z61, Z62, Z63, Z640, Z641, Z644, Z65, Z720, Z721, Z722, Z723, Z724, Z725, Z726, Z729, Z730, Z731, Z732, Z733, Z734, Z735, Z738, Z739, R410, G312, G442
4. The intervention code for the electroconvulsive therapy is: 1.AN.09.JA-DV, if it appears during a hospitalization, then the case will be counted
5. Riverview Hospital did not report project #325-Mental Health Involuntary Admissions before 2008/09 but almost all the admissions are involuntary. Therefore all the admissions in River Hospital will be regarded as Involuntary Admission. Other cases have the involuntary admission flag.
6. The following age groups are used : 0-25, 26-40, 41-65, 66-75, 76+



Electroconvulsive Therapy among Mental Health Patients with an Involuntary Hospitalization

by Calendar Year, Gender and Age Group

Calendar Year	Gender					Total
		0-40	41-65	66-75	76+	
2007	F	41	99	14	25	179
	M	17	33	14	11	75
2007 Total		58	132	28	36	254
2008	F	36	79	21	19	155
	M	17	33	11	8	69
2008 Total		53	112	32	27	224
2009	F	25	77	27	32	161
	M	25	50	44	8	127
2009 Total		50	127	71	40	288
2010	F	28	130	18	32	208
	M	27	41	25	18	111
2010 Total		55	171	43	50	319
2011	F	36	97	15	23	171
	M	21	43	12	10	86
2011 Total		57	140	27	33	257
2012	F	49	90	28	31	198
	M	20	42	13	8	83
2012 Total		69	132	41	39	281
2013	F	41	81	24	32	178
	M	12	42	15	12	81
2013 Total		53	123	39	44	259
2014	F	30	84	31	32	177
	M	25	44	14	11	94
2014 Total		55	128	45	43	271
2015	F	41	71	31	34	177
	M	29	53	21	11	114
2015 Total		70	124	52	45	291
2016	F	31	73	35	31	170
	M	27	46	28	8	109
	unknown	1				1
2016 Total		59	119	63	39	280
2017 ytd	F	16	37	13	14	80
	M	9	25	16	4	54
2017 ytd total		25	62	29	18	134

N.B. Cite sources and read cover page when using these data.

Sources: DAD (Discharge Abstract Database)

Note: Involuntary hospitalization means there was a discharge record for a patient who was detained under the Mental Health Act with one or two certificates at some time during the stay.