

Electrical Convulsion Therapy (ECTs) in BC

By Health Authority of Patient Residence

1992/93 - 2012/13

2012/13 incomplete year, extracted on November 28, 2012

Patient Residence (HA)	Statistic	Fiscal Year																				
		1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
Interior Health Authority	Cases	234	291	284	366	332	324	296	411	341	264	276	246	242	233	159	208	238	151	298	1,203	430
	Patients	113	126	125	157	158	169	154	143	143	117	120	98	80	95	76	96	90	75	107	155	88
	Cases per 100,000	39	47	45	56	50	48	44	61	50	39	41	37	36	34	23	30	33	21	41	163	58
	Patients per 100,000	19	20	20	24	24	25	23	21	21	17	18	15	12	14	11	14	12	10	15	21	12
Fraser Health Authority	Cases	137	180	264	443	621	682	673	636	530	633	552	611	844	917	867	859	980	1,155	1,161	1,266	617
	Patients	116	133	168	193	206	218	210	224	164	185	147	152	158	178	164	168	166	183	187	168	112
	Cases per 100,000	12	16	22	36	49	52	51	47	39	45	39	43	58	62	58	57	64	73	72	78	37
	Patients per 100,000	11	12	14	16	16	17	16	17	12	13	10	11	11	12	11	11	11	12	12	10	7
Vancouver Coastal Health Authority	Cases	132	188	416	911	899	815	650	686	613	615	631	822	942	1,129	1,183	1,258	1,322	1,113	1,275	1,088	596
	Patients	105	141	225	235	228	221	196	188	162	148	159	178	169	191	169	195	165	183	172	170	126
	Cases per 100,000	15	21	46	98	94	84	66	69	61	60	61	79	90	107	111	116	121	100	112	94	51
	Patients per 100,000	12	16	25	25	24	23	20	19	16	14	15	17	16	18	16	18	15	16	15	15	11
Vancouver Island Health Authority	Cases	83	119	134	126	164	159	195	322	374	528	850	772	711	1,171	1,469	1,301	1,416	1,471	1,458	1,512	744
	Patients	60	58	64	71	71	83	74	92	116	120	135	150	121	170	171	157	155	139	144	149	113
	Cases per 100,000	13	19	20	19	24	23	28	47	55	77	123	111	101	164	203	178	191	196	192	198	97
	Patients per 100,000	10	9	10	11	10	12	11	13	17	17	20	22	17	24	24	22	21	19	19	20	15
Northern Health Authority	Cases	19	38	50	298	332	316	295	411	311	359	224	348	439	353	550	468	426	405	182	201	70
	Patients	14	31	37	57	51	60	48	61	54	40	37	44	42	41	51	48	53	45	31	28	18
	Cases per 100,000	7	13	17	98	107	102	96	136	104	122	78	122	153	125	195	166	150	142	63	69	24
	Patients per 100,000	5	11	12	19	16	19	16	20	18	14	13	15	15	14	18	17	19	16	11	10	6
BC Unknown	Cases	2	7	7	1		7	10	2	4	2	5	8	2	6	4	21	11	9	7	29	11
	Patients	2	7	6	1		7	4	2	4	2	5	6	2	5	4	6	6	5	3	7	4
	Cases per 100,000																					
	Patients per 100,000																					
BC Total	Cases	607	823	1,155	2,145	2,348	2,303	2,119	2,468	2,173	2,401	2,538	2,807	3,180	3,809	4,232	4,115	4,393	4,304	4,381	5,299	2,468
	Patients	410	494	620	707	713	753	684	707	638	611	598	621	569	673	631	664	628	624	636	668	459
	Cases per 100,000	17	23	31	57	61	58	53	62	54	59	62	68	77	91	100	95	100	97	97	116	53
	Patients per 100,000	12	14	17	19	18	19	17	18	16	15	15	15	14	16	15	15	14	14	14	15	10

Source:

Hospitalization Discharge Database

Notes:

1. This report was produced using data for Acute, Rehab and Day Surgery care levels (including newborns), using population table
2. Residents of B.C. treated out of province are included. Non-BC residents are excluded.
3. ECTs are identified by any intervention coded with CCI 1.AN.09.JADV, CCP 0838
4. The sum of patients by health authority does not equal the BC figures.

Electrical Convulsion Therapy (ECTs) in BC

By Care Level

1992/93 - 2012/13 2012/13 incomplete year, extracted on November 28, 2012

Level of Care	Statistic	Fiscal Year																				
		1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
Acute	Cases	454	554	720	789	789	851	739	779	688	647	627	614	508	686	657	712	560	548	541	450	260
	Patients	385	463	591	627	637	664	592	616	559	515	470	477	422	502	436	485	427	430	443	385	220
Day Surgery	Cases	153	269	435	1,356	1,559	1,452	1,380	1,689	1,485	1,754	1,911	2,193	2,672	3,123	3,575	3,403	3,833	3,756	3,840	4,849	2,208
	Patients	40	51	70	153	160	183	184	192	178	174	200	238	246	305	331	319	328	326	342	440	316
BC Total	Cases	607	823	1,155	2,145	2,348	2,303	2,119	2,468	2,173	2,401	2,538	2,807	3,180	3,809	4,232	4,115	4,393	4,304	4,381	5,299	2,468
	Patients	410	494	620	707	713	753	684	707	638	611	598	621	569	673	631	664	628	624	636	668	459

Source:

Hospitalization Discharge Database

Notes:

1. This report was produced using data for Acute, Rehab and Day Surgery care levels (including newborns), using population
2. Residents of B.C. treated out of province are included. Non-BC residents are excluded.
3. ECTs are identified by any intervention coded with CCI 1.AN.09.JADV, CCP 0838
4. The sum of patients by care level does not equal the BC figures.
5. Riverview Hospital cases with length of stay greater than 180 days are excluded.

Electrical Convulsion Therapy (ECTs) in BC

1992/93 - 2012/13

Project: 2012_0888

Filename: S15

Source: **Hospitalization Discharge Database**
Data extracted on November 28, 2012

Notes: All relevant notes and criteria

- 1 This report was produced using data for Acute, Rehab and Day Surgery care levels (including newborns), using population table
- 2 Residents of B.C. treated out of province are included. Non-BC residents are excluded.
- 3 ECTs are identified by any intervention coded with CCI 1.AN.09.JADV, CCP 0838
- 4 Riverview Hospital cases with length of stay greater than 180 days are excluded.

Electrical Convulsion Therapy (ECTs) in BC

1992/93 - 2012/13

Date: November 29, 2012

Client: FOI Request HTH-2012-00200, Will Thomas (Health Authority Division)

Author: Ming Guo

Project #: 2012_0888

Please reference the project # when making inquiries about this report.

Filename: 515

Source: Hospitalization Discharge Database
Data extracted on November 28, 2012

Tab:

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Notes
Rpt_CareLevel
Rpt_HAs

Privacy Statement: The information contained in this/these spreadsheet(s) is of a summary nature and may be released in its entirety (Cover Sheet and relevant Tabs) for the purpose for which it was provided. However, as it was prepared to address a specific question, other use or manipulation of the data is not permitted.

**Title: Fee item 641 - Electroconvulsive Therapy
Unique Patient Counts by Age Group and Gender
by date of service, for fiscal years 1992/1993 to 2011/2012, paid to October 31, 2012**

Date: November 26, 2012

Author: Dawn Marr

Client: FOI Request HTH-2012-00200 (Will Thomas, Health Authority Division)

Project: 2012_230

File Name:

S
R

Source: MSP, Priority Projects Branch, Planning and Innovation Division, BC Ministry of Health

Notes: Data extracted November 26, 2012
See additional notes on data sheet for complete information

Tabs	Cover Page	Unique Patient Counts for Fee Item 641, by Age Group and Gender for fiscal years 1992/1993 to 2011/2012
	data	

PRIVACY STATEMENT

The information contained in this/these spreadsheet(s) is of a summary nature and may be released in its entirety (Cover Sheet and relevant Tabs) for the purpose for which it was provided. However, as it was prepared to address a specific question, other use or manipulation of the data is not permitted.

Planning and Innovation Division

**Unique Patient Counts for Fee Item 641 - Electroconvulsive Therapy
by Age Group and Gender
by date of service, for fiscal years 1992/1993 to 2011/2012, paid to October 31, 2012**

Fiscal Year	Age Group	Unique Patient Count			
		Females	Males	Unknown	Total
1992/1993	1 to 19	*	*		*
1992/1993	20 to 24	*	*		*
1992/1993	25 to 29	12	7		19
1992/1993	30 to 34	16	8		24
1992/1993	35 to 39	35	15		50
1992/1993	40 to 44	12	14		26
1992/1993	45 to 49	14	6		20
1992/1993	50 to 54	16	11		27
1992/1993	55 to 59	18	11		29
1992/1993	60 to 64	*	*		*
1992/1993	65 to 69	25	12		37
1992/1993	70 to 74	16	15		31
1992/1993	75 to 79	12	8	3	23
1992/1993	80 to 84	*	*	*	*
1992/1993	85 to 89	*	*		*
1992/1993	Unknown	*	*		*
Totals for 1992/1993		221	125	5	351
1993/1994	1 to 19	*	*		*
1993/1994	20 to 24	*	*		*
1993/1994	25 to 29	9	10		19
1993/1994	30 to 34	25	7		32
1993/1994	35 to 39	25	13		38
1993/1994	40 to 44	30	19		49
1993/1994	45 to 49	19	8		27
1993/1994	50 to 54	19	16		35
1993/1994	55 to 59	20	13		33
1993/1994	60 to 64	20	13		33
1993/1994	65 to 69	33	15		48
1993/1994	70 to 74	25	19		44
1993/1994	75 to 79	30	14	2	46
1993/1994	80 to 84	18	13	1	32
1993/1994	85 to 89	*	*		*
1993/1994	90+	*	*	*	*
1993/1994	Unknown	*	*	*	*
Totals for 1993/1994		293	175	5	473
1994/1995	1 to 19	*	*		*
1994/1995	20 to 24	*	*	*	*
1994/1995	25 to 29	16	12		28
1994/1995	30 to 34	39	11		50
1994/1995	35 to 39	41	21		62
1994/1995	40 to 44	31	25		56
1994/1995	45 to 49	39	22		61
1994/1995	50 to 54	29	19		48
1994/1995	55 to 59	21	12		33
1994/1995	60 to 64	25	23	3	51
1994/1995	65 to 69	38	20		58
1994/1995	70 to 74	41	27	3	71
1994/1995	75 to 79	31	14	1	46
1994/1995	80 to 84	30	19	1	50
1994/1995	85 to 89	19	7	1	27

		Unique Patient Count			
1994/1995	90+	*	*		*
Totals for 1994/1995		411	245	10	666
1995/1996	1 to 19	*	*		*
1995/1996	20 to 24	11	9		20
1995/1996	25 to 29	22	15		37
1995/1996	30 to 34	38	12		50
1995/1996	35 to 39	57	17		74
1995/1996	40 to 44	56	28		84
1995/1996	45 to 49	43	30		73
1995/1996	50 to 54	39	17		56
1995/1996	55 to 59	27	17		44
1995/1996	60 to 64	25	27	1	53
1995/1996	65 to 69	42	21		63
1995/1996	70 to 74	46	26	1	73
1995/1996	75 to 79	48	22		70
1995/1996	80 to 84	40	16	1	57
1995/1996	85 to 89	19	8	1	28
1995/1996	90+	*	*	*	*
Totals for 1995/1996		522	270	5	797
1996/1997	1 to 19	*	*		*
1996/1997	20 to 24	7	10		17
1996/1997	25 to 29	28	10		38
1996/1997	30 to 34	29	17		46
1996/1997	35 to 39	62	21		83
1996/1997	40 to 44	51	22		73
1996/1997	45 to 49	38	17		55
1996/1997	50 to 54	31	18		49
1996/1997	55 to 59	23	21		44
1996/1997	60 to 64	36	20		56
1996/1997	65 to 69	34	19		53
1996/1997	70 to 74	61	22		83
1996/1997	75 to 79	61	31	1	93
1996/1997	80 to 84	57	12	1	70
1996/1997	85 to 89	17	11		28
1996/1997	90+	*	*		*
Totals for 1996/1997		548	257	2	807
1997/1998	1 to 19	*	*		*
1997/1998	20 to 24	21	11		32
1997/1998	25 to 29	29	7		36
1997/1998	30 to 34	39	25		64
1997/1998	35 to 39	50	35		85
1997/1998	40 to 44	57	29		86
1997/1998	45 to 49	43	26		69
1997/1998	50 to 54	41	29		70
1997/1998	55 to 59	30	24		54
1997/1998	60 to 64	28	23		51
1997/1998	65 to 69	49	35		84
1997/1998	70 to 74	51	24		75
1997/1998	75 to 79	58	26	1	85
1997/1998	80 to 84	48	15	1	64
1997/1998	85 to 89	32	8		40
1997/1998	90+	*	*		*
Totals for 1997/1998		591	324	2	917
1998/1999	1 to 19	*	*		*
1998/1999	20 to 24	12	9		21
1998/1999	25 to 29	24	13		37
1998/1999	30 to 34	28	19		47

		Unique Patient Count			
1998/1999	35 to 39	59	17		76
1998/1999	40 to 44	60	25		85
1998/1999	45 to 49	50	29		79
1998/1999	50 to 54	38	36		74
1998/1999	55 to 59	41	28		69
1998/1999	60 to 64	25	18		43
1998/1999	65 to 69	46	24		70
1998/1999	70 to 74	66	24		90
1998/1999	75 to 79	58	27	1	86
1998/1999	80 to 84	41	21		62
1998/1999	85 to 89	34	11		45
1998/1999	90+	*	*		*
Totals for 1998/1999		598	306	1	905
1999/2000	1 to 19	*	*	*	*
1999/2000	20 to 24	15	9		24
1999/2000	25 to 29	19	11		30
1999/2000	30 to 34	33	21		54
1999/2000	35 to 39	55	21		76
1999/2000	40 to 44	64	25		89
1999/2000	45 to 49	64	29		93
1999/2000	50 to 54	39	29		68
1999/2000	55 to 59	36	33		69
1999/2000	60 to 64	34	25		59
1999/2000	65 to 69	39	36		75
1999/2000	70 to 74	62	24		86
1999/2000	75 to 79	69	29	1	99
1999/2000	80 to 84	49	18		67
1999/2000	85 to 89	37	6		43
1999/2000	90+	*	*		*
Totals for 1999/2000		625	323	2	950
2000/2001	1 to 19	*	*		*
2000/2001	20 to 24	8	6		14
2000/2001	25 to 29	12	14		26
2000/2001	30 to 34	23	12		35
2000/2001	35 to 39	58	28		86
2000/2001	40 to 44	48	17		65
2000/2001	45 to 49	60	29		89
2000/2001	50 to 54	44	23		67
2000/2001	55 to 59	38	26		64
2000/2001	60 to 64	44	19		63
2000/2001	65 to 69	38	28		66
2000/2001	70 to 74	55	28		83
2000/2001	75 to 79	70	31		101
2000/2001	80 to 84	52	16		68
2000/2001	85 to 89	31	13	2	46
2000/2001	90+	*	*		*
Totals for 2000/2001		592	295	2	889
2001/2002	1 to 19	*	*		*
2001/2002	20 to 24	11	8		19
2001/2002	25 to 29	14	8		22
2001/2002	30 to 34	26	12		38
2001/2002	35 to 39	41	19		60
2001/2002	40 to 44	46	26		72
2001/2002	45 to 49	51	36		87
2001/2002	50 to 54	49	31		80
2001/2002	55 to 59	19	24		43
2001/2002	60 to 64	22	17		39

		Unique Patient Count			
2001/2002	65 to 69	45	18		63
2001/2002	70 to 74	46	31		77
2001/2002	75 to 79	56	28		84
2001/2002	80 to 84	54	15		69
2001/2002	85 to 89	33	11		44
2001/2002	90+	*	*	*	*
Totals for 2001/2002		533	288	1	822
2002/2003	1 to 19	*	*		*
2002/2003	20 to 24	10	8		18
2002/2003	25 to 29	*	*		*
2002/2003	30 to 34	23	9		32
2002/2003	35 to 39	33	13		46
2002/2003	40 to 44	57	25		82
2002/2003	45 to 49	58	27		85
2002/2003	50 to 54	38	29		67
2002/2003	55 to 59	38	18		56
2002/2003	60 to 64	35	21		56
2002/2003	65 to 69	37	20		57
2002/2003	70 to 74	44	23		67
2002/2003	75 to 79	50	25		75
2002/2003	80 to 84	51	11		62
2002/2003	85 to 89	30	18		48
2002/2003	90+	*	*	*	*
Totals for 2002/2003		545	257	1	803
2003/2004	1 to 19	*	*		*
2003/2004	20 to 24	9	6		15
2003/2004	25 to 29	*	*		*
2003/2004	30 to 34	27	11		38
2003/2004	35 to 39	32	21		53
2003/2004	40 to 44	50	28		78
2003/2004	45 to 49	61	36		97
2003/2004	50 to 54	50	28		78
2003/2004	55 to 59	36	21		57
2003/2004	60 to 64	30	21		51
2003/2004	65 to 69	42	11		53
2003/2004	70 to 74	51	23		74
2003/2004	75 to 79	56	22		78
2003/2004	80 to 84	57	15		72
2003/2004	85 to 89	22	13		35
2003/2004	90+	10			10
Totals for 2003/2004		565	264	0	829
2004/2005	1 to 19	*	*		*
2004/2005	20 to 24	10	9		19
2004/2005	25 to 29	*	*		*
2004/2005	30 to 34	28	9		37
2004/2005	35 to 39	36	23		59
2004/2005	40 to 44	49	26		75
2004/2005	45 to 49	44	27		71
2004/2005	50 to 54	46	37		83
2004/2005	55 to 59	35	38		73
2004/2005	60 to 64	42	19		61
2004/2005	65 to 69	31	16		47
2004/2005	70 to 74	44	28		72
2004/2005	75 to 79	43	28		71
2004/2005	80 to 84	48	20		68
2004/2005	85 to 89	21	12		33
2004/2005	90+	*	*		*

		Unique Patient Count			
Totals for 2004/2005		508	297	0	805
2005/2006	1 to 19	*	*		*
2005/2006	20 to 24	18	7		25
2005/2006	25 to 29	18	6		24
2005/2006	30 to 34	21	15		36
2005/2006	35 to 39	32	13		45
2005/2006	40 to 44	41	24		65
2005/2006	45 to 49	54	26		80
2005/2006	50 to 54	46	39		85
2005/2006	55 to 59	52	38		90
2005/2006	60 to 64	38	23		61
2005/2006	65 to 69	41	25		66
2005/2006	70 to 74	47	18		65
2005/2006	75 to 79	59	29		88
2005/2006	80 to 84	58	26		84
2005/2006	85 to 89	22	10		32
2005/2006	90+	*	*		*
Totals for 2005/2006		564	305	0	869
2006/2007	1 to 19	*	*		*
2006/2007	20 to 24	13	6		19
2006/2007	25 to 29	12	6		18
2006/2007	30 to 34	21	11		32
2006/2007	35 to 39	29	16		45
2006/2007	40 to 44	55	17		72
2006/2007	45 to 49	53	24		77
2006/2007	50 to 54	50	35		85
2006/2007	55 to 59	49	28		77
2006/2007	60 to 64	41	22		63
2006/2007	65 to 69	38	24		62
2006/2007	70 to 74	58	23		81
2006/2007	75 to 79	47	21		68
2006/2007	80 to 84	41	17		58
2006/2007	85 to 89	33	10		43
2006/2007	90+	*	*		*
Totals for 2006/2007		550	264	0	814
2007/2008	1 to 19	*	*		*
2007/2008	20 to 24	*	*		*
2007/2008	25 to 29	17	13		30
2007/2008	30 to 34	24	9		33
2007/2008	35 to 39	31	11		42
2007/2008	40 to 44	42	12		54
2007/2008	45 to 49	51	25		76
2007/2008	50 to 54	61	31		92
2007/2008	55 to 59	46	29		75
2007/2008	60 to 64	34	23		57
2007/2008	65 to 69	31	25		56
2007/2008	70 to 74	56	22		78
2007/2008	75 to 79	59	19		78
2007/2008	80 to 84	44	17		61
2007/2008	85 to 89	35	10		45
2007/2008	90+	*	*		*
Totals for 2007/2008		553	255	0	808
2008/2009	1 to 19	*	*		*
2008/2009	20 to 24	*	*		*
2008/2009	25 to 29	9	12		21
2008/2009	30 to 34	22	9		31
2008/2009	35 to 39	34	22		56

		Unique Patient Count			
2008/2009	40 to 44	39	22		61
2008/2009	45 to 49	42	22		64
2008/2009	50 to 54	57	33		90
2008/2009	55 to 59	40	40	1	81
2008/2009	60 to 64	35	30		65
2008/2009	65 to 69	35	22		57
2008/2009	70 to 74	51	22		73
2008/2009	75 to 79	55	16		71
2008/2009	80 to 84	38	20		58
2008/2009	85 to 89	33	14		47
2008/2009	90+	*	*		*
Totals for 2008/2009		515	294	1	810
2009/2010	1 to 19	*	*		*
2009/2010	20 to 24	7	9		16
2009/2010	25 to 29	17	10		27
2009/2010	30 to 34	11	10		21
2009/2010	35 to 39	26	14		40
2009/2010	40 to 44	36	12		48
2009/2010	45 to 49	37	27		64
2009/2010	50 to 54	48	27		75
2009/2010	55 to 59	36	27		63
2009/2010	60 to 64	41	30		71
2009/2010	65 to 69	37	29		66
2009/2010	70 to 74	46	22		68
2009/2010	75 to 79	49	21		70
2009/2010	80 to 84	41	13		54
2009/2010	85 to 89	39	13		52
2009/2010	90+	*	*		*
Totals for 2009/2010		486	270	0	756
2010/2011	1 to 19	*	*		*
2010/2011	20 to 24	15	10		25
2010/2011	25 to 29	16	8		24
2010/2011	30 to 34	14	12		26
2010/2011	35 to 39	22	14		36
2010/2011	40 to 44	30	25		55
2010/2011	45 to 49	40	26		66
2010/2011	50 to 54	49	25		74
2010/2011	55 to 59	40	29		69
2010/2011	60 to 64	64	31		95
2010/2011	65 to 69	36	25		61
2010/2011	70 to 74	39	23		62
2010/2011	75 to 79	45	16		61
2010/2011	80 to 84	39	14		53
2010/2011	85 to 89	34	9		43
2010/2011	90+	*	*		*
Totals for 2010/2011		494	273	0	767
2011/2012	1 to 19	*	*		*
2011/2012	20 to 24	14	8		22
2011/2012	25 to 29	14	9		23
2011/2012	30 to 34	19	13		32
2011/2012	35 to 39	25	15		40
2011/2012	40 to 44	29	18		47
2011/2012	45 to 49	37	25		62
2011/2012	50 to 54	62	26		88
2011/2012	55 to 59	43	25		68
2011/2012	60 to 64	48	29		77
2011/2012	65 to 69	42	25		67

		Unique Patient Count		
2011/2012	70 to 74	47	23	70
2011/2012	75 to 79	39	16	55
2011/2012	80 to 84	39	15	54
2011/2012	85 to 89	29	7	36
2011/2012	90+	*	*	*
Totals for 2011/2012		505	263	768

Notes:

1. Data includes MSP fee-for-service services by date of service for fee item 641 - Electroconvulsive Therapy for fiscal years 1992/1993 to 2011/2012, paid to October 31, 2012.
2. Patient count is unique within each age group, gender and fiscal year grouping.
3. Where a patient had services when in two different age groups during the fiscal year, the age group with the largest number of services was used for the report. (ie. the patient is only counted in one age group)
4. * Value has been suppressed due to small size value. Fiscal year Totals include these masked values.

2012-11-26

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