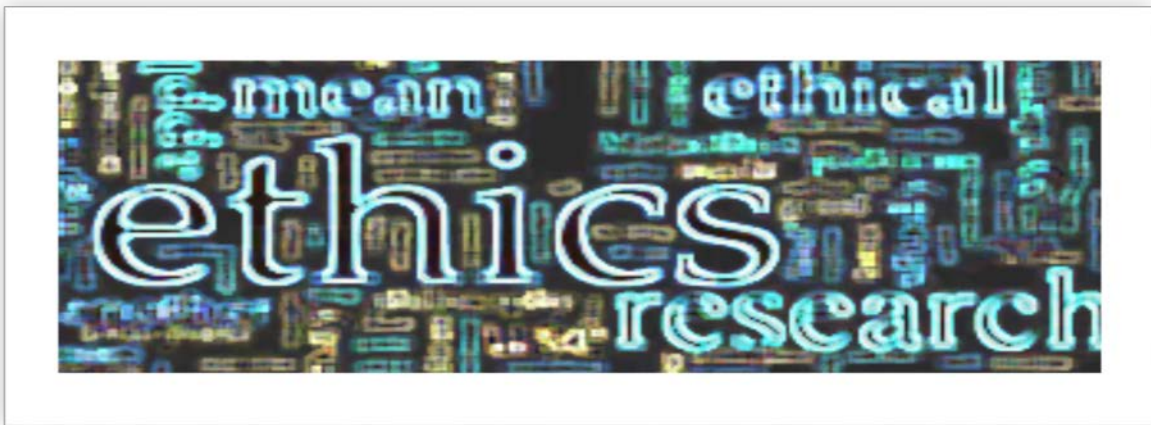




THE UNIVERSITY OF BRITISH COLUMBIA

December 2018



UBC Research Ethics Boards Combined Metrics Report

Summary

These statistics reflect RISE (Researcher Information System) extracted numbers. Volume statistics are reported based upon the fiscal year, turn-around statistics are annual. In all cases of the turn-around statistics, outlier cases of more than 200 days were eliminated from the calculations.

The total number of active applications monitored by UBC's affiliated Research Ethics Boards (REBs) has increased again this year, up from 7294 five years ago, to 8914 (roughly 22%). The number of post-approval activities (PAA's) handled by the Boards increased from 12,512 in 2013-14 to 15,277 in 2017-2018, an increase of 2,765 activities most of which were experienced at the BREB. (An increase of 573 PAA's over the year.) In keeping with the five year trend, the number of industry sponsored studies declined again, dropping from 172 in 2016-17 to 165 in 2017-18. The CREB experienced the most significant decline, from 76 to 58 (roughly 24%).

Full Board review turn-around times increased for the CREB, BCC and the PHC REBs. Principally due to the fact that the CREB meets twice a month and has a shorter lead time requirement for submission of studies for the full board agenda, the CREB continues to have the shortest turn-around times for clinical full board studies. This increased from 8 to 9 weeks in 2017. BREB, CW REB and UBC-O each had decreases in turn-around times, with UBC-O's times decreasing by as much as 25 days. However, UBC-O's average is heavily impacted by the low number of studies that go to full board review. (Six in 2017-18) CW REB decreased by about 12 days. Full board review times ranged from 61 to 129 days. Last year they ranged from 61 to 115 and the year prior 54 to 107.

Expedited review turn-around times increased slightly for BREB and UBC-O. They remained relatively consistent for BCC REB, CW REB and PHC REB. They declined by 5 days at the CREB. Times ranged from 22 days (BCC REB) to 40 days (PHC REB). Last year they ranged from 20 to 40 and the year before from 18 to 48. Consistent with previous years, BCC REB had the fastest turn-around times for expedited studies.

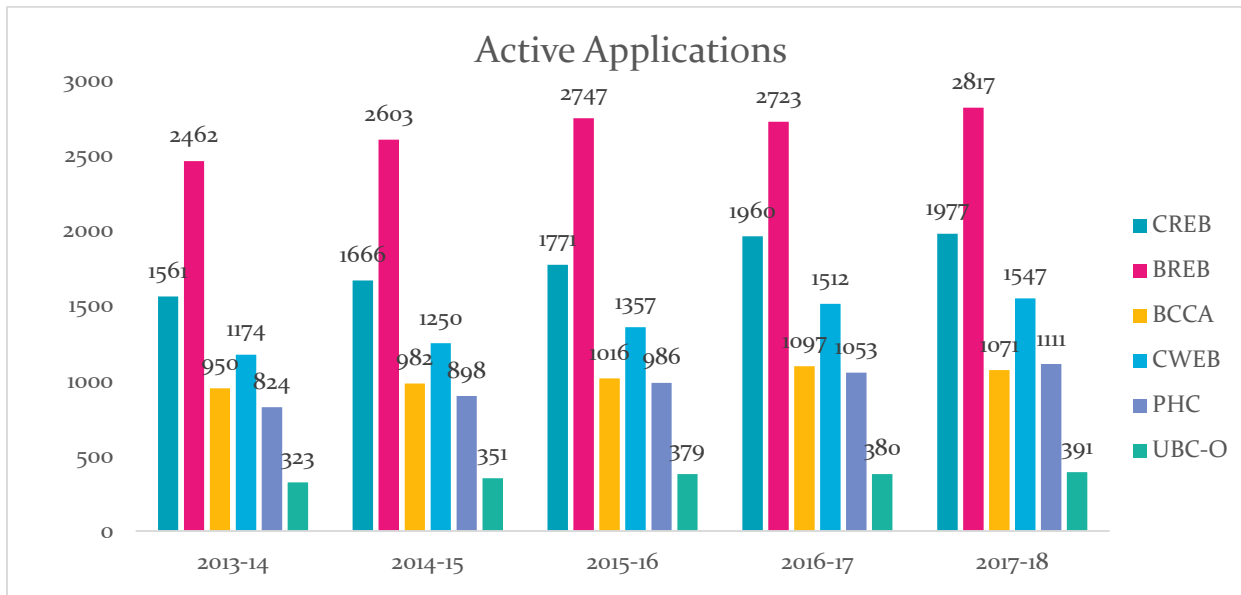
Investigator time to respond to provisos for full board studies is in general, increasing. For full board studies the range in response time was from 18.69 days at the BREB to 63.32 at BCC. The BCC researchers jump in length of time to reply may have been impacted by a few studies that took more than the normal time but still came in under 200 days and were included. For expedited studies, the BCC researchers were the quickest to respond. For expedited studies, the range in response time was 6.11 days at BCC REB to 15.34 at CW REB.

Volume Statistics (Fiscal)

Active Human Ethics Applications Monitored during the year

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO	TOTAL
2013/14	1561	2462	950	1174	824	323	7294
2014/15	1666	2603	982	1250	898	351	7750
2015/16	1771	2747	1016	1357	986	379	8256
2016-17	1960	2723	1097	1512	1053	380	8725
2017-18	1977	2817	1071	1547	1111	391	8914

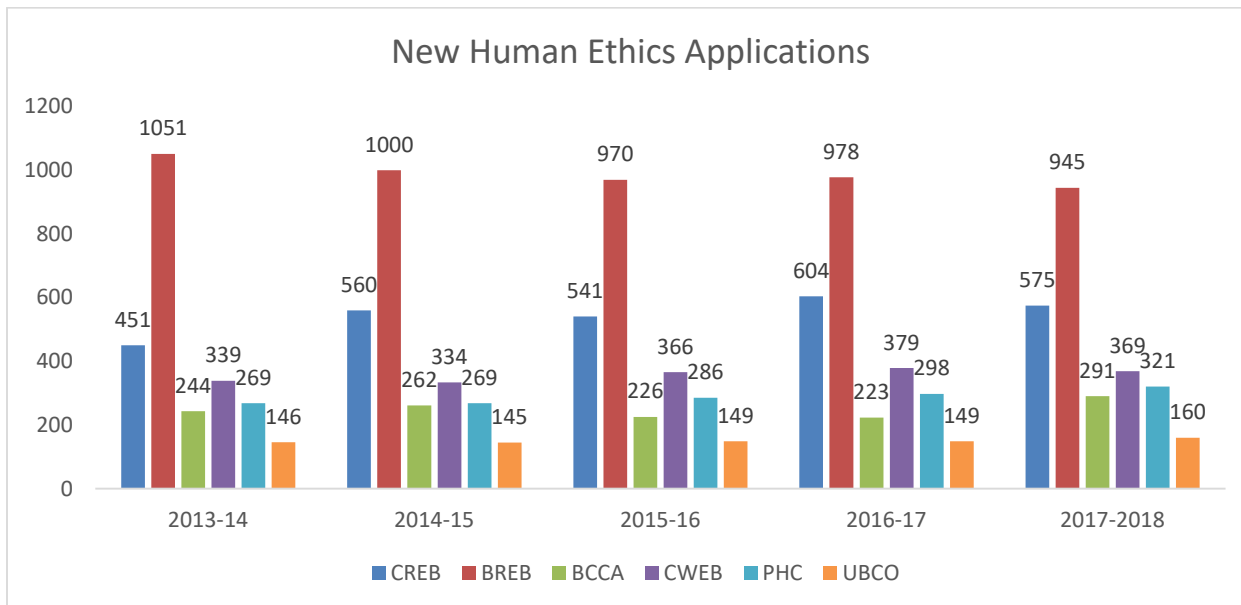
Trends: The number of active studies being monitored continues to rise. BCC REB is the only board where the number declined but the decline was insignificant. In general, all boards are handling a heavier volume of active studies. Overall, there has been an increase of approximately 1600 studies over the past five years. (Approximately 22%)



New Human Ethics Applications

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO	TOTAL
2013/14	451	1051	244	339	269	146	2500
2014/15	560	1000	262	334	269	145	2570
2015/16	541	970	226	366	286	149	2538
2016/17	604	978	223	379	298	149	2631
2017-18	575	945	291	369	321	160	2661

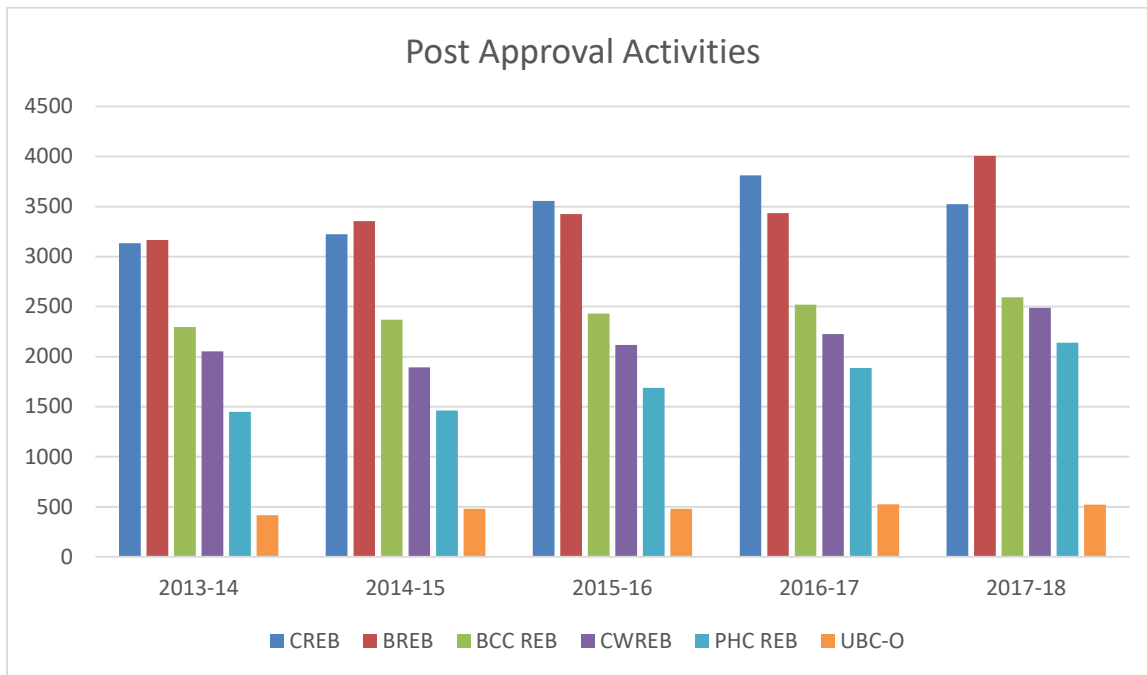
Trends: Overall, the number of new applications received by the combined boards increased very slightly this year. The number of new studies declined for the CREB, the BREB, and the CW REB. The other boards saw increases, with BCC REB seeing the most significant increase of 68 studies (Roughly 30%). Overall, the boards received 161 more studies than in 2013-14.



Post-Approval Activities

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO	TOTAL
2013/14	3134	3167	2295	2052	1449	415	12,512
2014/15	3225	3355	2370	1898	1461	480	12,789
2015/16	3555	3424	2432	2116	1690	481	13,698
2016/17	3812	3436	2519	2226	1888	525	14,406
2017/18	3526	4009	2593	2488	2141	520	15,277

Trend: As with active and new studies, overall boards, there has been an increase in the number of post-approval activities received and handled. Between 2013-14 there has been a 22% increase. CREB and UBC-O saw small declines in numbers. All of the other boards, particularly the BREB experienced higher volumes.



Industry Sponsored Studies

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO	TOTAL
2012/13	93	4	61	19	37	0	214
2013/14	65	7	43	25	38	0	178
2014/15	87	1	47	20	47	0	202
2015/16	85	4	47	22	42	1	201
2016/17	76	2	38	21	34	1	172
2017/18	58	3	40	30	34	0	165

Trend: Industry sponsored studies declined approximately 4% over all Boards, from 172 last year to 165, reflecting a steady decline from a high of 214 in 2012-2013. The CREB was the most heavily impacted, seeing a decline of 18 studies. (Approximately 23%.) BCC REB and CW REB saw small increases over the year. PHC REB remained steady.

Deferred Studies

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO	TOTAL
2012/13	32	41	10	42	16	2	143
2013/14	28	28	8	54	14	2	134
2014/15	30	11	12	58	4	2	117
2015/16	40	11	13	46	14	1	125
2016/17	30	8	13	46	13	2	112
2017/18	15	11	6	62	16	2	112

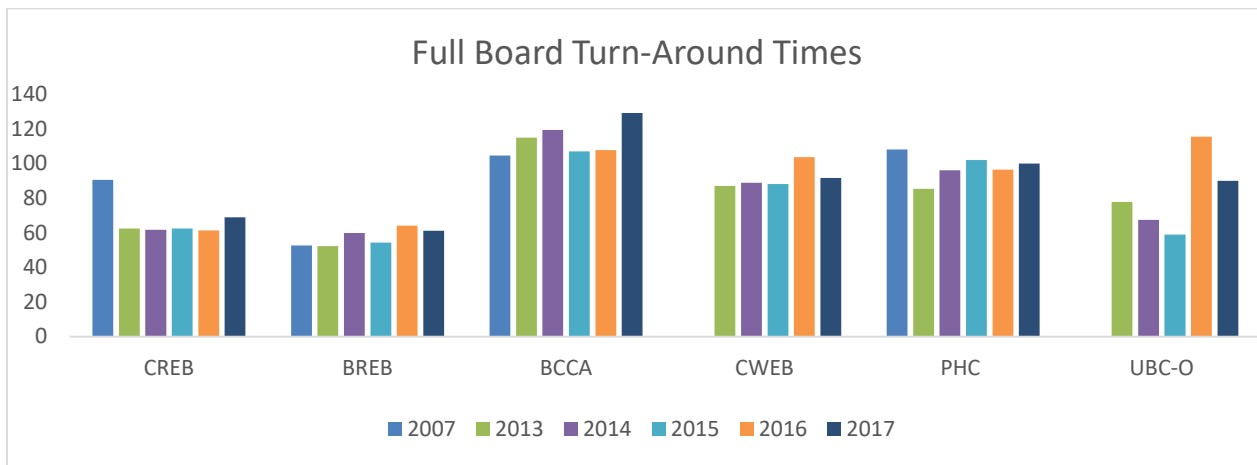
Trend: Please note that the deferred studies include both minimal risk and full board deferrals. The total number of deferred studies remained the same as last year. All boards, except for PHC and CW REB deferred fewer studies.

Turn Around Time Statistics (Annual)

Full Board Department Approval to Certificate of Approval Issued (avg. days)*

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO
2007 (first year of statistics)	90.60	52.63	104.61	NA	108.17	NA
2013	62.40	52.35	114.95	87.09	85.38	77.75
2014	61.76	59.88	119.39	88.87	96.13	67.50
2015	62.48	54.36	106.97	88.12	102.06	58.97
2016	61.36	64.11	107.65	103.67	96.41	115.41
2017	68.86	61.17	129.20	91.57	99.87	89.91

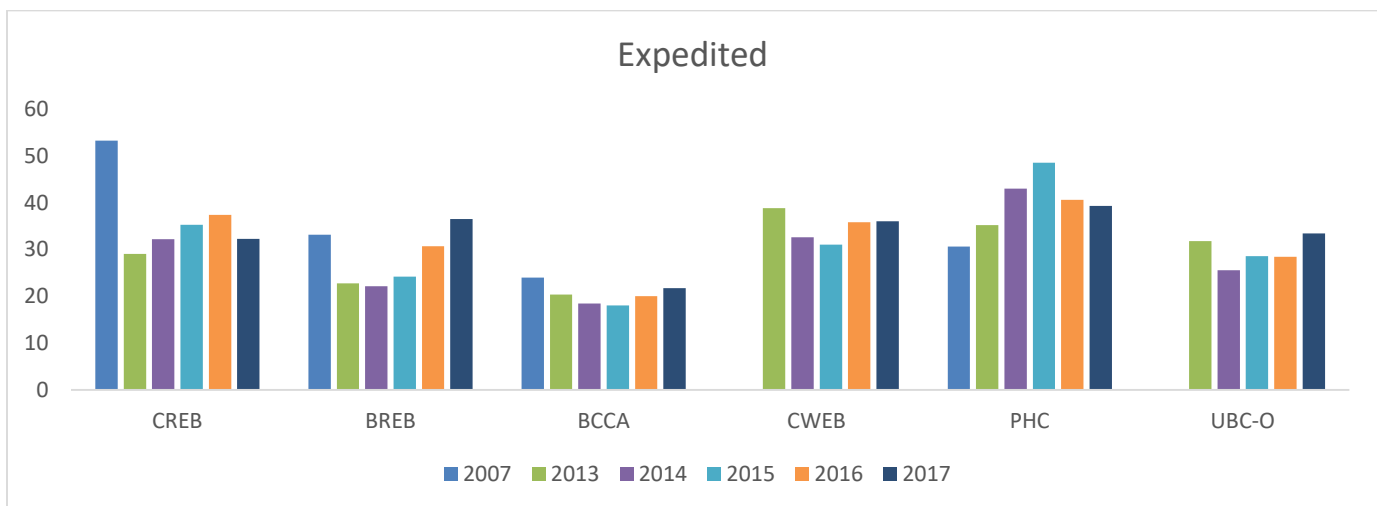
Trends: Turn-around times varied from 61.7 days at the BREB to 129.20 days at BCCA. Times increased at CREB, BCC REB and at PHC REB. Over the past 5 years, there has been a modest increase of time to approval. Please note that the CREB meets twice a month compared to the other boards which meet monthly, so its times are consistently lower than those of the other clinical boards.



Expedited Department Approval to Certificate of Approval Issued (avg. days)

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO
2007	53.28	33.17	24.00	NA	30.65	NA
2013	29.08	22.81	20.42	38.86	35.27	31.83
2014	32.25	22.21	18.47	32.65	43.03	25.60
2015	35.31	24.25	18.09	31.07	48.59	28.58
2016	37.45	30.72	20.07	35.87	40.67	28.44
2017	32.30	36.55	21.79	36.08	39.38	33.47

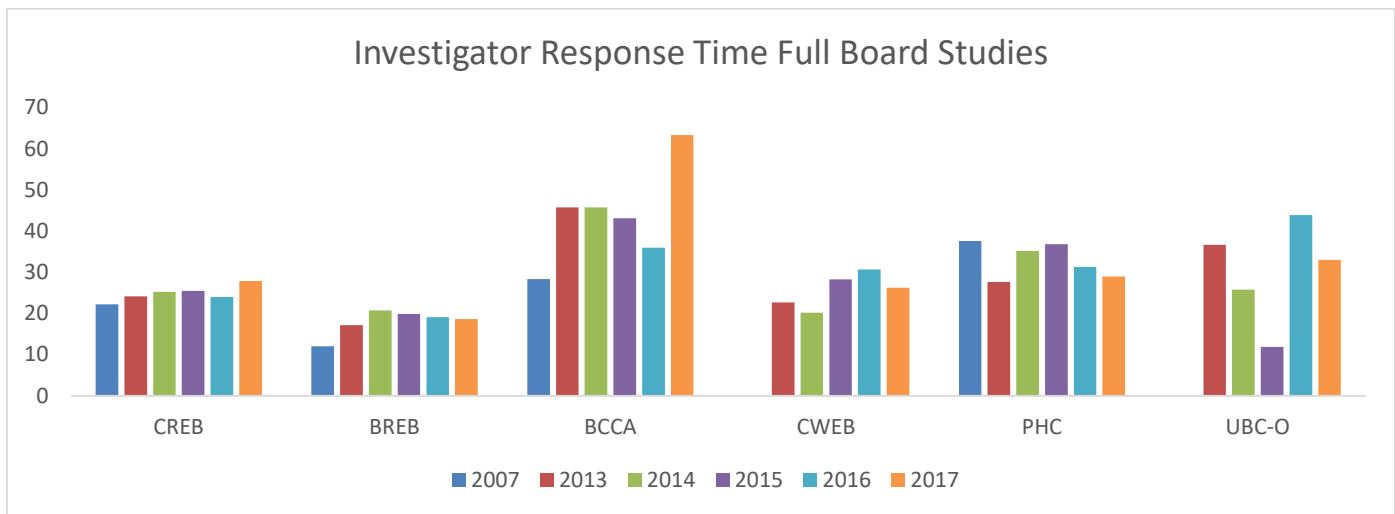
Trends: Over the year, the CREB and PHC REB had slightly lower expedited turn-around times. Consistent with all previous years, BCC REB had the fastest expedited turn-around times. Times ranged from 21.79 at BCC REB to 39.38 at PHC REB.



Investigator Response Time Full Board Studies

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO
2007	22.24	12.02	28.39	NA	37.65	NA
2013	24.16	17.20	45.78	22.71	27.67	36.68
2014	25.23	20.73	45.81	20.21	35.25	25.84
2015	25.52	19.92	43.13	28.27	36.84	11.89
2016	24.01	19.12	35.96	30.74	31.32	43.95
2017	27.91	18.69	63.32	26.24	29.03	33.00

Trends: Time spent by the researcher responding to Board requirements ranged from 18.69 days at the BREB to 63.32 days at BCCA. It increased for BCC REB and the CREB, but decreased for the other boards.



Investigator response time Expedited Studies

YEAR	CREB	BREB	BCCA	CWREB	PHC	UBCO
2007	13.98	9.36	12.85	NA	11.64	NA
2013	16.85	7.90	10.86	13.26	12.21	12.36
2014	15.89	7.81	9.41	10.89	15.03	8.80
2015	14.76	7.89	12.26	10.00	15.68	8.02
2016	15.65	11.83	11.82	13.64	14.18	6.97
2017	12.31	12.24	6.11	15.34	12.62	9.87

Trend: Time spent by the researcher responding to Board requirements for expedited studies ranged from 6.11 days for BCC researchers to 15.34 for PHC researchers.

