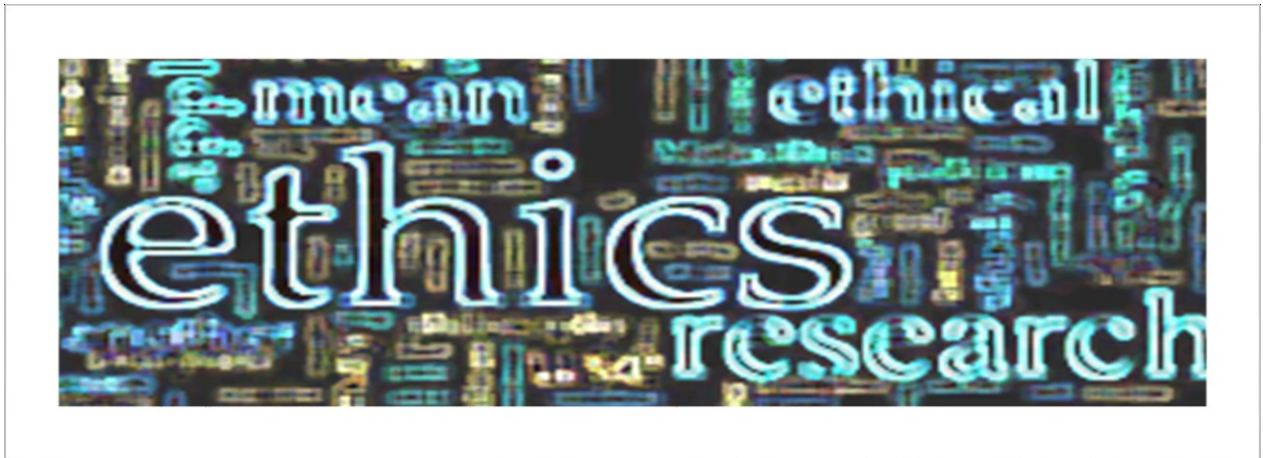




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THE UNIVERSITY OF BRITISH COLUMBIA

December 2019



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 decreased this year, down from 8914 last year to 8578 this year. This may be reflective of the impact of harmonization. The number of post-approval activities (PAA's) handled by the Boards increased from 15,277 in 2017-2018 to 15,784. The only board that received a decreased number of PAA's over the year was the BREB. In comparison to the previous year (2017-2018) the number of industry sponsored studies increased from 165 to 194, with the CREB experiencing the most significant increase, from 58 to 82.

Full Board review turn-around times increased for the CREB, the BREB and the CWREB. 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 9 - 10 weeks in 2018, in keeping with a general trend of longer turnaround times since 2014 for all Boards, except BCC REB and the PHC REB. BC Cancer Board, PHC REB and UBC-O each had decreases in turn-around times. Full board review times ranged from 73 - 110 days. Last year they ranged from 61 to 129 and the year prior 61 to 107.

*Expedited review turn-around times increased slightly for all boards except BREB which remained roughly the same as in the previous year, and the CREB which had a small decline. Times ranged from 27 days (BCC REB) to 40 days (PHC REB and UBC-O). Last year they ranged from 22 to 40 and the year before from 20-40. 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 increased for the BREB, the CREB and the CWREB, remained the same for PHC and declined at BCC REB. For full board studies the range in response time was from 26.31 days at the BREB to 44.75 at BCC. For expedited studies, the BCC researchers were the quickest to respond. For expedited studies, the range in response time was 7.87 days at BCC REB to 15.34 at CW REB.

Deferrals increased at the CREB and the BREB, but declined at the other boards. CWREB's high number of deferrals is due to differing administrative handling of minimal risk studies within the RISE system. It is the only board that tags minimal risk studies with significant issues that require re-review by the delegated reviewers as deferrals.

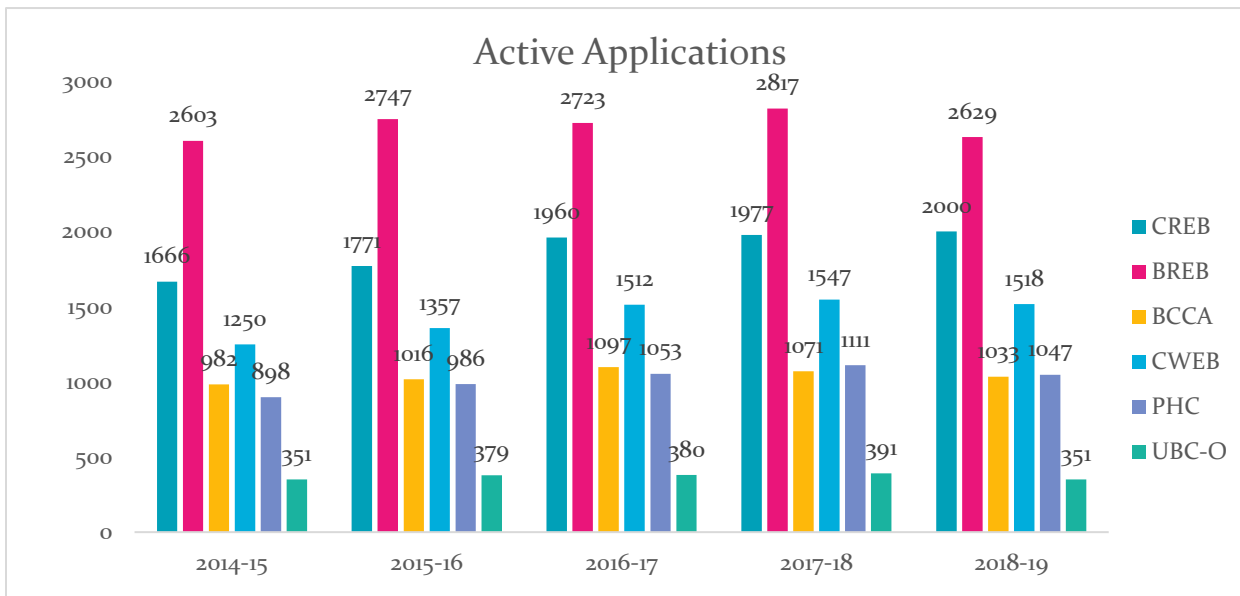
Important Note: Two of the six REBs (PHC and C&W REB) are responsible for Hospital - Institutional approvals which adds to staff work-load and may impact REBA turn around times.

Volume Statistics (Fiscal)

Active Human Ethics Applications Monitored during the year

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO	TOTAL
2014/15	1666	2603	982	1250	898	351	7,750
2015/16	1771	2747	1016	1357	986	379	8,256
2016-17	1960	2723	1097	1512	1053	380	8725
2017-18	1977	2817	1071	1547	1111	391	8914
2018-19	2000	2629	1033	1518	1047	351	8578

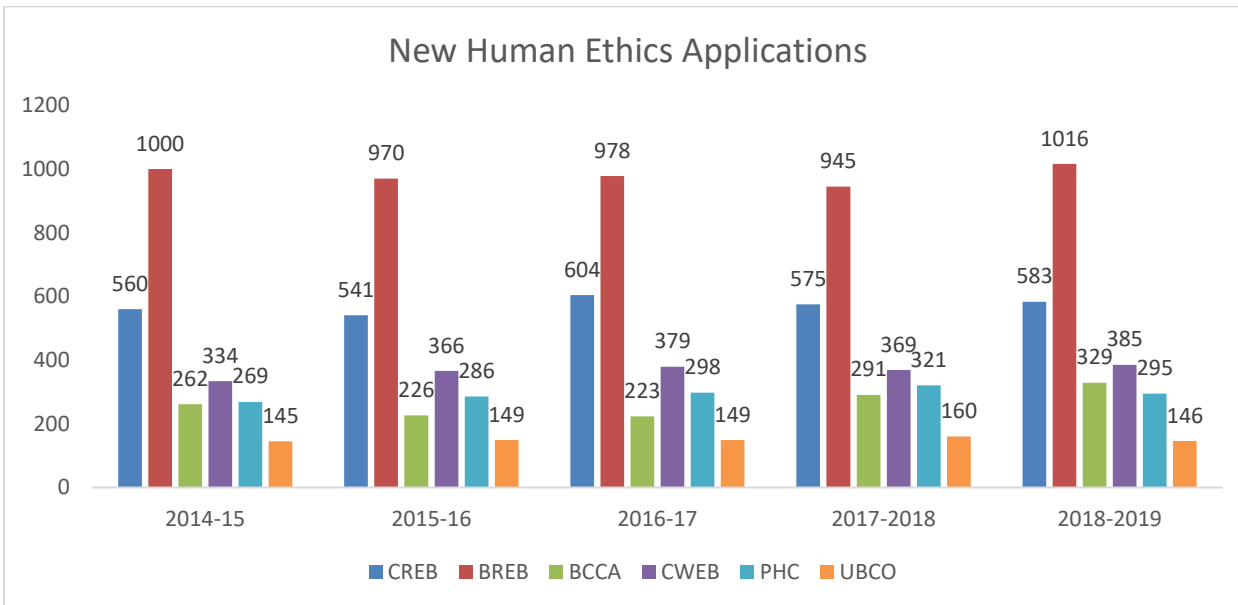
Trends: The combined number of active studies being monitored declined slightly this year. All boards except the CREB experienced a small decline in active studies.



New Human Ethics Applications

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO	TOTAL
2014/15	560	1000	262	334	269	145	2,570
2015/16	541	970	226	366	286	149	2,538
2016/17	604	978	223	379	298	149	2,631
2017-18	575	945	291	369	321	160	2661
2018-19	583	1016	329	385	295	146	2754

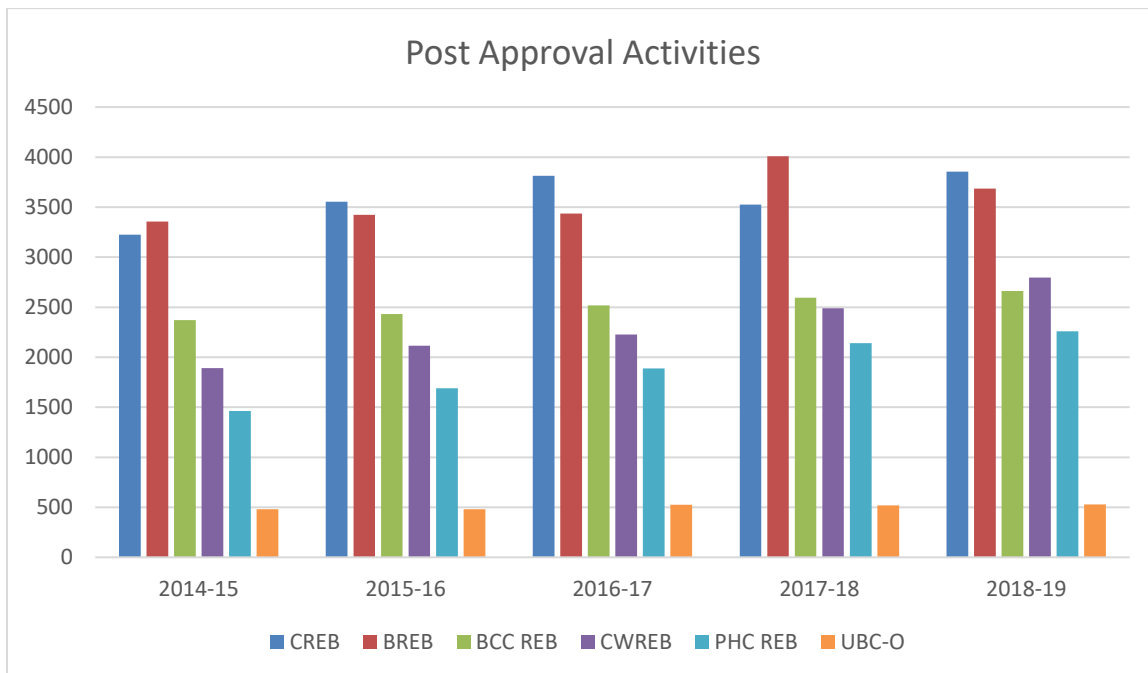
Trends: Overall, the number of new applications received by the combined boards increased again this year. The number of new studies declined slightly for the PHC and UBC-O REBs. The other boards saw increases, with the BREB seeing the most significant increase of 74 new studies. (For a total of roughly 85 new studies a month.)



Post-Approval Activities

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO	TOTAL
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
2018-19	3854	3685	2661	2796	2259	529	15,784

Trend: For the combined boards, there has been an increase in the number of post-approval activities received and handled. All boards except the BREB saw increases in volume.



Industry Sponsored Studies

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO	TOTAL
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
2018/19	82	7	50	20	34	1	194

Trend: Industry sponsored studies increased approximately 17% over all Boards, from 165 to 194. The CREB experienced the highest increase, whereas CWREB experienced a decline. PHC has remained steady for the past 3 years.

Deferred Studies

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO	TOTAL
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
2018/19	22	19	5	47	4	0	97

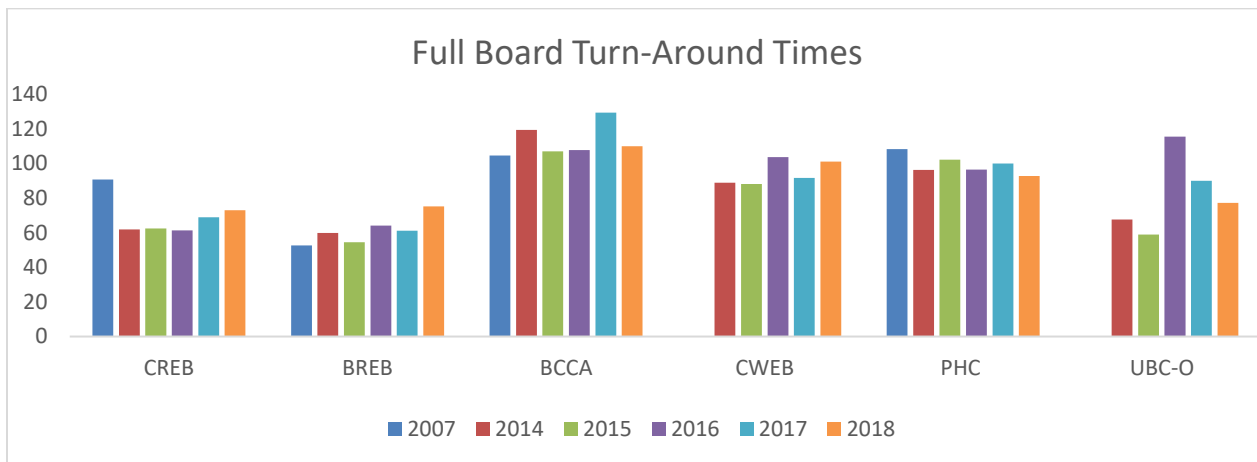
Trend: The total number of deferred studies declined. BREB and CREB had an increase in deferrals. The high number of deferrals for the C&W REB reflects different administrative practices as noted in the summary.

Turn Around Time Statistics (Annual)

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

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO
2007 (first year of statistics)	90.60	52.63	104.61	NA	108.17	NA
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
2018	72.84	75.10	109.97	100.96	92.69	77.23

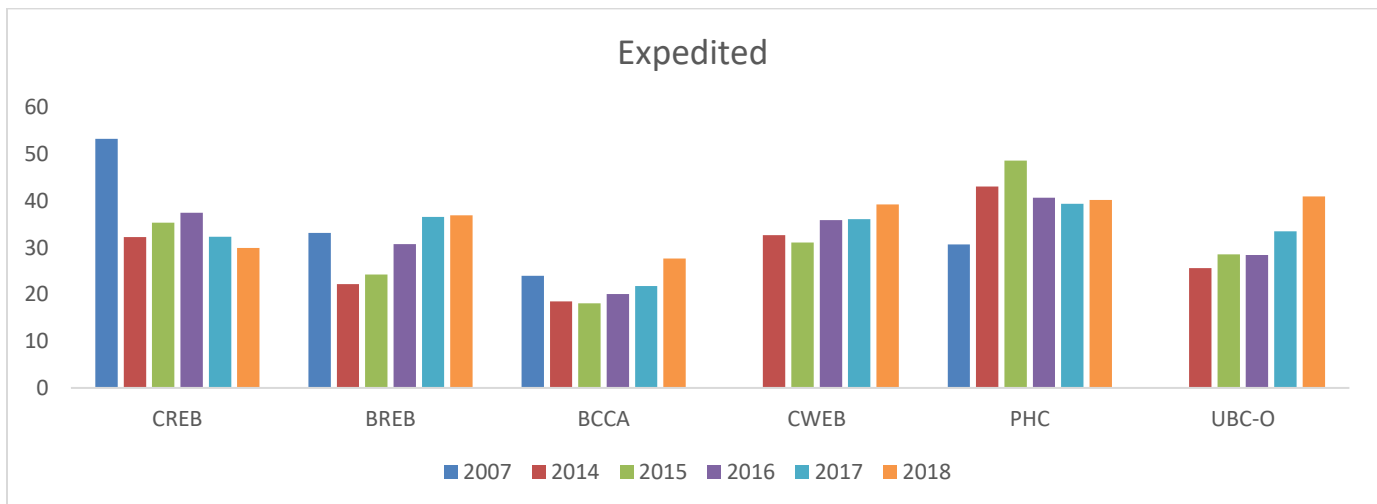
Trends: Turn-around times varied from 72.84 days at the CREB to 109.97 days at BCCA. Times increased at CREB, BREB and CWREB, but decreased at the other boards. CREB, BREB and CWREB times are slowly increasing. Please note that the CREB meets twice a month compared to the other boards which meet monthly, 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	CWEB	PHC	UBCO
2007	53.28	33.17	24.00	NA	30.65	NA
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
2018	29.95	36.89	27.64	39.25	40.20	40.93

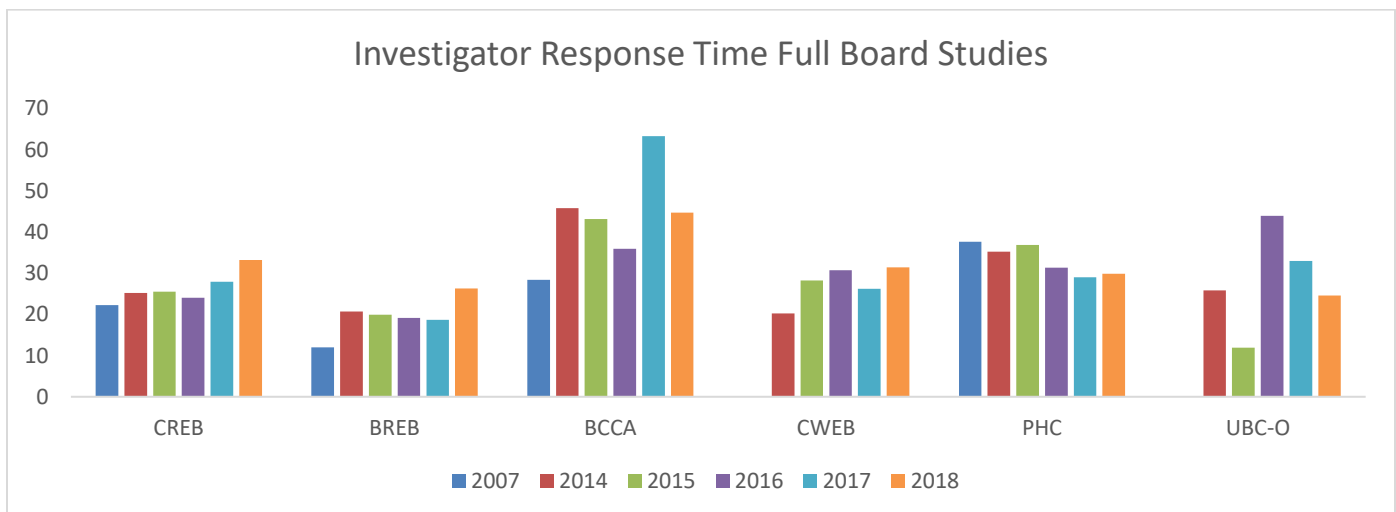
Trends: Over the year, the CREB and PHC REB had slightly lower expedited turn-around times. Consistent with all previous years, BCC REB had the fastest expedited turn-around times. Times ranged from 27.64 at BCC REB to 40.93 at UBC-O. Please note that due to a lower number of studies, UBC-O's averages are more variable than those of the other boards. .



Investigator Response Time Full Board Studies

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO
2007	22.24	12.02	28.39	NA	37.65	NA
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
2018	33.25	26.31	44.75	31.45	29.86	24.58

Trends: Time spent by the researcher responding to Board requirements ranged from 26.31 days at the BREB to 44.75 days at BCCA. It increased for all boards except BCCA and UBC-O.



Investigator response time Expedited Studies

YEAR	CREB	BREB	BCCA	CWEB	PHC	UBCO
2007	13.98	9.36	12.85	NA	11.64	NA
2014	15.89	7.81	9.41	10.89	15.03	8.8
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
2018	14.50	11.36	7.87	15.34	15.00	11.14

Trend: Time spent by the researcher responding to Board requirements for expedited studies ranged from 7.87 days for BCC researchers to 15.34 for PHC researchers.

