CELLS, TISSUES AND ORGANS SURVEILLANCE SYSTEM (CTOSS), 2018-2019

CTOSS project is to monitor the adverse events related to cells, tissues and organs transplantations in Canada

2011 This project started in 2011. Currently it only covers tissue transplants; The detailed methodology of surveillance can be found *here*.

30% of the tissues transplanted in Canada are monitored through 5 participating sites in CTOSS

50,899 tissues were transplanted during 2011-2019

19,113 tissues were transplanted during 2018-2019

26 transplantation adverse events (TAEs) were reported during 2011-2019

9 transplantation adverse events (TAEs) were reported during 2018-2019

FIGURE 1

Total tissues transplanted based on tissue types, CTOSS 2018-2019

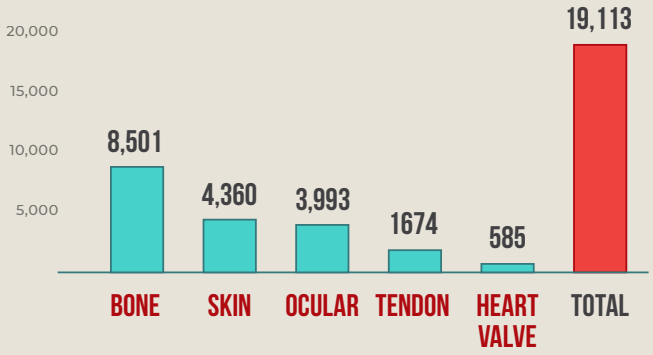


FIGURE 2

Type of Adverse Events Reported, CTOSS (2011-2019)

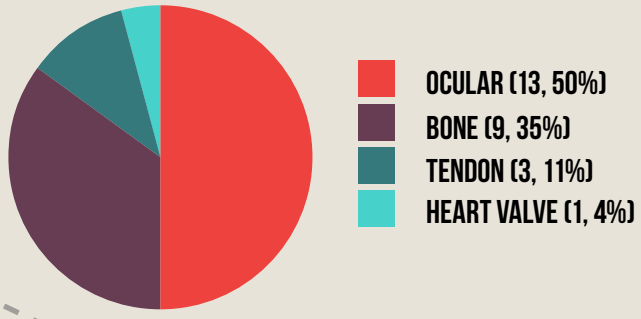
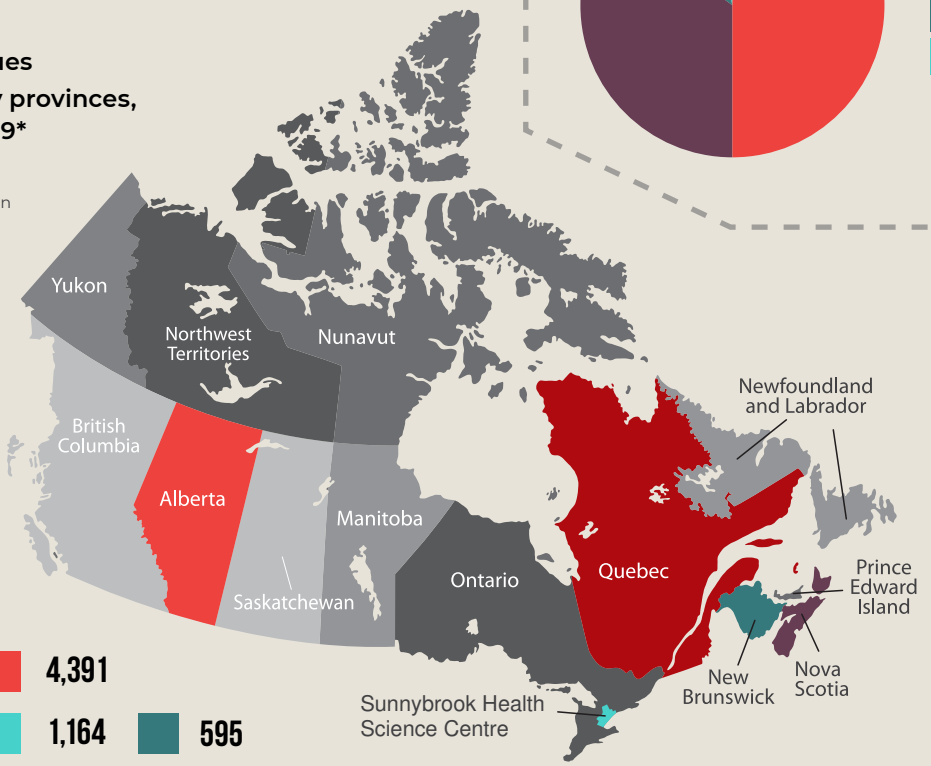


FIGURE 3

Number of tissues transplanted by provinces, CTOSS 2018-2019*

*For Alberta, AB Health Services covers Northern Alberta regions.



TISSUES TRANSPLANTED 2018-2019

- 10,762
- 4,391
- 2,201
- 1,164
- 595

THE INCIDENCE RATES OF TISSUE-RELATED ADVERSE EVENTS IN CANADA ARE LOW, SIMILAR TO OTHER DEVELOPED COUNTRIES

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