



SUMMARY OF EMBRYO TRANSFER ACTIVITY IN CANADA FOR 2025

(Based on data from 45 clinics across Canada)

BOVINE DATA			
<i>(Based on data from 44 clinics across Canada)</i>			
BOVINE: IN VIVO DATA			
DONORS – EMBRYOS – FROZEN - TRANSFERS	DAIRY	BEEF	TOTAL NUMBER
Number of donors using conventional semen	928	2,024	2,952
Number of donors using sexed semen	1,888	43	1,931
TOTAL NUMBER OF DONORS	2,816	2,067	4,883
Total number of ova/embryos collected	30,296	28,455	58,751
Number of transferable embryos collected using conventional semen	6,153	14,446	20,599
Number of transferable embryos collected using sexed semen	10,891	230	11,121
TOTAL NUMBER OF TRANSFERABLE EMBRYOS COLLECTED	17,044	14,676	31,720
TOTAL NUMBER OF EMBRYOS FROZEN	10,826	11,264	22,090
TOTAL NUMBER OF FRESH EMBRYOS TRANSFERRED	5,904	3,144	9,048
Number of frozen embryos transferred by Direct Transfer	6,852	12,693	19,545
TOTAL NUMBER OF FROZEN EMBRYOS TRANSFERRED	6,903	12,719	19,622
EXPORT / IMPORT	DAIRY	BEEF	TOTAL NUMBER
Total number of embryos exported	1,739	751	2,490
Total number of embryos imported	98	250	348
BOVINE – OTHER TECHNOLOGIES (IN-VIVO):	TOTAL NUMBER		
Total number of split embryos transferred	77		
Total number of embryos biopsied for sexing	0		



BOVINE: IN VITRO (IVF) DATA						
OPU/IVF SESSIONS OOCYTES - EMBRYOS PRODUCED	Produced by OPU Non-Stimulated		Produced by OPU Super-Stimulated		Produced from ABATTOIR OVARIES	TOTAL NUMBER
	DAIRY	BEEF	DAIRY	BEEF		
Number of sessions using conventional semen	0	0	3,826	2,186	0	6,012
Number of sessions using sexed semen	1	0	2,106	154	0	2,261
TOTAL NUMBER OF SESSIONS	1	0	5,932	2,340	0	8,273
Total number of oocytes collected	8	0	78,517	40,988	0	119,513
TOTAL NUMBER OF TRANSFERABLE IVP EMBRYOS PRODUCED	0	0	33,458	19,377	0	52,835
IVF EMBRYOS FROZEN - TRANSFERRED - EXPORTED	Produced by OPU			Produced from ABATTOIR OVARIES	TOTAL NUMBER	
	DAIRY		BEEF			
Total number of IVP embryos frozen	20,322		18,042	0	38,364	
Total number of fresh IVP embryos transferred	4,376		853	0	5,229	
Total number of frozen IVP embryos transferred	3,609		6,166	0	9,775	
Total number of IVP embryos exported	2,243		694	0	2,937	
Total number of IVP embryos imported	0		63	0	63	
BOVINE – OTHER TECHNOLOGIES (IN-VITRO)					TOTAL NUMBER	
Total number of split IVP embryos transferred					0	
Total number of IVP embryos biopsied for sexing and/or genetic testing					9,046	



ALTERNATIVE SPECIES <i>(Based on data from 2 clinics in Canada)</i>		
ALTERNATIVE SPECIES – IN VIVO		
DONORS - EMBRYOS – FROZEN - TRANSFERS	OVINE	CAPRINE
Total number of donors	13	4
Total number of ova/embryos collected	61	20
Total number of transferable embryos collected	46	10
Total number of embryos frozen	0	10
Total number of fresh embryos transferred	46	0
Total number of frozen embryos transferred	83	0
EXPORT / IMPORT	OVINE	CAPRINE
Total number of embryos exported	0	0
Total number of embryos imported	3	0
ALTERNATIVE SPECIES: IN VITRO (IVF) DATA		
	EQUINE	
Number of Live Animals Non-Stimulated – Conventional Semen	42	
Total number of oocytes collected	400	
Total Number of Transferable IVP Embryos produced	73	
Total Number of IVP Embryos frozen	73	
NO DATA REPORTED for BISON, CERVINE and PORCINE SPECIES		