

SUMMARY OF EMBRYO TRANSFER ACTIVITY IN CANADA FOR 2014

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(Based on data from 73 clinics across Canada)

BOVINE DATA

(Based on data from 70 clinics across Canada)

BOVINE: IN VIVO DATA

DONORS - EMBRYOS COLLECTED - EMBRYOS FROZEN	DAIRY	BEEF	TOTAL NUMBER
Total number of donors	8,624	2,353	10,977
Total number of ova/embryos collected	102,056	31,576	133,632
Total number of transferable embryos collected	62,667	17,076	79,743
Total number of embryos frozen	41,735	13,846	55,581
EMBRYOS TRANSFERRED	DAIRY	BEEF	TOTAL NUMBER
Number of fresh embryos transferred	20,393	2,425	22,818
Number of fresh sexed embryos transferred	951	1	952
Number of frozen embryos transferred	22,779	5,673	28,452
Number of frozen sexed embryos transferred	721	44	765
Total number of Direct Transfers	22,188	5,598	27,786
PREGNANCY RATES	DAIRY	BEEF	TOTAL NUMBER
Fresh embryos <i>(based on 10,920 transfers examined for pregnancy)</i>	---	---	57.5 %
Frozen embryos <i>(based on 13,905 transfers examined for pregnancy)</i>	---	---	54.6 %
EXPORT / IMPORT	DAIRY	BEEF	TOTAL NUMBER
Total number of embryos exported	7,457	3,463	10,920
Total number of embryos imported	75	197	272

BOVINE: IN VITRO (IVF) DATA

SESSIONS - COLLECTED - FROZEN	Produced by OPU		Produced from ABATTOIR OVARIES	TOTAL NUMBER
	DAIRY	BEEF	DAIRY	
Number of collections	2,270	50	---	2,320
Number of oocytes collected	24,512	578	75	25,165
Number of transferable IVF embryos produced	7,183	162	25	7,370
Number of IVF embryos frozen	3,043	88	19	3,150
IVF EMBRYOS TRANSFERRED	DAIRY	BEEF	DAIRY	TOTAL NUMBER
Number of fresh IVF embryos transferred	2,296	14	6	2,316
Number of frozen IVF embryos transferred	1,373	14	0	1,387
EXPORT / IMPORT	DAIRY	BEEF	DAIRY	TOTAL NUMBER
Total number of IVF embryos exported	821	0	0	821

BOVINE DATA	
BOVINE – OTHER TECHNOLOGIES	TOTAL NUMBER
Total number of split embryos transferred	1,001
Total number of embryos biopsied for sexing	3,139
Total number of embryos biopsied for genetic testing	635
Total number of embryos biopsied for diagnostic testing	0

ALTERNATIVE SPECIES				
<i>(Based on data from 4 clinics across Canada)</i>				
ALTERNATIVE SPECIES – IN VIVO				
DONORS - EMBRYOS COLLECTED - EMBRYOS FROZEN	CAPRINE	CERVINE	EQUINE	OVINE
Total number of donors	4	1	36	17
Total number of ova/embryos collected	48	0	27	211
Total number of transferable embryos collected	37	0	26	144
Total number of embryos frozen	37	0	1	134
EMBRYOS TRANSFERRED	CAPRINE	CERVINE	EQUINE	OVINE
Total number of fresh embryos transferred	0	0	25	0
Total number of frozen embryos transferred	0	0	1	0
EXPORT / IMPORT	CAPRINE	CERVINE	EQUINE	OVINE
Total number of embryos exported	0	0	0	200
Total number of embryos imported	0	0	0	0
NO DATA REPORTED FOR BISON OR PORCINE SPECIES				