

SUMMARY OF EMBRYO TRANSFER ACTIVITY IN CANADA FOR 2011

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(Based on data from 71 clinics across Canada)

BOVINE DATA

(Based on data from 68 clinics across Canada)

BOVINE: IN VIVO DATA

DONORS - EMBRYOS COLLECTED - EMBRYOS FROZEN	DAIRY	BEEF	TOTAL NUMBER
Total number of donors	10,852	2,117	12,969
Total number of ova/embryos collected	125,214	30,663	155,877
Total number of transferable embryos collected	72,501	15,464	87,965
Total number of embryos frozen	47,217	11,824	59,041
EMBRYOS TRANSFERRED	DAIRY	BEEF	TOTAL NUMBER
Number of fresh embryos transferred	24,099	2,066	26,165
Number of fresh sexed embryos transferred	1,519	26	1,545
Number of frozen embryos transferred	23,140	4,543	27,683
Number of frozen sexed embryos transferred	1,233	19	1,252
Total number of Direct Transfers	22,902	4,526	27,428
PREGNANCY RATES	DAIRY	BEEF	TOTAL NUMBER
Fresh Embryos <i>(based on 13,724 transfers examined for pregnancy)</i>	---	---	59.7 %
Frozen Embryos <i>(based on 14,517 transfers examined for pregnancy)</i>	---	---	56.1 %
EMBRYO MOVEMENT	DAIRY	BEEF	TOTAL NUMBER
Total number of embryos exported	10,079	3,658	13,737
Total number of embryos imported	156	164	320

BOVINE: IN VITRO (IVF) DATA

(All stated data is for Dairy)

SESSIONS - COLLECTED - FROZEN	Produced by OPU	Produced from ABATTOIR OVARIES	TOTAL NUMBER
Number of OPU sessions	613	---	613
Number of oocytes collected	6,254	10,238	16,492
Number of transferable IVF embryos collected	2,176	3,000	5,176
Number of IVF embryos frozen	223	300	523
IVF EMBRYOS TRANSFERRED	Produced by OPU	Produced from ABATTOIR OVARIES	TOTAL NUMBER
Number of fresh IVF embryos transferred	1,586	32	1,618
Number of frozen IVF embryos transferred	89	0	89
EMBRYO MOVEMENT	Produced by OPU	Produced from ABATTOIR OVARIES	TOTAL NUMBER
Total number of IVF embryos exported	0	0	0

BOVINE DATA	
BOVINE – OTHER TECHNOLOGIES	TOTAL NUMBER
Total number of split embryos transferred	1,244
Total number of embryos biopsied for sexing	3,865
Total number of embryos biopsied for genetic testing	253
Total number of embryos biopsied for diagnostic testing	5

ALTERNATIVE SPECIES				
<i>(Based on data from 3 clinics across Canada)</i>				
ALTERNATIVE SPECIES – IN VIVO				
DONORS - EMBRYOS COLLECTED - EMBRYOS FROZEN	CERVINE	EQUINE	OVINE	PORCINE
Total number of donors	20	73	84	36
Total number of ova/embryos collected	---	48	951	---
Total number of transferable embryos collected	45	46	676	479
Total number of embryos frozen	0	0	580	0
EMBRYOS TRANSFERRED	CERVINE	EQUINE	OVINE	PORCINE
Total number of fresh embryos transferred	45	46	13	479
Total number of frozen embryos transferred	0	0	133	0
EMBRYO MOVEMENT	CERVINE	EQUINE	OVINE	PORCINE
Total number of embryos exported	0	0	37	0
Total number of embryos imported	0	0	0	0
NO DATA REPORTED FOR CAPRINE SPECIES				