

SUMMARY OF EMBRYO TRANSFER ACTIVITY IN CANADA FOR 2009

Prepared by Dr. Reuben Mapletoft, University of Saskatchewan & Karen McDermott, CETA/ACTE
(Based on data from 69 clinics across Canada)

BOVINE DATA			
<i>(Based on data from 66 clinics across Canada)</i>			
BOVINE – IN VIVO			
DONORS - EMBRYOS COLLECTED - EMBRYOS FROZEN	DAIRY	BEEF	TOTAL NUMBER
Total number of donors	11,059	2,289	13,348
Total number of ova/embryos collected	131,362	34,238	165,600
Total number of transferable embryos collected	74,828	17,800	92,628
Total number of embryos frozen	49,535	14,192	63,727
EMBRYOS TRANSFERRED	DAIRY	BEEF	TOTAL NUMBER
Number of fresh embryos transferred	22,626	2,000	24,626
Number of fresh sexed embryos transferred	1,469	6	1,475
Number of frozen embryos transferred	23,503	5,281	28,784
Number of frozen sexed embryos transferred	1,619	40	1,659
Total number of Direct Transfers	---	---	27,681
PREGNANCY RATES	DAIRY	BEEF	TOTAL NUMBER
Fresh Embryos <i>(based on 12,764 transfers examined for pregnancy)</i>	---	---	59.5%
Frozen Embryos <i>(based on 15,401 transfers examined for pregnancy)</i>	---	---	58.3%
STORAGE - EMBRYO MOVEMENT	DAIRY	BEEF	TOTAL NUMBER
Total number of embryos in storage	---	---	78,114
Total number of embryos exported	8,901	4,833	13,734
Total number of embryos imported	89	208	297
BOVINE – IN VITRO (IVF)			
EMBRYOS COLLECTED - EMBRYOS FROZEN	DAIRY	BEEF	TOTAL NUMBER
Number of embryos produced by OPU	564	20	584
Number of embryos produced from abattoir ovaries	0	0	0
Number of embryos frozen	3	0	3
IVF EMBRYOS TRANSFERRED	DAIRY	BEEF	TOTAL NUMBER
Number of fresh IVF embryos transferred	206	7	213
Number of frozen IVF embryos transferred	3	0	3
EMBRYO MOVEMENT	DAIRY	BEEF	TOTAL NUMBER
Total number of IVF embryos exported	0	0	0

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BOVINE DATA	
BOVINE – OTHER TECHNOLOGIES	TOTAL NUMBER
Total number of split embryos transferred	627
Total number of embryos biopsied for sexing	2,484
Total number of embryos biopsied for diagnostic testing	168

ALTERNATIVE SPECIES				
<i>(Based on data from 5 clinics across Canada)</i>				
ALTERNATIVE SPECIES – IN VIVO				
DONORS - EMBRYOS COLLECTED - EMBRYOS FROZEN	EQUINE	CAPRINE	OVINE	PORCINE
Total number of donors	26	27	137	10
Total number of ova/embryos collected	23	338	821	---
Total number of transferable embryos collected	22	278	565	325
Total number of embryos frozen	0	154	565	0
EMBRYOS TRANSFERRED	EQUINE	CAPRINE	OVINE	PORCINE
Total number of fresh embryos transferred	22	124	0	380
Total number of frozen embryos transferred	0	0	23	0
STORAGE - EMBRYO MOVEMENT	EQUINE	CAPRINE	OVINE	PORCINE
Total number of embryos in storage	0	274	439	0
Total number of embryos exported	0	0	162	325
Total number of embryos imported	0	0	0	380