

Summary of Embryo Transfer Activity in Canada for 2004

Prepared by Dr. Reuben Mapletoft, University of Saskatchewan & Karen McDermott, CETA/ACTE

(Based on data from 61 clinics across Canada)

BOVINE – IN VIVO			
	DAIRY	BEEF	TOTAL NUMBER
Number of donors	9026	2086	11112
Number of embryos collected	54643	14430	69073
Number of embryos frozen	34214	11318	45532
EMBRYOS TRANSFERRED			
Number of fresh embryos transferred	19021	2164	21185
Number of fresh sexed embryos transferred	1215	5	1220
Number of frozen embryos transferred	16673	5391	22064
Number of frozen sexed embryos transferred	1094	99	1193
Total number of direct transfers	---	---	21229
Total number of embryos in storage	---	---	53784
Total number of embryos exported	6480	4008	10488
Total number of embryos imported	112	145	257

BOVINE – IN VITRO (IVF)			
	DAIRY	BEEF	TOTAL NUMBER
Number of embryos produced by OPU	287	---	287
Number of embryos produced from abattoir ovaries	18468	---	18468
Number of embryos frozen	17	---	17
IVF EMBRYOS TRANSFERRED			
Number of fresh IVF embryos transferred	117	---	117
Number of frozen IVF embryos transferred	17	---	17

BOVINE – OTHER TECHNOLOGIES	
	TOTAL NUMBER
Total number of split embryos transferred	957

ALTERNATIVE SPECIES – IN VIVO					
	EQUINE	PORCINE	CERVIDS	OVINE	CAPRINE
Total number of donors	50	68	11	58	14
Total number of embryos collected	27	1367	24	598	206
Total number of embryos frozen	1		10	549	191
EMBRYOS TRANSFERRED					
Total number of fresh embryos transferred	26	2448 embryos (transferred into 212 recipients)	14	25	12
Total number of frozen embryos transferred	1			24	3
Total number of embryos in storage			10	469	407
Total number of embryos exported				64	
Total number of embryos imported		1459			