
Summary of Embryo Transfer Activity in Canada for 2001
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(Based on data from 60 clinics across Canada)

BOVINE:

Total number of dairy donors	10893	(76%)
Total number of beef donors	3487	(24%)
Total number of donors	14380	
Number of embryos collected - dairy	67981	
Number of embryos collected – beef	23946	
Total number of embryos collected	91927	(6.4 embryos/donor)
Number of embryos frozen – dairy	44381	
Number of embryos frozen – beef	17627	
Total number of embryos frozen	62008	
Number of fresh embryos transferred – dairy	20025	with an estimated 12060 pregnancies or 60.2% pregnancy rate
Number of fresh embryos transferred – beef	3588	with an estimated 2285 pregnancies or 64% pregnancy rate
Total number of fresh embryos transferred	23613	with an estimated 14345 pregnancies or 60.8% pregnancy rate
Number of frozen embryos transferred – dairy	15665	with an estimated 9393 pregnancies or 59.9% pregnancy rate
Number of frozen embryos transferred – beef	7579	with an estimated 4461 pregnancies or 59.1% pregnancy rate
Total number of frozen embryos transferred	23244	with an estimated 13854 pregnancies or 59.7% pregnancy rate
Total number of sexed fresh embryos transferred	2511	with an estimated 1489 pregnancies or 59.3% pregnancy rate
Total number of sexed frozen embryos transferred	1180	with an estimated 679 pregnancies or 57.5% pregnancy rate
Total number of embryos in storage	102744	(31903 are IVF)
Number of embryos exported - dairy	10743	
Number of embryos exported – beef	3102	
Number of embryos imported – dairy	161	
Number of embryos imported – beef	276	
Total number of direct transfers	22061	(95% of total frozen embryos)
Estimated Pregnancies	12983	or 58.9% pregnancy rate

BOVINE IVF:

Total number of fresh embryos transferred	498	(with 241 pregnancies or 48.4% pregnancy rate)
Total number of frozen embryos transferred	78	(with 44 pregnancies or 56.4% pregnancy rate)

BOVINE – Other Technologies:

Total number of split embryos transferred	330	(with 174 pregnancies or 52.7% pregnancy rate)
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ALTERNATIVE SPECIES:

	CAPRINE/OVINE	CERVID	EQUINE	PORCINE
Total number of donors	115	69	175	180
Total number of embryos collected	672	281	122	3765
Total number of embryos frozen	124	54	32	26
Total number of embryos transferred				
Fresh	561	227	91	3280
Pregnancies	308	162	69	1744
Frozen	372	18	22	18
Pregnancies	215	11	10	11
Total number of embryos in storage	291	0	16	0
Total number of embryos exported	0	0	0	0
Total number of embryos imported	136	0	2	0
Total number direct transfers	0	0	12	0
Total number of pregnancies	0		4	
Pregnancy results:				
Fresh	54.9 %	71.4%	80.7 %	80.9 %
Frozen	57.8 %	61.1%	30.7 %	61.1%

ALTERNATIVE SPECIES - OTHER TECHNOLOGIES:

Total number of split embryos transferred - (Caprine/Ovine)	8	(with 5 pregnancies or 62.5% pregnancy rate)
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Total number of pregnancies produced from transgenic embryos - (Porcine)	28
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