

Summary of AETA Activity Questionnaire for 2003

General Information

One hundred four embryo transfer businesses (etb) submitted responses to 2003's questionnaire (89 of these were AETA certified). Fifty-seven percent (60 of 104) considered embryo transfer a full-time activity. The average staff consisted of 1.2 professional employees and 1.2 support staff. Forty-six of the etb provided donor housing. Twenty-seven etb provided recipients for clients. Fifty-three of the 104 respondents had more than 50% of their recoveries in the dairy breeds. No comparisons with previous years have been included in this report.

Bovine General Activity

General activity data are summarized in Table 1.

Other Species General Activity

The reporting of activity for other species varied in terminology from etb to etb; these data were summarized as accurately as possible.

Caprine: Recoveries – 196; Transfers – 1568; Fresh Transfers – 983; Embryos Frozen – 384; Embryos Thawed & Transferred – 58.

Cervids: Recoveries – 15; Transfers – 15.

Equine: Recoveries – 129; Transfers – 6; Fresh Transfers – 96; Embryos Frozen – 7; Embryos Thawed & Transferred – 2; Pregnancy Rate – 59%.

Export Activity

Export activity data for bovine exports from beef breeds are summarized in Table 2; exports from dairy breeds are summarized in Table 3. The only exports for other species that were reported in 2003 were 349 Angora embryos exported to Australia.

Commercial IVF/IVP, Transgenic, and Cloning Activity

Five etb reported activity in one or more of these areas in 2003. Reported commercial IVF/IVP activity included: 2781 recoveries (1690 dairy; 1091 beef); 12,063 viable oocytes; 1558 transferred embryos; a pregnancy rate on fresh transfers of 52%; 908 embryos frozen; and 344 embryos thawed and transferred.

Thanks

A special thank you to those etb that took the effort to send in complete and accurate data on the first request and to the statistical committee members!

TABLE 1: 2003 General Bovine ET Activity by Region.

Reg- ion ¹	ETB	Recoveries		Transf. Emb.	Fresh Transf. % ²		Embryos Frozen			Thawed & Transf.				Biop- sied
		Dairy	Beef		Total	Glyc	DT	Glyc	% ²	DT	% ²			
NC	35	6144	7386	77851	21151	61	56036	8258	46682	6914	59	28112	56	473
NE	18	4185	1269	28113	11787	60	15802	1652	10963	1388	54	6539	52	148
NW	10	793	973	11349	3924	62	7225	1067	6158	614	56	3247	54	3
SC	24	623	8241	54749	21884	62	31660	4871	27645	5255	56	18834	55	82
SE	15	682	4335	29839	11972	69	14178	974	12498	912	59	11036	57	16
SW	2	263	2	3540	2412	64	1128	5	1123	36	56	1122	54	0
TOT	104	12,690	22,206	205,441	73,130	63	126,029	16,827	105,069	15,119	56	68,890	55	722

1. Definition of regions: NC=IA, IL, IN, MN, NE, SD, and WI; NE=CT, MD, ME, MI, NY, OH, and PA;

NW=ID, OR, UT, WA, and WY; SC=CO, KS, LA, MO, NM, OK, and TX; SE=GA, KY, MS, NC, TN, and VA; SW=CA.

2. Percentages are averages of reported values for the etb; they are not weighted by the number of transfers done by that etb. Total percentages are the averages of the percentages for the regions.

TABLE 2: 2003 Exports of Embryos from Beef Breeds.

BEEF	AN	AR	BM	BN	BR	BZ	HP	KB	SE	SM	NA	Total
Argentina	133					94						227
Australia	963				115			108	784	103		2073
Bulgaria		7										7
Canada	28	20					18			25		91
China	15	5										20
Costa Rico				20	7							27
Germany	3											3
Guadomaula										25		25
Mexico											255	255
Panama			42									42
South Africa	22											22
Sweden	10											10
United Kingdom		49										49
Totals	1174	81	42	20	122	94	18	108	784	153	255	2851

TABLE 3: 2003 Exports of Embryos from Dairy Breeds.

DAIRY	AY	BS	GU	HO	JE	Total
Argentina				120		120
Australia		64		130	73	267
Austria		3		4		7
Bulgaria				64		64
Canada		20		150	5	175
China				604		604
Cyprus				12		12
Czech Republic	8			260		268
Denmark				30		30
England				329		329
EU				12		12
Finland				21		21
France				630		630
Germany		59		614	40	713
Great Britain				15		15
Holland		28		602		630
Honduras				9		9
Hungary				36		36
Italy		20		86		106
Japan	1	26		1474	10	1511
Kazakstan				16		16
Kenya				53		53
Mexico		100				100
Netherlands				73		73
New Zealand			10			10
Nicaragua		22				22
Poland				16		16
Romania					200	200
Russia		46			5	51
South Africa		18			6	24
Spain				84		84
Sweden				52		52
Switzerland		17				17
Turkey		4			4	8
Not reported				86		86
Totals	9	427	10	5582	343	6371