

Structure and perspective of the dairy cattle industry in Greece



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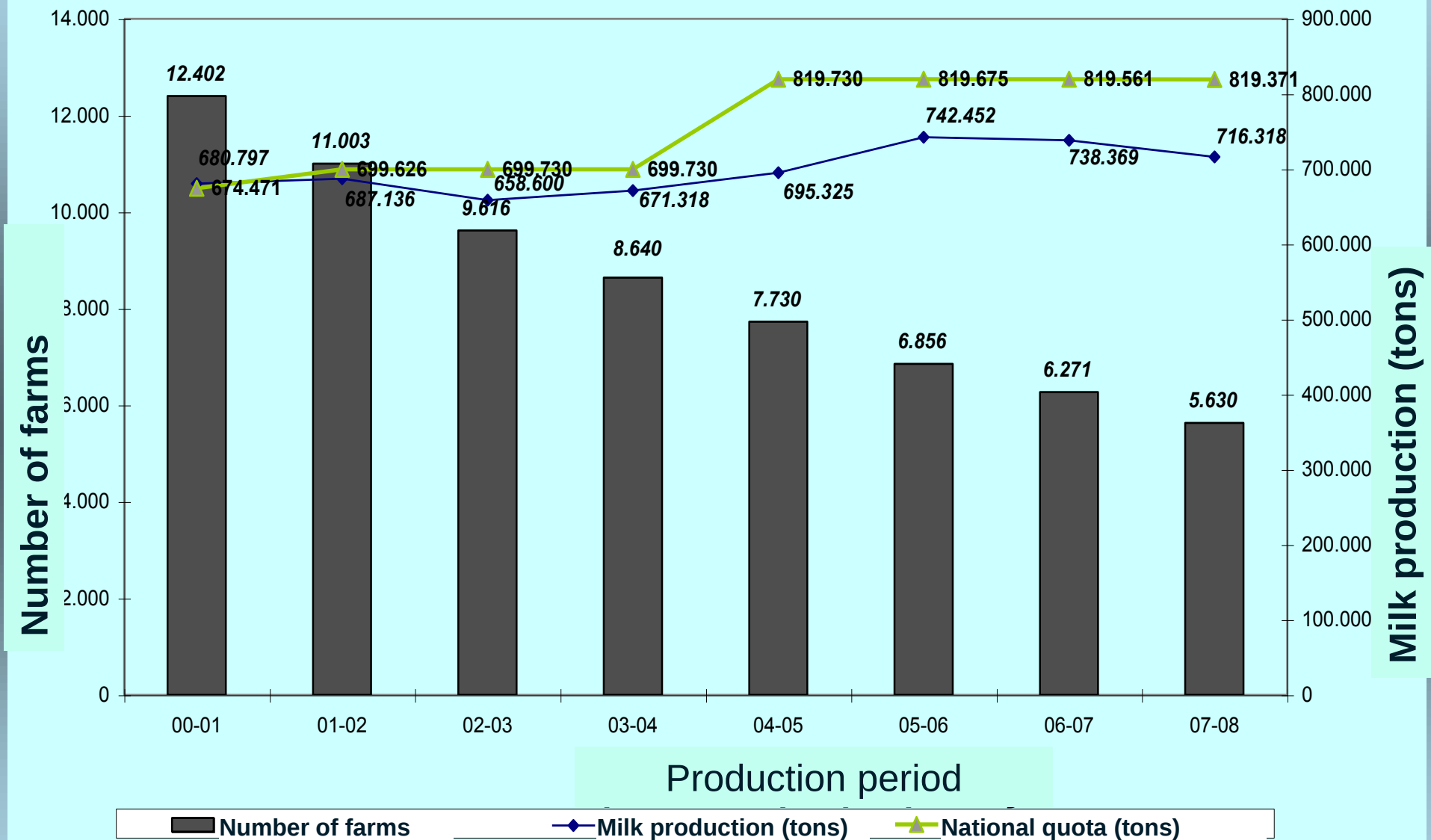
Laboratory of Animal Genetics and Breeding, Dept. of Animal Production, School of Agriculture, Aristotle University of Thessaloniki, Greece.



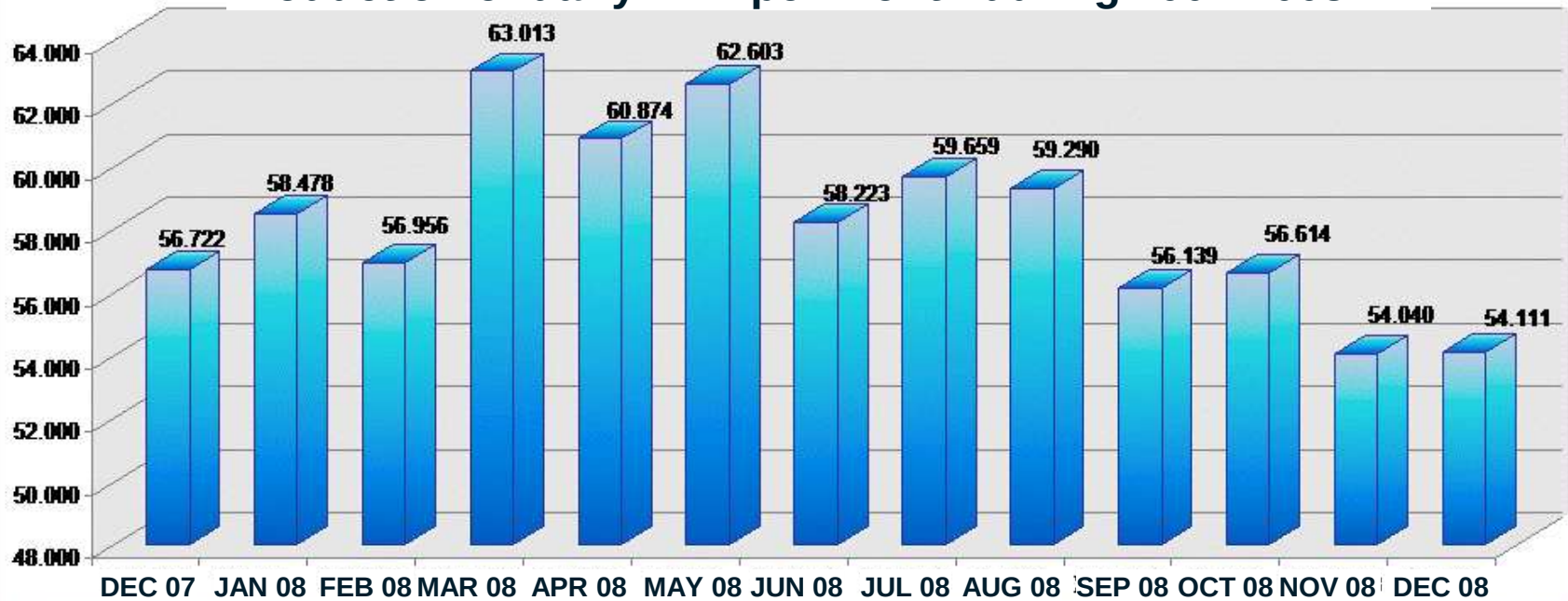
~ 11.000.000 Greeks
~ 640.000 Cows
~ 150.000 Dairy cows
~ 5630 Farms

~ 13.376.930 Sheep and goats
~ 124.182 Farms

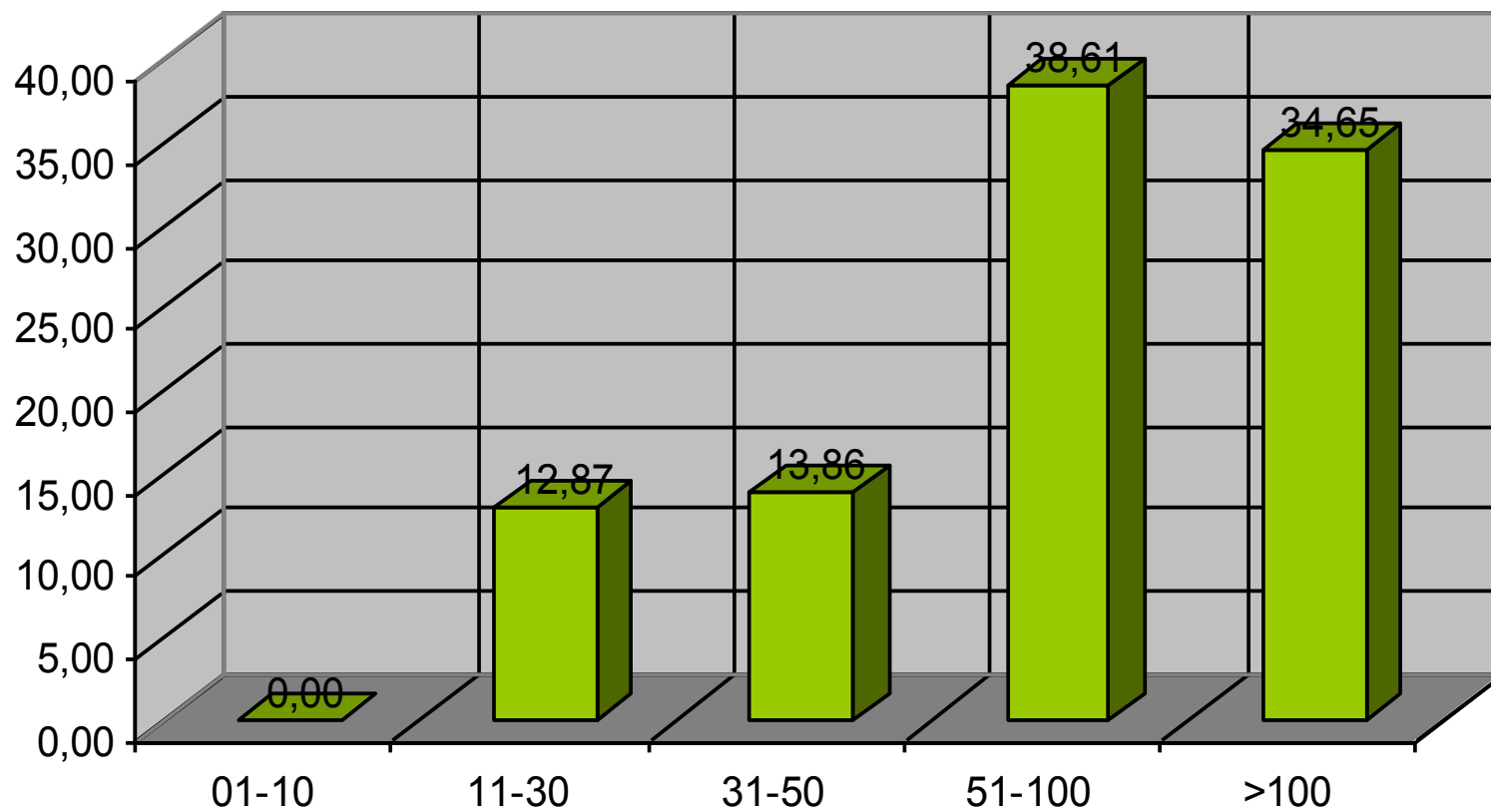
Progress of the number of dairy farms and milk production



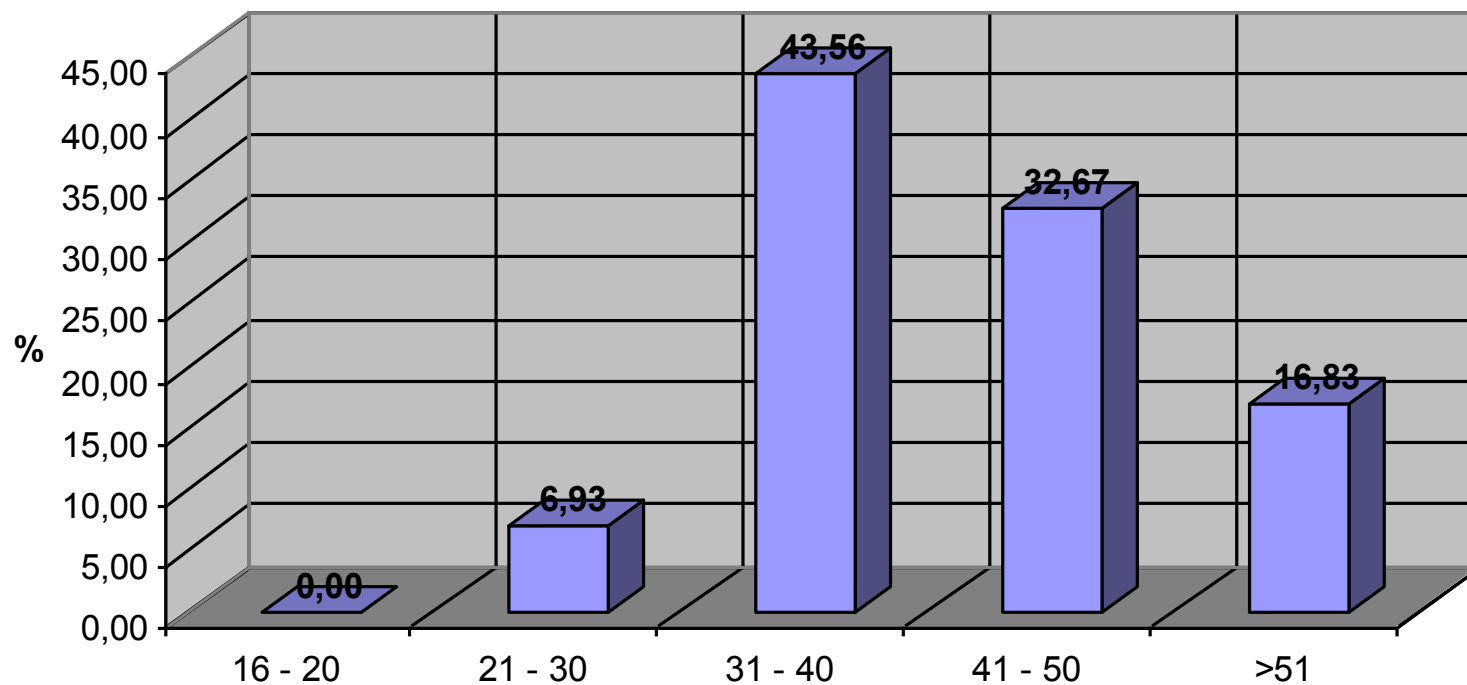
Production of dairy milk per month during 2007-2008



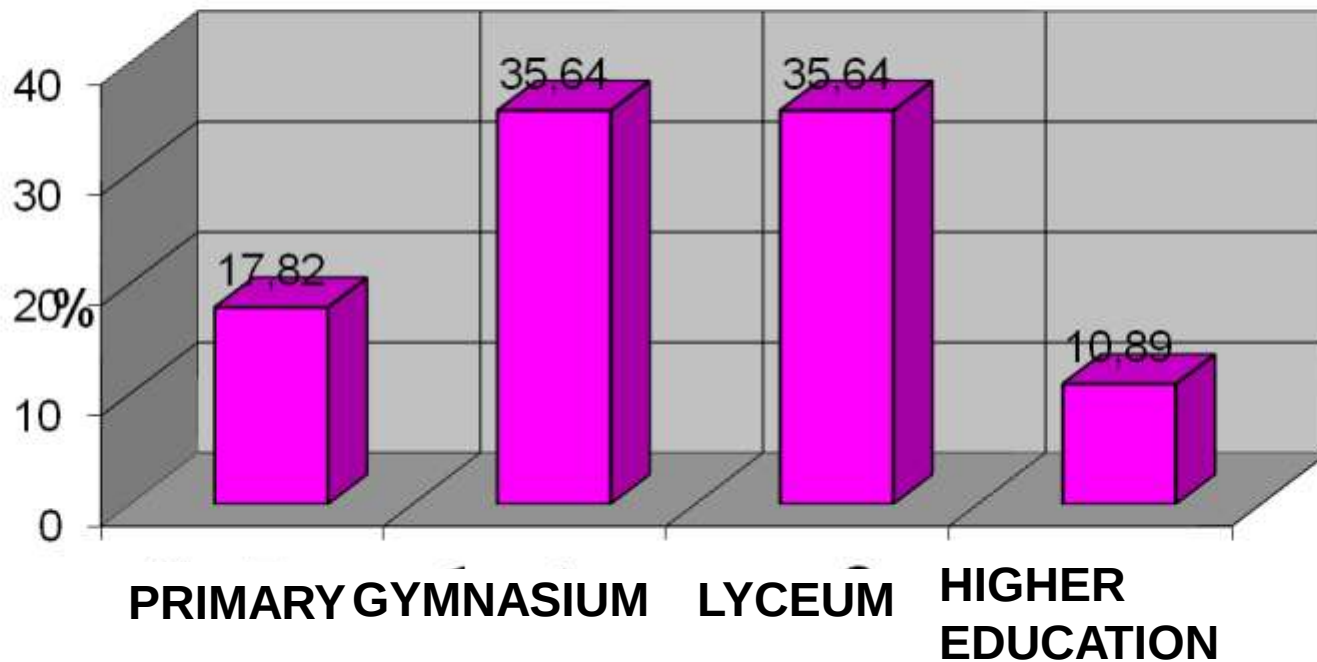
HERD SIZE - NUMBER OF COWS KEPT



AGE (YEARS) OF THE FARM OWNER



EDUCATION LEVEL OF FARM OWNER



Recorded cows with closed lactations per year

2006

18743

2007

19026

2008

13210

Average Milk production (all lactations)

Year	Actual Lactation (kg)	305 days lactation (kg)	Days in milk	Dry period (days)
2006	9629	8386	365	71
2007	9863	8441	374	72
2008	10248	8510	392	76

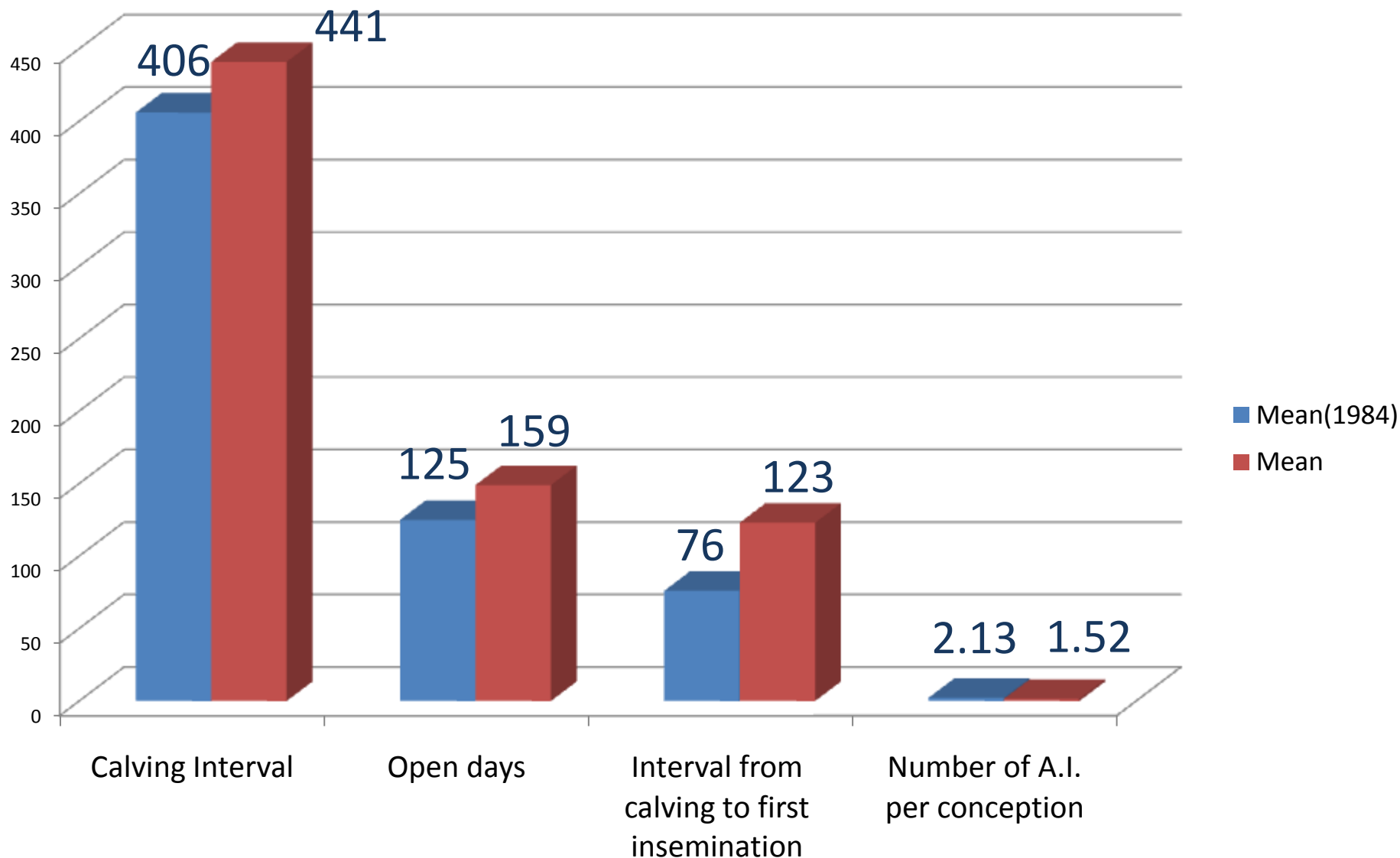
Average Milk production (First lactation)

Year	Actual Lactation (Kg)	305 days lactation (Kg)	Days in milk
2006	9375	7972	369
2007	9634	7966	383
2008	9271	7786	376

MILK INGREDIENTS AND SCC

Herd Size (cows)	FAT %	PROTEIN %	F/P RATIO	LACTOSE %	SCC
< 150 (AV:82)	3.97	3.43	1.16	4.84	450
> 150 (AV:180)	3.88	3.28	1.18	4.93	376
TOTAL (AV:96)	3.96	3.41	1.16	4.85	439

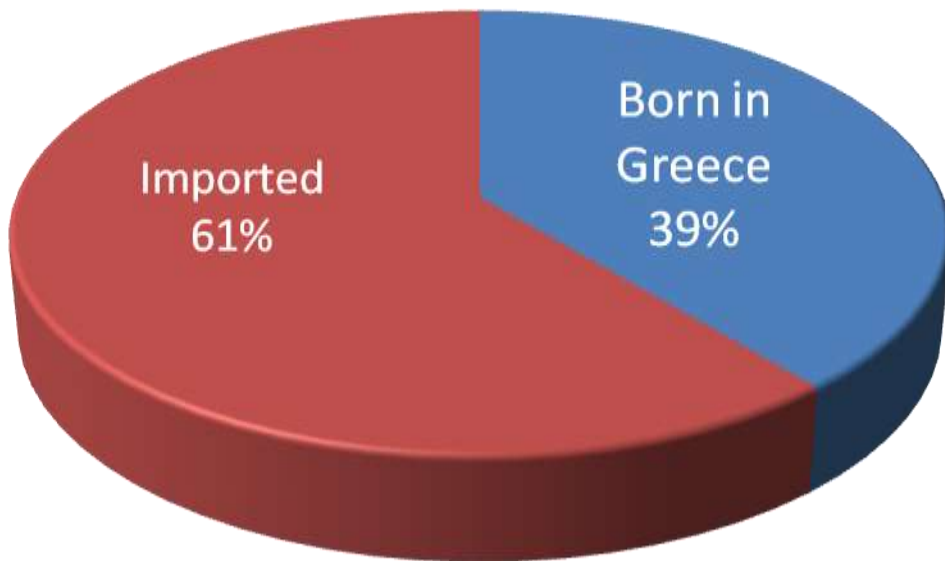
Comparison with older (1984) Reproduction Data



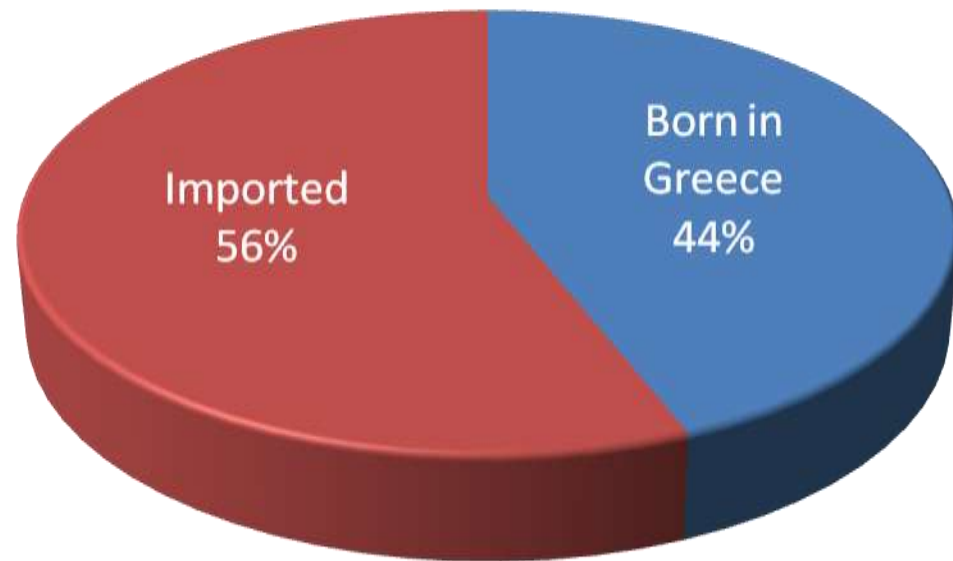
- **Age at first calving 27.6 months (2.3 years)**
- **Age at culling 66 months (5.5 years)**
- **Number of completed lactations at culling 2.9**
- **Duration of productive life 27 months (2.3 years)**

- **Available heifers for replacement 33.4 %**
- **Culling 31.5 %**
- **Replacement 38.4 %**

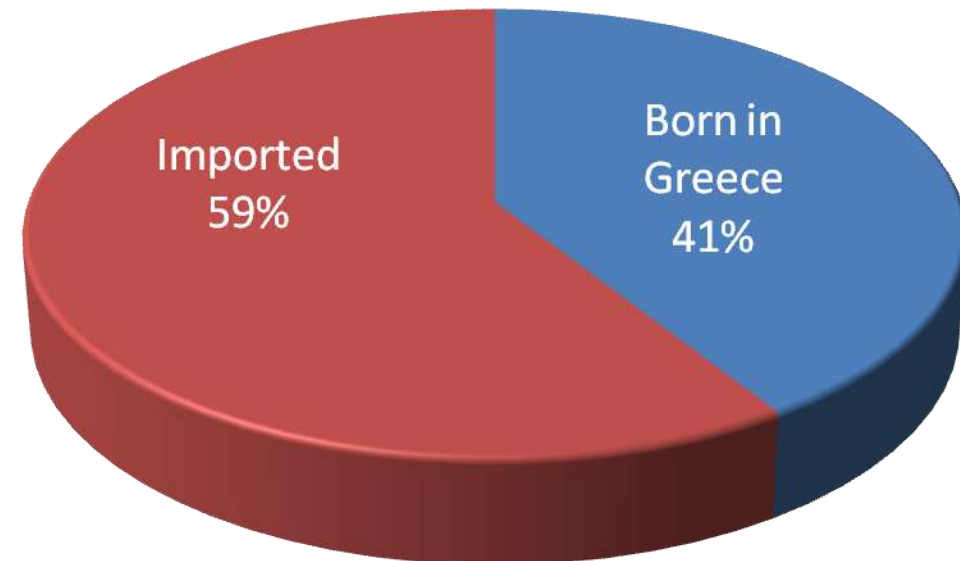
2004



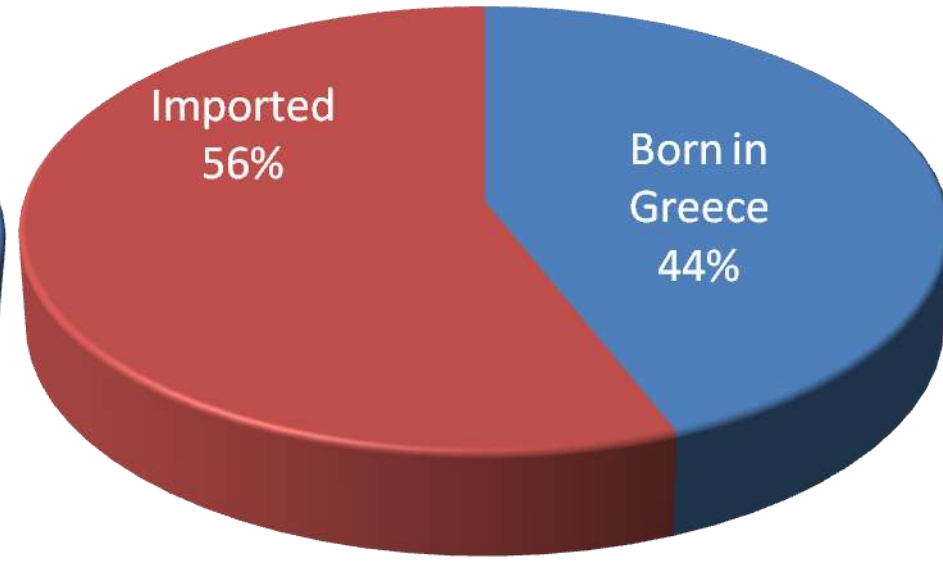
2005



2006

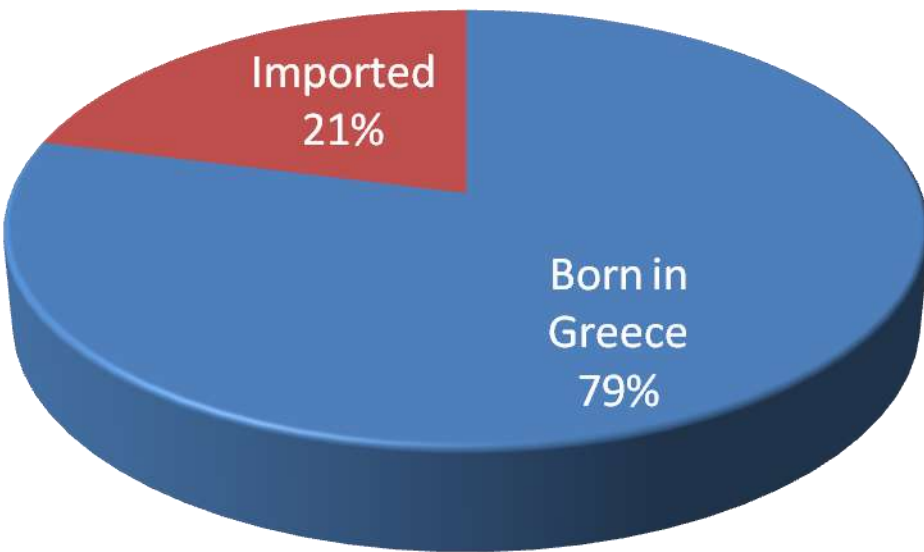


2004-2006

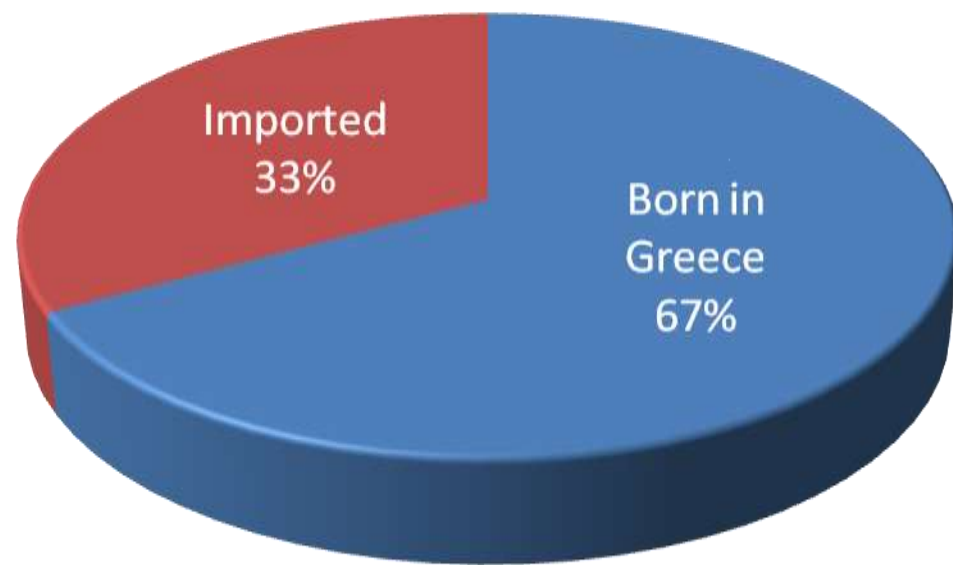


Origin of Heifers per year

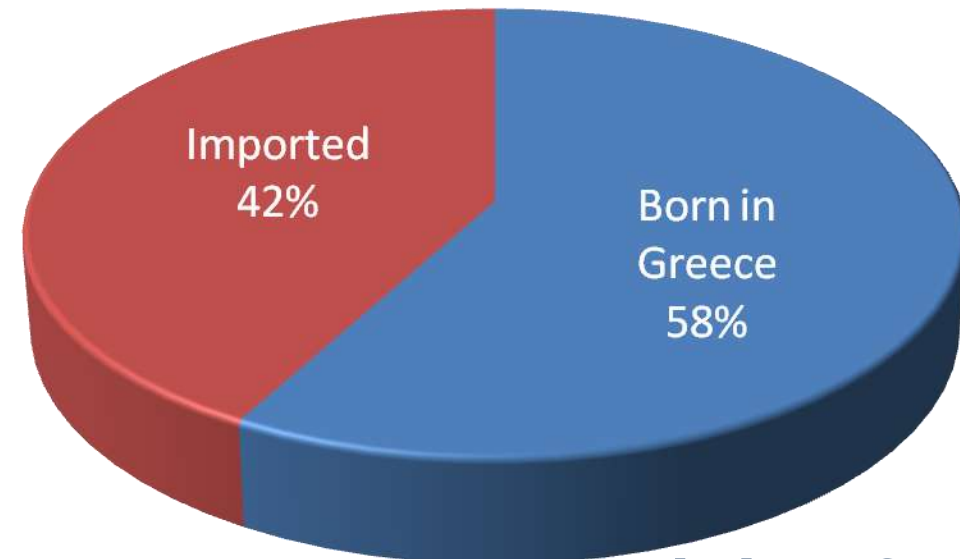
2004



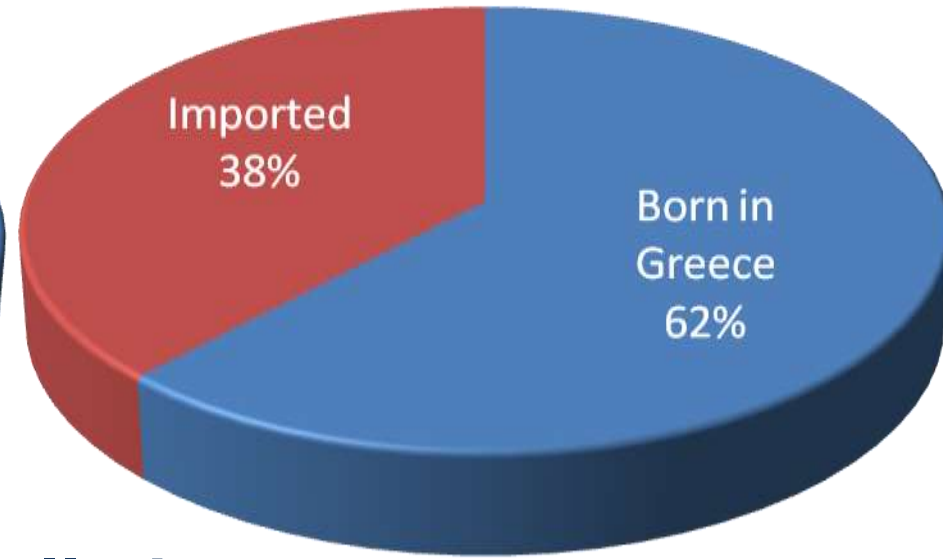
2005



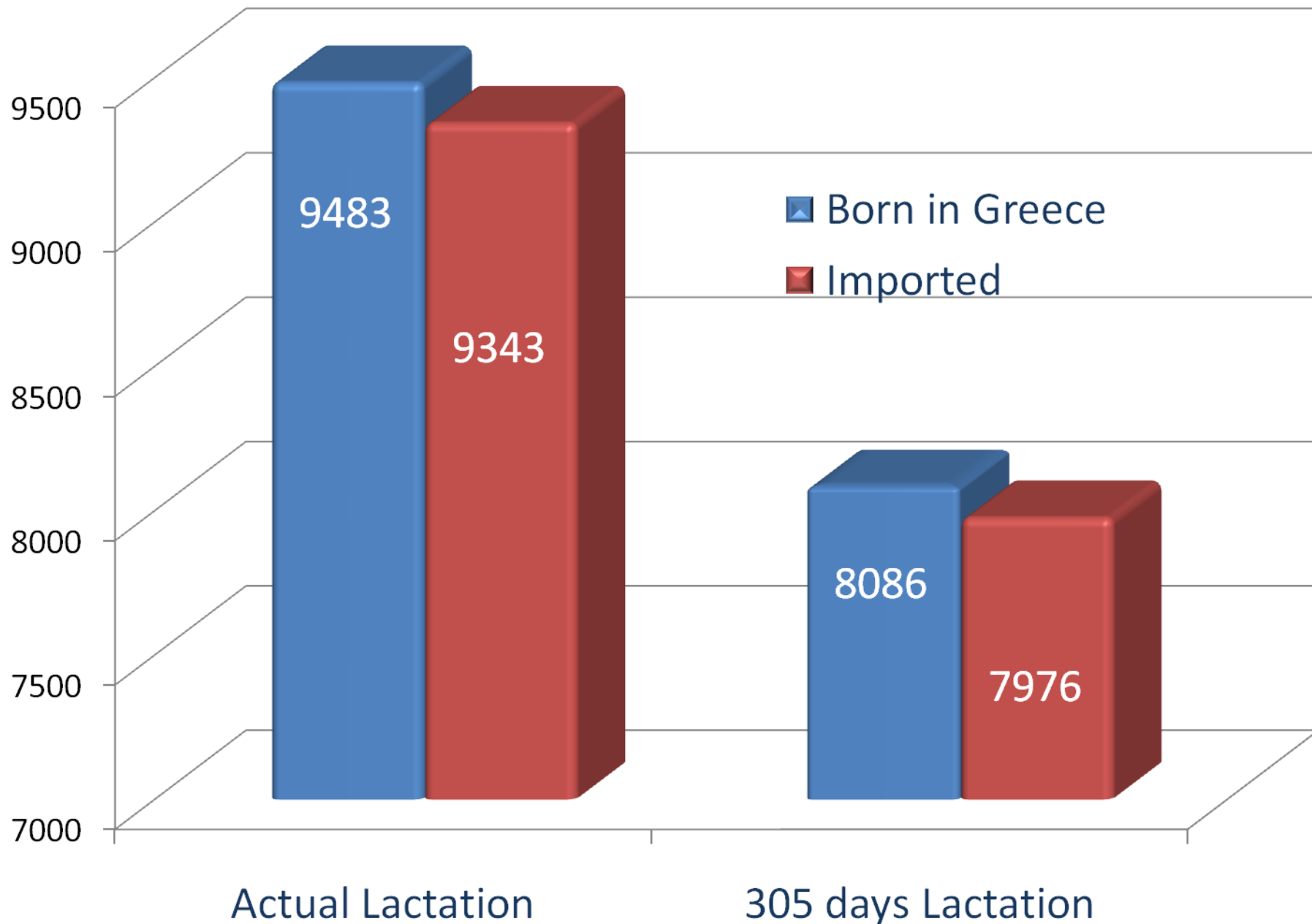
2006



2004-2006

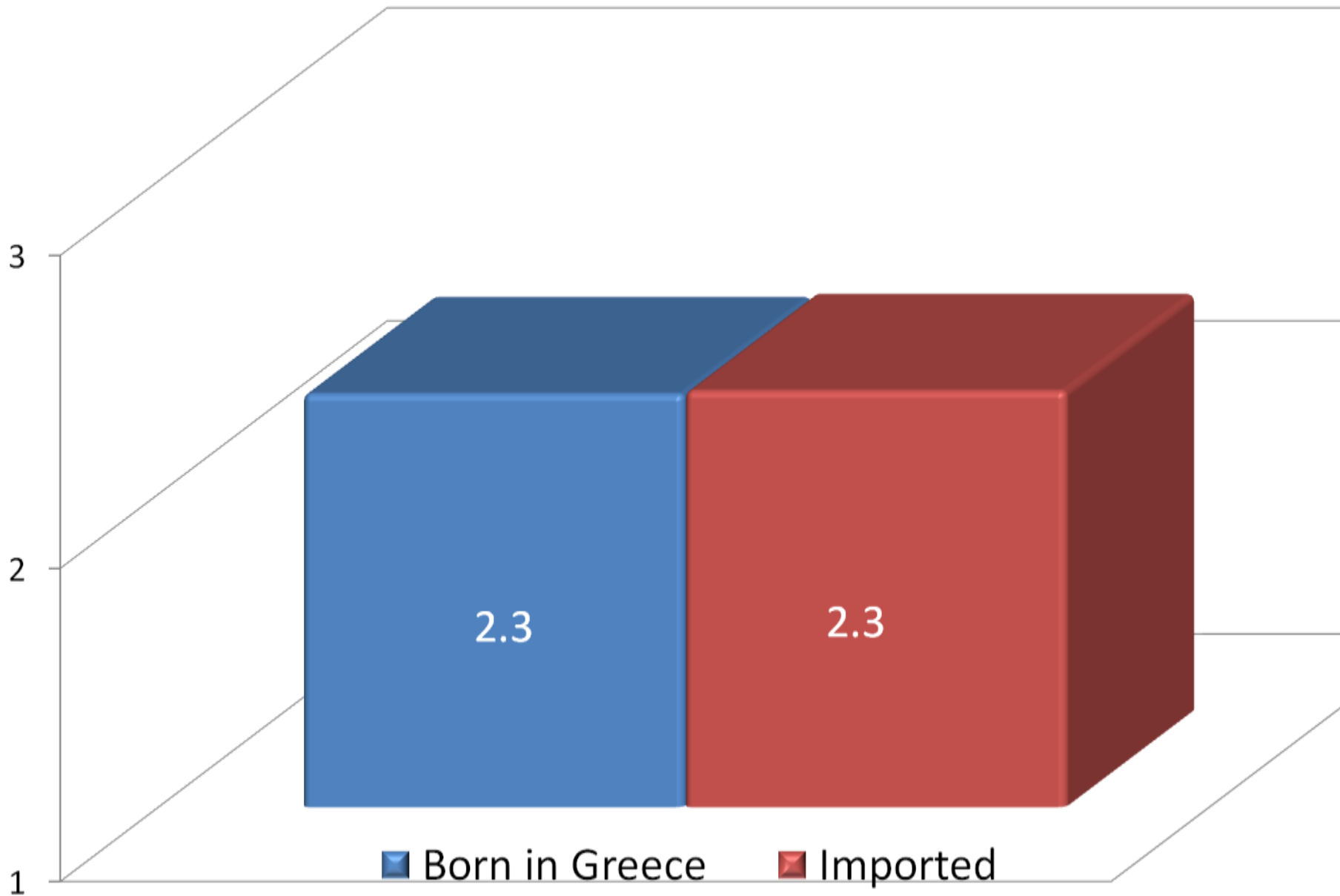


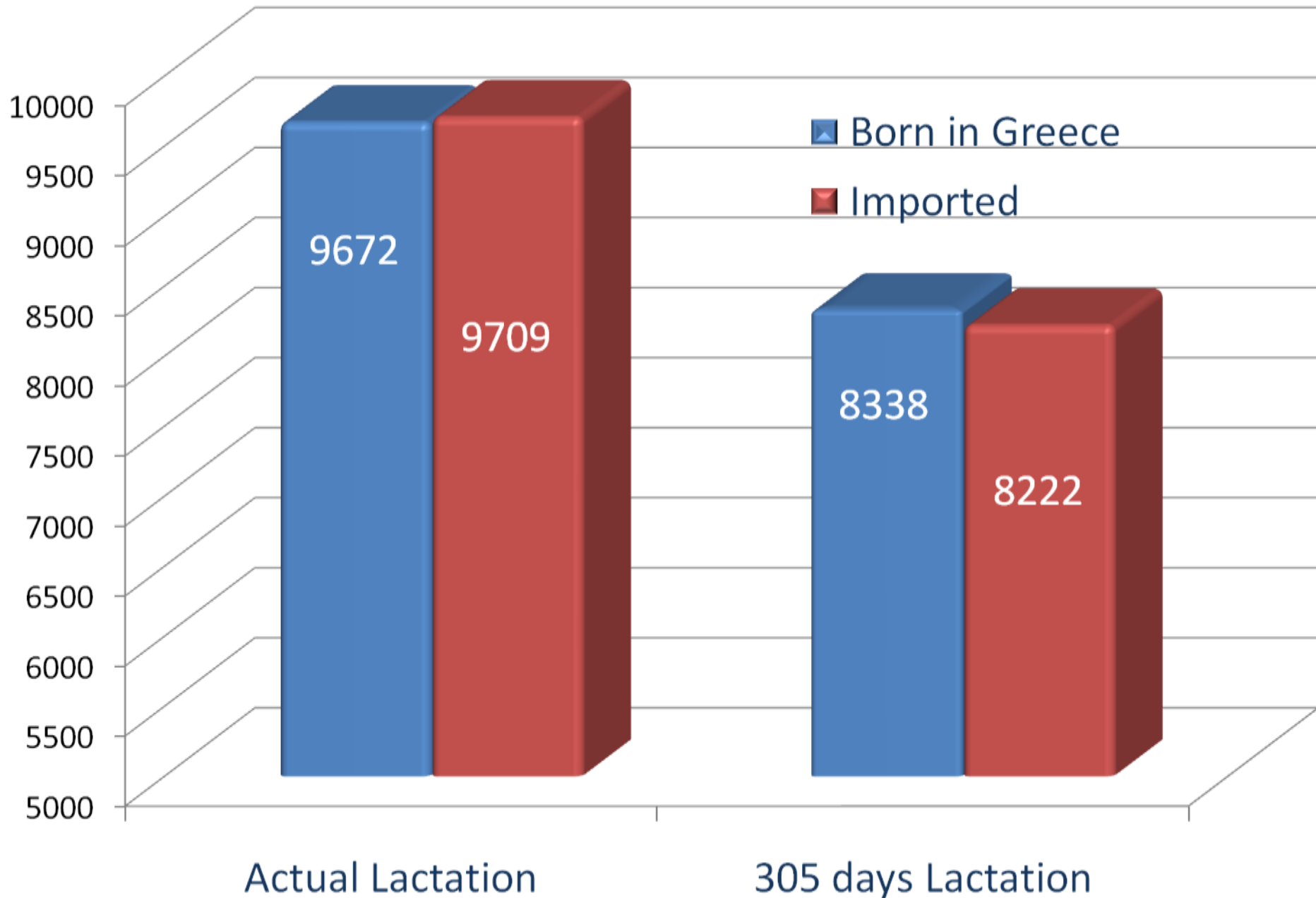
Origin of culled cows



Results of the First Lactation

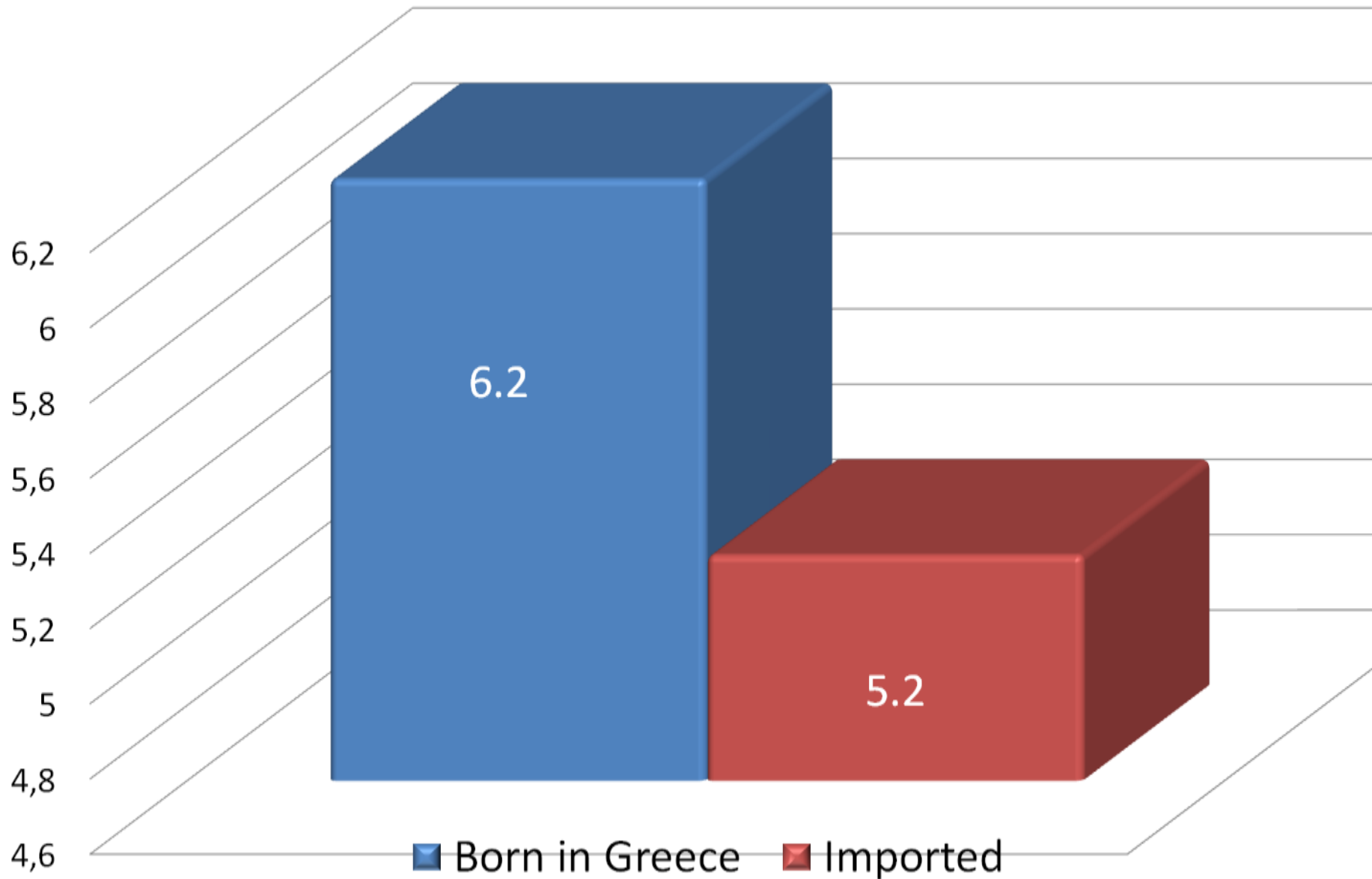
Age at first calving (years)



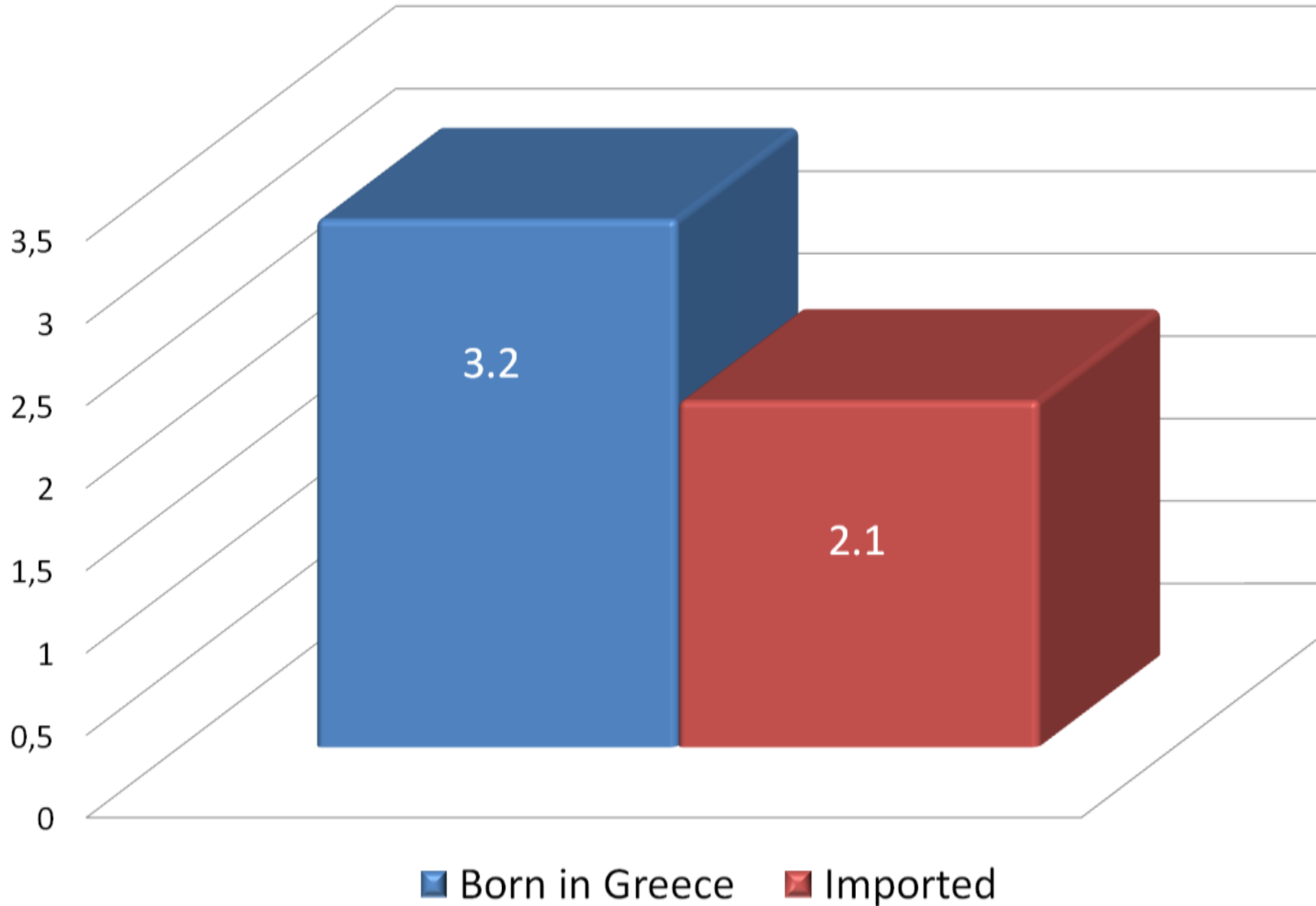


Results of the last lactation before culling

Age at culling (years)



Number of calvings/lactations at culling







19.10.2004 08:52



20.10.2004 13:04



16.09.2004 10:54



THANK YOU

FOR YOUR ATTENTION