



International workshop

CATTLE SECTOR DEVELOPMENT IN TRANSITION COUNTRIES OF CEE

22 August 2008, Vilnius - Le Meridien Villon Convention Centre

in the context of the 59th EAAP Annual Meeting

**Workshop jointly organized by:
EAAP Cattle Network Working Group
EAAP CEEC Contact Working Group
EAAP Cattle Commission**



International workshop

CATTLE SECTOR DEVELOPMENT AND DAIRY CHAIN IN BALTIC COUNTRIES

CATTLE SECTOR DEVELOPMENT IN TRANSITION COUNTRIES OF CEE

22 August 2008, Vilnius

Facts

- **Estonia:**
Population – 1,4 mln
Area – 45,227 km²
- **Latvia:**
Population – 2,4 mln
Area - 64,589 km²
- **Lithuania:**
Population – 3,5 mln
Area - 65,300 km²



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History



CATTLE SECTOR DEVELOPMENT IN TRANSITION COUNTRIES OF CEE

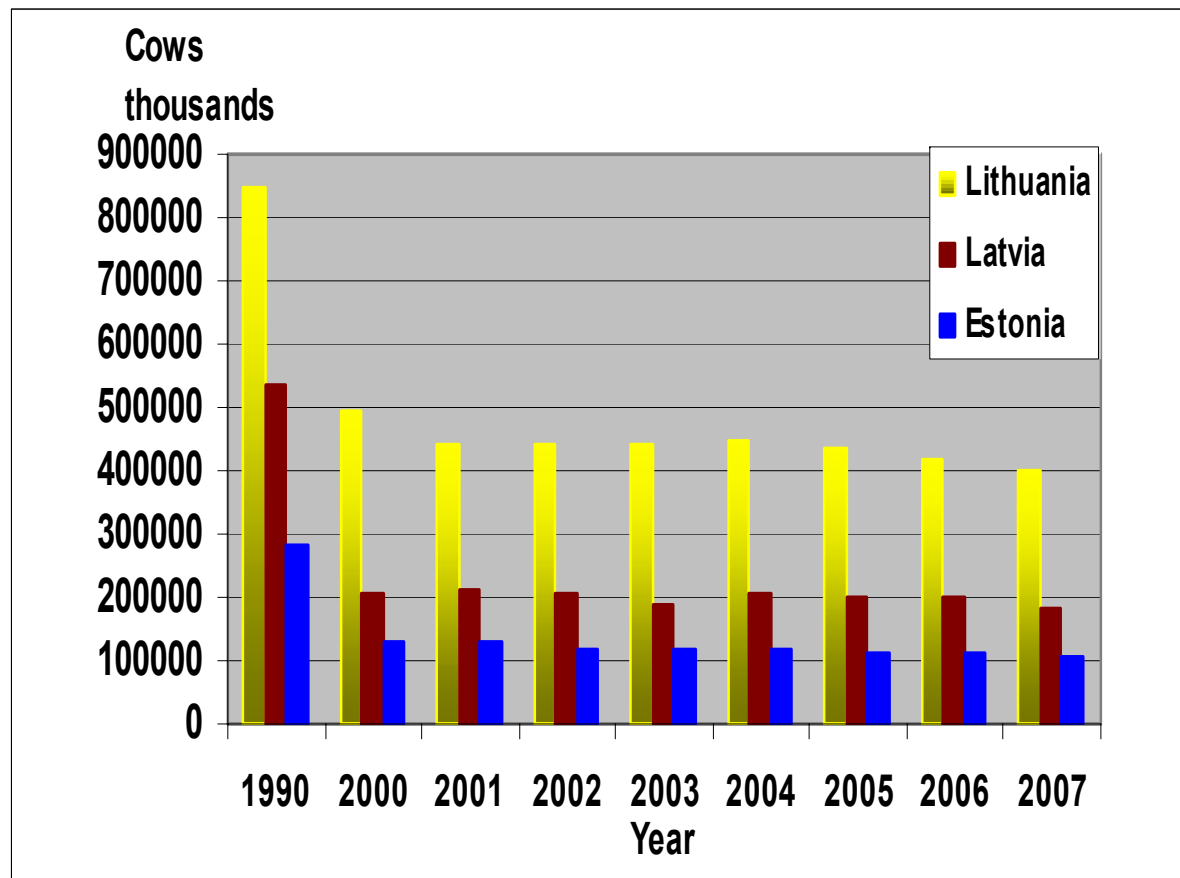
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Dairy Cows Population

Dairy cows population in Baltic countries has decreased since 2000 by:

- Lithuania – 19.28 %
- Latvia – 9.58 %
- Estonia – 20.53 %

Cows population will continue decreasing in the future.



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Breeding

- **Lithuania, Latvia and Estonia are members of ICAR.**
- **Latvia and Estonia are members of INTERBULL.**
- **There are three dairy cattle associations in Lithuania and two in Latvia, and one cattle breeders association in Estonia.**
- **In all countries the breeding is under state inspection.**
- **Every country has very modern, independent milk test laboratories, animal recording, and animal productivity control centers.**
- **Every country has state and private AI companies and semen shops.**

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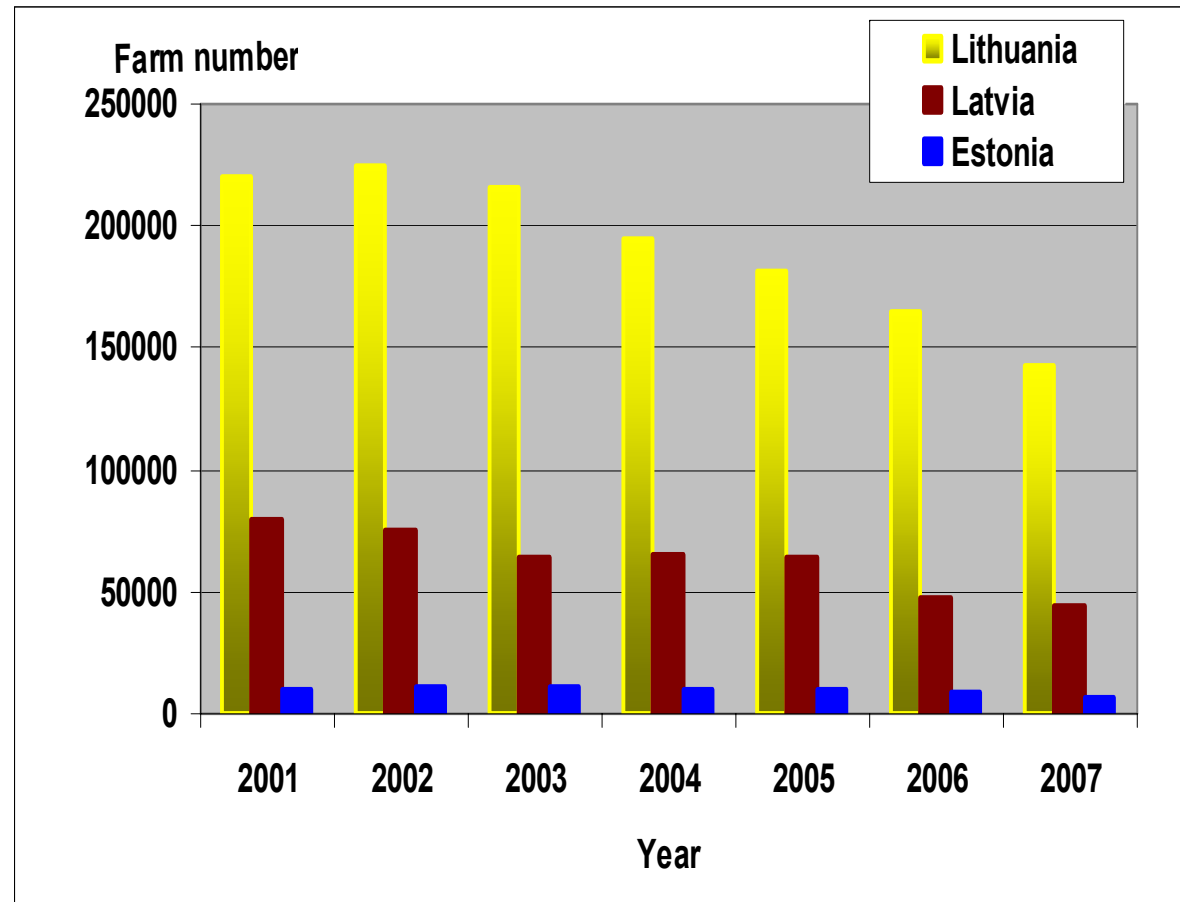
Number of Dairy Farms

From 2001 until 2007
the number of dairy
farms greatly
decreased by:

- Lithuania 35,2%
- Latvia 44,3%
- Estonia 34,7%

The average number of
dairy cattle per farm is:

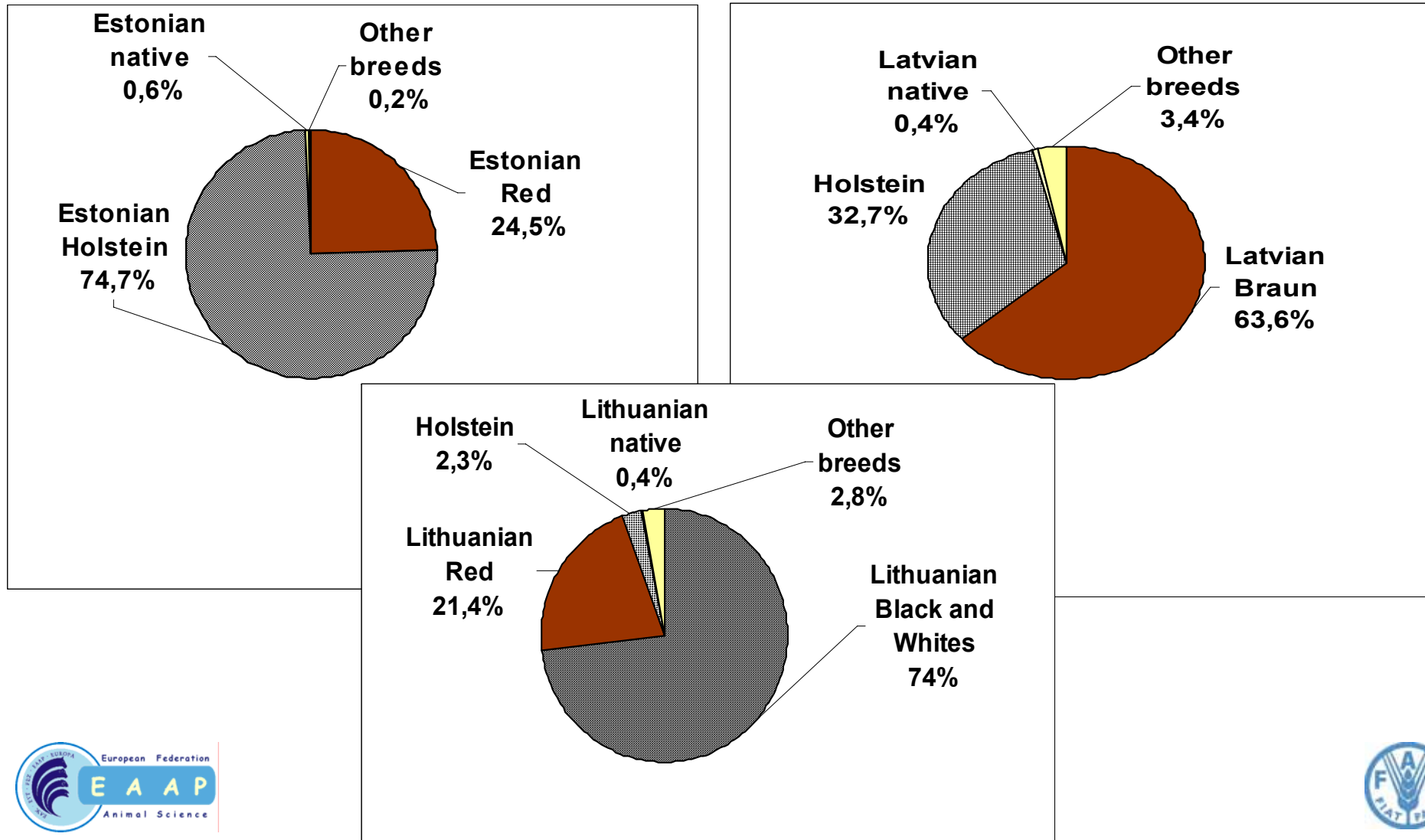
- Lithuania – 3
- Latvia – 4
- Estonia – 15



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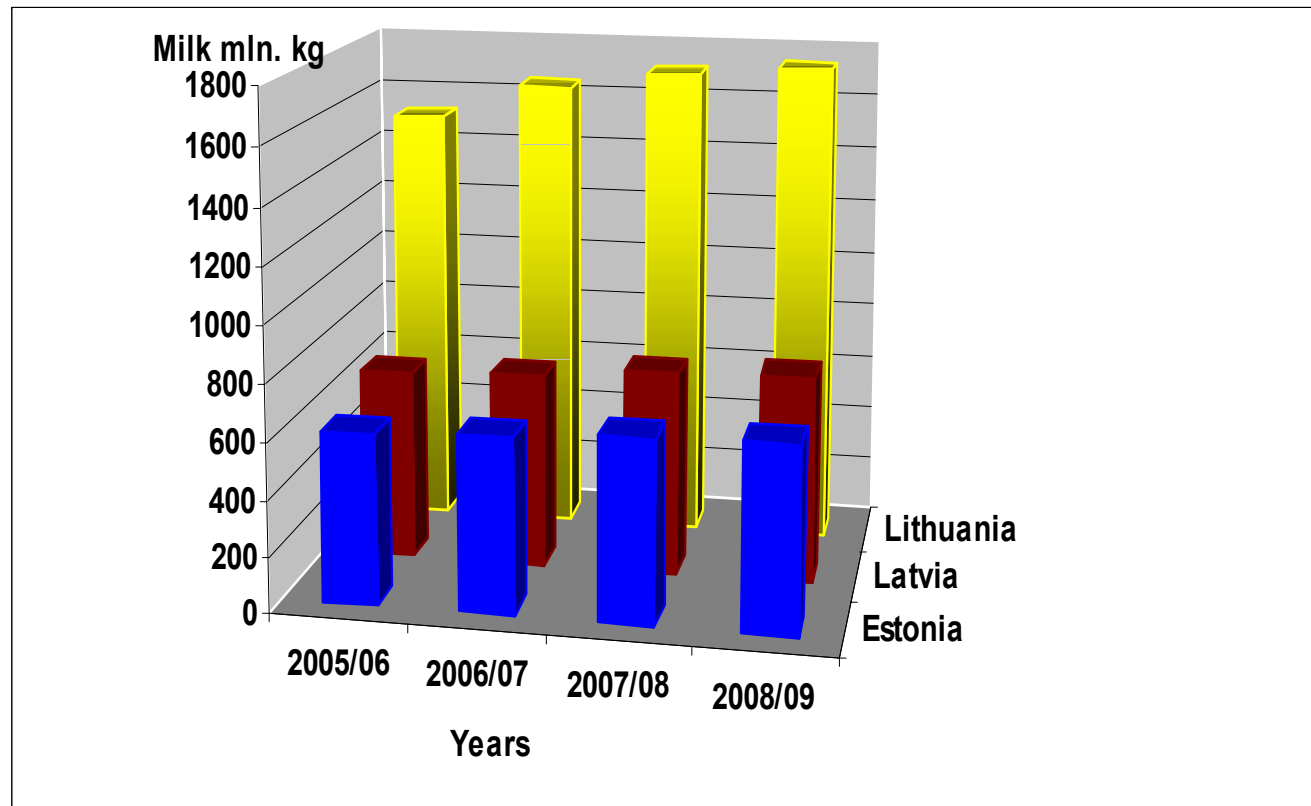
Different Dairy Cow Breeds



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Milk Quota in Baltic Countries



Milk quota and milk production deficit of the allocated quota per Baltic countries in 2006 -2007 was:

- Lithuania (-) 14,7%
- Latvia (-) 11,11%
- Estonia (-) 6,3%

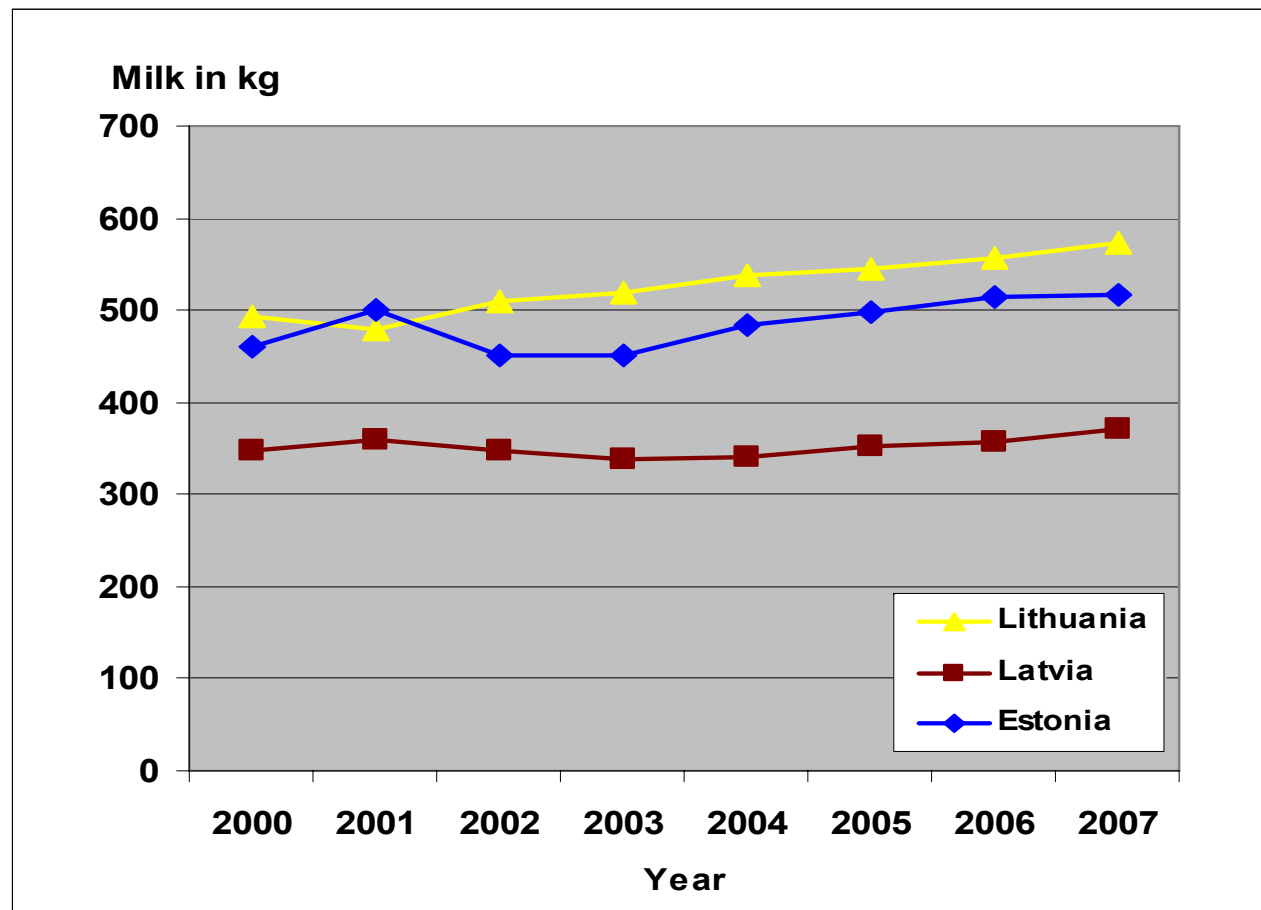
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Milk Production in 2000-2007 (kg per person)

Milk production per person has been increasing since 2000 in all three countries:

- Lithuania 14,11%
- Latvia 5,95%
- Estonia 10,85%



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Milk Recording Dairy Breeds in Baltic Countries in 2007

In milk recording participated of all dairy cow:

- Lithuania - 47,58%,
- Latvia - 69,37
- Estonia - 90,9 %.

The average cows number in milk recording herds:

- Lithuania – 17.
- Latvia – 13,
- Estonia – 75.



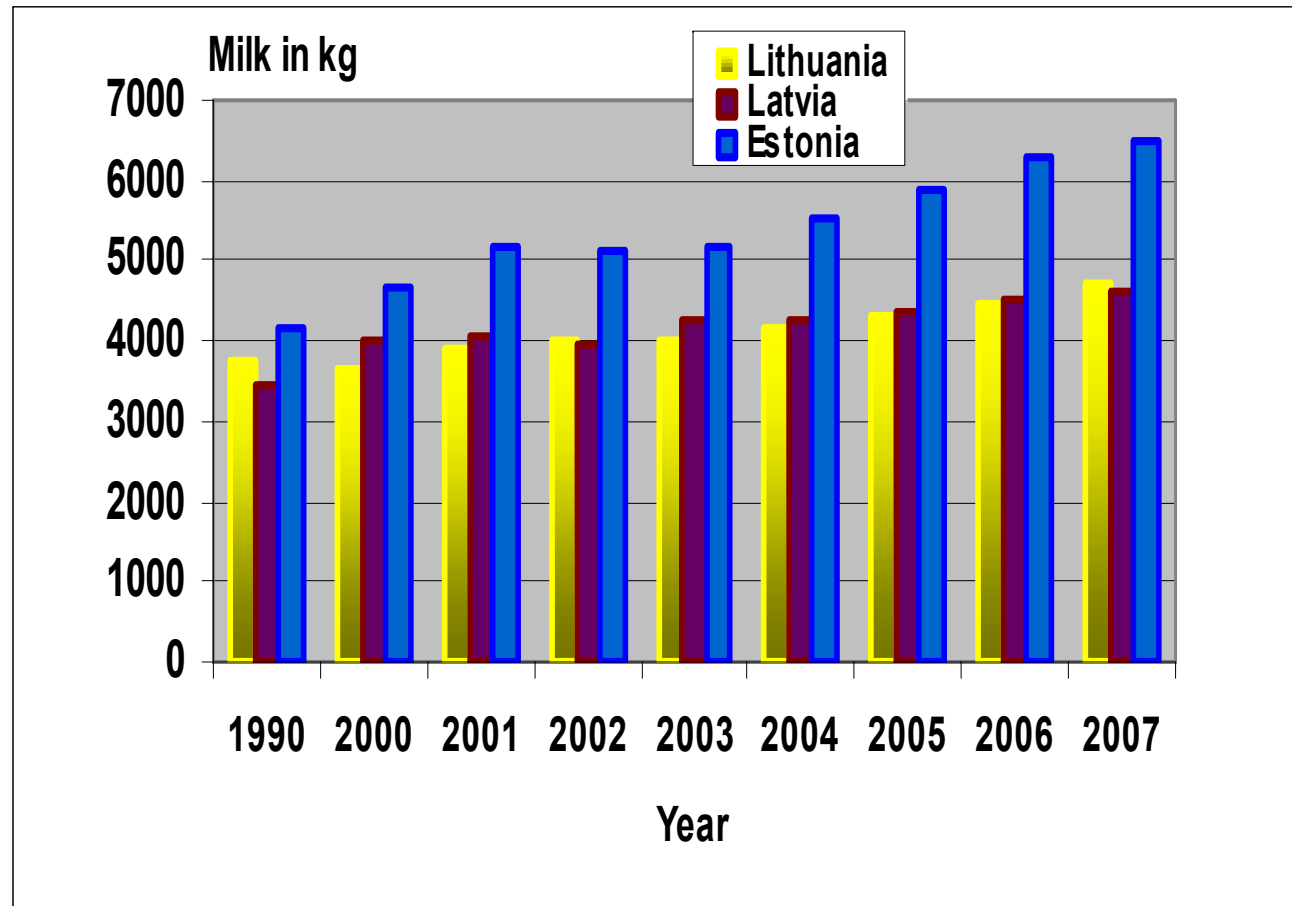
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Dairy Breeds Productivity

Dairy breeds
productivity increased
since 2000:

- Lithuania 17.35 %
- Latvia 13.65 %
- Estonia 28.13 %



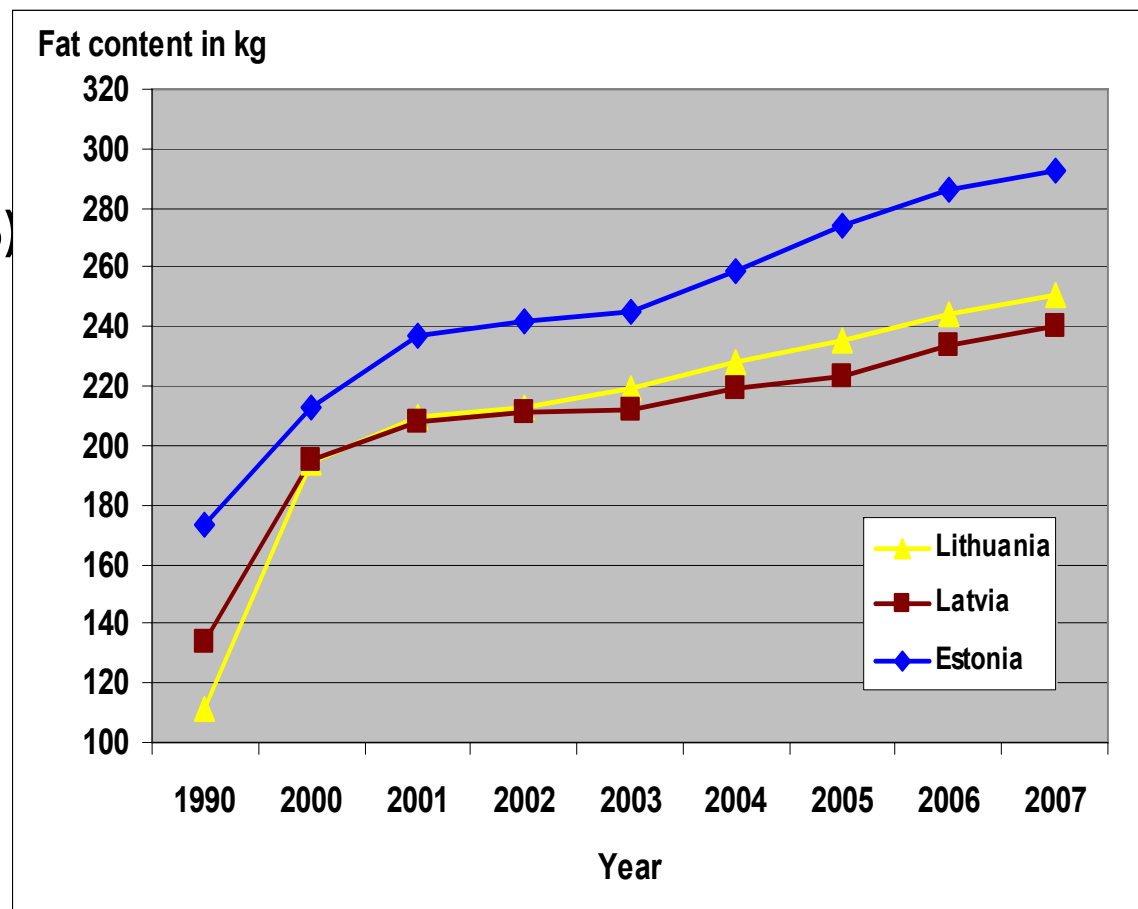
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Fat Content in Milk

Fat content in milk has increased since 2000:

- Lithuania 22,71 % (4,28 %)
- Latvia 18,75 % (4,37 %)
- Estonia 27,64 % (4,15 %)



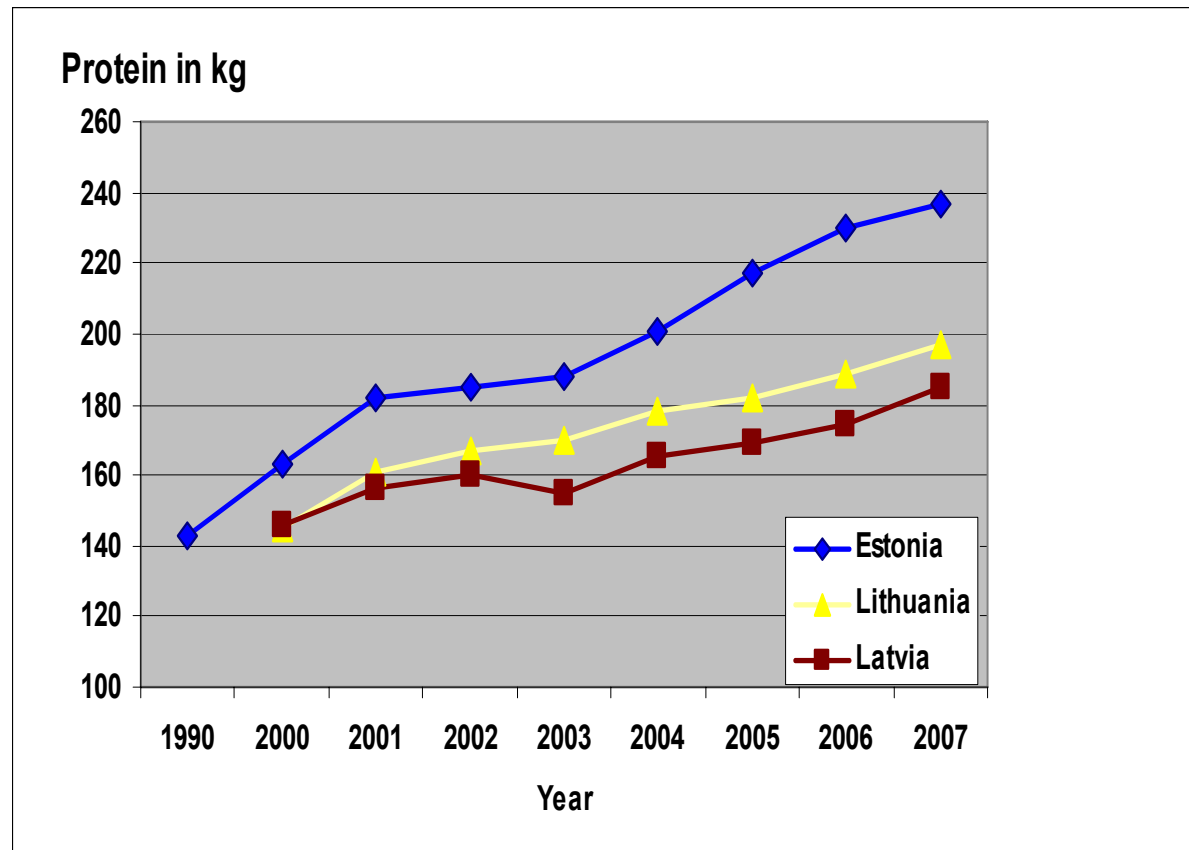
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Protein Content in Milk

Protein content in milk also has increased since 2000:

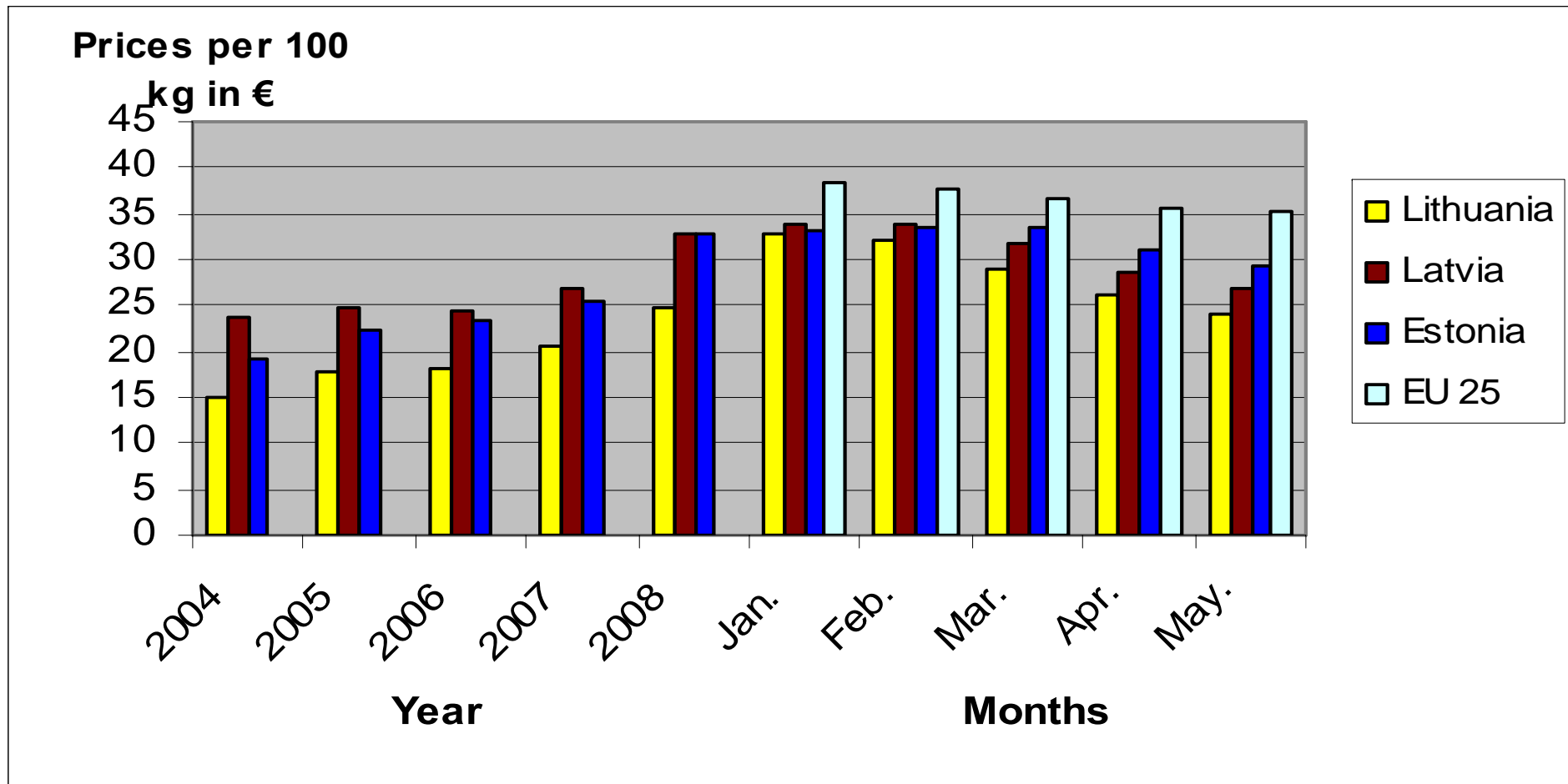
- Lithuania 26,39 % (3,36 %)
- Latvia 21,08 % (3,37 %)
- Estonia 40,29 % (3,36 %)



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Average Milk Prices (€ per 100 kg)



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Conclusions

- ✓ **The most developed dairy sector is in Estonia.**
- ✓ **Baltic dairy sector will continue to be export-driven.**
- ✓ **Although the number of dairy cows and farms is declining in all three Baltic countries, the milk production continues to grow.**
- ✓ **State has the biggest influence regarding breeding control in Latvia and Lithuania. Estonian Breeding Association has biggest independence from the state.**
- ✓ **Lithuania needs to become a member of INTERBULL.**