

Grazing livestock in Baltic countries and development paths of dairy farmers in Lithuania

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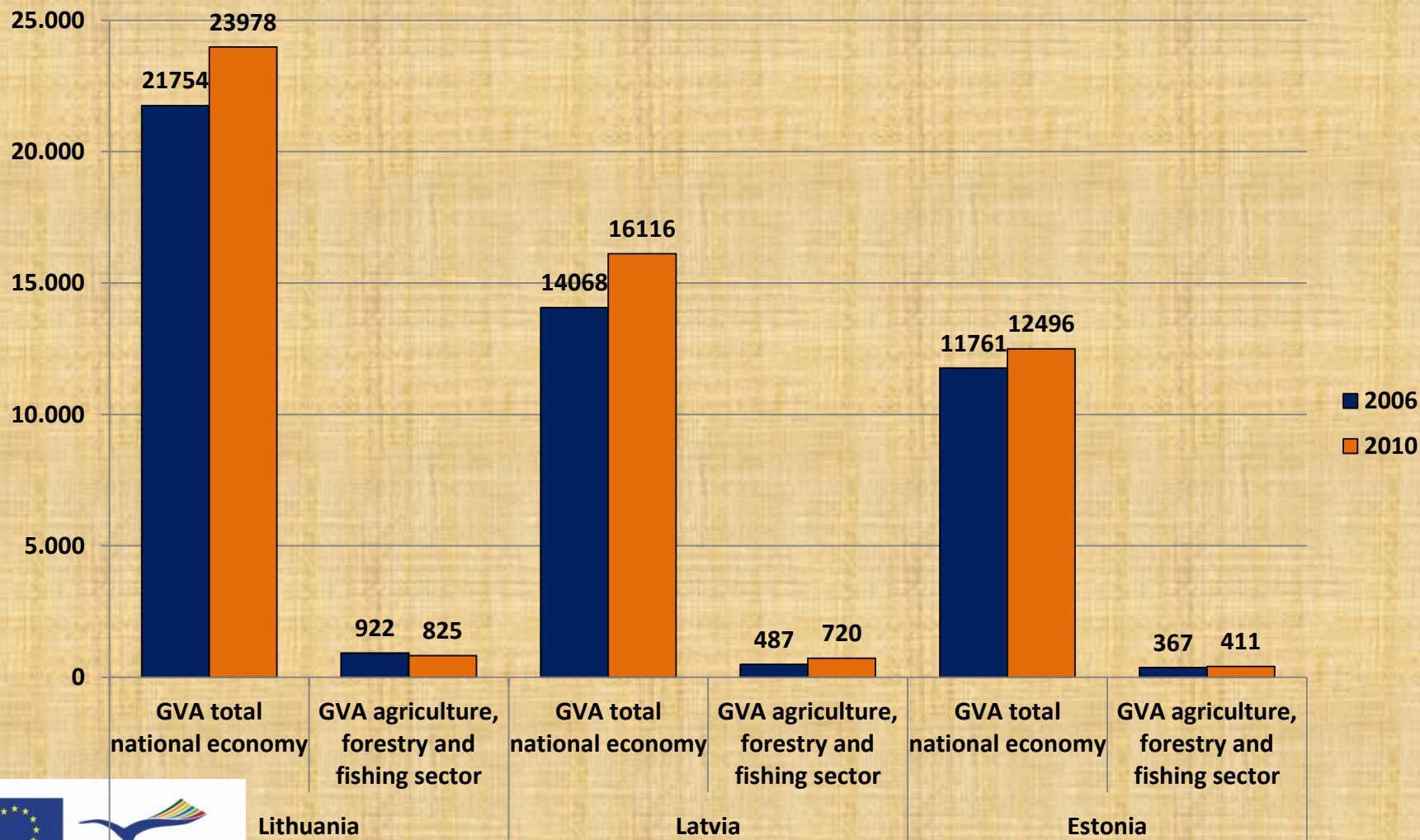
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Share of rural population and labor force in agriculture in Lithuania, Latvia, Estonia in 2010, in %

	Lithuania	Latvia	Estonia
Rural population of total population (total population in mill.)	33,0 (3,29)	32,3 (2,12)	30,5 (1,34)
Labor force in agriculture overall labor force	7,8	8,7	4,2

Gross value added in Lithuania, Latvia and Estonia in 2006 and 2010, mill EUR



Number of grazing livestock in Lithuania, Latvia, Estonia at the end of 2006 and 2010, thousand heads

	Lithuania		Latvia		Estonia	
	2010	2010 compared to 2006, %	2010	2010 compared to 2006, %	2010	2010 compared to 2006, %
Cattle – total	748,0	89	379,0	101	236,3	97
dairy cows	359,8	90	164,0	90	96,5	89
Sheep	58,5	160	77,0	188	78,6	125
Goats	16,0	77	13,0	93	4,1	124
Horses	44,7	73	12,0	86	6,8	139



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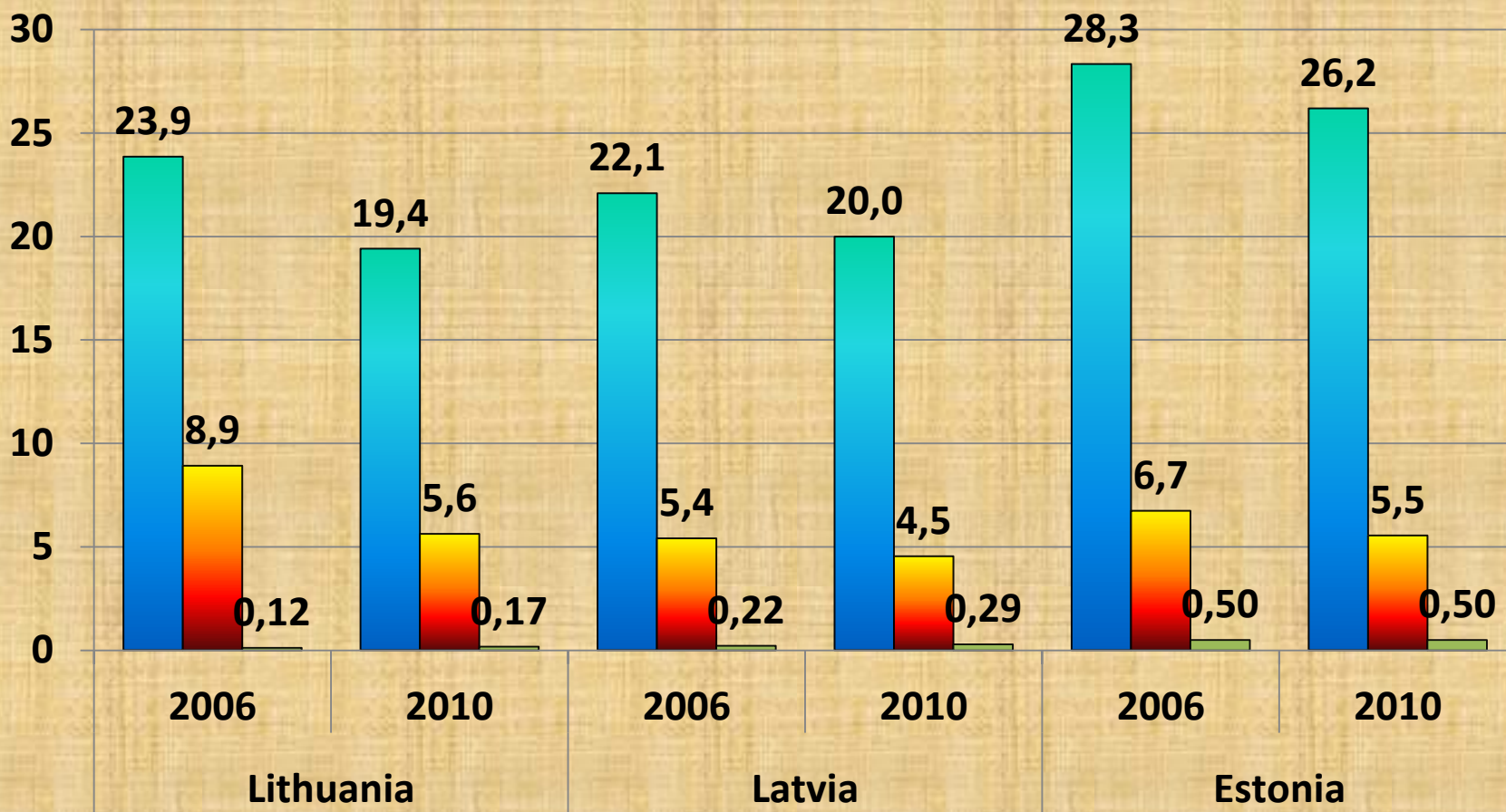
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Number of farms with beef/fattening animals in Lithuania at the beginning of 2011

		<10	10-50	51-100	101-200	>201	Total
Farms with livestock	Farms	24 793	1 215	109	49	15	26 181
	Number of animals, heads	50 701	22 966	7 471	6 584	4 591	92 313
<i>of which specialized beef/fattening farms</i>	<i>Farms</i>	<i>2 880</i>	<i>139</i>	<i>174</i>	<i>14</i>	<i>5</i>	<i>3 212</i>
	<i>Number of animals, heads</i>	<i>4 676</i>	<i>3 306</i>	<i>2 623</i>	<i>1 848</i>	<i>1 370</i>	<i>13 823</i>



Share of milk, beef, sheep and goats production in Gross Agricultural Output in Baltic countries in 2006 and 2010, in %



■ Milk
 ■ Beef
 ■ Sheep and goats

Number of dairy farms by the volume of milk quota in Baltic countries in 2010/2011 quota year, in %

Volume of milk quota, t	Lithuania	Latvia	Estonia
< 50	90,2	80,3	31,5
50 – 100	5,2	9,2	17,1
100– 200	2,7	5,4	16,0
200 – 400	1,1	2,8	10,7
400 – 600	0,3	0,8	4,6
> 600	0,5	1,5	20,1
	100,0	100,0	100,0
Total number of farms with milk quota, units	48 883	12 630	1 027
Total number of farms keeping dairy cows in 2010, units	85 016	30 053	3 520

Few indicators about dairy farms in Baltic countries in 2010

	Lithuania		Latvia		Estonia	
	2010	<i>2010 compared to 2006, %</i>	2010	<i>2010 compared to 2006, %</i>	2010	<i>2010 compared to 2006, %</i>
Milk yield per cow in controlled herds, kg	6209	111	5987	113	7021	112
Total milk production, thous. t	1736,5	92	834,5	102	676,0	98
Avg. milk purchase price (3,7% fat content), Eur/100kg	21,59	120	25,11	107	27,74	114

Number of cooperatives and processing companies in Baltic countries in 2010

	Lithuania	Latvia	Estonia
Number of agricultural cooperatives	230	n.d.	257
Number of cooperatives or associations buying milk	44	37	29
Number of milk processing companies / dairies	33	31*	42*

Characterization of surveyed Lithuanian farms

total number 339

	Structure in %	Avg. farm size, ha (<i>rented</i>)	Avg. farmer age, years	Avg. number of dairy cows, heads	Avg. number of family members in FTE	Avg. number of employee s in FTE
A specialized dairy farm	69	75 (54%)	46	28	2,0	0,9
A specialized large scale dairy farm with personnel	10	228 (57%)	47	94	2,2	5,5
An agricultural diversified farm	15	153 (60%)	44	33	2,1	1,9
A dairy farm with other non-agricultural activities	1	32 (78%)	41	7	1,3	1,3
Other (or no answer)	5	94 (37%)	47	20	1,6	0,6

Development paths of surveyed Lithuanian, Polish and Slovenian dairy farmers, in %

	Lithuania	Poland	Slovenia
Specializing growers	43	46	31
Down- scalers	19	10	10
Independent Diversifiers	16	4	13
Cooperate among farmers	8	15	15
New starters	7	5	6
Cooperate in the chain	4	19	14
Cooperating diversifiers	3	1	12

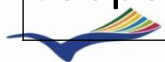


Lithuanian farms characteristics according to their chosen development paths

	Specializing growers	Downscalers	Independent diversifiers	Cooperate among farmers	New starters	Cooperate in chain	Cooperating diversifiers	TOTAL
Quota size, t	195	177	164	224	126	234	203	186
Milk yield per cow, kg	5494	5195	5664	5714	5469	5576	5382	5480
Apply pasturing in summer, %	93	97	89	93	100	85	100	94

Part of total Lithuanian farmers income which comes from the dairy cows, in %

	Less than 25%	25-49%	50-74%	75-100%
Specializing growers	1	4	21	74
Downscalers	8	14	37	41
Independent diversifiers	8	12	28	53
Cooperate among farmers	0	7	29	64
New starters	0	6	39	56
Cooperate in the chain	0	15	31	54
Cooperating diversifiers	20	10	30	40



Conclusions

- Number of grazing livestock in Lithuania decreased 9,5% during 2006-2010. In Latvia it increased 2,7%, in Estonia this number stay almost the same.
- Share of milk, sheep and goats production in Gross Agricultural Output was biggest in Estonia, beef production – in Lithuania in 2006 and 2010.
- In 2010, in Lithuania 58% of cows keepers had milk quota, in Latvia – 42%, in Estonia – 29%. In Lithuania and Latvia most number (more than 90%) of farmers had less than 100 t of quota.
- According to survey data, on average, specialized dairy farmer in Lithuania was 46 years old, had 28 dairy cows, 75 ha of land (54% of it was rented), worked with one of his family member and had one employee.
- 43% of surveyed Lithuanian farmers chosen further specialization and expanding strategies for the next years.

Thank you for your attention!

