

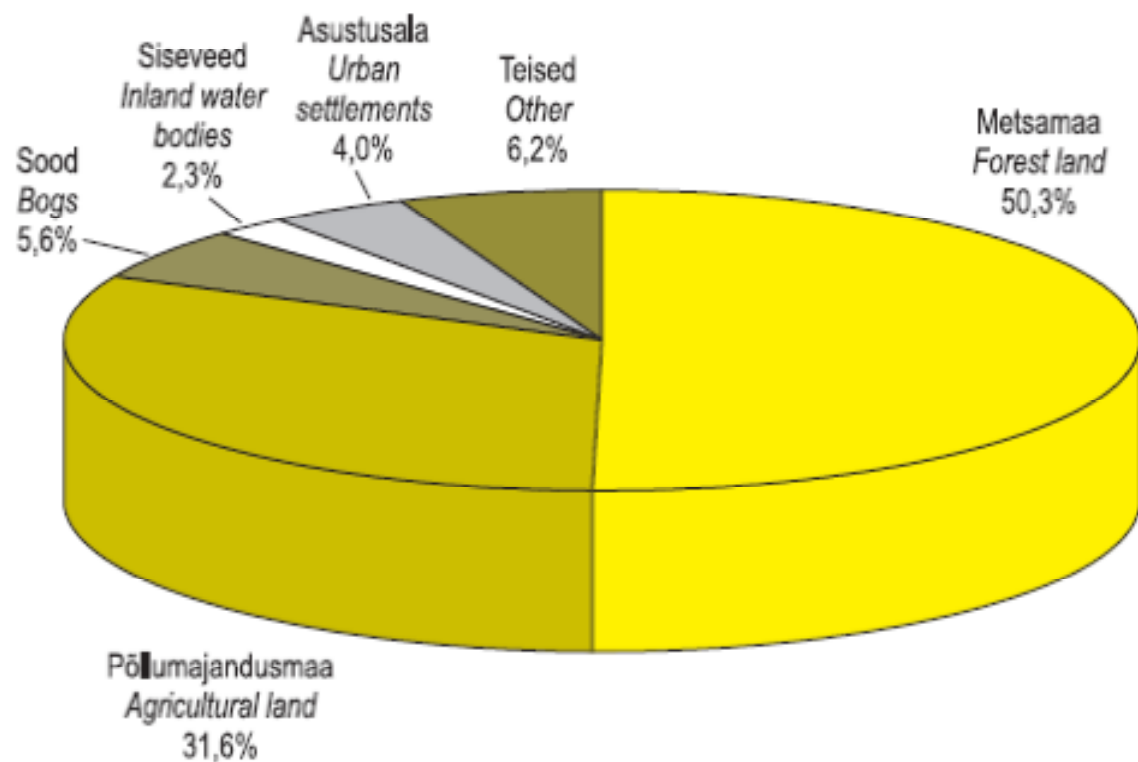


Some aspects of forest regeneration in Estonia

Marek Metslaid

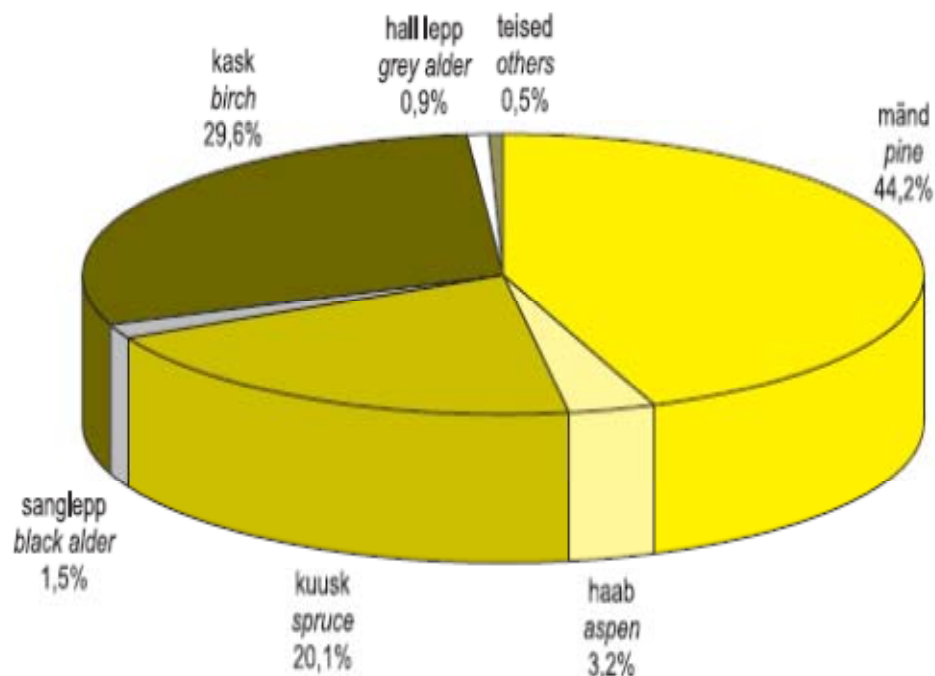
December 13-14, 2011 Uppsala

Total area of Estonia by land categories

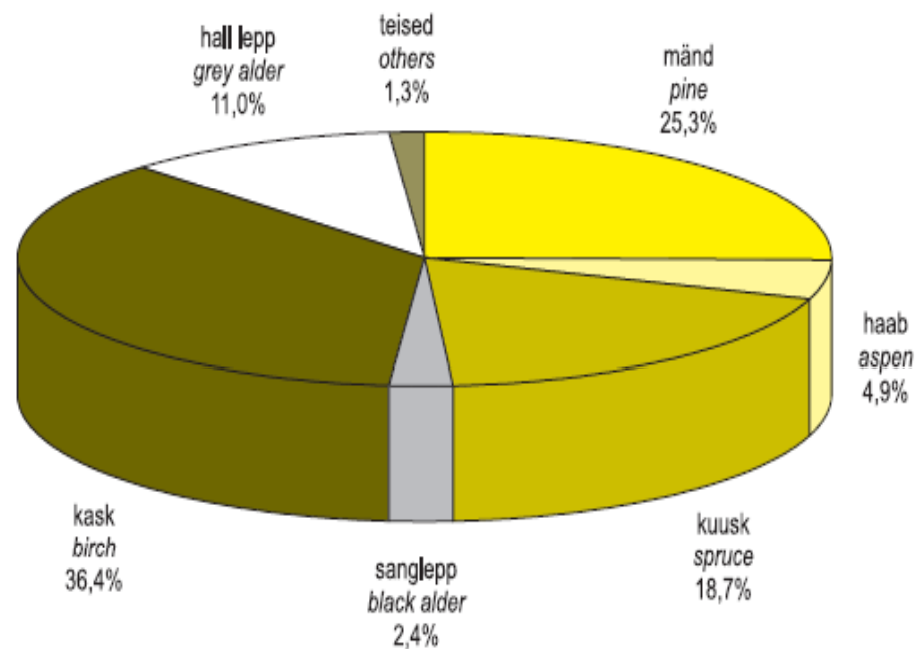


Distribution of forest land area by tree species

State forest

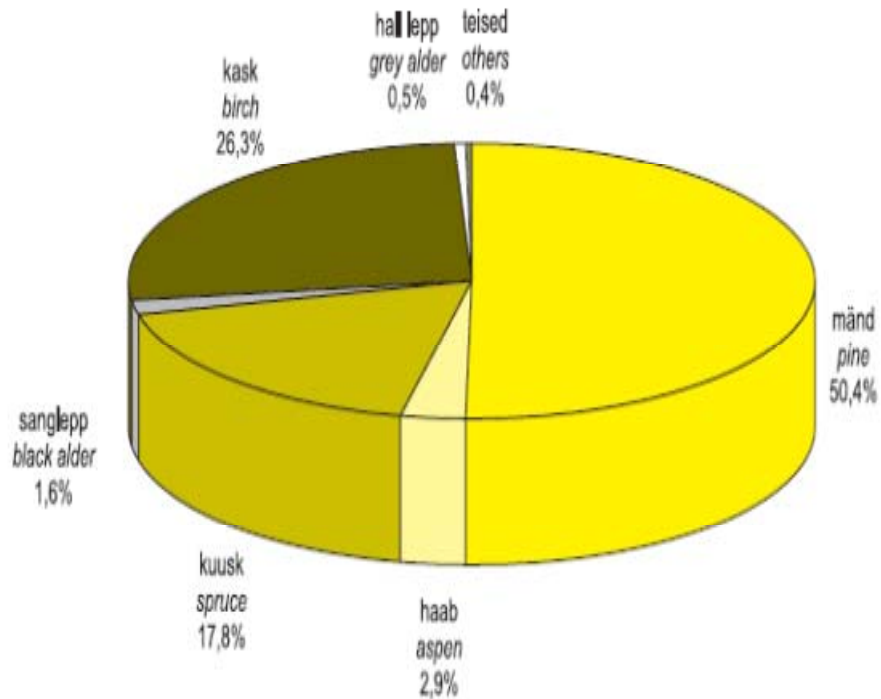


Private forest

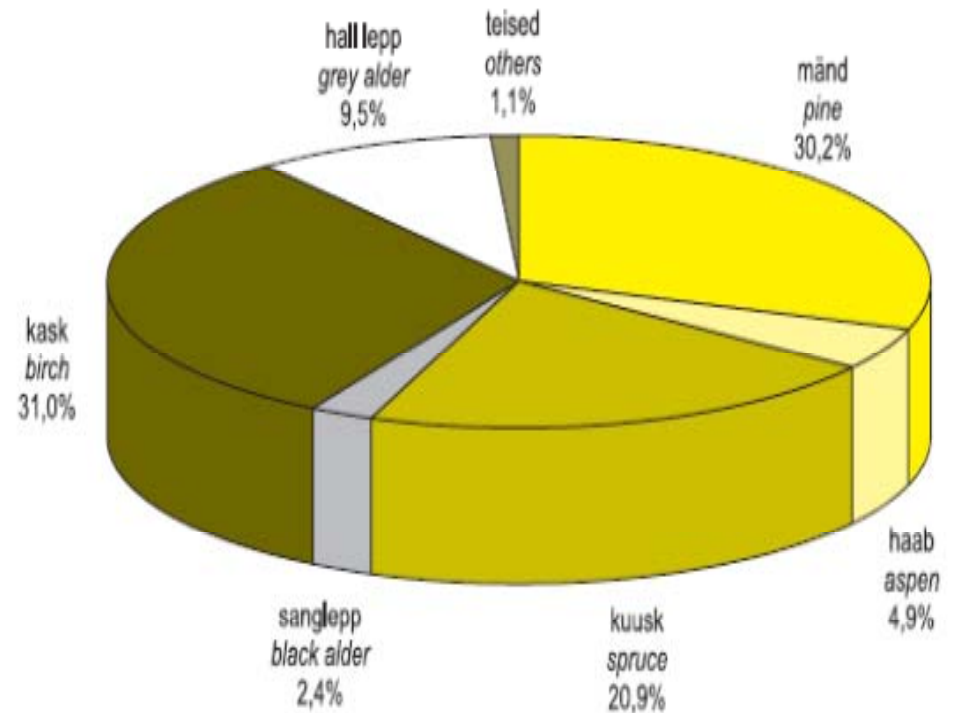


Distribution of growing stock by tree species

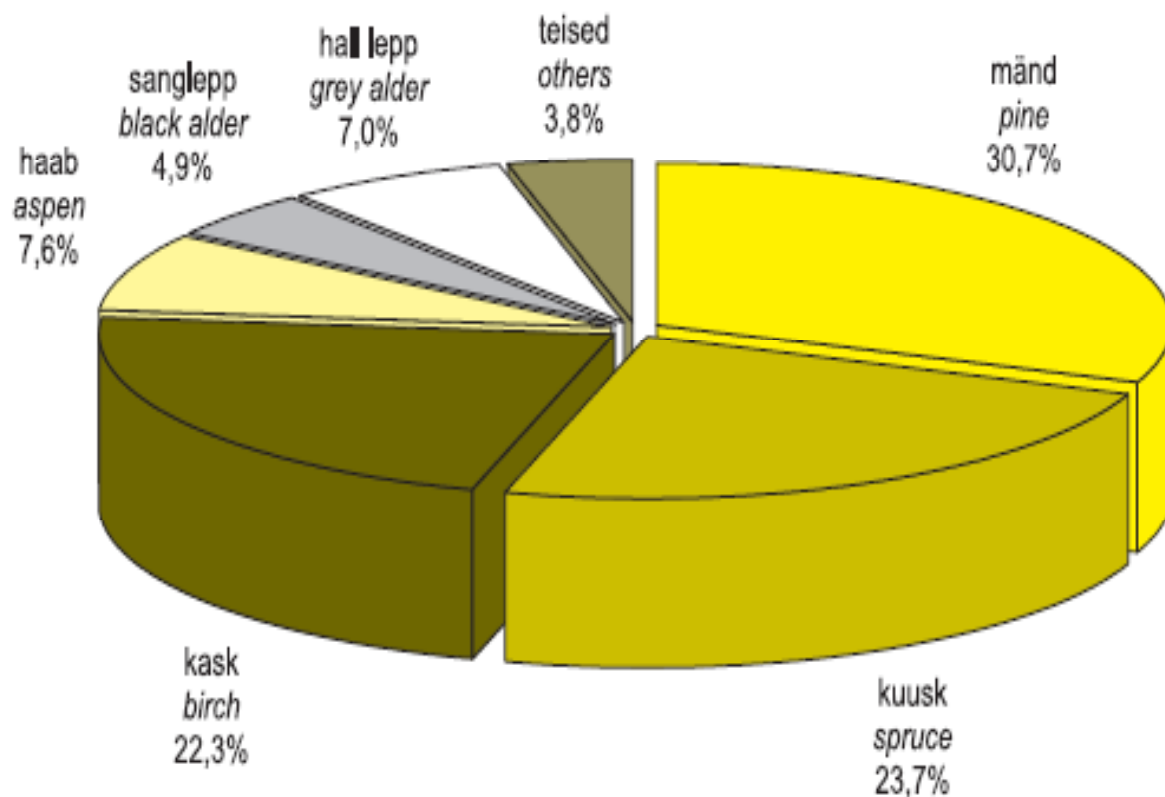
State forest



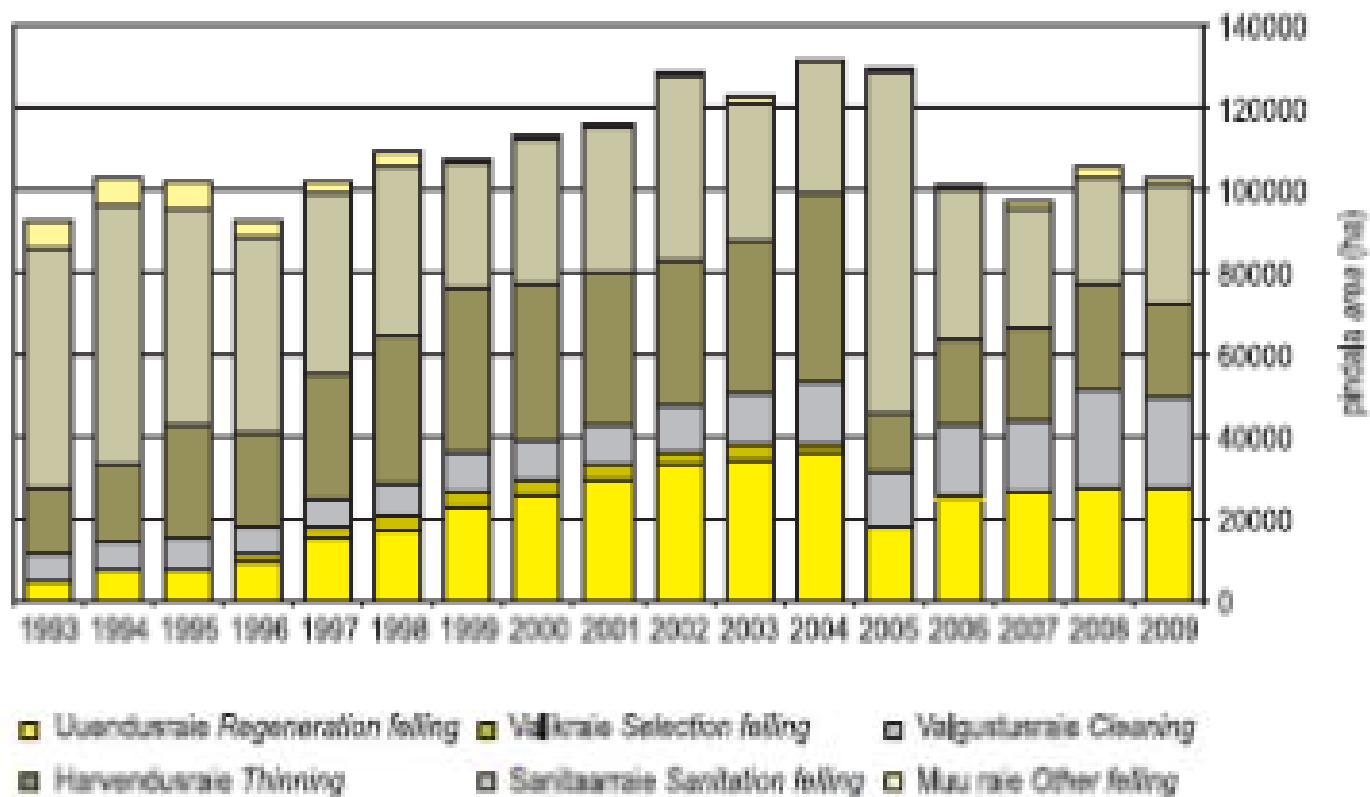
Private forest



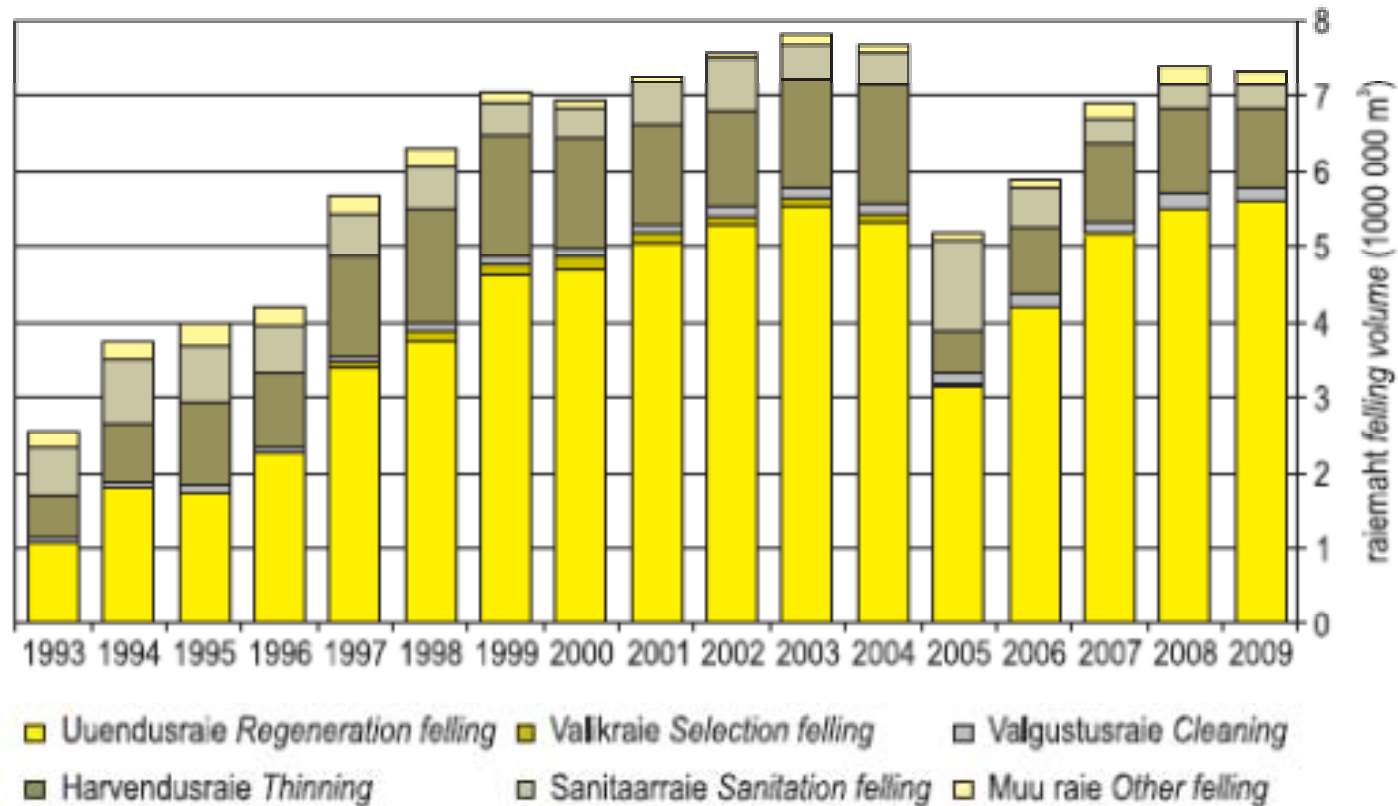
Distribution of growing stock by tree species



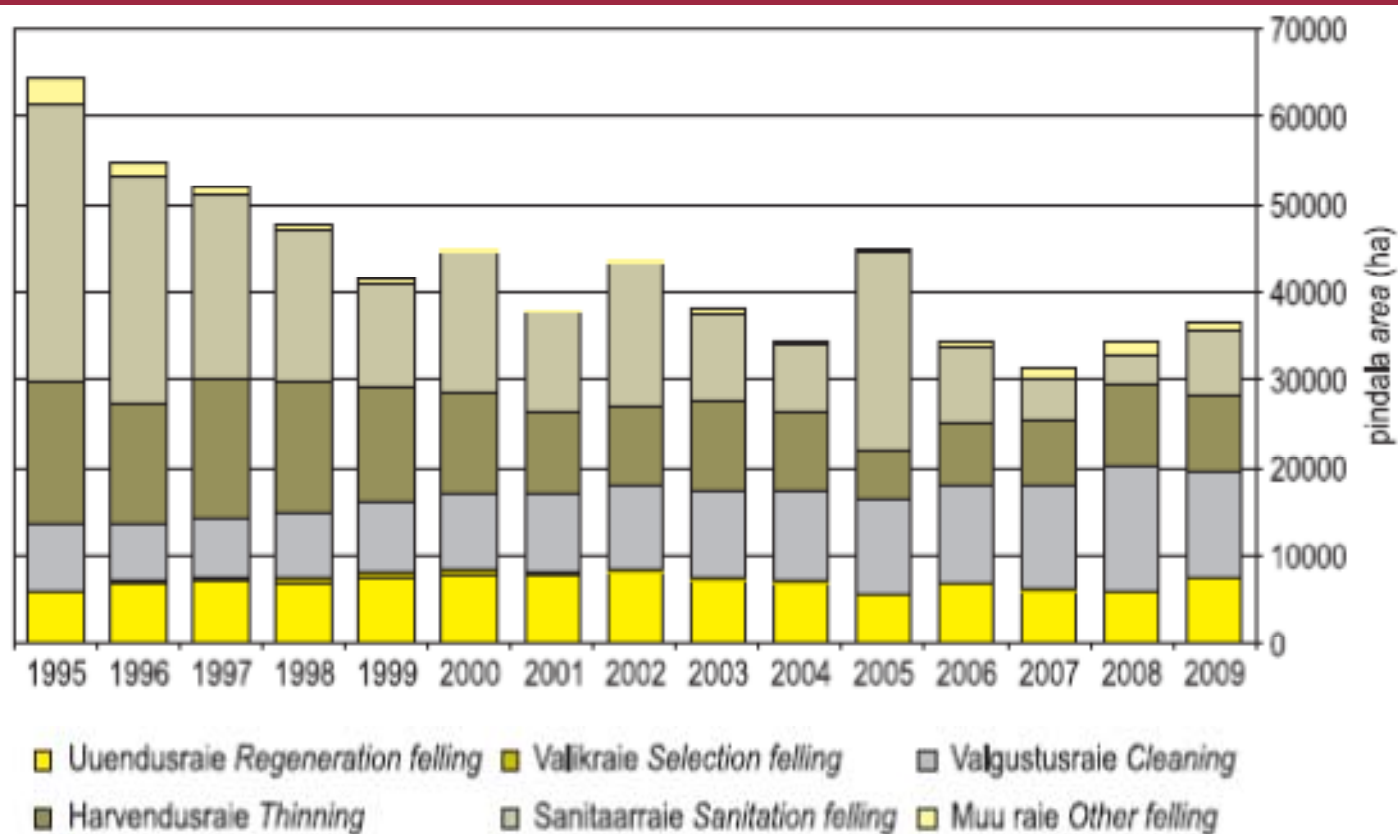
Felling area by felling types in 1993-2009



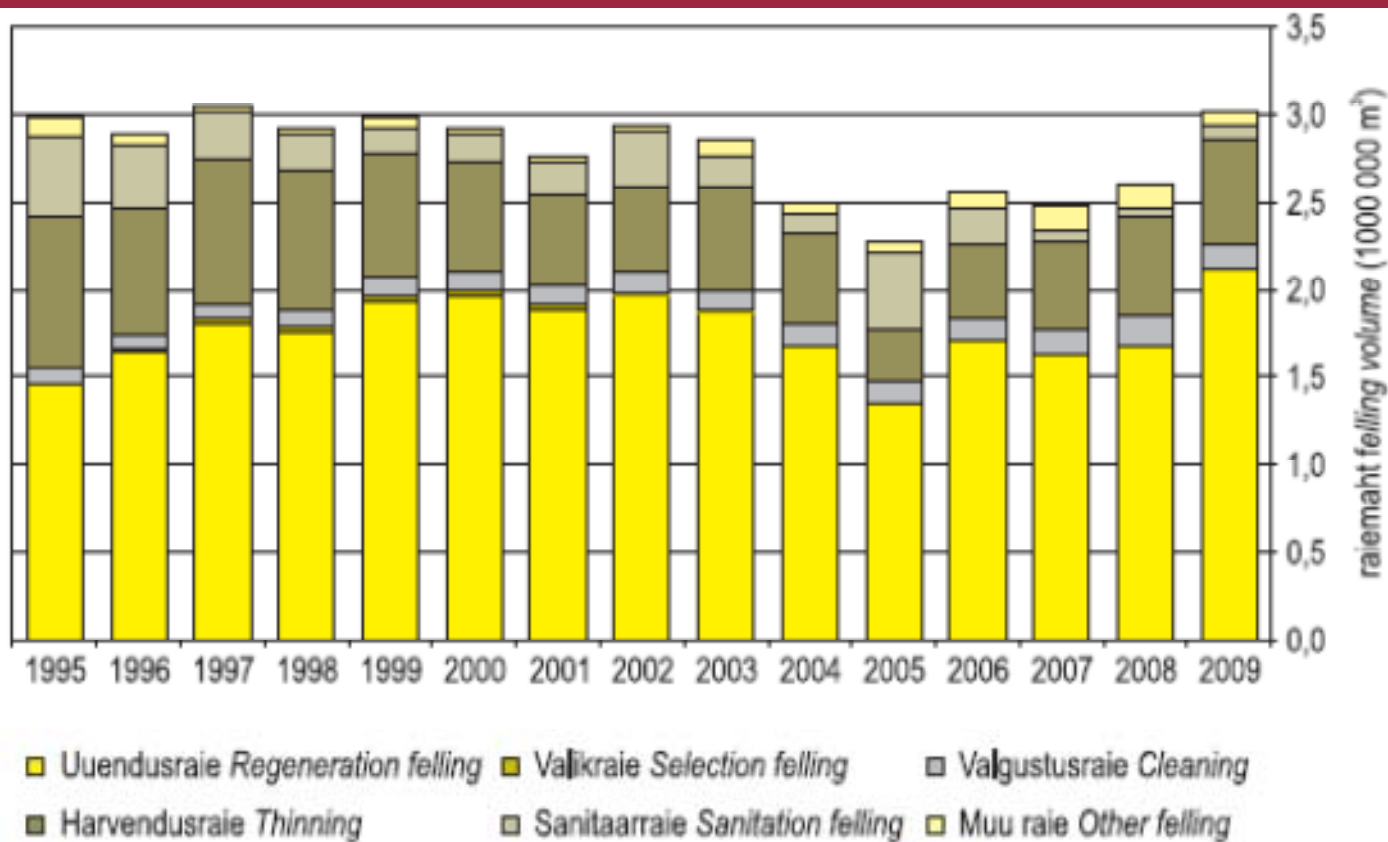
Felling volume by felling types in 1993-2009



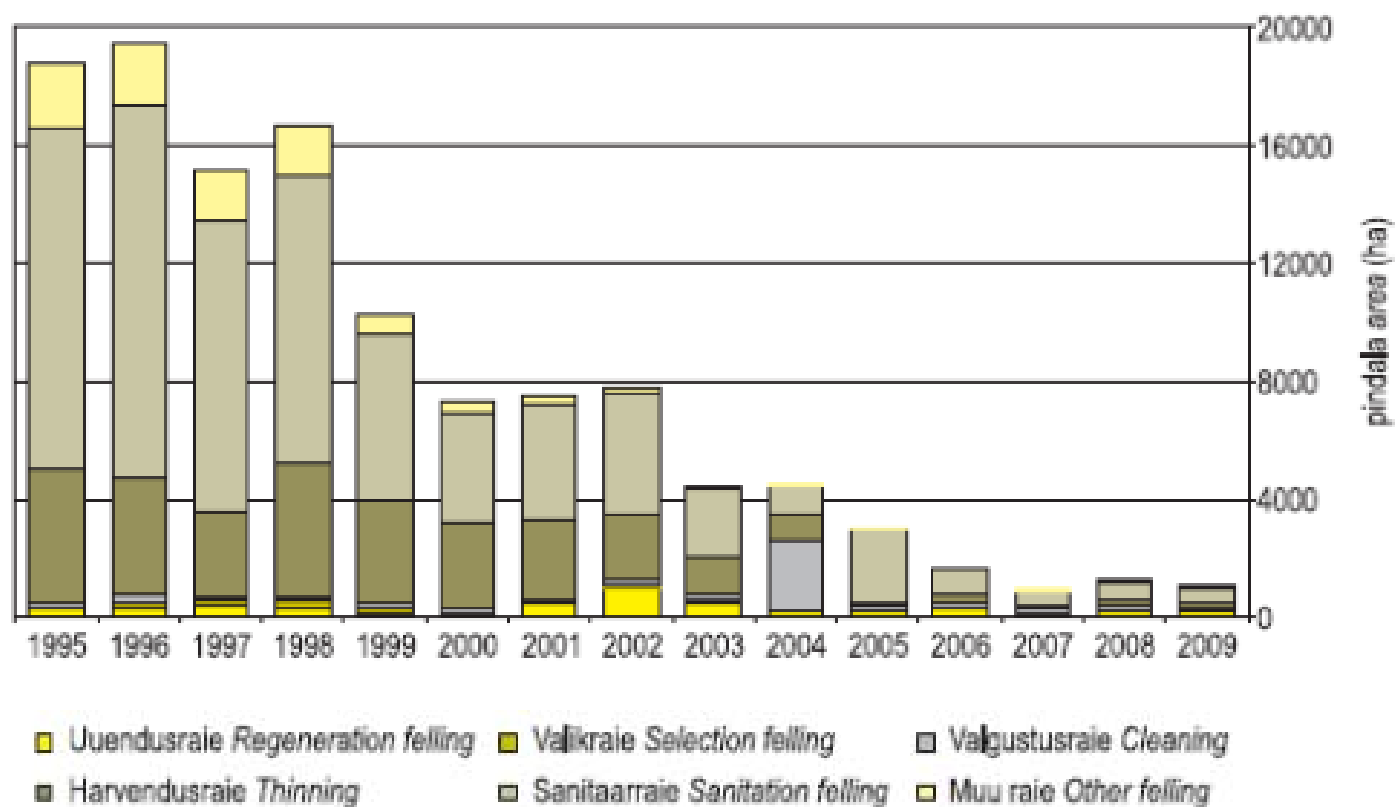
Felling volume by felling types in state forest in 1995-2009



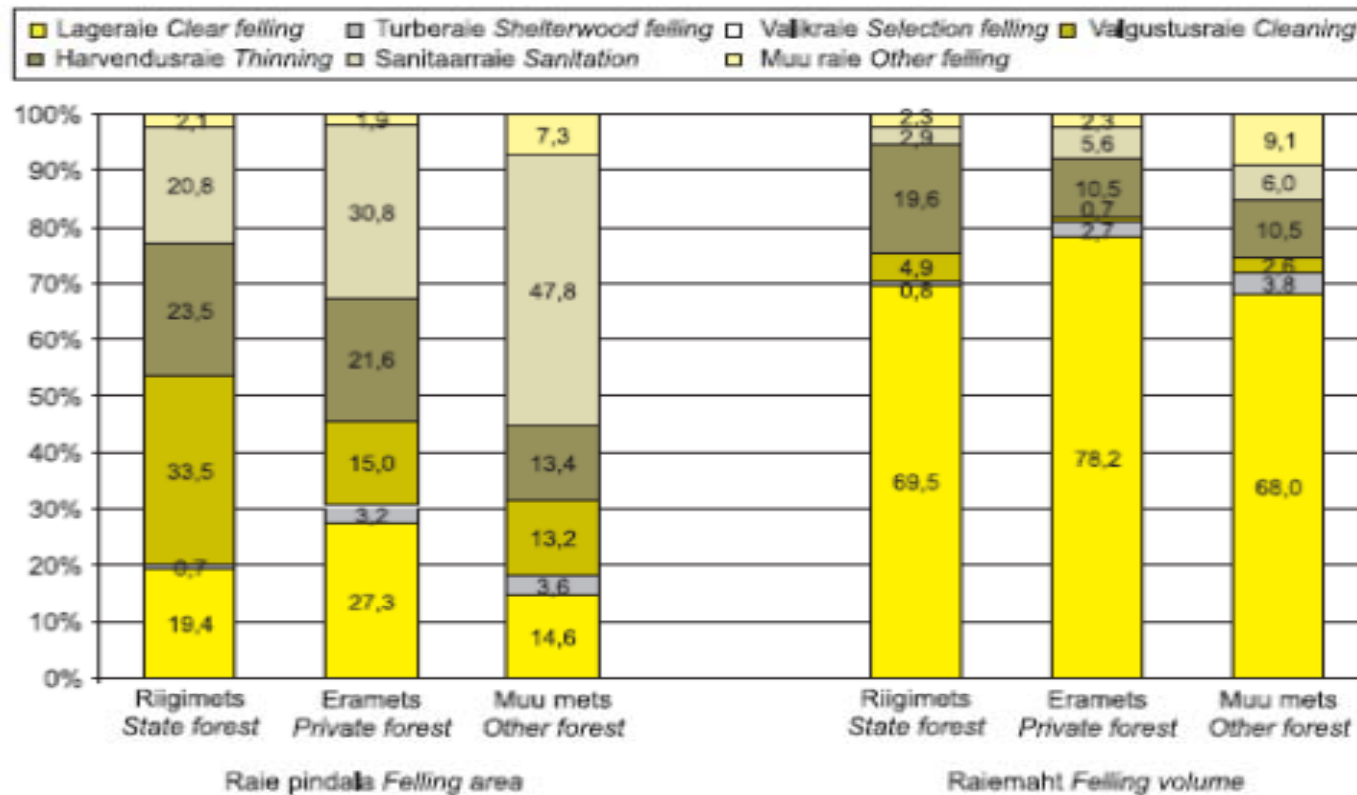
Felling volume by felling types in private forest in 1995-2009



Felling volume by felling types in other forest in 1995-2009



Share of felling types from total felling area and felling volume by ownership categories in 2009

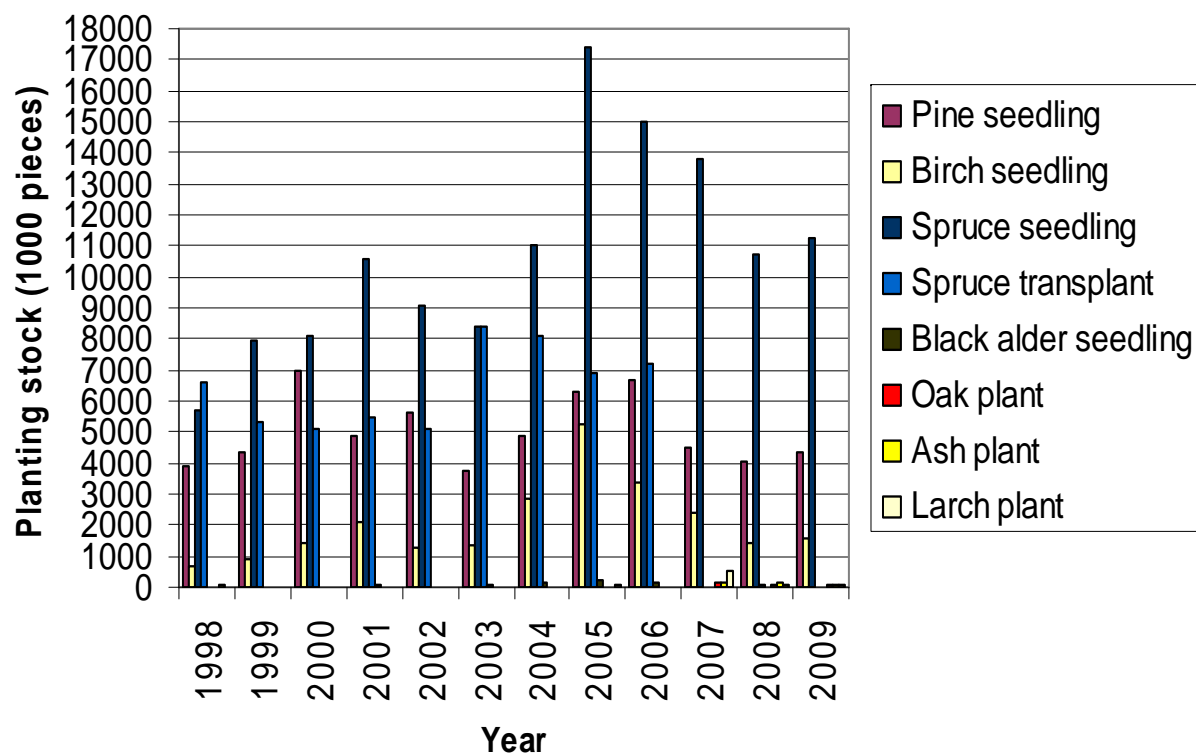


Tree nurseries

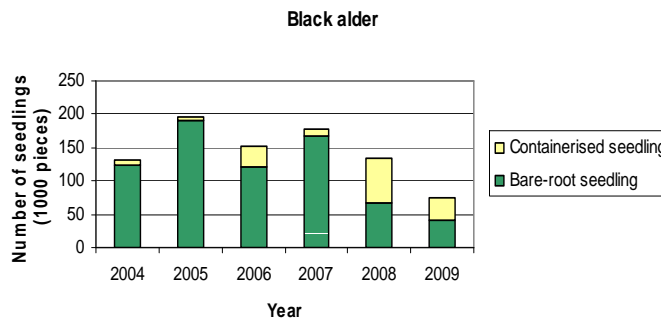
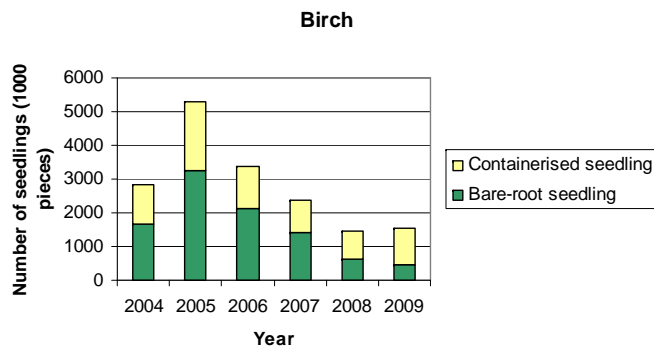
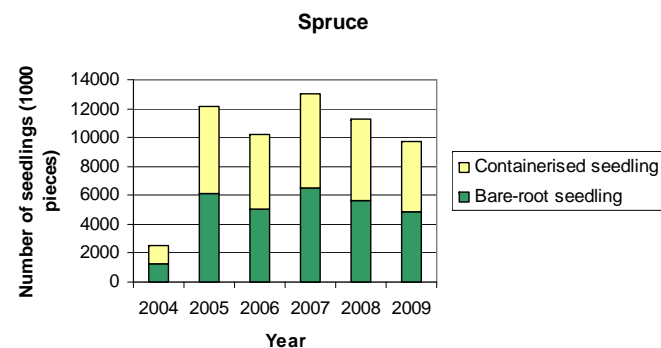
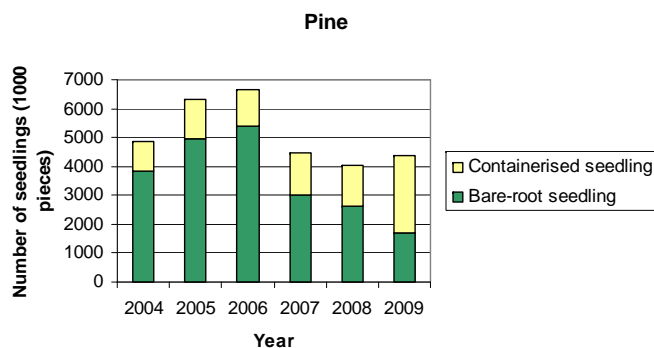
Year	Number of forest nurseries	Number of producers	Total area (ha)	Area of greenhouses (m ²)
2002	144	66	259.1	27 652
2003	133	71	265.3	28 159
2004	144	104	81.8*	40 428
2005	164	129	85.9*	55 206
2006	157	140	97.4	51 814
2007	131	115	85.9	63 763
2008	103	82	68.7	64 595
2009	84	77	59.0	39 048

*Production area – without fallow

Planting stock produced in forest nurseries in 1998-2009



Containerised seedlings vs. Bare-root seedlings



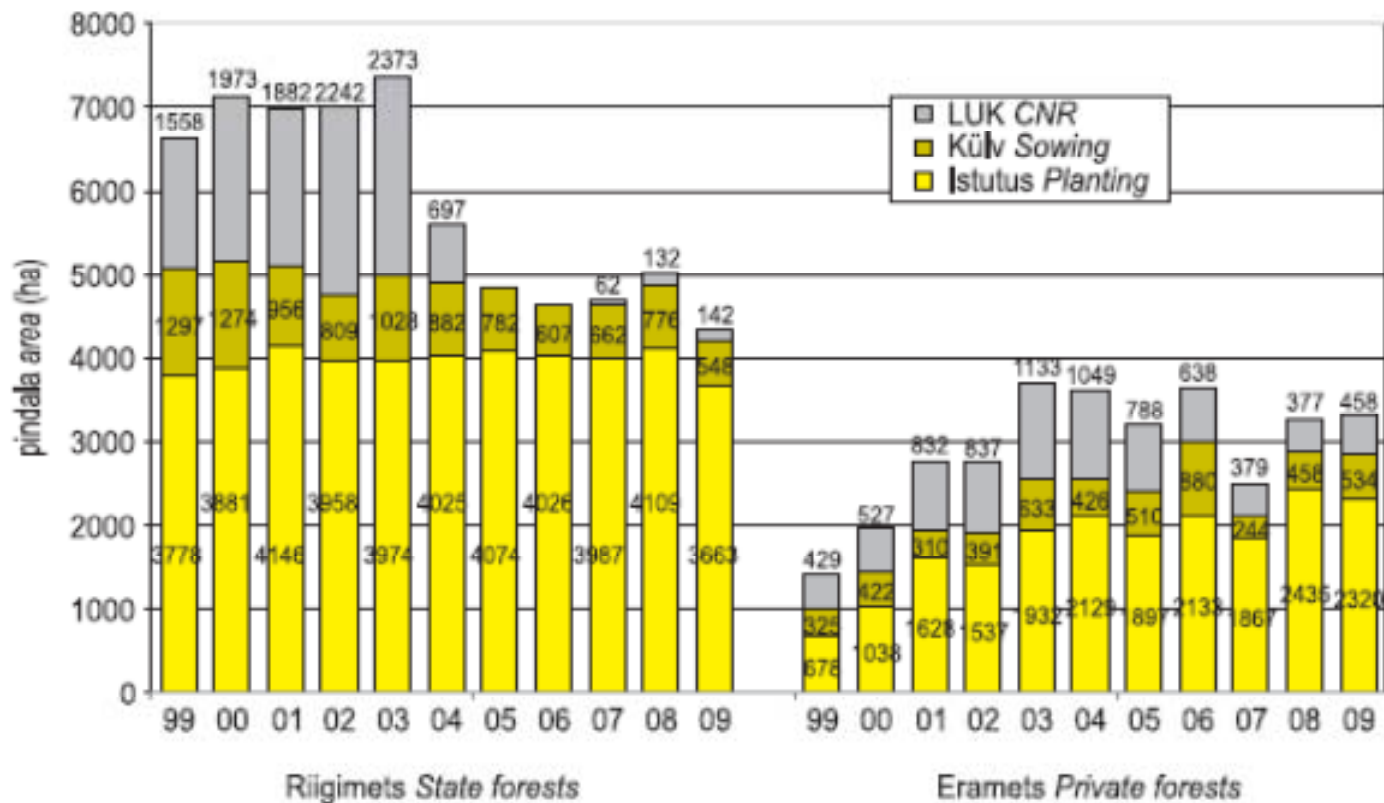
Foreign trade with forest reproductive material in 2009

		Import			
Riik State	Liik Species	Kogus Amount			
		Taimi Plants (1000 tk 1000 piece)	Seemet Seed (kg)		
Soome	<i>Finland</i>	Harilik kuusk	<i>Norway spruce</i>	700,0	0,5
Leedu	<i>Lithuania</i>	Harilik kuusk	<i>Norway spruce</i>	9,0	30,0
Läti	<i>Latvia</i>	Harilik kuusk	<i>Norway spruce</i>	100,0	
Rootsi	<i>Sweden</i>	Harilik kuusk	<i>Norway spruce</i>		2,5
Valgevene	<i>Belarus</i>	Harilik kuusk	<i>Norway spruce</i>		3,0
Kokku Total				809,0	36,0
		Eksport Export			
Soome	<i>Finland</i>	Harilik kuusk	<i>Norway spruce</i>	2 089,1	
Rootsi	<i>Sweden</i>	Harilik kuusk	<i>Norway spruce</i>	1 330,1	
Soome	<i>Finland</i>	Hübriidhaab	<i>Hybrid aspen</i>	10,6	
Rootsi	<i>Sweden</i>	Hübriidhaab	<i>Hybrid aspen</i>	406,7	
Rootsi	<i>Sweden</i>	Arukask	<i>Silver Birch</i>	74,2	
Rootsi	<i>Sweden</i>	Sanglepp	<i>Black Alder</i>	36,0	
Rootsi	<i>Sweden</i>	Hübriidlehis	<i>Hybrid larch</i>	23,4	
Soome	<i>Finland</i>	Maarjakask	<i>Curly Birch</i>	3,5	
Rootsi	<i>Sweden</i>	Maarjakask	<i>Curly Birch</i>	0,2	
Kokku Total				3 973,8	

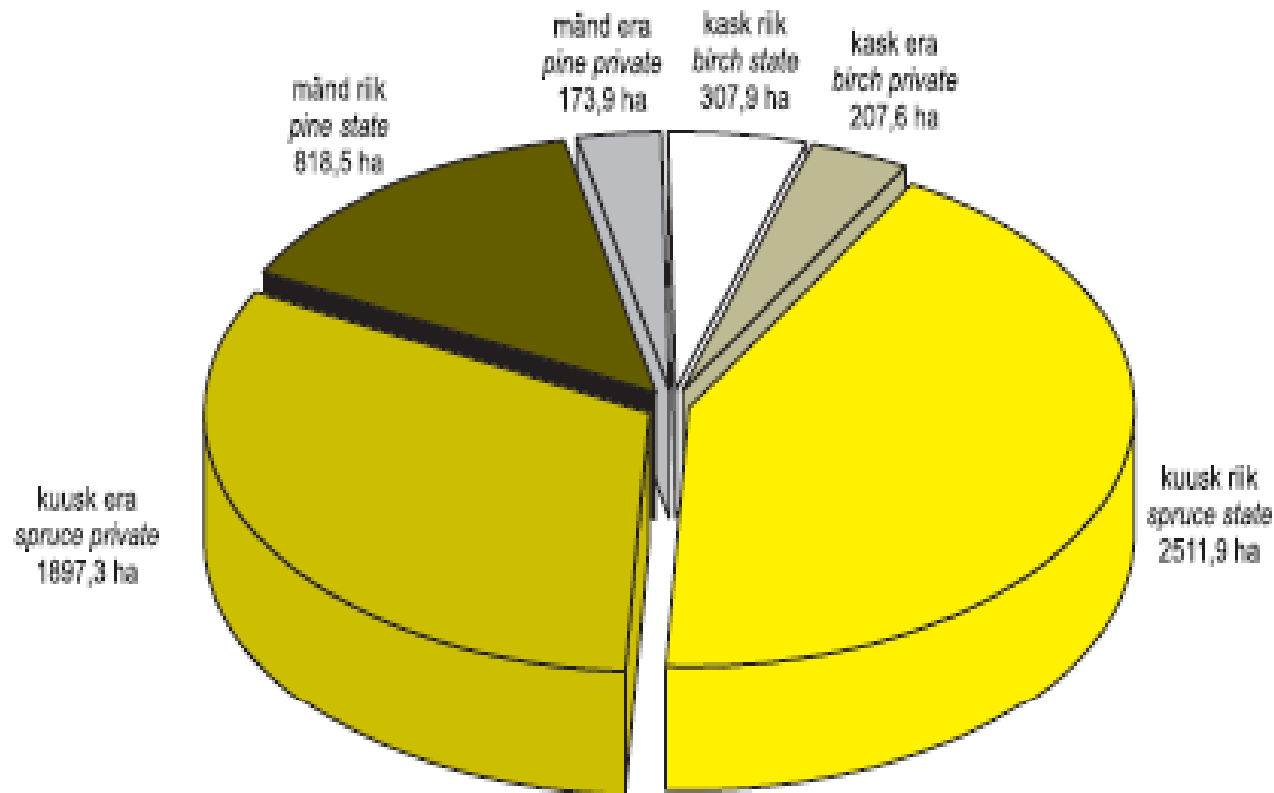
Allikas: Keskkonnaamet

Source: Environmental Board

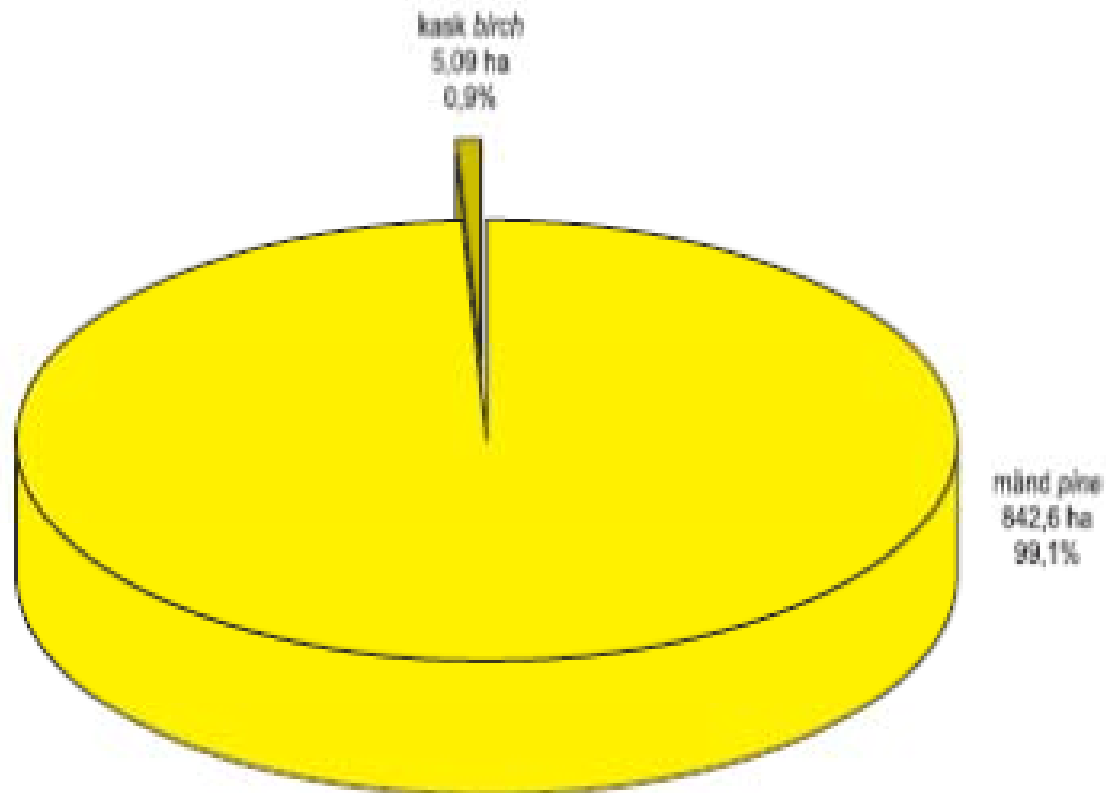
Forest regeneration in state and private forests in 1999-2009



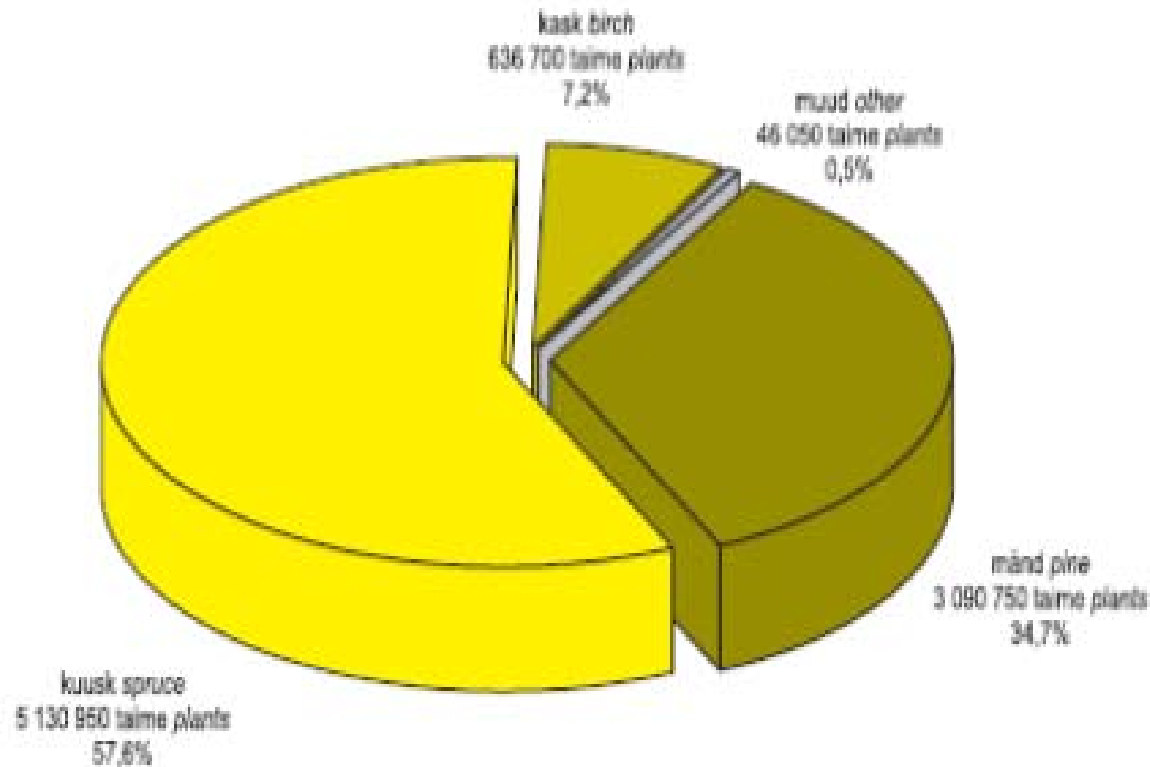
Planting of different tree species in state and private forest by area in 2009



Sowing of different tree species in state forest by area in 2009



Planting of different tree species in state forest by number of plants in 2009





THANK YOU!