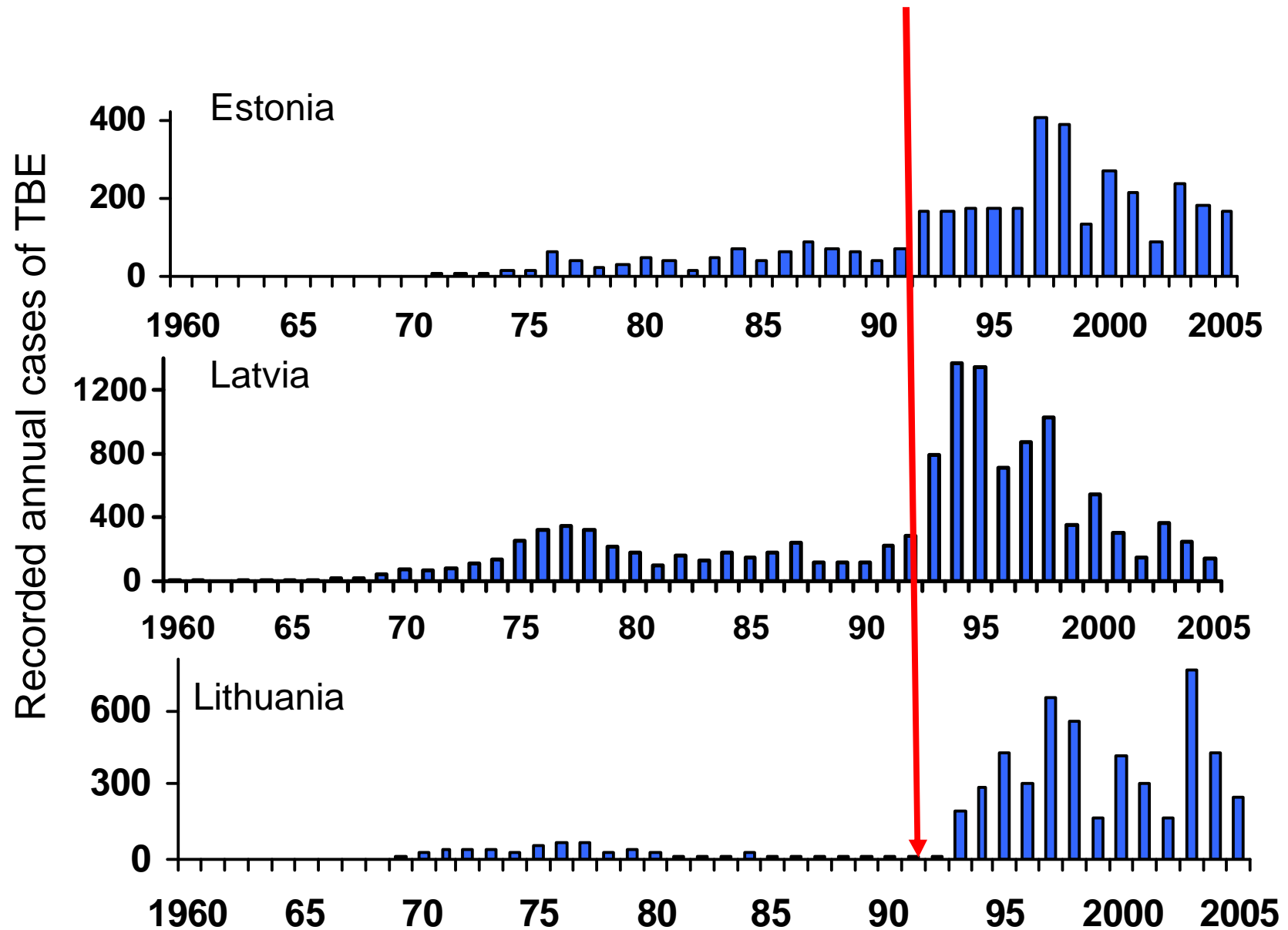
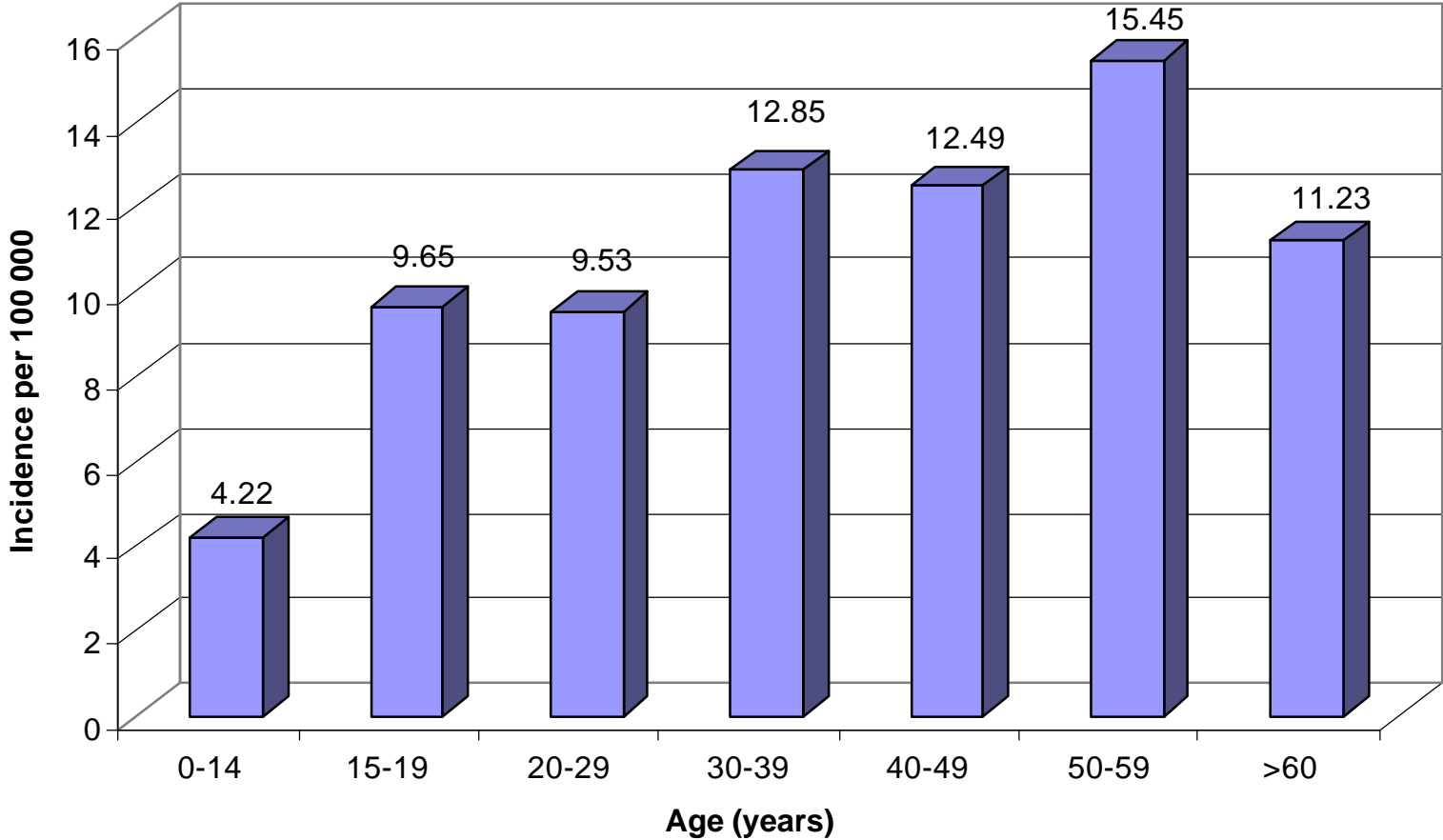


Aukse Mickiene
Lithuania

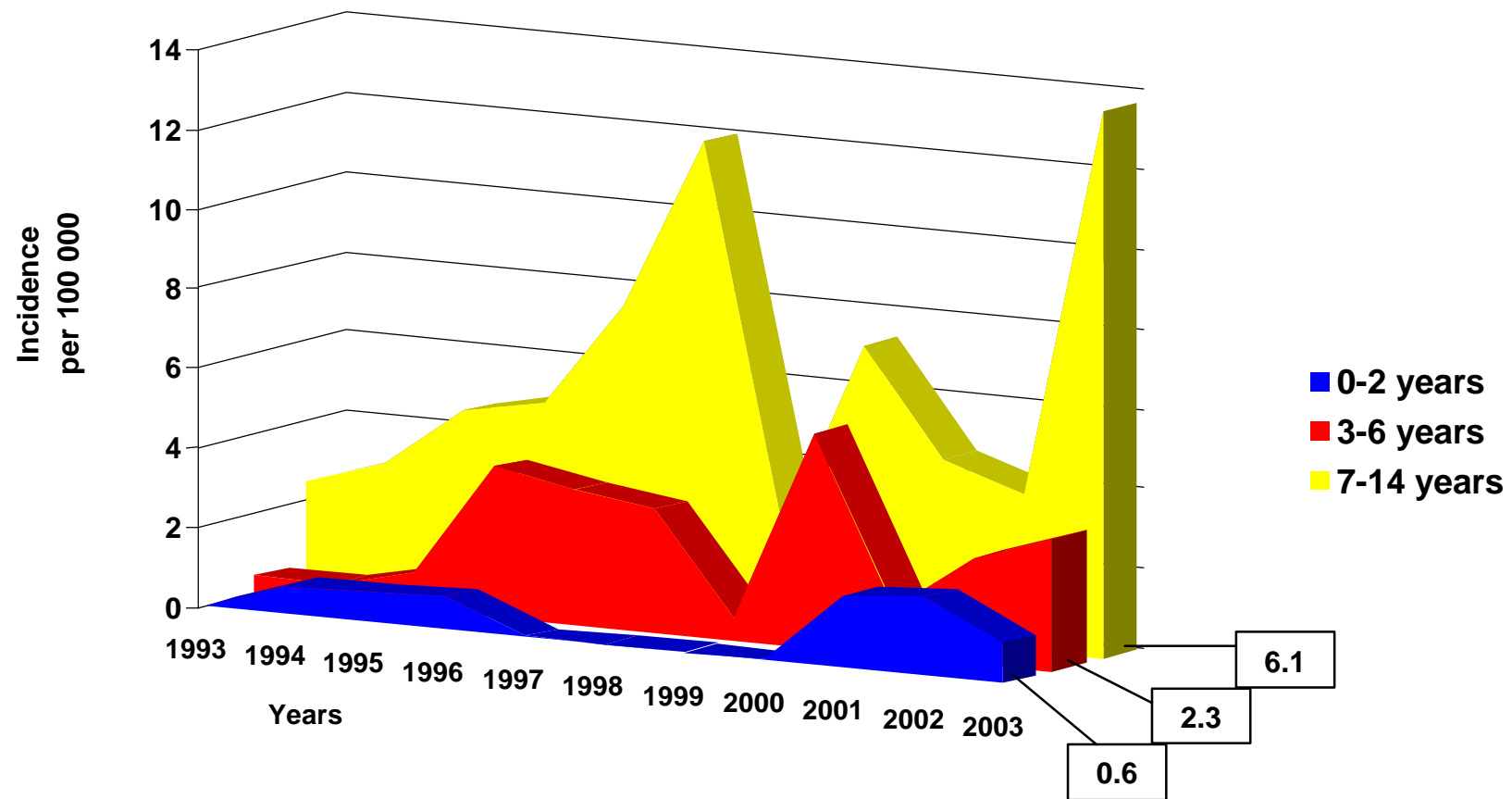
National records of TBE in the Baltic States



TBE incidence in Lithuania in different age groups 1999 – 2003



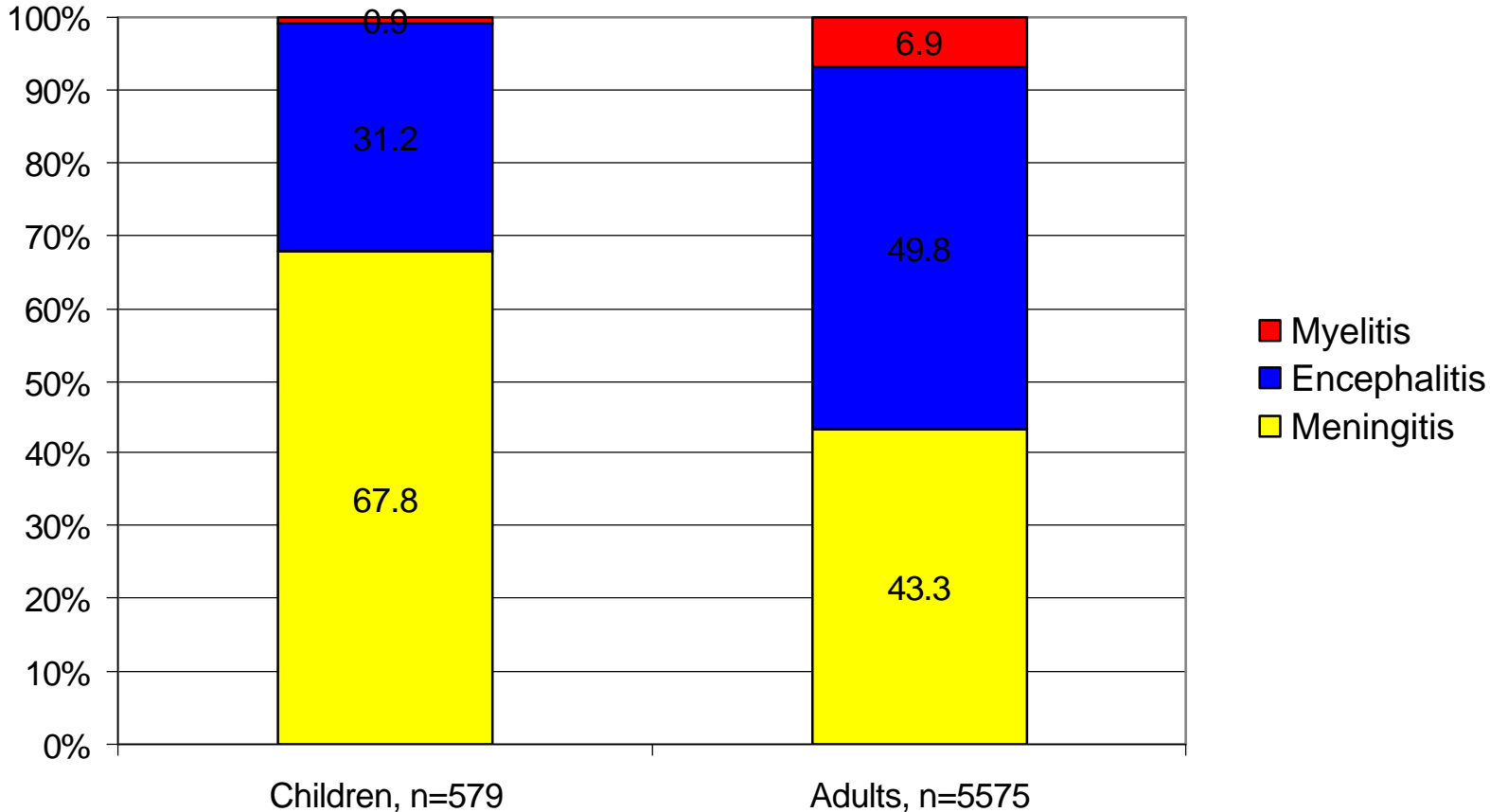
TBE incidence in children in Lithuania 1993 – 2003



The proportion of children TBE cases in different countries

Country	Study period	Total number of TBE cases	% of total cases in children		
			0-14 year old	0-16 year old	0-18 year old
Sweden	1994-2000	552	6.7		
Croatia	1992-2004	209		10.5	
Germany	2000-2003	692		12.3	
Latvia	1997-2003	3618			13.7
Czech Republic	1990-2000	5490	13.9		
Slovenia	1993-2003	2986	13.9		
Lithuania	1999-2003	1819			15.7
Russia	1993-2002	71170	19.8		
Khabarovsk (Russia)	1981-2000	654			26
Estonia	1997-2002	1553			29

Clinical course of TBE in children and adults



Two youngest TBE cases registered in Europe

	6 week old girl (Switzerland, 2004)	3.5 month old girl (Austria, 1992)
Tick-bite	10 days before admission	3.5 weeks before admission
Clinical symptoms	Fever, meningeal signs, irritability, seizures	Fever, somnolence, focal and generalized seizures, mechanical ventilation for 3 days
CSF	Inflammatory changes	Inflammatory changes
MRI	Encephalitic signs	
EEG	Localized sharp waves	
Follow-up after:		
6 weeks	Pathologic neurological signs, abnormal EEG	
1 year		Normal development

Sequelae in children

Seizures
Paresis
Behavioural disorders
Intellectual disorders

Moderate

Severe

Mild
Non-permanent
Duration < 3 months

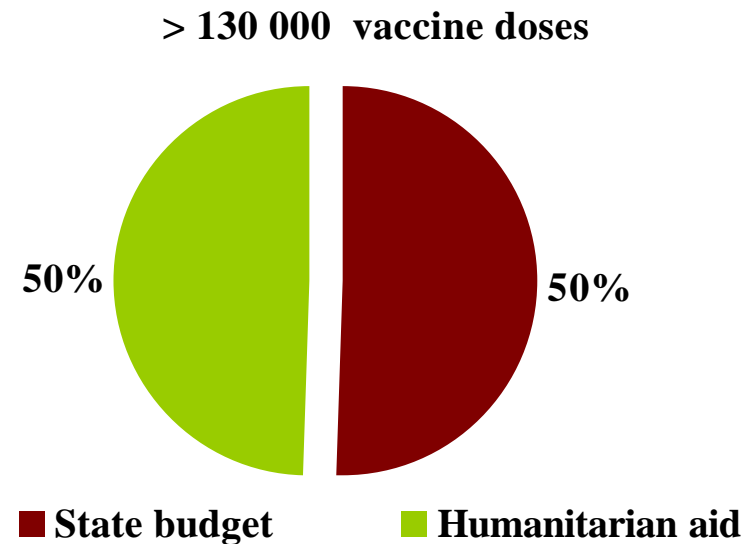
Heavy affecting
Permanent
Duration > 3 months

After Kaiser R, 6th ISW meeting, 2004

Children immunisation campaign in Latvia (1998-2003)

75% of children under 18 permanently living in the highly endemic TBE areas in Latvia have been vaccinated (45 800 children in total)

Vaccine supply for children immunisation campaign:



The outcome of children immunisation campaign in highly endemic areas in Latvia

