

Uued initsiatiivid

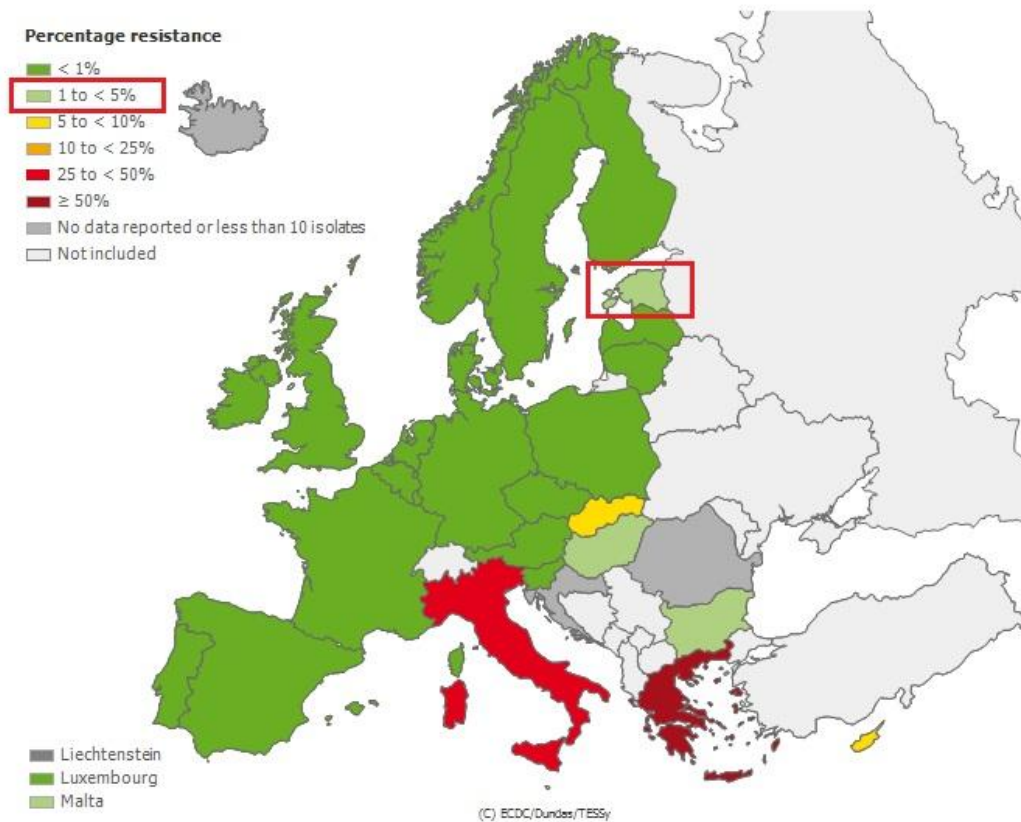
Marina Ivanova, Anastasia Pavelkovich

Tallinn 2013

EARS-Net database 2012

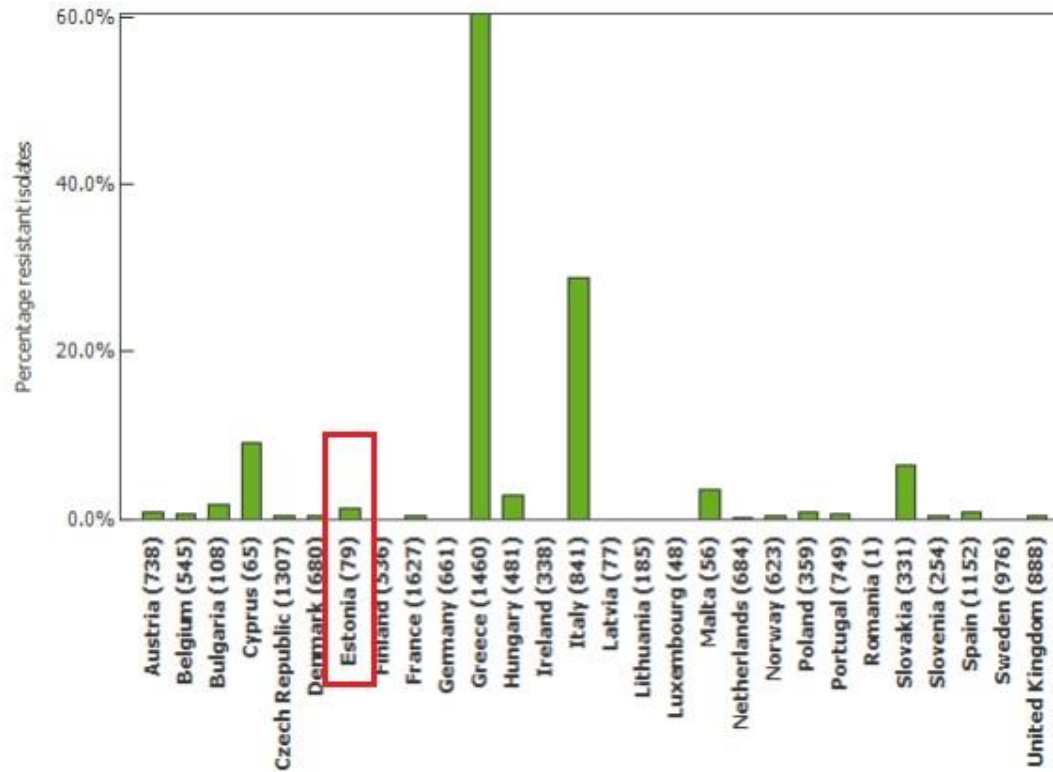


Proportion of Carbapenems Resistant (R) *Klebsiella pneumoniae* Isolates in Participating Countries in 2012





Proportion of Carbapenems Resistant (R) *Klebsiella pneumoniae* Isolates in Participating Countries in 2012



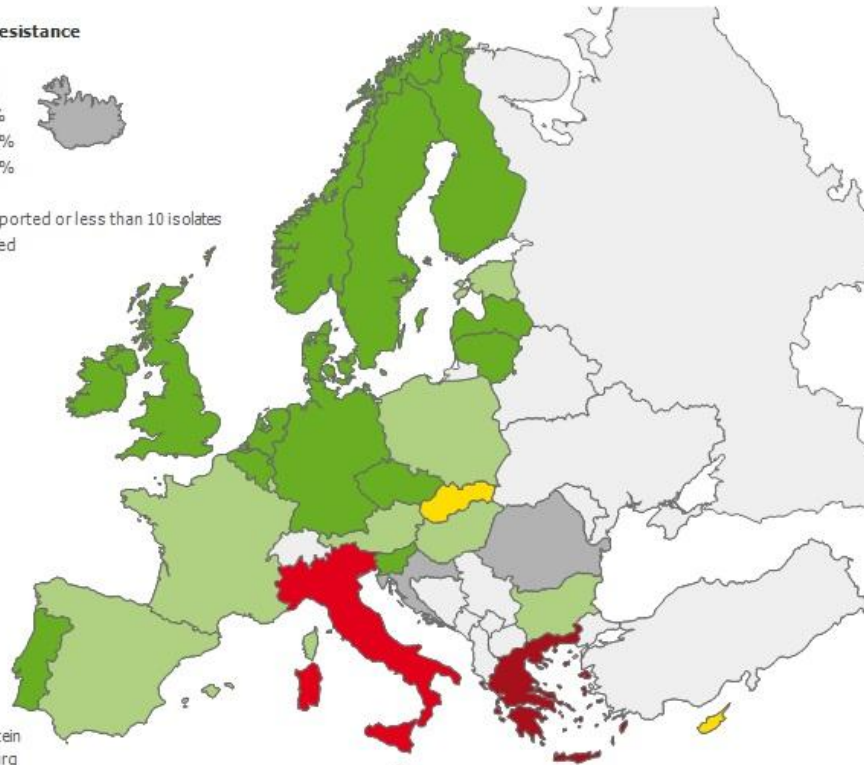
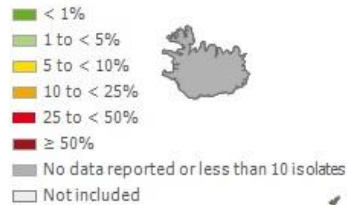
* Number of isolates in brackets after the country name

EARS-Net database 2012



Proportion of Carbapenems Resistant (R+I) *Klebsiella pneumoniae* Isolates in Participating Countries in 2012

Percentage resistance



(C) ECDC/Dundas/TESSy

EuSCAPE

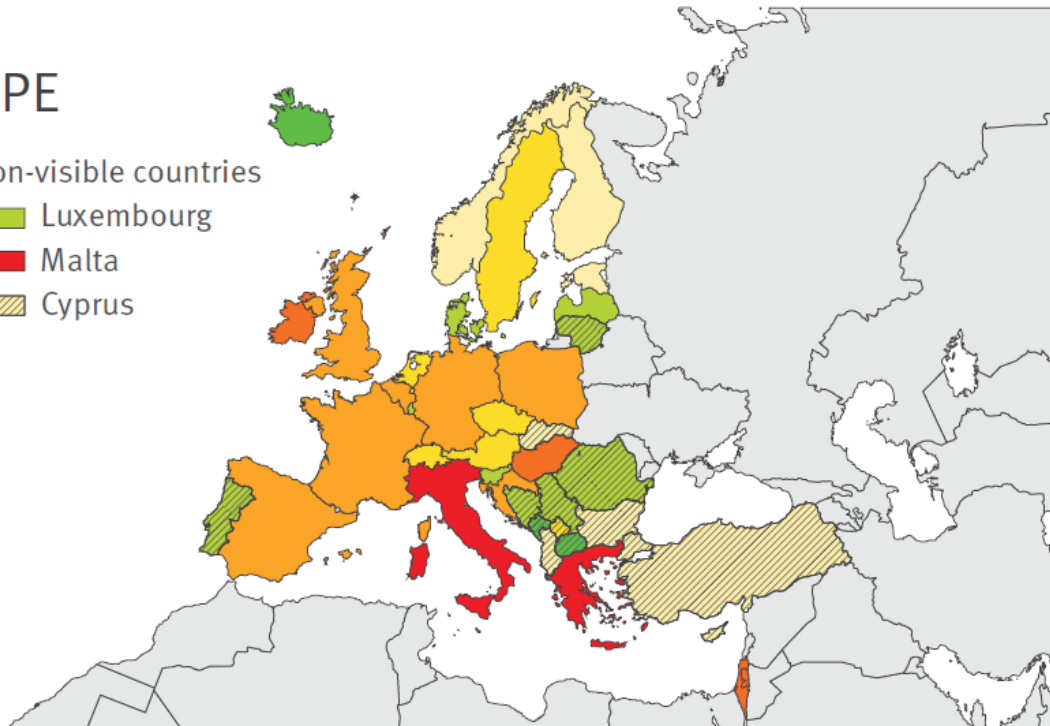
European Survey on Carbapenemase-Producing Enterobacteriaceae

A Overall European situation regarding CPE using an epidemiological scale of nationwide expansion

CPE

Non-visible countries

- Luxembourg
- Malta
- Cyprus



Epidemiological stages

- No cases reported
- Sporadic occurrence
- Single hospital outbreak
- Sporadic hospital outbreaks
- Regional spread
- Inter-regional spread
- Endemic situation
- Uncertain
- Data not available
- Not participating countries

„Summary of the results of a survey on carbapenem-resistant bacteria in Europe, 2013“
October 2013

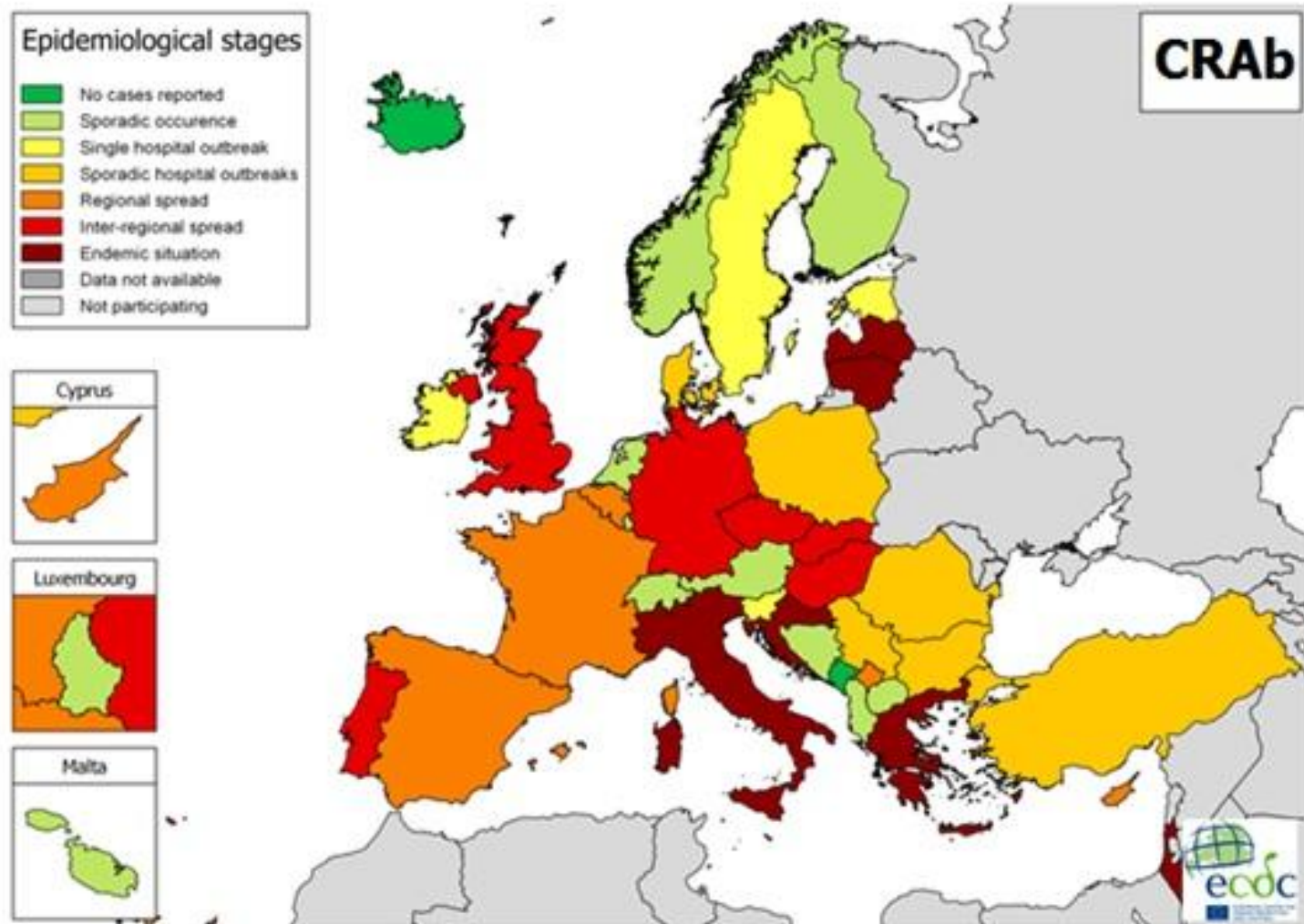
EuSCAPE

- 1 participant hospital for country <2 mln inhabitants – East-Tallinn Central hospital (consensus decision)
- Carbapenem I/R *Escherichia coli*/*Klebsiella pneumoniae* clinical isolates
- Duration for 6 months (nov 2013 – may 2014)
- At least phenotypical confirmation and molecular methods should be implemented in participating labs, Carba NP/MALDI enzymatic activity detection are optional

Pilot project 2014 in Estonia

- Carbapenem I/R (cut-off criteria) *Escherichia coli*/*Klebsiella pneumoniae* clinical isolates
- Duration for 3 months (spring 2014)
- Routine antibiogram data
- Any confirmation test data
- Denominator data

Figure 2. Occurrence of carbapenem-resistant *Acinetobacter baumannii* (CRAB) (all types of isolates) based on self-assessment by national experts, EuSCAPE project, 38 European countries, March 2013

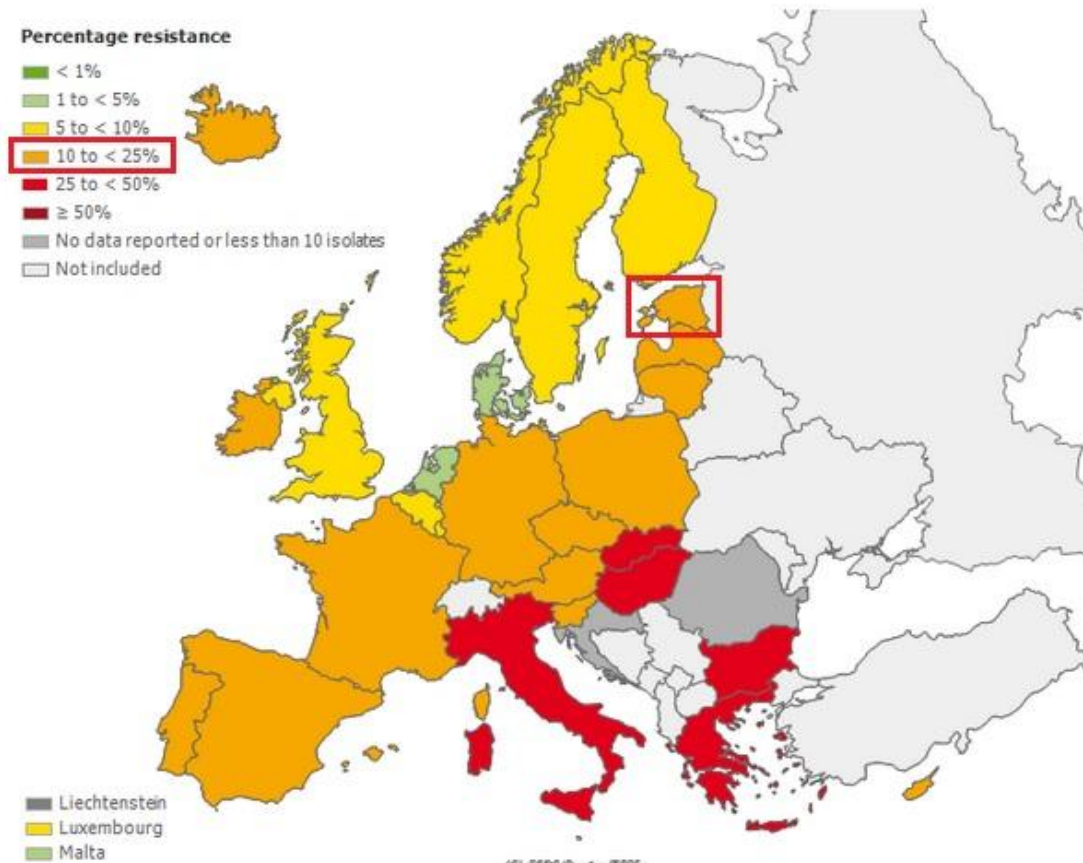


„Summary of the results of a survey on carbapenem-resistant bacteria in Europe, 2013“
October 2013

EARS-Net database



Proportion of Carbapenems Resistant (R) *Pseudomonas aeruginosa* Isolates in Participating Countries in 2012



Pilot project 2014 in Estonia

- *E.coli/K.pneumoniae* + Carbapenem R
P.aeruginosa/A.baumannii
- Duration for 3 months (spring 2014)
- Routine antibiogram data
- Any confirmation test data
- Denominator data

Kohtumiseni projektis!

