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Control of hospital acquired infections in Latvia

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Country specific information

-1,950,379 inhabitants (2017.)

-54% female, 46% male

-Life expectancy – 74.8 years (79.6 female, 69.8 male)

-63 hospitals, incl.45 public hospitals (2017.)

-Acute inpatient care – 35 hospitals (3.41 curative care hospital beds pre 1000 inhabitants)

Source: Central Statistical Bureau of Latvia homepage <https://www.csb.gov.lv/en/statistics>

Statistical Yearbook of Healthcare in Latvia 2017, CDPC of Latvia <https://www.spkc.gov.lv/lv/statistika-un-petijumi/statistika/latvijas-veselibas-aprupes-sta1/get/nid/10>



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Legal preconditions on the control of HAIs

“Regulations Regarding the Basic Requirements
for a Hygienic and Counter-epidemic Regimen in
a Medical Treatment Institution”

(Nr. 104, adopted 2016)



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Responsibilities of the Head of the healthcare facility:

- to develop hygienic and antiepidemic action plan
- to develop an infection control team
- to provide antimicrobial stewardship programme





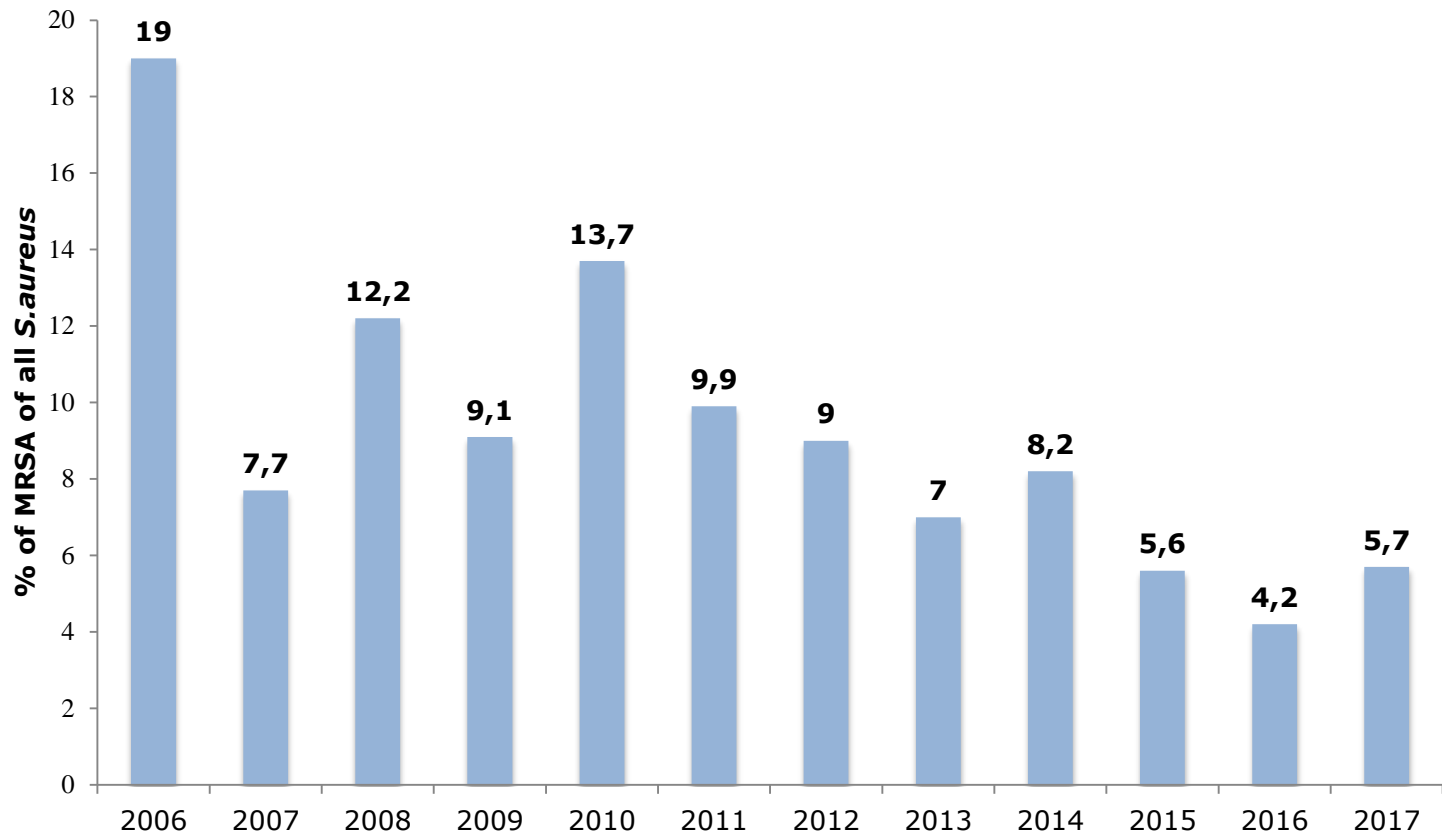
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Percentage of MRSA from blood isolated *S.aureus* in Latvia



Source: Adapted from EARS-Net

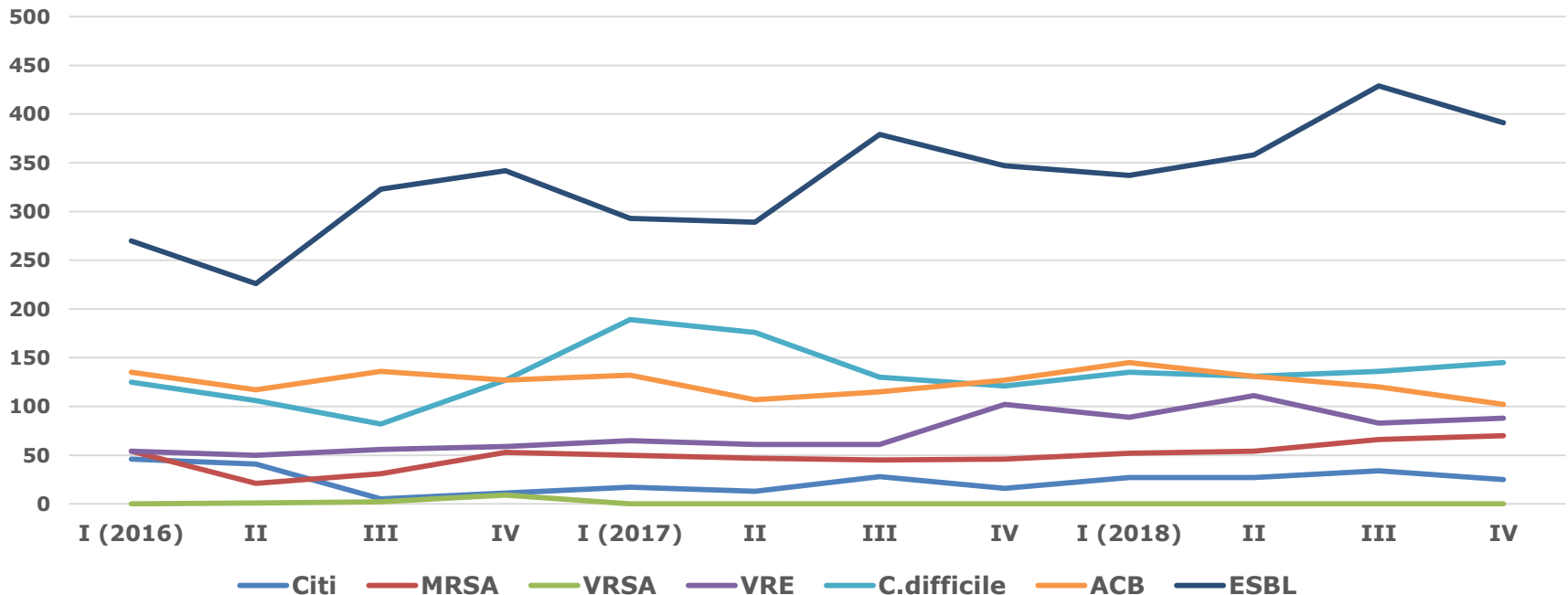


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Infection control team or the person responsible for:

To register epidemiologically important microorganism cases in healthcare facility and regularly report aggregated data to CDPC of Latvia

Number of patients with firstly isolated microorganisms, 2016.- 2018.



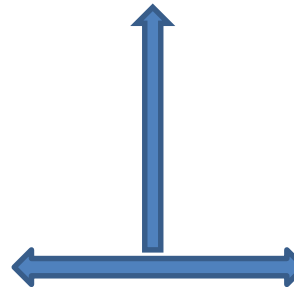


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Reccomendations for healthcare institutions on the developement of their hygenic and anti-epidemic plans /2016/



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Health Inspectorate
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ECDC Point prevalence survey 2016 to 2017 results, Latvia

! HAI prevalence – **3.7%** (validation corrected
4.9%)

! Patients with at least one HAI, annually – **7,447**

Carl Suetens, Katrien Latour, Tommi Kärki, Enrico Ricchizzi, Pete Kinross, Maria Luisa Moro, Béatrice Jans, Susan Hopkins, Sonja Hansen, Outi Lyytikäinen, Jacqui Reilly, Aleksander Deptula, Walter Zingg, Diamantis Plachouras, Dominique L Monnet, the Healthcare-Associated Infections Prevalence Study Group: Prevalence of healthcare-associated infections, estimated incidence and composite antimicrobial resistance index in acute care hospitals and long-term care facilities: results from two European point prevalence surveys, 2016 to 2017

<https://www.eurosurveillance.org/content/10.2807/1560-7917.ES.2018.23.46.1800516#figuresntables>



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Challenges





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Challenges

1. Resources

-Human

-Time

-Financial

2. Qualification



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Challenges

3. HAIs surveillance

4. Surveys

-ECDC Point Prevalence surveys:

PPS 2011, 15 hospitals

PPS 2016, 14 hospitals

-Hand hygiene survey 2008-2013, 1 hospital

-Surgical site infection (SSI) surveys, sporadically



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Challenges

5. National action plan on AMR

Surveillance and control of infectious diseases and improvement of prevention

- Financial issues
- Guidelines for the prevention of SSI
- Training
- Metodological support
- Improve vaccination coverage



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Thank you for your attention!