

WHO global and regional activities on AMR and collaboration with partner organisations

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Building the AMR momentum

2011 WHO/Europe Regional Committee - *Regional strategic action plan on antibiotic resistance*

2015 World Health Assembly - *Global action plan on antimicrobial resistance*

2016 United Nations General Assembly - *Declaration: "a fundamental, long-term threat to human health, sustainable food production and development"*

2017 Interagency Coordination Group on AMR

2017 AMR among top priorities of WHO's new DG
- *Fighting antimicrobial resistance "is an urgent priority" (European RC67)*



Global AMR Action Plan - Strategic Objectives

<http://who.int/antimicrobial-resistance/global-action-plan/en/>

1. Improve awareness and understanding
2. Strengthen knowledge and evidence base
3. Reduce incidence of infection
4. Optimize use of antimicrobial medicines
5. Develop economic case for sustainable investment

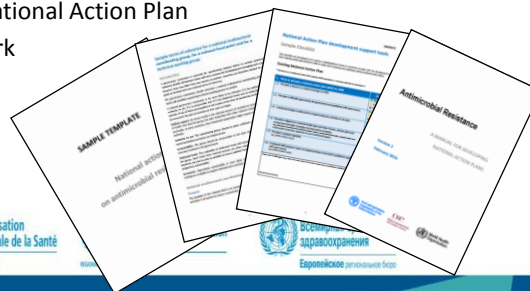


All Member States are urged to have a national AMR action plan in place by May 2017



National Action Plan support

- Manual for developing national action plans
- Templates and tools
 - Sample Terms of Reference for ICM, Working Group, Focal Point
 - Sample template National Action Plan
 - Sample checklist for National Action Plan
 - Sample M&E framework
- Library of action plans



Regional tripartite meetings

- To support development of national AMR action plans
 - 15-17 March 2016, Istanbul, Turkey
- To discuss progress of national action plans
 - 27-29 June 2017, Bishkek, Kyrgyzstan



version 1

Global Database for Antimicrobial Resistance Country Self Assessment

29-Jun-17

Choose your question and filters below

Question: **D.1 Country progress with development of a national action plan on AMR**

Survey year: **2016**

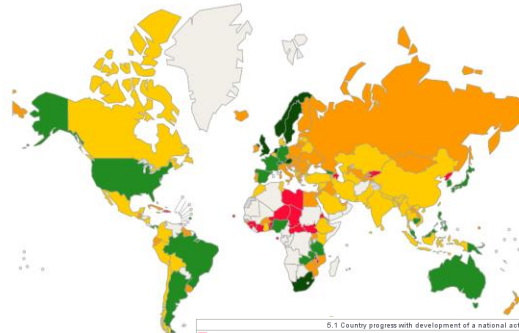
WHO region: **AE**

FAO region: **AE**

OIE region: **AE**

WB income group (2016): **AE**

Country: **AE**



D.1 Country progress with development of a national action plan on AMR

- A - No national AMR action plan.
- B - National AMR action plan under development or plan involves only one sector or ministry.
- C - National AMR action plan developed that addresses human health, animal health, and other sectors.
- D - Multi-sectoral AMR action plan approved that reflects Global Action Plan objectives, with an operational plan and monitoring arrangements.
- E - Multi-sectoral AMR action plan has funding sources identified, is being implemented and has monitoring in place.



Global activities

GLOBAL ACTION PLAN
ON ANTIMICROBIAL
RESISTANCE



- World Antibiotic Awareness Week (2015)
- Global AMR Surveillance System (GLASS) (2015)
- Tools and guidance for action plan development (2016)
- Global Antibiotic Research & Development Partnership (GARDP) (2016)
- Infection Prevention and Control core components (2016)
- Global development and stewardship framework (2017)
- Global Priority Pathogens List of Antibiotic-Resistant Bacteria (2017)
- Updated Essential Medicines List (2017)
- Tripartite Monitoring and Evaluation approach to GAP-AMR (2017)



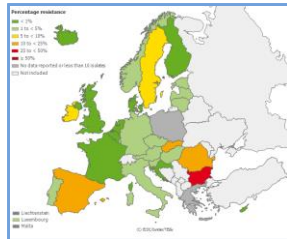
Regional activities (2012-2017)

- National action plan development
- Stakeholder meetings
- National AMR workshops
- Annual external quality assessment
- Research/pilot projects
- Tools and templates
- Instruction videos
- Awareness campaigns
- Consultancies



Expanding AMR surveillance throughout Europe

European Antimicrobial Resistance Surveillance Network (EARS-Net)



European Centre for Disease Prevention and Control

Central Asian and Eastern European Surveillance of AMR (CAESAR)



World Health Organization Regional Office for Europe

- Countries submitting data to CAESAR
- Countries building capacity for CAESAR participation
- Countries invited for CAESAR participation
- Countries participating in EARS-Net

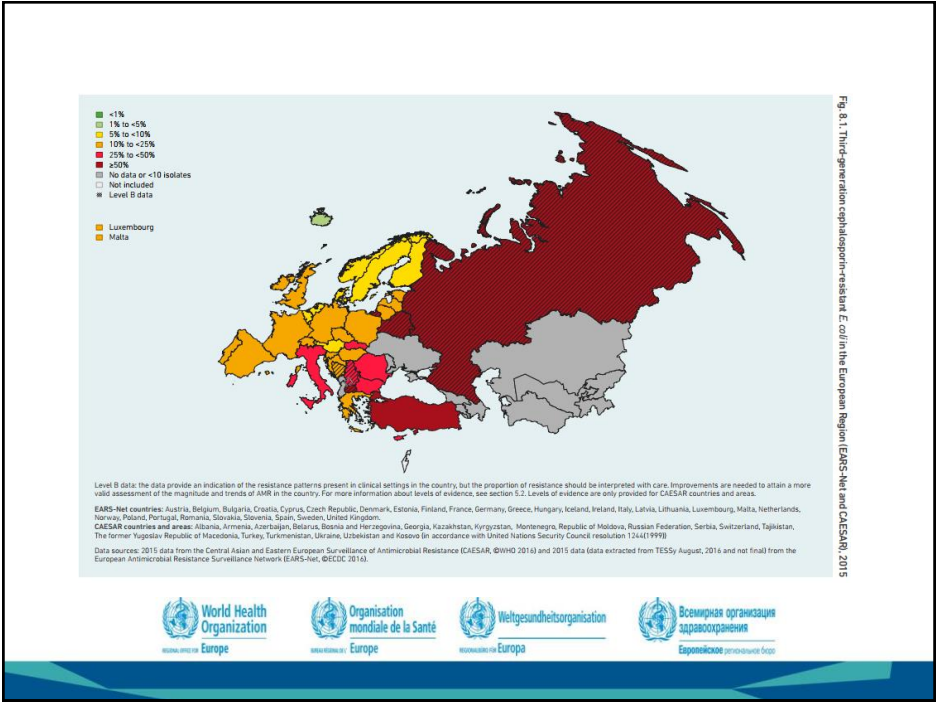


CAESAR Annual Report 2017



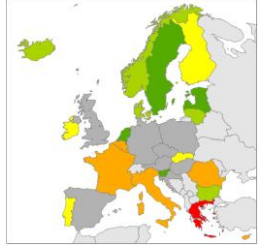
- Data from 9 countries (Turkey, The former Yugoslav Republic of Macedonia, Serbia, Belarus, Switzerland, Bosnia and Herzegovina, Russian Federation), Georgia, Montenegro and Kosovo*
- External Quality Assessment results of 19 countries
- Levels of data quality described
- Guidance on data interpretation
- Provide AMR data and joint maps
- Encourage implementation, maintenance and improvement of national surveillance programs





Expanding AM use surveillance throughout Europe

European Surveillance of Antimicrobial Consumption Network (ESAC-Net)



European Centre for Disease Prevention and Control

WHO Antimicrobial Medicines Consumption network (AMC)

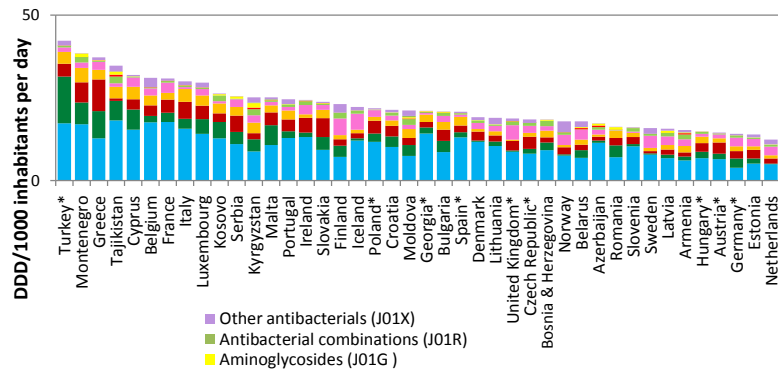


World Health Organization Regional Office for Europe

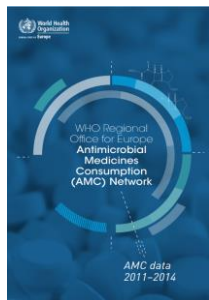
- Countries which reported 2013 data to WHO
- Countries in the process of collecting AMC data
- Countries participating in ESAC-Net



Expanding AM use surveillance throughout Europe



AMC network Report 2011-14



- Background information on AMC network
- Data collection and analysis
- Data from 11 countries (Albania, Armenia, Azerbaijan, Belarus, Kyrgyzstan, Montenegro, Republic of Moldova, Serbia, Tajikistan, Turkey and Uzbekistan as well as Kosovo*)
- Cross-national comparisons
- Discussion



Infection prevention and control

- SAVE LIVES: Clean Your Hands - WHO's global annual campaign
- IPC Core components implementation
- 2014 – 17: link to AMR




It takes just **5 Moments** to change the world

Clean your hands, stop the spread of drug-resistant germs!

How to Handrub?



Antimicrobial stewardship

- Massive open online course (MOOC): *“Antimicrobial Stewardship (AMS): Optimization of Antibiotic Practice”*  <https://www.coursera.org/>
 - Piloted in FYR of Macedonia
 - Adapt to European context
- Face-to-face stewardship course



AMR and the food chain

- National and subregional workshops/trainings
 - Balkans, Central Asia
- Advisory Group on Integrated Surveillance of AMR (AGISAR)
 - Country projects
 - Integrated surveillance guidance
 - Critically Important Antimicrobials
 - Use of medically important antimicrobials in food-producing animals



Awareness Week

Materials

- Infographs
- Websites
- Videos
- Press releases
- Presentations



Activities

- Country events (press conferences, seminars, workshops)
- Social media (incl. global twitter chat)



Every infection prevented
is an antibiotic treatment avoided.
Play your role in controlling antibiotic resistance!

#HandHygiene #AntibioticResistance

FIGHT ANTIBIOTIC RESISTANCE IT'S IN YOUR HANDS.

HEALTH WORKERS:
Clean **YOUR HANDS** at the right time and **STOP** the spread of ANTIBIOTIC RESISTANCE.

INFECTION PREVENTION & CONTROL LEADERS:
Implement **WHO'S CORE COMPONENTS** for infection prevention including **HAND HYGIENE** to combat ANTIBIOTIC RESISTANCE.

POLICYMAKERS:
STOP antibiotic **RESISTANCE SPREAD** by making infection prevention and hand hygiene a **NATIONAL POLICY** priority.

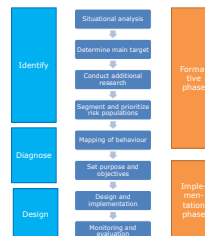
HOSPITAL, CLINIC AND ADMINISTRATORS:
LEAD a year-round infection prevention and control **PROGRAMME** to **PROTECT YOUR PATIENTS** from **RESISTANT** infections.

SAVE LIVES. CLEAN YOUR HANDS. World Health Organization

World Health Organization
Organisation mondiale de la Santé
Weltgesundheitsorganisation
Всемирная организация здравоохранения
Regional Office for Europe

Tailoring AMR Programmes (TAP)

- Knowledge alone not enough to change behaviour
- Methods/tools to design targeted behaviour change campaigns
- Based on behavioural science & social marketing
- Pilot projects
 - Ongoing: Sweden, England, Hungary, Kazakhstan, the former Yugoslav Republic of Macedonia



Evidence-informed Policy Network

(EVI)Net

- Global WHO initiative promoting systematic use of health-research evidence in policy-making
- Workshops to build country capacity to develop policy briefs
 - training in acquiring, assessing, adapting and applying research evidence
- Policy briefs on AMR
 - Completed: Hungary (2017)
 - Ongoing: Kazakhstan, Lithuania, Montenegro, Slovenia, Slovakia, the former Yugoslav Republic of Macedonia



Partnership



Making progress

- Progressing on all strategic objectives
- Broad collaboration
 - Within WHO (Global – Regional – National)
 - With International Organizations (FAO, OIE)
 - With external partners (international, national)
 - With donors (countries, foundations)
- Supporting materials /tools developed and distributed
- Pool of experts/consultants



Thank you for your attention



**FIGHT
ANTIBIOTIC
RESISTANCE
IT'S IN YOUR
HANDS.**

**HANDLE
ANTIBIOTICS
WITH CARE**

**SAVE LIVES
CLEAN YOUR HANDS**

**World Health
Organization**

**World Health
Organization**
MEMBER STATES: Europe

**Organisation
mondiale de la Santé**
MEMBER STATES: Europe

Weltgesundheitsorganisation
MEMBER STATES: Europa

**Всемирная организация
здравоохранения**
Европейское подразделение ВОЗ