



The Ebola epidemic in West Africa, 2014 - 2015
EU response
&
Coordination mechanisms in place under
Decision 1082/2013/EU
on serious cross-border threats to health

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DG Health and Food Safety



Objectives

- 1: Legal and others instruments available*
- 2: Main issues related to the public health response in the European Union*
- 3: Lessons learned*



1998

- Decision 2119/98/EC of the European Parliament and of the Council
- Communicable Diseases

Kikwit Ebola , Diphteria FSU
EU surveillance of infectious diseases

2001

- EU Health Security Committee
- Informal activities since the anthrax scare

SARS
Avian flu H5N1

2005

- European Centre for Disease Prevention and Control
- Threats and risk assessment

Human influenza
Pandemic threat

2007

- International Health Regulations (IHR)
- All-inclusive threats approach
- Core capacities in preparedness

2009

- **Lisbon Treaty** – Article 168 –
Monitoring, early warning of and combating serious cross-border threats to health

Human pandemic influenza H1N1

2013

- **Decision 1082/2013/EU** on serious cross border threats to health and repealing Decision 2119/98/EC
in force since 6 November 2013

Middle East Respiratory Syndrome (MERS)

2014 ->

- **Implementation and adoption of implementing acts**

Poliomyelitis

Ebola



**DECISION No 1082/2013/EU OF THE EUROPEAN
PARLIAMENT AND OF THE COUNCIL
of 22 October 2013
on serious cross-border threats to health and
repealing Decision No 2119/98/EC**



Decision 1082/2013/EU on serious cross-border threats to health - scope

- . Biological threats**
 - Communicable diseases**
 - Non-communicable diseases**
 - Special health issues**

- . Chemical**
- . Environmental**
- . Unknown**
- . Public health emergencies of international concern IHR**



Decision 1082/2013/EU on serious cross-border threats to health – main elements for coordination (1)

Enhance coordinated EU response at EU level

Health Security Committee

- **30 teleconferences**
- **Travel advice**
- **Communication**
- **Preparedness**
- **exit screening audit**
- **EU case definition**
- **infection control**



Decision 1082/2013/EU – coordination of response

Commission

- **network of specialised laboratories**
- **EU clinicians' network**
- **trade and transport links**
- **health care workers**
- **medical evacuations**





Decision 1082/2013/EU – main elements for coordination (2)

Strengthen preparedness and response planning at EU level

- **Member States to report on preparedness and response planning**
- **focus on IHR implementation, intersectoral collaboration and business continuity planning**
- **confidential report by Commission to Health Security Committee**
- **strengths and weaknesses**
- **follow up by working group on preparedness and response planning**



Decision 1082/2013/EU – main elements for coordination (3)

Joint procurement

- **voluntary**
- **agreement signed by 22 Member States**
- **covers medical countermeasures**
- **procedures under way for personal protective equipment, though mobilization slow**



Decision 1082/2013/EU – main elements for coordination (4)

Surveillance of communicable diseases and related health issues

- **ECDC in charge of collecting data electronically**
- **interlinks Commission, ECDC and member states, with also joint collection for some diseases with WHO Euro.**
- **covers 47 communicable disease and special health issues**
- **case definitions**
- **continuous updates**



Decision 1082/2013/EU – main elements for coordination (5)

Risk assessment

- to be made available to the health security committee**
- to be prepared by ECDC, other EU agencies or scientific committees**
- ECDC prepared rapid risk assessments recently for MERS CoV, polio, Ebola and the CD aspects of the current refugee flows**



Joint Procurement

Establishment of a mechanism for
**joint procurement of medical
countermeasures**

It improves preparedness for all cross-border threats to
health

as

any medical countermeasure for the mitigation of any
cross-border threat to health could be procured in common



Diapositiva 13

PM(1

Kolowca Magdalena (SANCO); 22/01/2014



EU Ebola coordinator and Task force creation

- ★ Last year saw the appointment of EU Commissioner Christos Stylianides as the EU Ebola Coordinator as well as the creation of an EU Ebola Task Force which have further strengthened the coordination amongst European institutions, Member States and other international and regional organisations.





Ebola overall EU response

EBOLA
FROM EMERGENCY TO RECOVERY

From the outset of the largest and most complex Ebola epidemic ever, the European Union has been at the forefront of the international response.

The European Commission coordinates EU support and provides affected countries with humanitarian aid, technical expertise, longer-term development assistance and investment in research for a vaccine.

Facing the emergency

€66 million
Humanitarian aid

Ebola overall EU response

Preventing the spread

More than a dozen projects are developing clinical trials for new vaccines, diagnostic tests and treatments under Horizon 2020 and the Innovative Medicines Initiative.

€138 million
Research projects

Urgent research



Vaccines



Treatments



Diagnostics



Ebola overall EU response

**Ensuring recovery,
strengthening resilience**

EU support to Guinea, Liberia and Sierra Leone reinforces the capacity of governments to deliver vital public services and facilitates a smooth transition to recovery.

€210 million
Development & early
recovery assistance



Deliver
basic
services



Maintain
macro-economic
stability



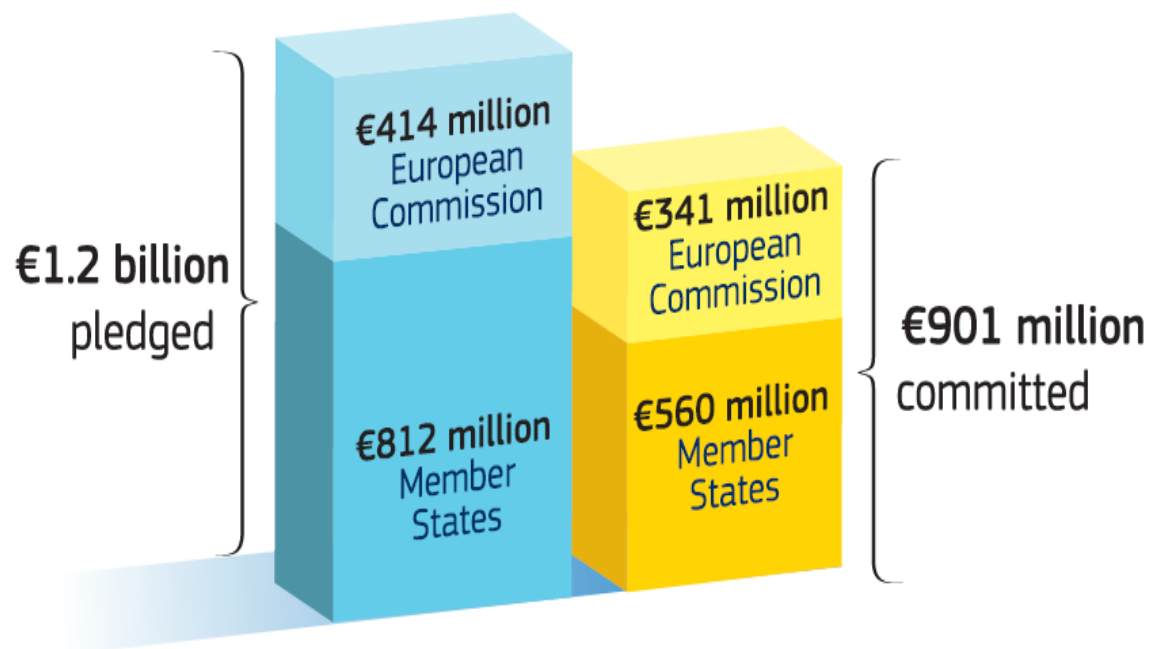
Support
health
sector



From the emergency to recovery



800+
healthworkers
deployed

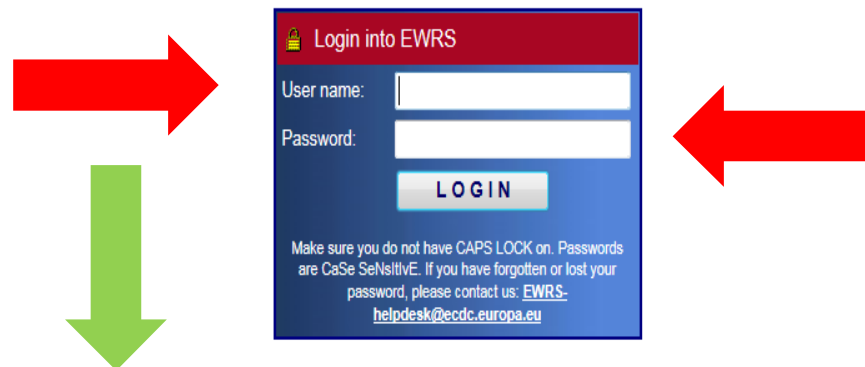


Early Warning and Response System (EWRS)

Access to this section is limited to the members of the EWRS, i.e. the competent Public Health Authorities of the EU Member States, which have been designated officially by the Government of their Country as members of the EWRS, and the competent service of the European Commission.*



Restricted Area



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LOGIN

Make sure you do not have CAPS LOCK on. Passwords are CaSe SeNsItivE. If you have forgotten or lost your password, please contact us: EWRS-helpdesk@ecdc.europa.eu

EWRS

**application for membership is not possible to other individuals or organizations*



Please submit your comments, questions and suggestions to the:
EWRS Network Administrator SANTE-EWRS@ec.europa.eu
Support EWRS EWRS-helpdesk@ecdc.europa.eu



Early warning and response system

You are logged in as: EC Paolo GUGLIEMETTI

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• The EWRS contact points, or the persons authorized by them, can use this information to carry out the actions for which they are nationally responsible, or responsible in the Commission, within the purposes established in Decision No 1082/2013/EU of the European Parliament and of the Council on serious cross-border threats to health and repealing Decision No 2110/05/EC.

• In compliance with Regulation 1049/2001/EC regarding public access to European Parliament, Council and Commission documents, it is requested that the information contained in the present message be not disclosed for purposes other than those established by Decision No 1082/2013/EU without prior consultation with the Commission services and the Member State which provided the information. In case that the message contains personal data, the recipient(s) shall process it in compliance with the European Union legislation on the protection of personal data, in particular Directive 95/46/EC.

Notifying authority

Name: EC Paolo GUGLIEMETTI
 Institution: European Commission

Event information

Message Type: ?

Message Content: ?

Notification Criteria: ?

- it is unusual or unexpected for the given place and time
- it causes or may cause significant morbidity or mortality in humans
- it grows rapidly or may grow rapidly in scale
- it exceeds or may exceed national response capacity

article 9, paragraph 1, b

- it affects or may affect more than one Member State

article 9, paragraph 1, c

- it requires or may require a coordinated response at Union level

[Click here if you want to hide the box below](#)

IHR WHO

Notify this event under IHR (Art.6 and Annex 2)

- Is the PH impact of the event serious?
- Is the event unusual or unexpected?
- Is there any significant risk of international spread?
- Is there any significant risk of international travel or trade restrictions?

Consultation (Art.6)

Other reports (Art.9)

Verification (Art.10)

[Unselect](#)

Country of Occurrence:

Date of onset/detection: 19 June 2015

MESSAGE:

Please ensure that no contact tracing data or other personal information is included in this general message/comment or in its attachments.

(3999 characters left)

Attachments:

<input type="text"/>	<input type="button" value="Browse..."/>
<input type="text"/>	<input type="button" value="Browse..."/>
<input type="text"/>	<input type="button" value="Browse..."/>

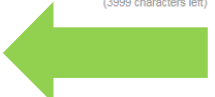
(*Please note that you can attach a maximum of 3 files with a total size of maximum 9.0 Mb)
 Please remember to CLOSE your documents prior to upload them.

Today: 19 June 2015 13:59

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- Threats under follow-up (+)

EWRS Version 7.8
 Last Update on 24 March 2015
 DG SANTE - Health Threat Unit
 © ECDC





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Early Warning and Response System (EWRS)

Selective exchange of messages


United Kingdom [redacted]	15/12/2014 at 00:54	Request to accept an EVD Medical Evacuation from Sierra Leone							
The above message was sent to:									
EC	Switzerland	Germany	Denmark	France	Italy	Netherlands	Norway	Portugal	United Kingdom
Denmark [redacted]	14/12/2014 at 21:59	Ebola medical evacuation							
The above message was sent to:									
EC	Switzerland	Germany	Denmark	France	Italy	Netherlands	Norway	Portugal	United Kingdom
EC [redacted]	14/12/2014 at 19:09	Ebola medical evacuation							
The above message was sent to:									
EC [redacted]	Switzerland	Germany	Denmark	France	Italy	Netherlands	Norway	Portugal	United Kingdom





European Commission

Early Warning and Response System (EWRS)



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EWRS Version 7.8

Last Update on 24 March 2015
DG SANTE - Health Threat Unit
@ ECDC

Early warning and response system

If you have filtered results, click [here](#) to remove all filters.

Show Messages / page (1458 total messages)

Order by:

Last comment date Event creation date Last follow up date

Display MS (only) accessible messages

Display WHO accessible messages

Display closed threats

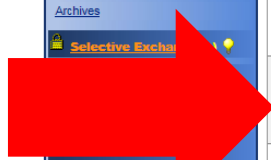
Display EMA accessible messages

Display EFSA accessible messages

Display ECHA accessible messages

Display DGENV accessible messages

Message ID	Date	Comment chain	Additional details	Message content	Show all locations
20150518SE0001	Created: 18/05/2015 at 14:13		Communicable disease	Diarrhea Other information	Sweden
20150515UK0001	Created: 15/05/2015 at 16:00		Communicable disease	Septicemia Alert notification	United Kingdom
20150512IT0001	Created: 12/05/2015 at 19:05		Communicable disease	Haemorrhagic fever Other information	Sierra Leone
20140404EC0001	Created: 04/04/2014 at 20:05		Communicable disease	Haemorrhagic fever Other information	More than one country in Africa 52 comments, last 12/05/2015
20150507EC0001	Created: 07/05/2015 at 17:22		Communicable disease	Haemorrhagic fever Other information	More than one country in Africa
20150416FI0001	Created: 16/04/2015 at 09:59		Environmental threat	O - Other events Alert notification	Latvia 8 comments, last 07/05/2015
20150219DE0001	Created: 19/02/2015 at 18:17		Communicable disease	Encephalitis Other information	Germany 3 comments, last 05/05/2015
20150427EC0001	Created: 27/04/2015 at 17:39		Communicable disease	Measles Other information	France
20150424FR0001	Created: 24/04/2015 at 19:54		Communicable disease	Measles Alert notification	France
20150409LT0002	Created: 09/04/2015 at 10:59		Communicable disease	Pertussis Other information	Lithuania 1 comment, last 10/04/2015





The most critical input: EMLAB

a collapsable field lab system deployable within 48hrs



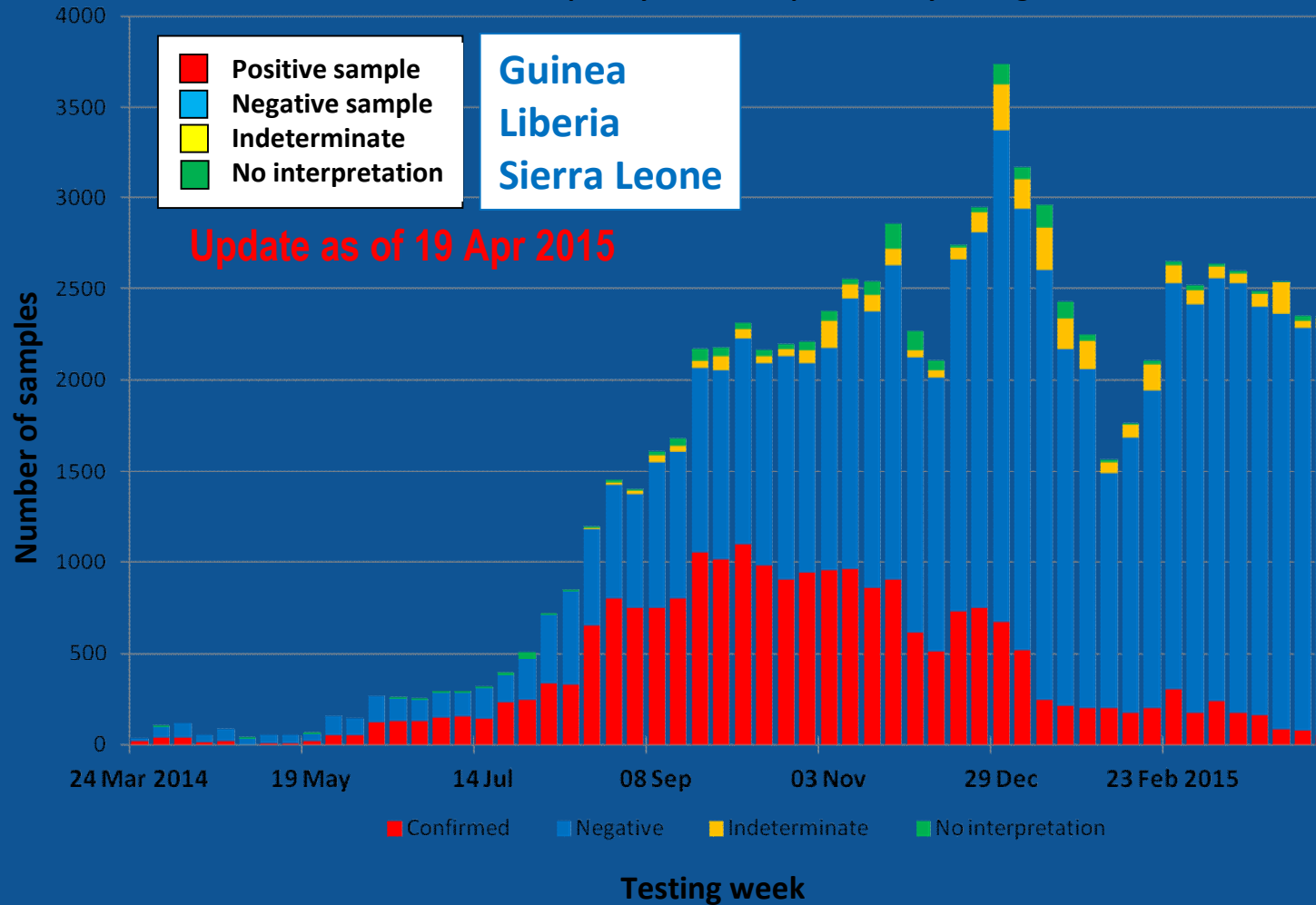


Laboratory Data Overview by Testing Week



No. Labs **26** No. of Samples **86,145** Total of Positive **22,021** Percentage Positive **25.6%**

Count of samples by Ebola interpretation by testing week



- Belgium Mobile Lab – Nzérékoré
- EU Mobile Lab - Coyah
- EU Mobile Lab - Guéckedou
- IP Dakar – Kindia (Conakry)
- IP Dakar – Matoto (Conakry)
- IP Lyon Mobile Lab – Macenta
- Rospotrebnadzor Mobile Lab – Forécariah
- Rospotrebnadzor Mobile Lab – Conakry
- K-Plan Mobile Lab – Forécariah
- K-Plan Mobile Lab – Kaloum
- CTS - Conakry
- CREMS – Conakry
- US DTRA – Dubreka
- KanKan MoH
- PHA Canada – Conakry

- Dutch Mobile lab - Sinje
- EU Mobile Lab - Foya
- National reference Lab & USAMRIID
- OIC-NMRC mobile Lab Bong
- OIC-NMRC mobile Lab Montserrado
- US DoD - Grand Gedeh
- US DoD - Nimba
- US DoD – Sinoe
- US CDC Lab – Montserrado
- Accel - Nimba

- China-CDC Lab
- Dutch Mobile lab – Kono
- Dutch Mobile lab - Freetown
- EU Mobile lab - Hastings
- Italian - Goderich
- NICD South Africa Lab Lakka
- Nigeria Mobile Lab – Freetown
- Nigeria Mobile Lab - Kambia
- PH England Kerry Town
- PH England Mobile Lab Makeni
- PH England Mobile Lab Port Loko
- PHA Canada - Tonkolili
- PHA Canada Kailahun
- US-CDC Lab – Bo
- US DTRA - Moyamba



Exit Screening Audit

*Exit screening at West –A airports challenged
Audit requested by Council
US /MS set up entry screening*

*Best value Exit screening : 300.000 passengers
screened, around 60 not boarded, 4 suspected
for Ebola but none confirmed*



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Academic projections





Decision 1082/2013/EU – main elements for coordination (6)

Early Warning and Response System and rules for alert notification

- **now covers now all serious cross-border threats to health**
- **Commission and Member States to alert, assess risks and coordinate measures**
- **Member States and Commission to notify alerts**
- **links with other EU rapid alert systems at EU level**
- **specific functionality to report an event under IHR**
- **'selective exchange' functionality for medical evacuation or bilateral information sharing**



Lessons learnt

- **IHR bodes incl. WHO to separate risk assesment from risk management**
- **anticipate 4 months delay or more in EIPC declaration by WHO**
- **improve coordination and collaboration among MS**
- **strengthen expertise and knowledge based training**
- **strengthen intersectoral cooperation and IHR implementation**
- **critical sectors to support public health**
- **proactive emergency management by HSC**
- **public health communication through HSC**
- **better use of joint procurement**
- **sustainable medical evacuation facilities**
- **sustainable networks for exit screening and clinicians**



Thank you