Global targets for TB and HIV: Where are we in the European Union?

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Sustainable Development Goals and communicable diseases

Goal 3. Ensure healthy lives and promote well-being for all at all ages

*3.3 By 2030, end the epidemics of **AIDS**, **tuberculosis**, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.*

Source: www.un.org/sustainabledevelopment/health

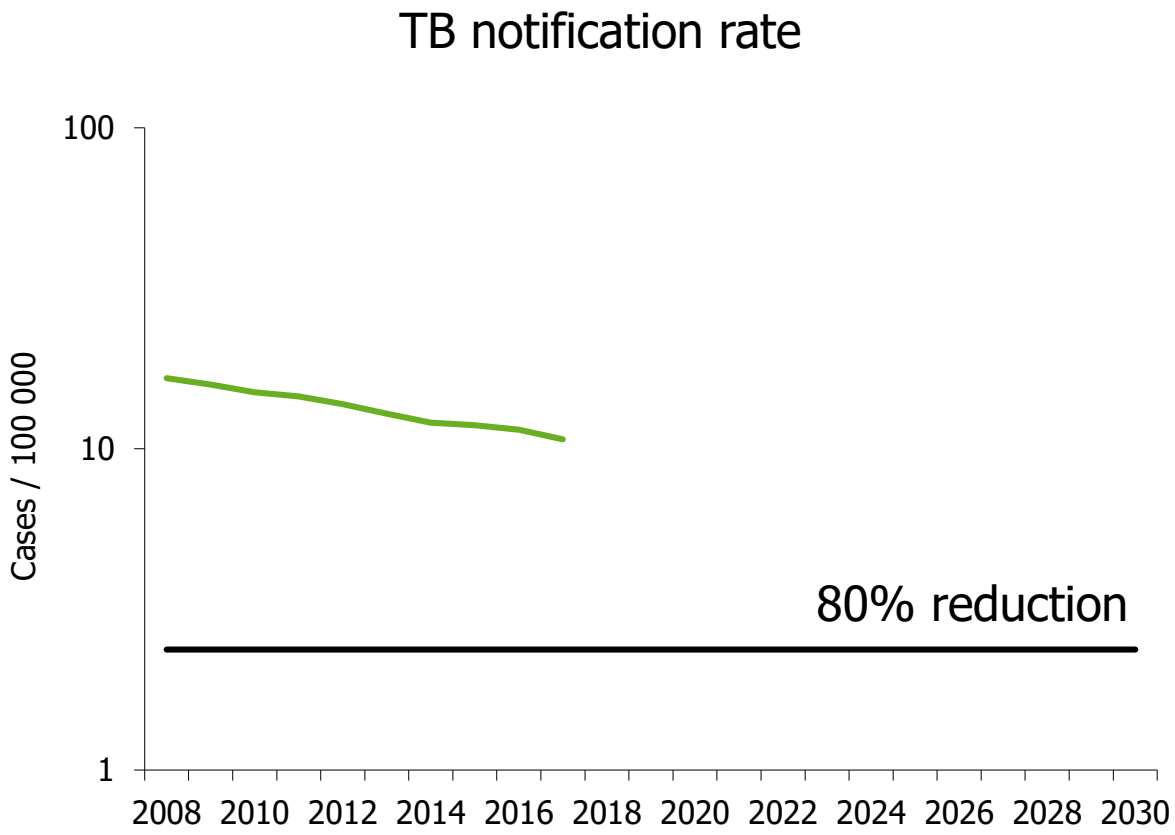
WHO End TB Strategy targets

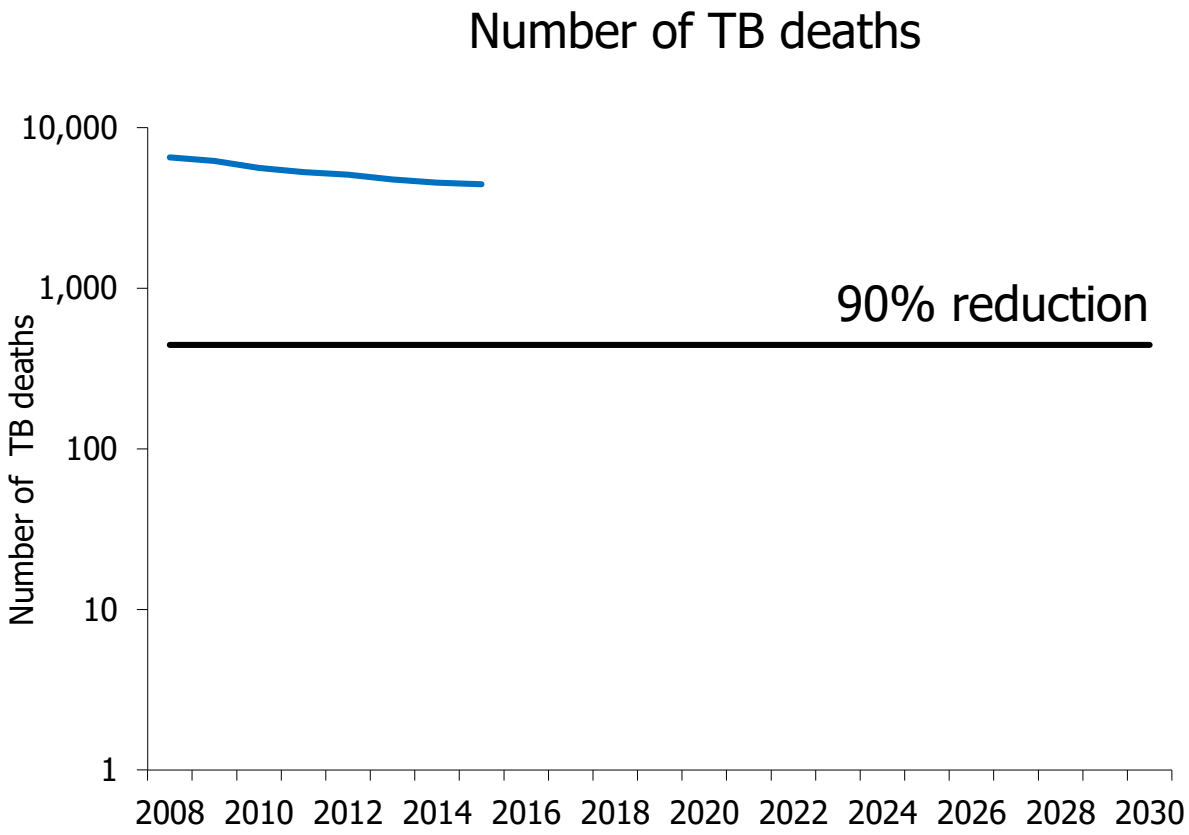
By 2030 compared with 2015

- 90% reduction in number of TB deaths
- 80% reduction in TB incidence rate
- 0% TB-affected families facing catastrophic costs due to TB

Source: World Health Organization, End TB Strategy, A67/11 – 14 March 2014

Progress towards the TB targets, EU/EEA, 2008-2017





Source: Merk et al. Eurosurveillance 2019

Progress towards the TB targets, EU/EEA

TB-affected families facing catastrophic costs due to TB

United Nations High Level Meeting political declaration on TB

To diagnose and successfully treat **40 million TB cases**, including

- 3.5 million children with TB
- 1.5 million people with drug-resistant TB

and

To prevent tuberculosis by provision of preventive treatment to **30 million people**

by **2022**

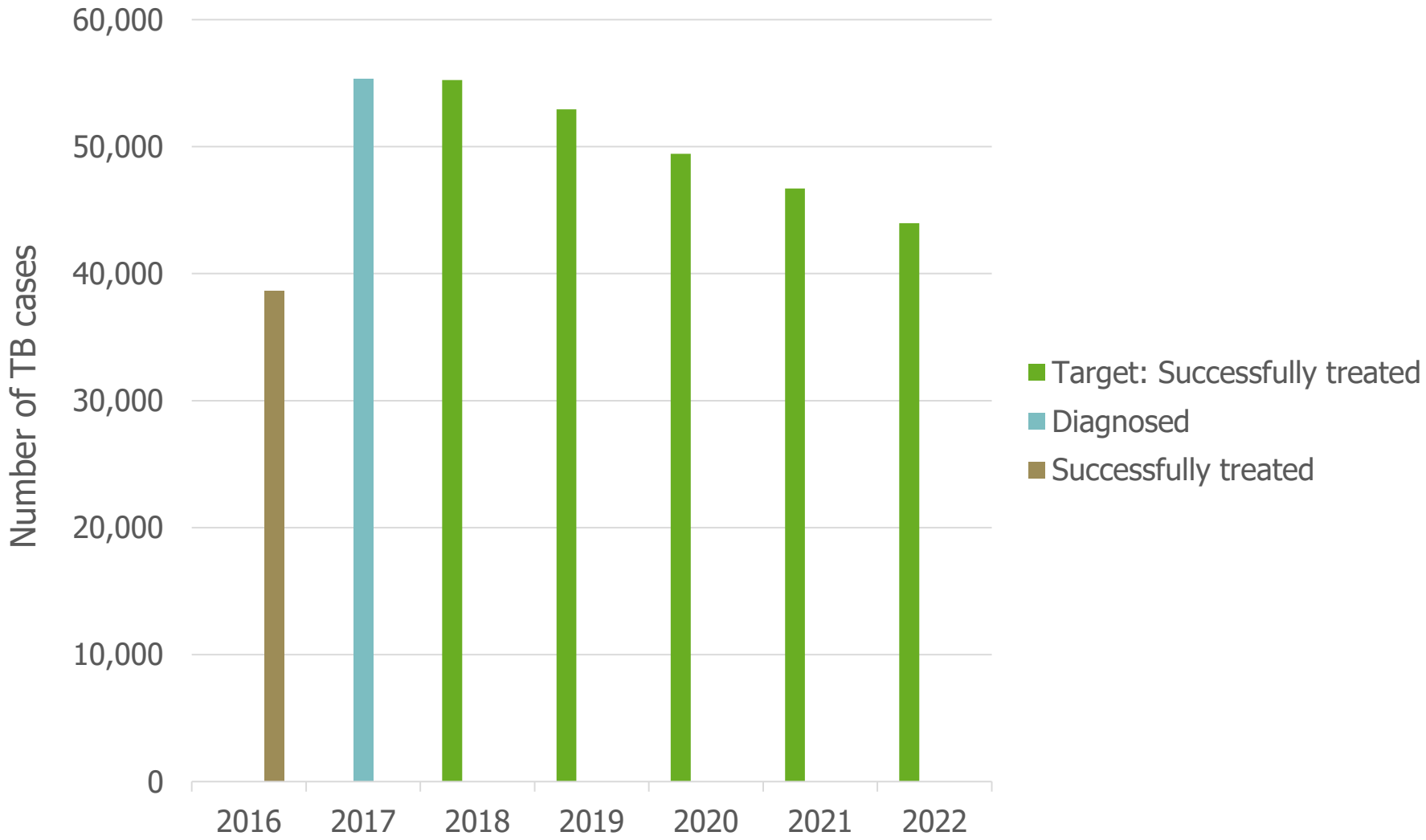
Country level targets proposed by the Stop TB Partnership

Number of cases to be successfully treated in 2018

Country	TB	MDR TB	Childhood TB
Austria	600	4	34
Belgium	1 100	9	66
Bulgaria	1 500	26	100
Croatia	400	0	8
Cyprus	52	0	3
Czech Republic	500	4	14
Denmark	300	0	13
Estonia	200	33	5
Finland	200	5	8
France	5 100	79	300
Germany	6 000	0	300
Greece	400	0	23
Hungary	600	16	10
Iceland	16	0	0
Ireland	300	4	12
Italy	4 300	0	200
Latvia	500	25	12
Lithuania	1 400	256	55
Luxembourg	33	1	2
Malta	45	0	0
Netherlands	800	11	39
Norway	200	10	19
Poland	5 800	44	100
Portugal	1 800	10	54
Romania	12 500	384	600
Slovakia	200	7	45
Slovenia	100	0	4
Spain	4 500	0	300
Sweden	500	10	28
United Kingdom	5 300	48	200
Total EU/EEA	55 246	986	2 554

http://www.stoptb.org/global/advocacy/unhlm_targets.asp

TB cases diagnosed and successfully treated, EU/EEA



Source: ECDC/WHO (2018). Tuberculosis surveillance and monitoring in Europe 2018–2016 data

TB preventive treatment

Global target 30 million people

No country level targets for low burden higher income countries

Preventive treatment coverage of childhood TB contacts aged under five years

- 3 EU/EEA Member States reporting in 2017
- 47.9% coverage

Limited information

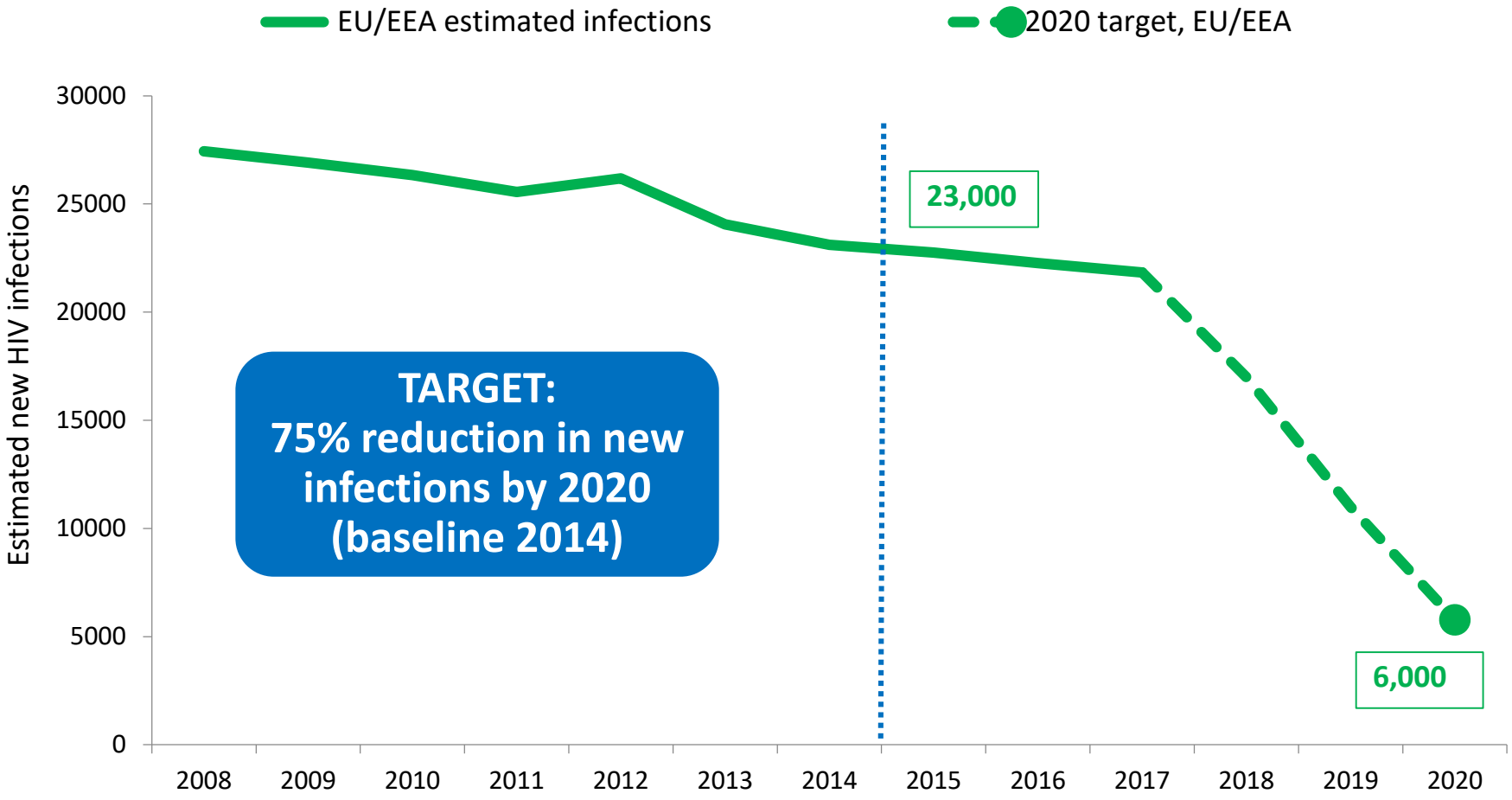
Source: ECDC/WHO (2018). Tuberculosis surveillance and monitoring in Europe 2018–2016 data

UNAIDS targets for 'ending the AIDS epidemic'

By 2020 (Fast-track targets)	By 2030 (SDG targets)
√ To reduce new HIV infections to fewer than 500 000 by 2020	√ Zero new infections
√ To reduce AIDS-related death to fewer than 500 000 by 2020	√ Zero AIDS deaths
√ To eliminate HIV-related stigma and discrimination by 2020	√ Zero discrimination

Source: (UNAIDS 2015). On the Fast-Track to end AIDS. UNAIDS 2016-2021 Strategy

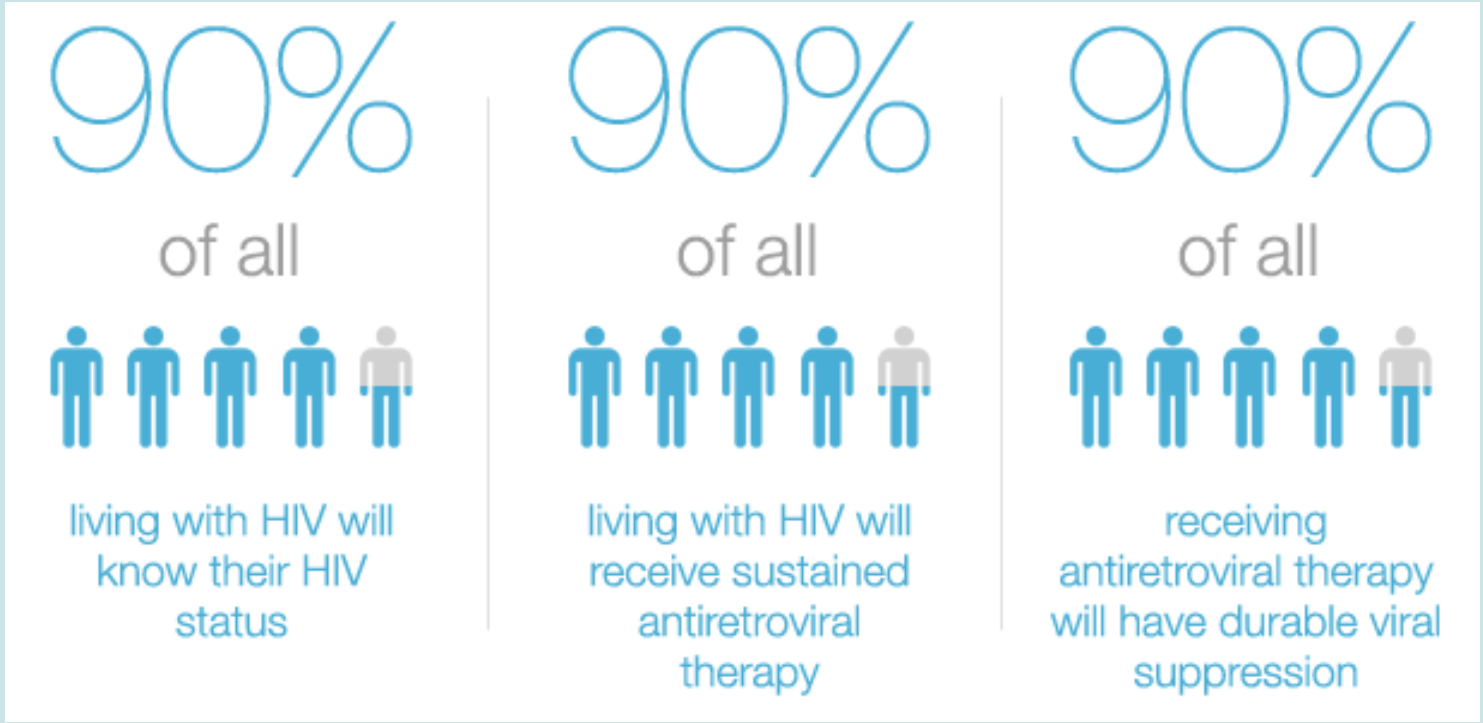
Are we on track to end AIDS?



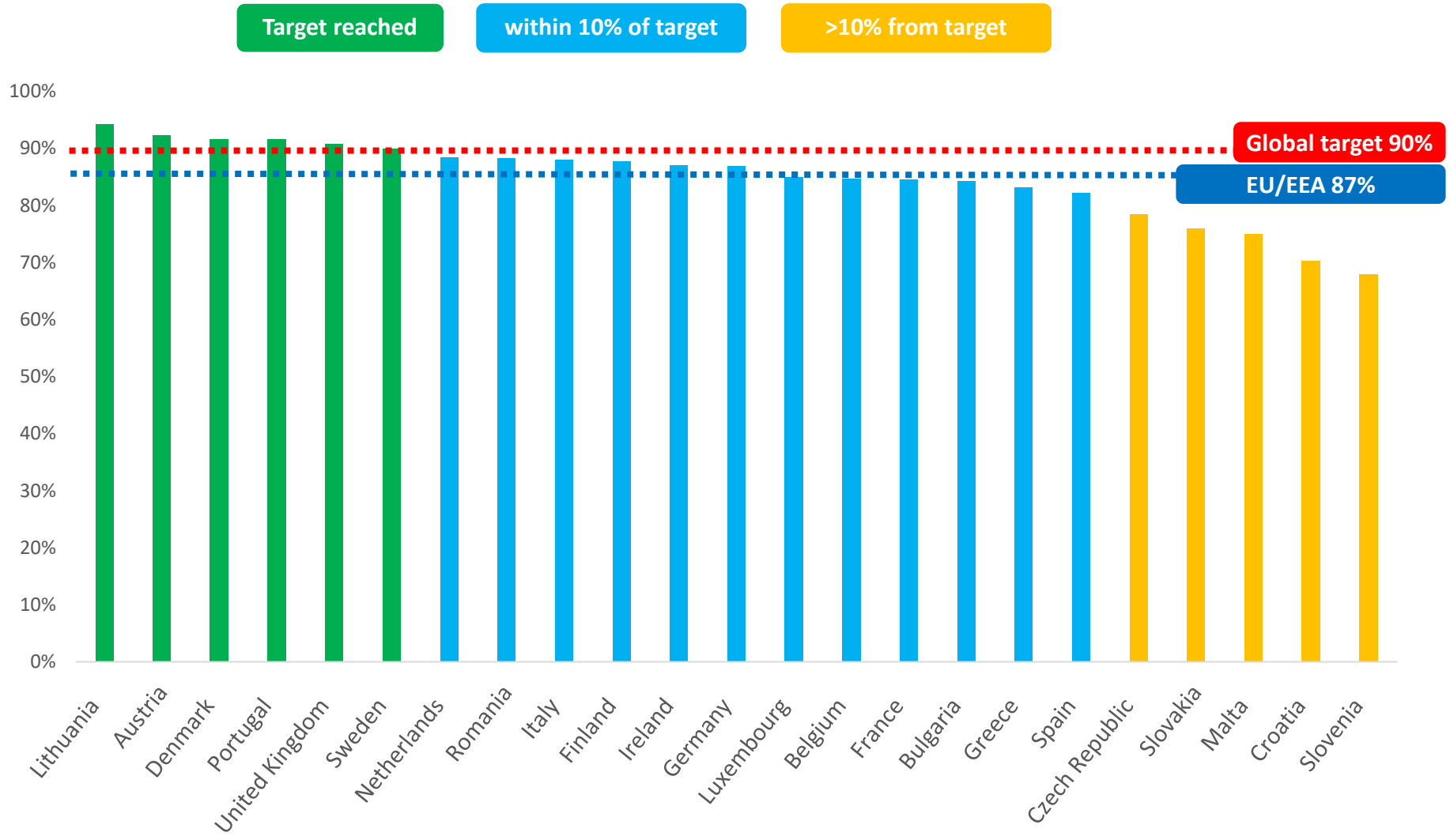
Source: UNAIDS 2018, ECDC/WHO, HIV Surveillance in Europe 2018, 2017 data

UNAIDS targets

By 2020

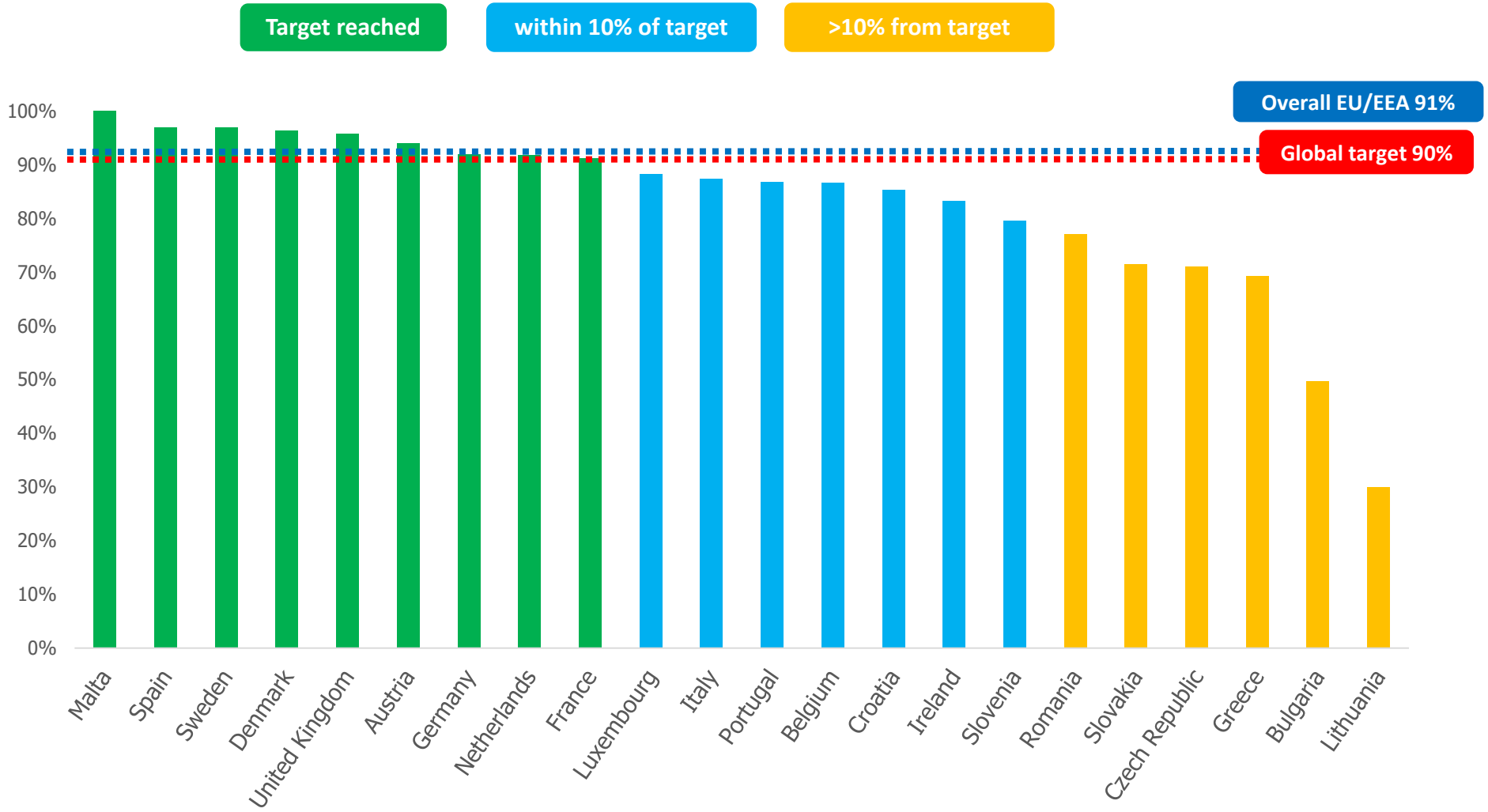


Progress toward achieving the 1st 90:
90% of all PLHIV who know their status (n=23)



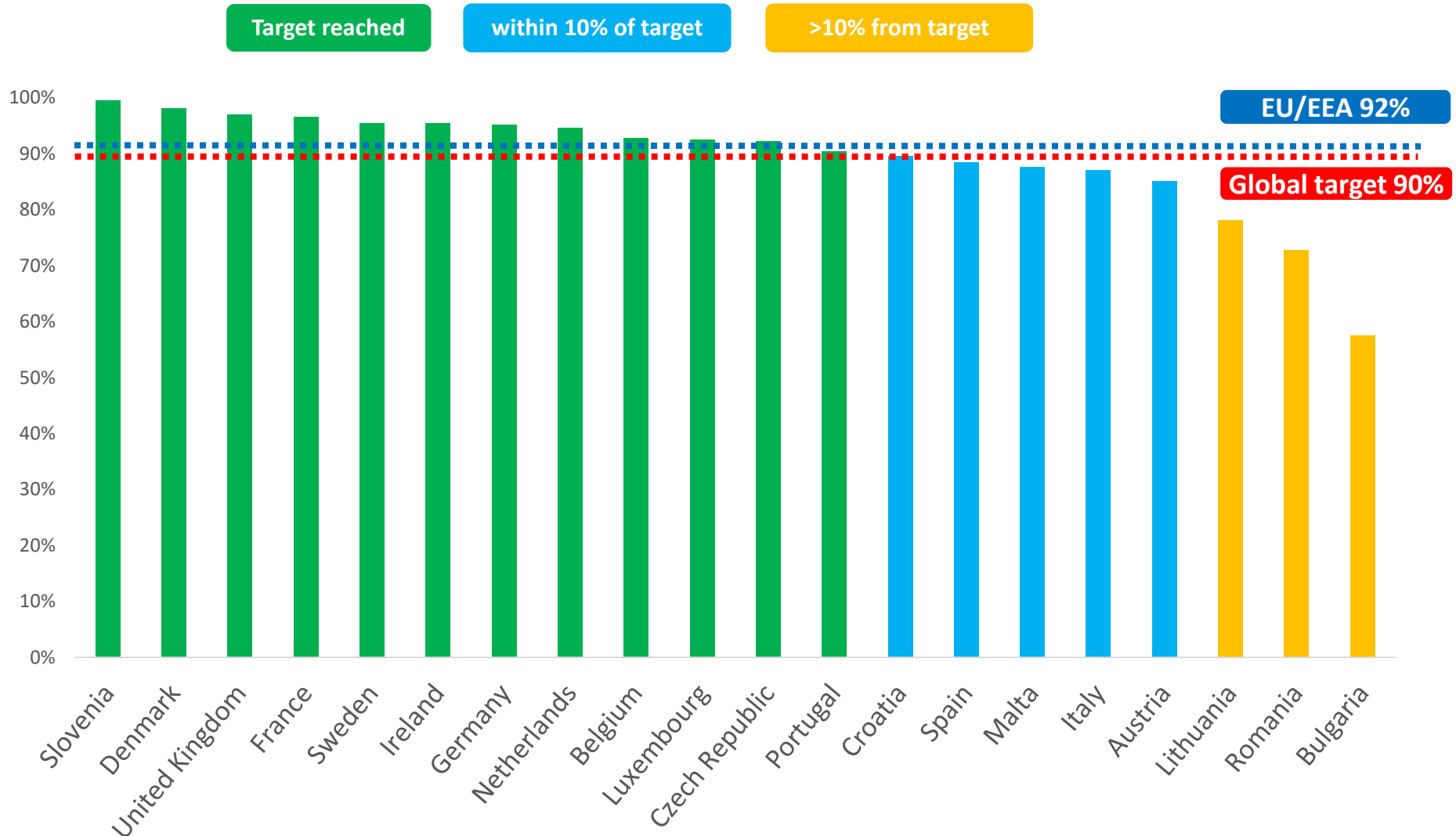
Source: ECDC. Dublin Declaration monitoring 2018; Brown et al Eurosurveillance 2018.
Latest available data reported, ranging from 2014-2017.

Progress toward achieving the 2nd 90:
90% of those diagnosed on ART (n=22)



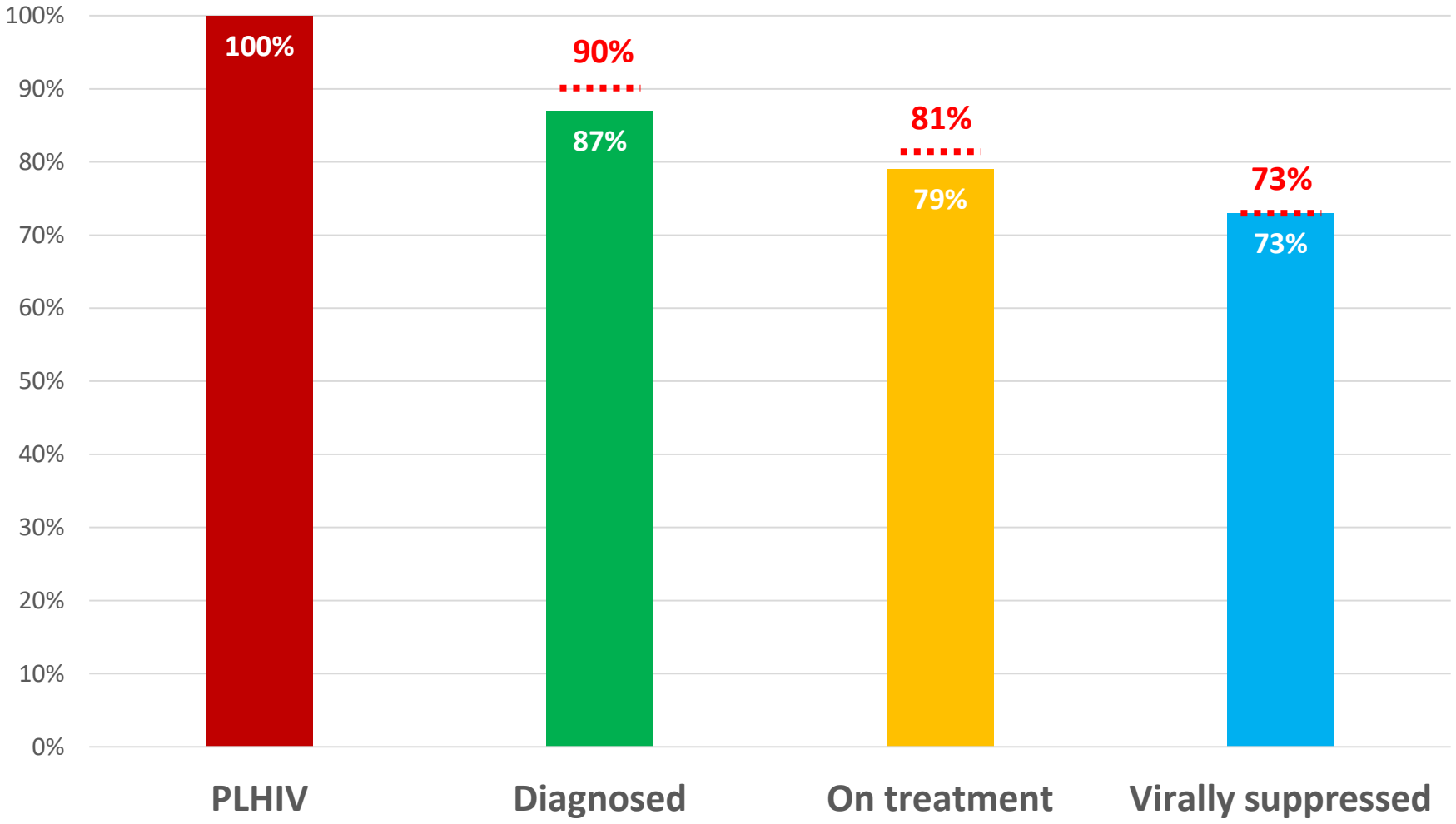
Source: ECDC. Dublin Declaration monitoring 2018; Brown et al Eurosurveillance 2018.
Latest available data reported, ranging from 2014-2017.

Progress toward achieving the 3rd 90:
90% of those on ART virally suppressed (n=20)



Source: ECDC. Dublin Declaration monitoring 2018; Brown et al Eurosurveillance 2018.
Latest available data reported, ranging from 2014-2017.

Summary: Progress toward achieving the 90-90-90 HIV targets in the EU/EEA



ECDC. Continuum of HIV care. Monitoring implementation of the Dublin Declaration on partnership to fight HIV/AIDS in Europe and Central Asia: 2018 progress report. Stockholm: ECDC; 2018

Conclusions

Monitoring

- Some targets are not measured in the EU/EEA
  - % TB-affected families facing catastrophic costs due to TB
  - HIV-related stigma and discrimination
- Not all Member States report on all targets

Tuberculosis

The EU is not on track to reach the SDG targets of 80% reduction in TB incidence and 90% reduction in number of TB deaths

Targets for diagnosis and successfully treated can be reached

HIV/AIDS

The EU is not on track to meet the SDG target of 75% fewer infections

90-90-90 targets can be reached

Acknowledgements

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ECDC TB programme staff

Nominated operational contact points for HIV and TB surveillance from European Union/European Economic Area (EU/EEA) Member States