

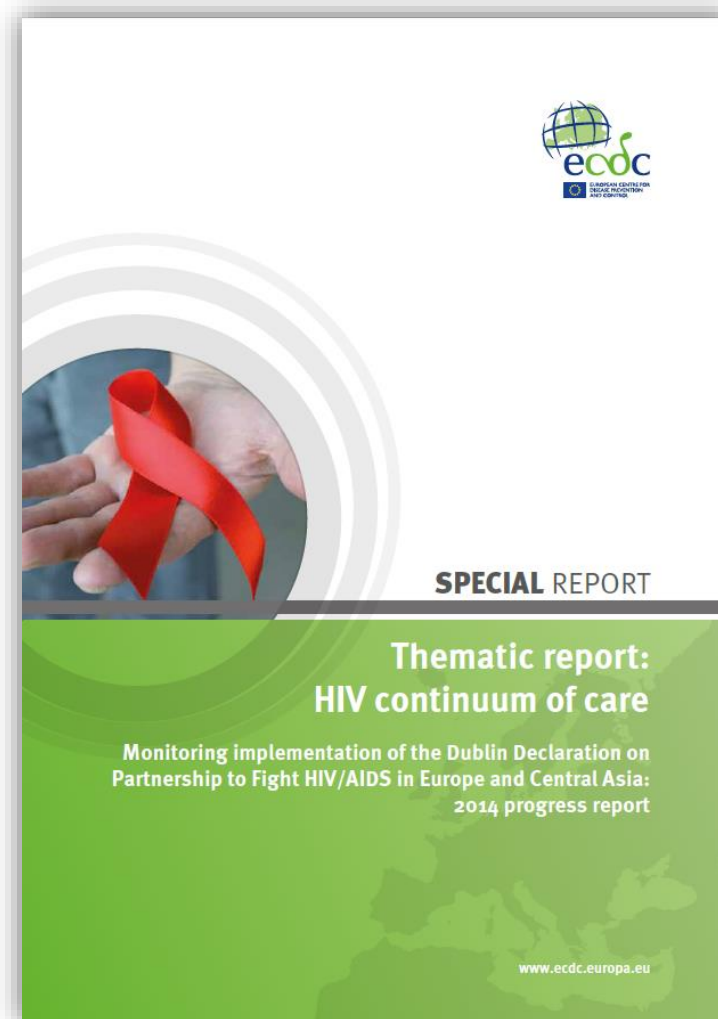


Understanding and improving the HIV continuum of care

Anastasia Pharris and Teymur Noori, ECDC
HepHIV 2017
2nd February, 2017

Outline

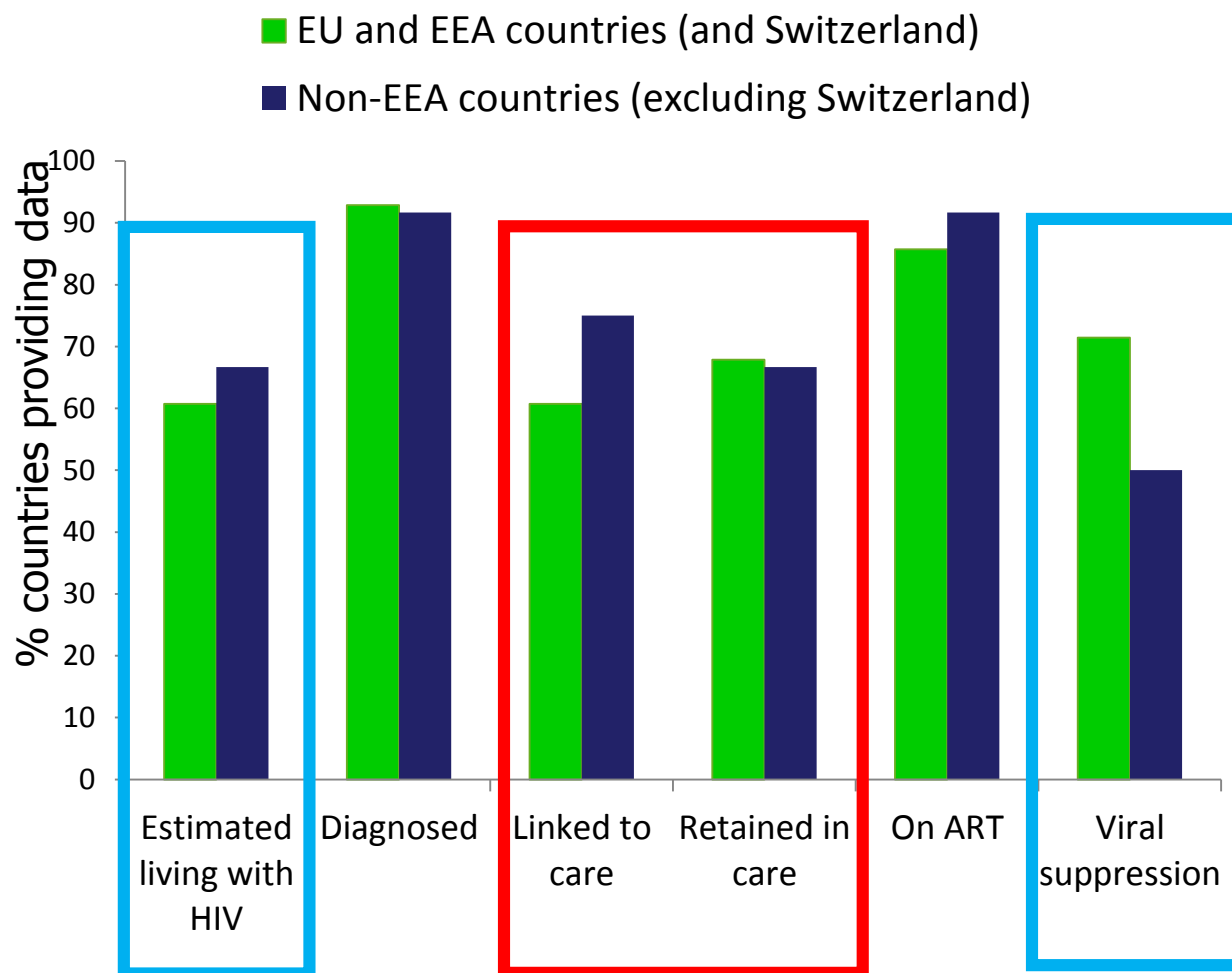
- Data availability
- Definitions
- Preliminary results from Dublin 2016
- Improving measurement



Continuum of care data availability in Europe, 2014

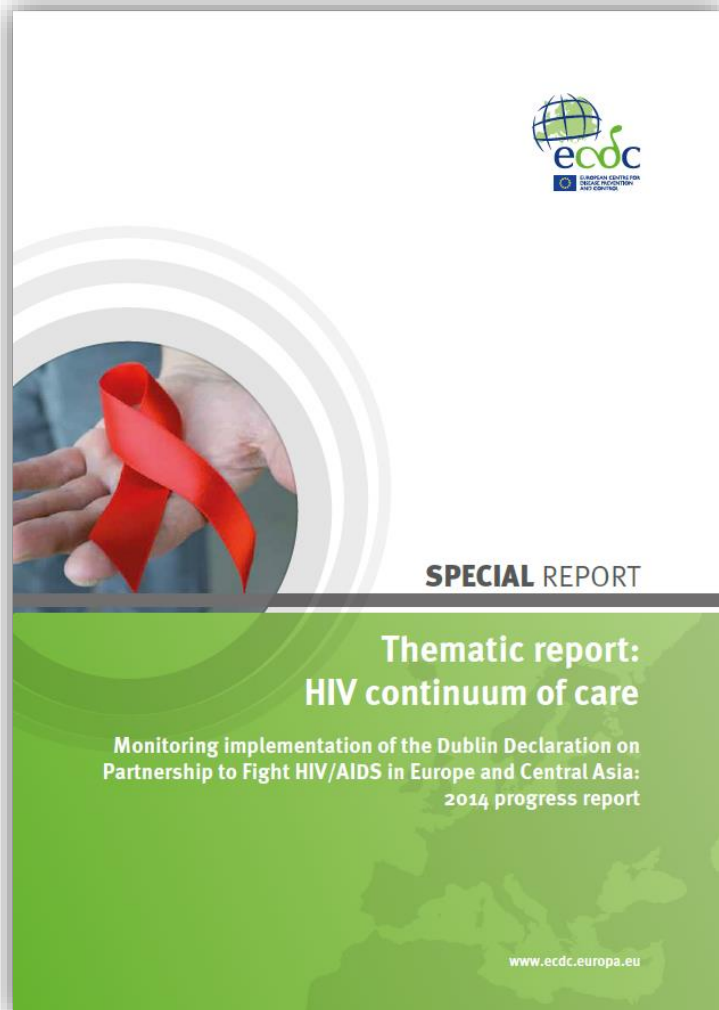
Data gaps

- Only 13 countries* able to report on all six elements (24%)
- Lack of standardised definitions and methodology

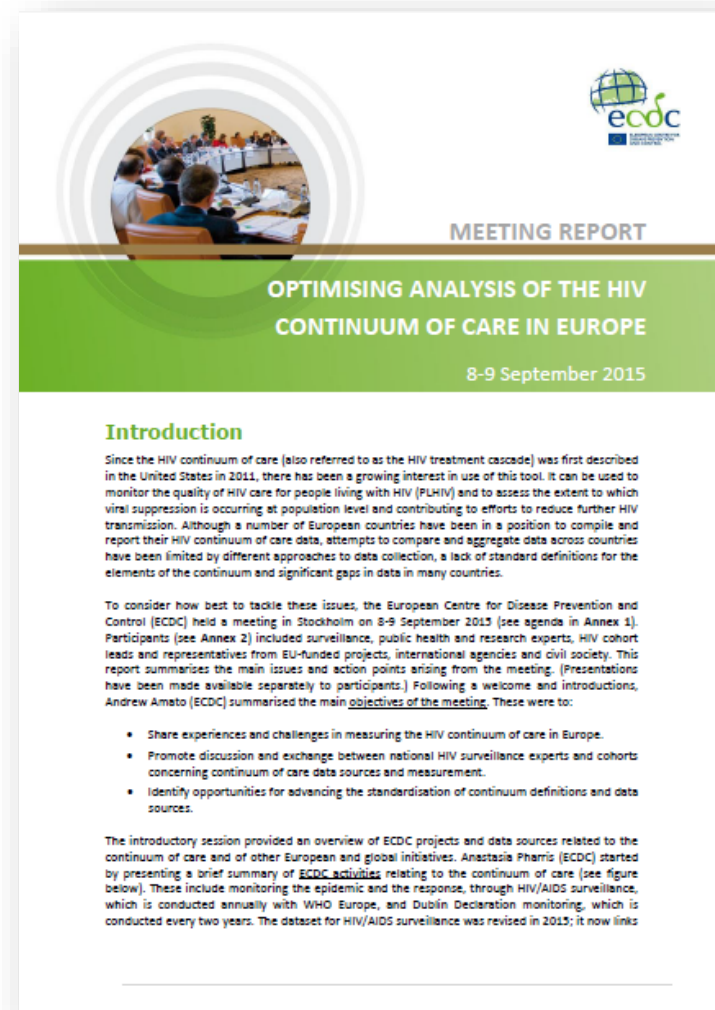


*Armenia, Austria, Azerbaijan, Bulgaria, Denmark, Georgia, Luxembourg, Netherlands, Romania, Serbia, Spain, Switzerland and the UK

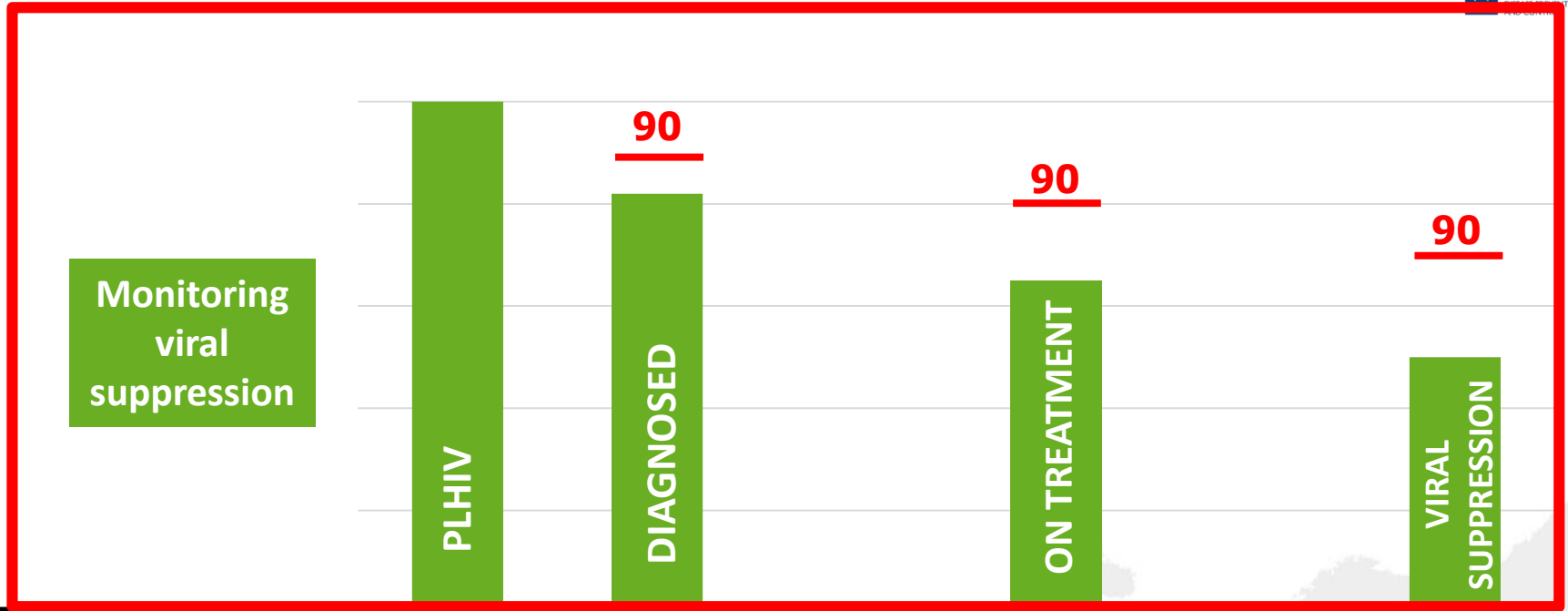
2014



2015



Monitoring a 4-point continuum



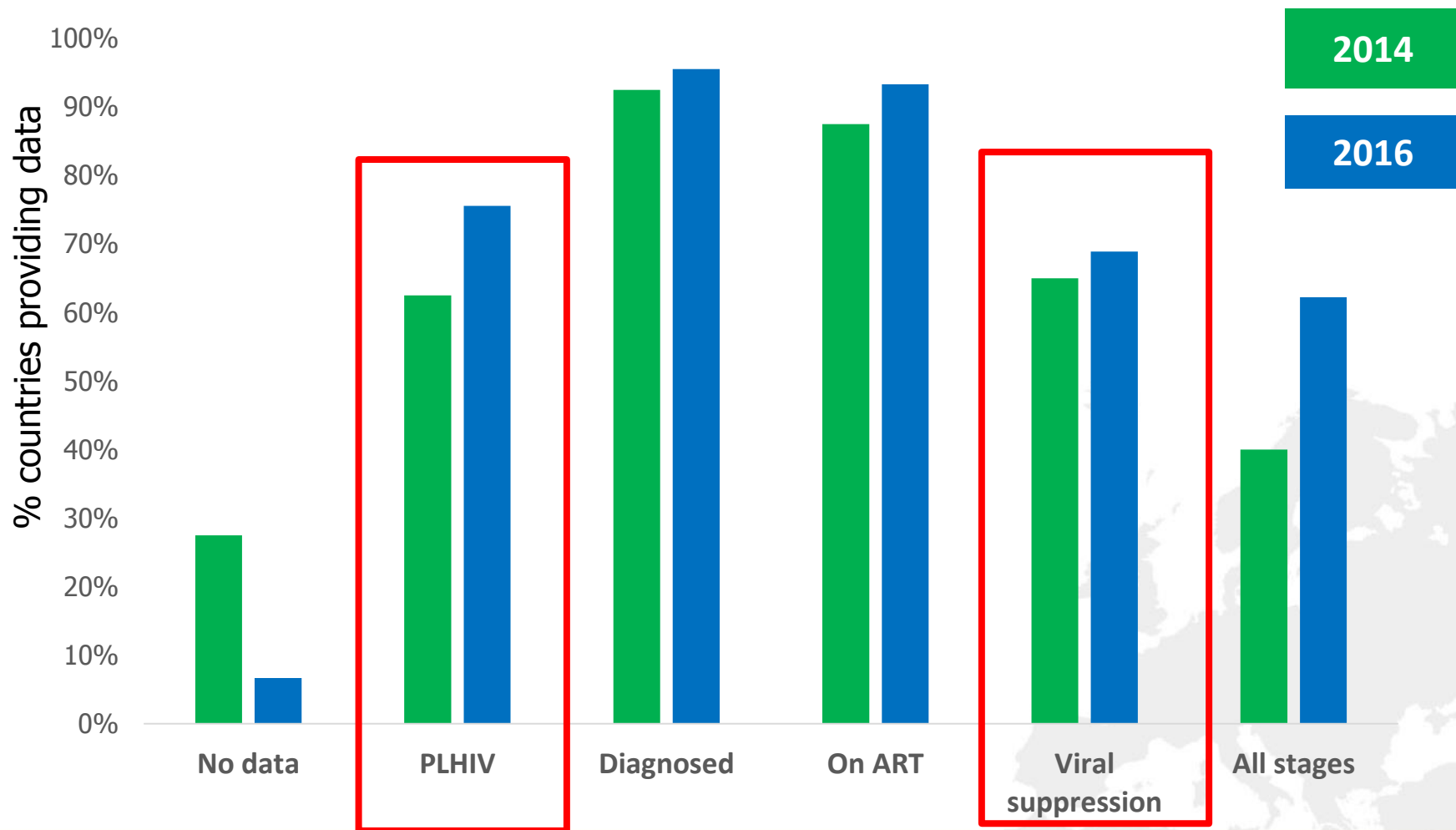
Monitoring quality of care

LINKAGE TO CARE

RETENTION ON ART

Data availability on the continuum of care in Europe and Central Asia

Dublin 2014 (n=40) vs 2016 (n=45)



People living with HIV

All HIV-positive individuals,
diagnosed and undiagnosed,
who are living in the country at
the end of a given year

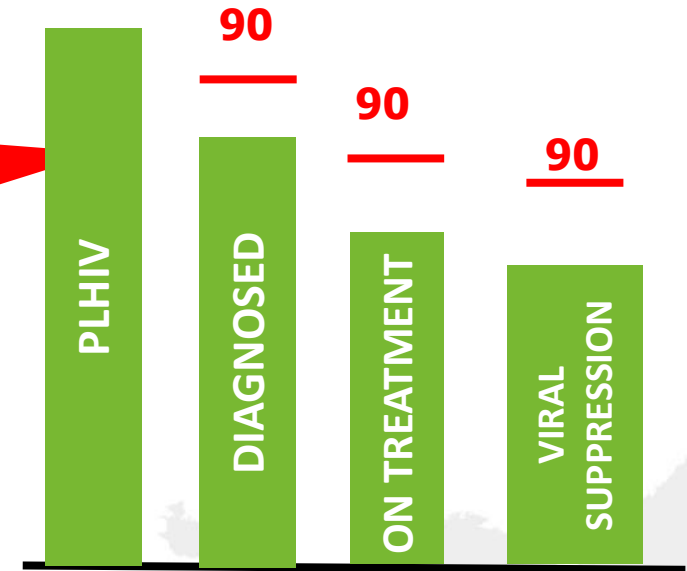
Methods

- ✓ Modelling
- ✓ Prevalence surveys



Data considerations

- ✓ Complete surveillance data
- ✓ Understanding of deaths and out-migration



Diagnosed

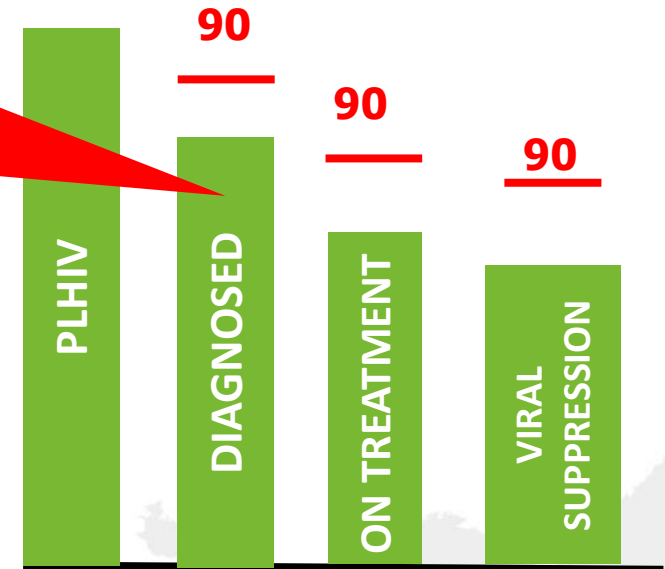
All HIV-positive diagnosed individuals who are living in the country at the end of a given year

Methods/data sources

- ✓ Surveillance data
- ✓ Clinical registries, cohort data

Data considerations

- ✓ Complete surveillance data
- ✓ Understanding of deaths and out-migration



On ART

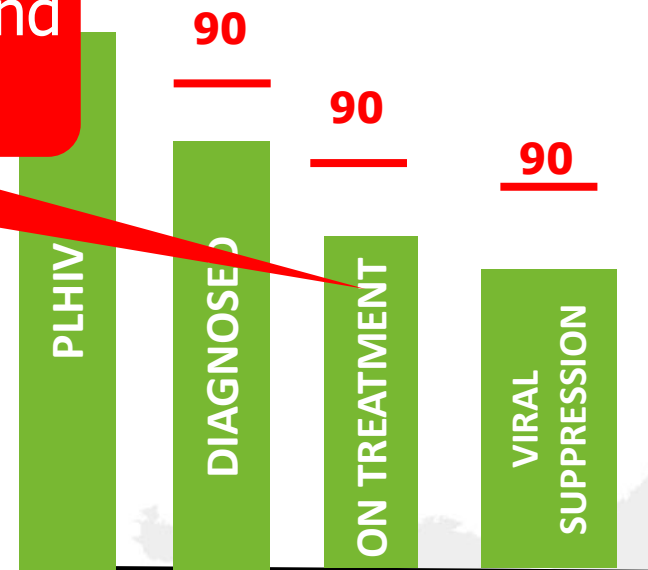
Number of persons who have started and are still taking ART

Data sources

- ✓ Treatment registries
- ✓ Clinical registries, cohort data
- ✓ Surveillance data

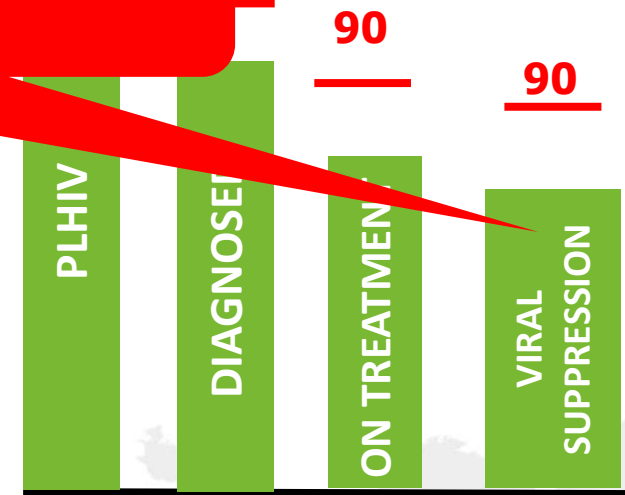
Data considerations

- ✓ Addressing loss to follow-up, transfer of care



Viral suppression

Number of persons with a viral load <200 copies/mL at last measurement



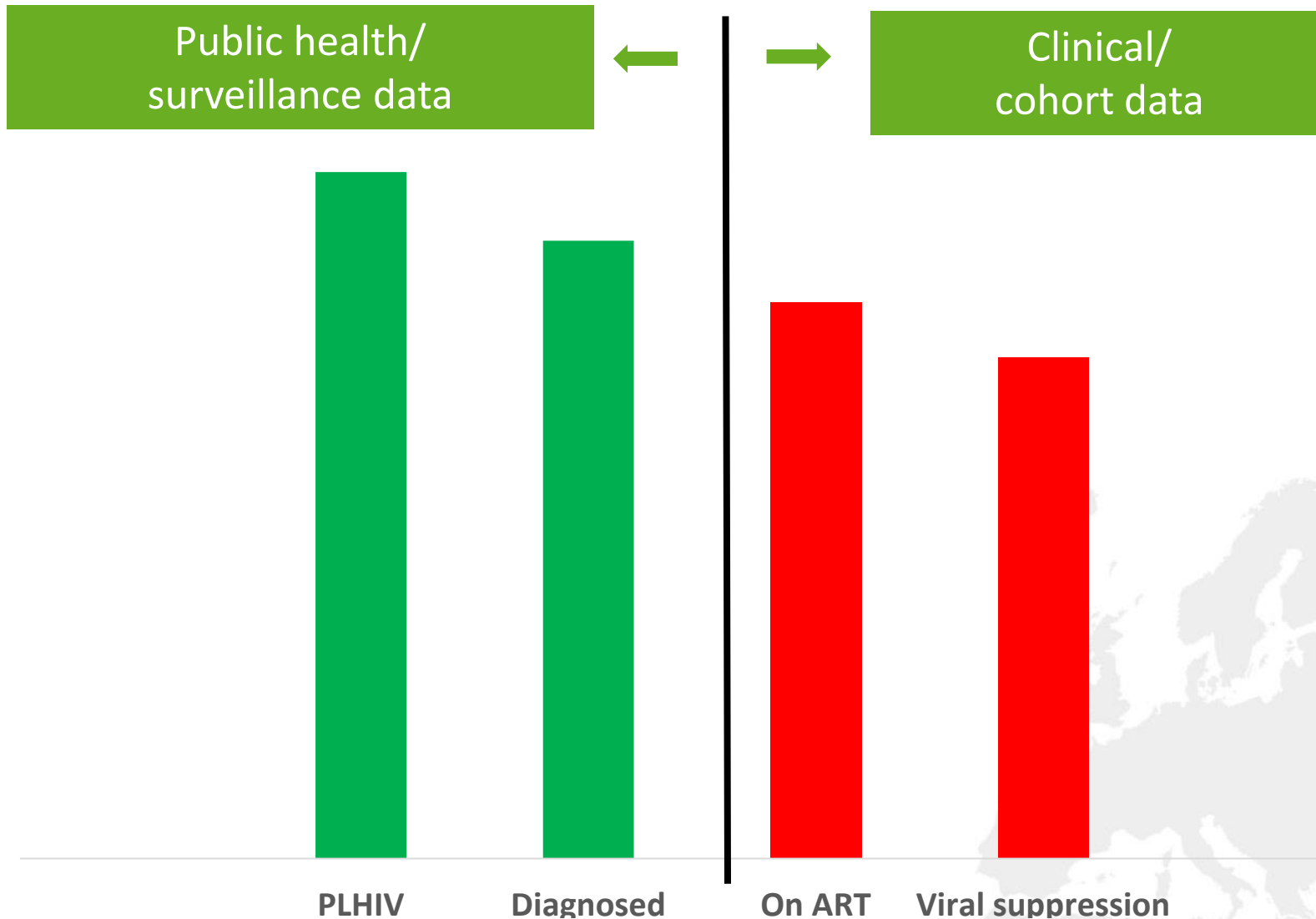
Data sources

- ✓ Treatment registries
- ✓ Clinical registries, cohort data
- ✓ Surveillance data

Data considerations

- ✓ Addressing missing data, infrequent VL measurement, loss to follow-up, transfer of care

Bringing together HIV surveillance and clinical data



Fast Track Targets

Target 1

90%

of all



living with HIV will
know their HIV
status

Target 2

90%

of all



living with HIV will
receive sustained
antiretroviral
therapy

Target 3

90%

of all



receiving
antiretroviral therapy
will have durable viral
suppression

=

73%

of all PLHIV will
have durable viral
suppression

Conclusions

- Availability of continuum of care data has increased
- Main data gaps: PLHIV and viral load suppression
- Europe may appear reasonably close to reaching the stand-alone 90-90-90 targets, **but**



Looking forward

- Public health, community and clinical actors should examine and address CoC results nationally
 - Data availability and quality
 - Disaggregate data by key population, region
- Need for strong HIV surveillance and clinical data structures which collaborate to measure and address CoC
- ECDC project to support countries to improve CoC estimates going forward

Do not look at the CoC in isolation!

PREVENTION!

**Quality
of life for
PLHIV**

PLHIV

Diagnosed

On ART

Viral
suppression

Linkage to care

Retention in care

AIDS deaths

Care quality

Acknowledgements



Dublin Declaration advisory group

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