

# Overcoming obstacles in the treatment of tuberculosis: from strategy to action

## Regional strategy for the provision of integrated services for people living with HIV, tuberculosis and viral hepatitis as an example of Odessa region

Svitlana Esipenko

Municipal non-profit enterprise "Odessa regional centre of socially significant diseases"



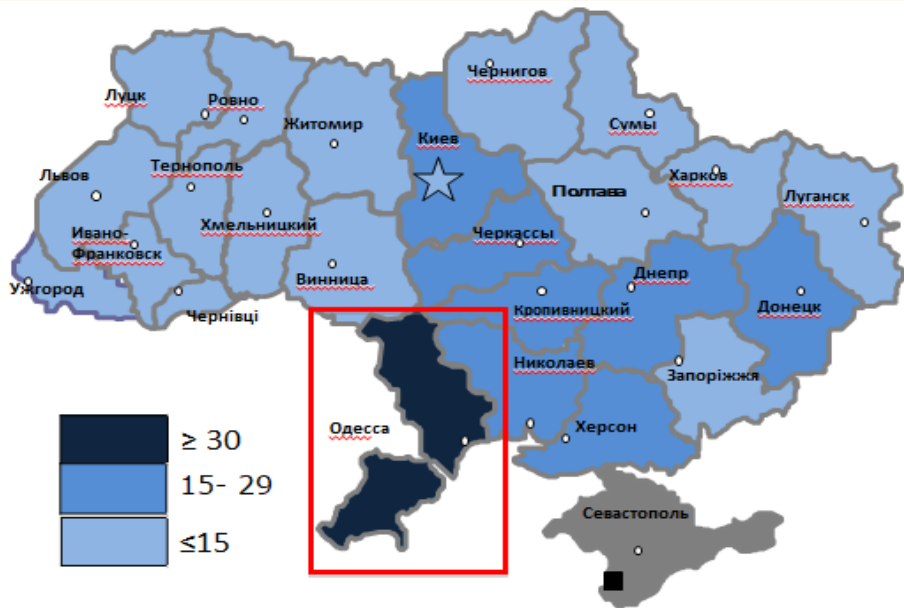
МІНІСТЕРСТВО  
ОХОРОНИ  
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УКРАЇНИ

9<sup>th</sup> Regional TB Symposium  
Kyiv, Ukraine 5 – 6 March 2020

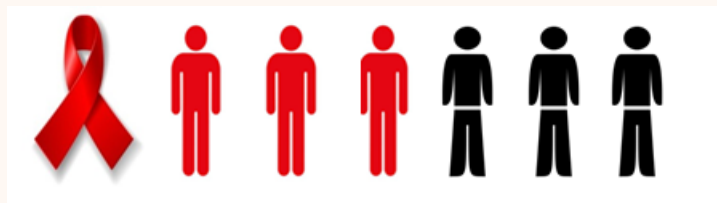


# Gaps in the provision of services in the region

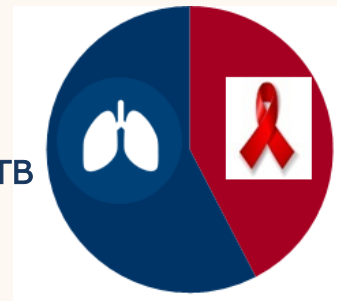
TB/HIV incidence, Ukraine, 2018  
per 100 thousand of population



Annually **3.5 thousand of people** get TB



2/3 deaths  
from HIV are related to TB



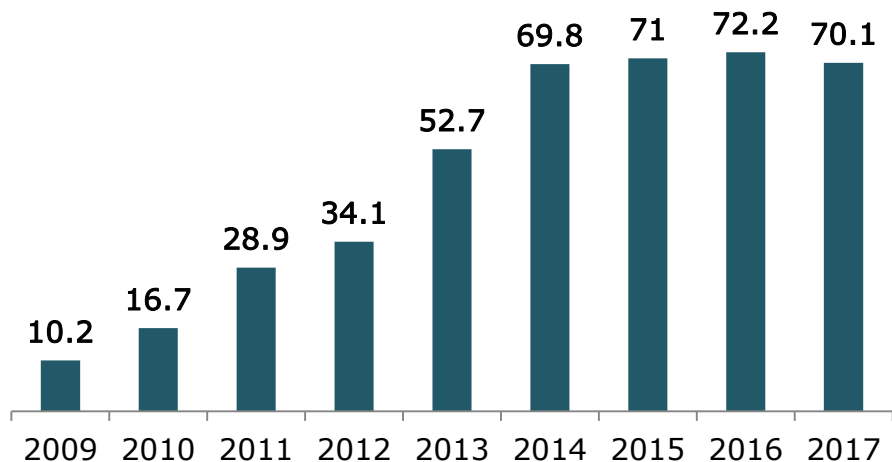
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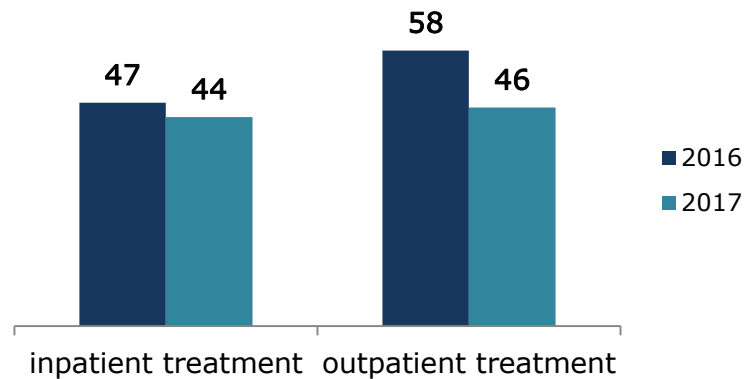
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# Go through kilometers to overcome barriers

Coverage of ART for TB/HIV patients, %



The average duration of the ART prescription to TB/HIV patients, in days



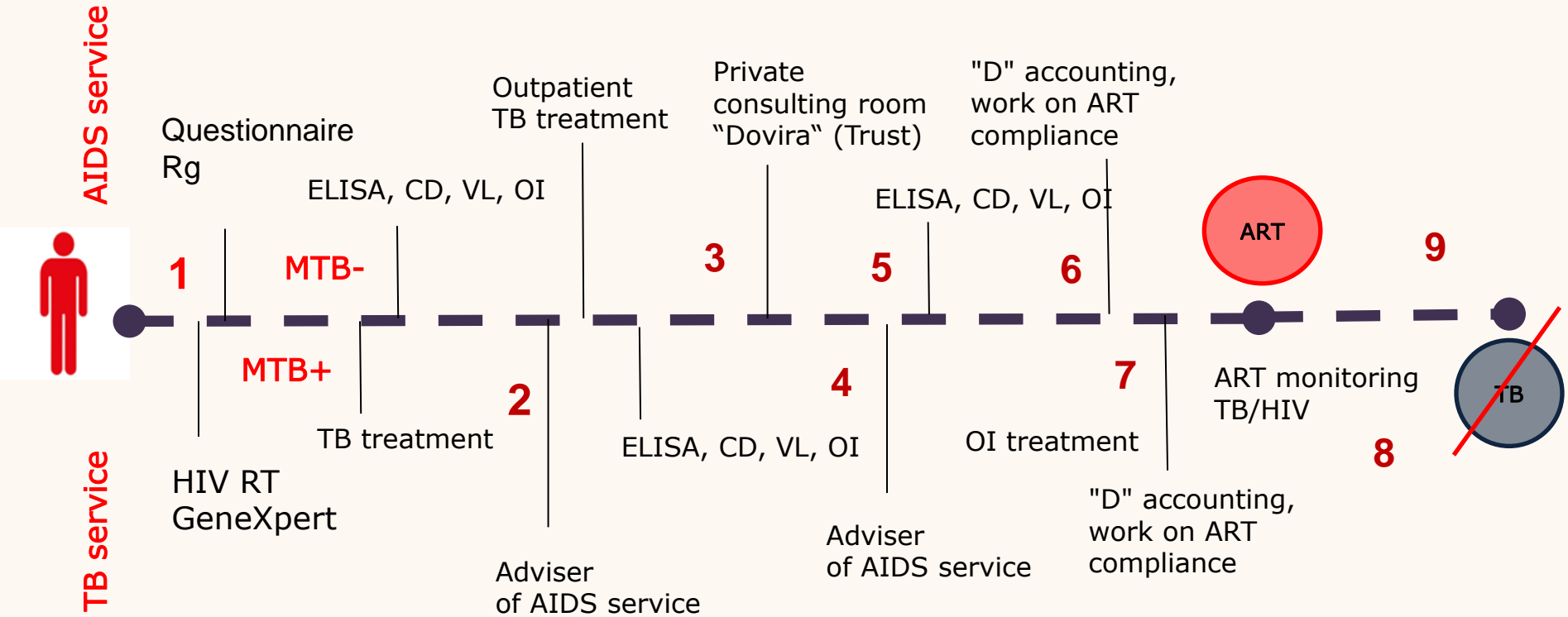
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# ROUTE

## of TB/HIV patient in Odessa region



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# STEPS TO ACHIEVE GOALS!



Roadmap for improving TB services in the region with the organization of integrated and people-oriented medical and social assistance



bold policy and support systems



Conduction of studies, implementation of innovations



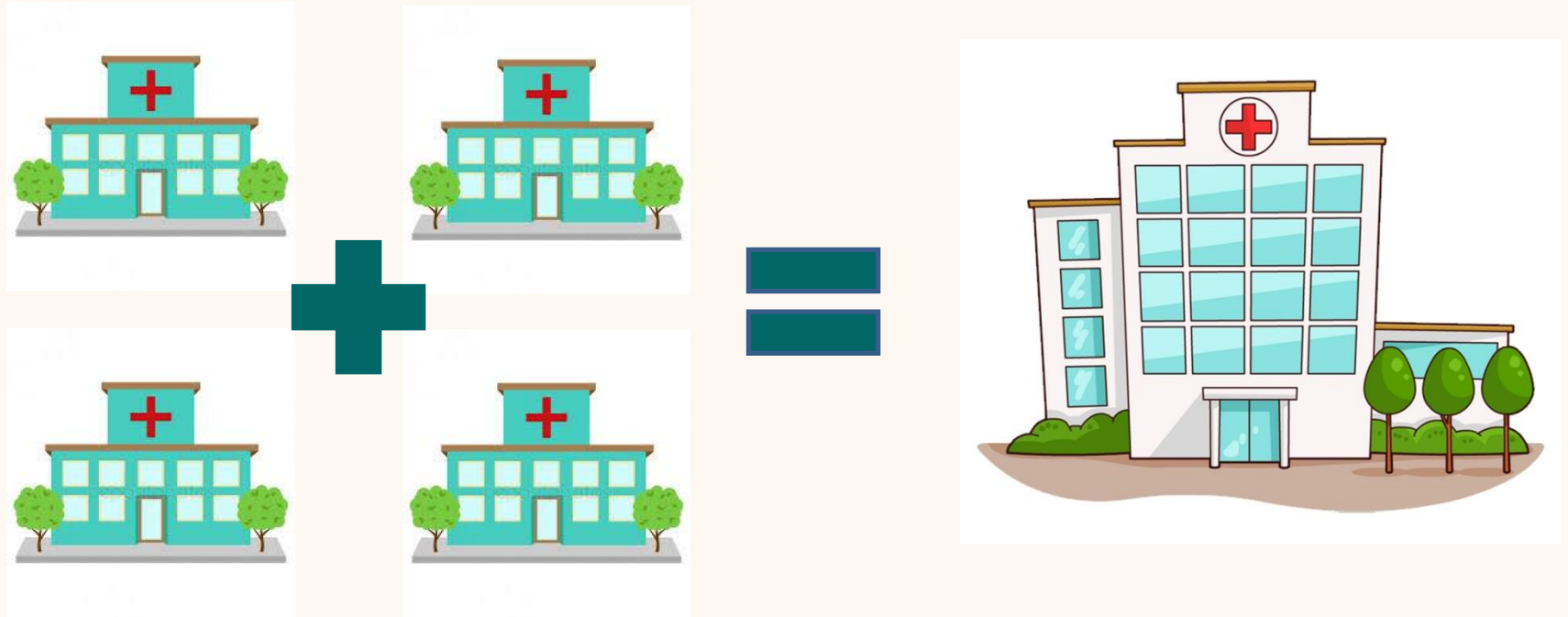
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# ACT NOW!

☑ leadership, innovation and management enthusiasm



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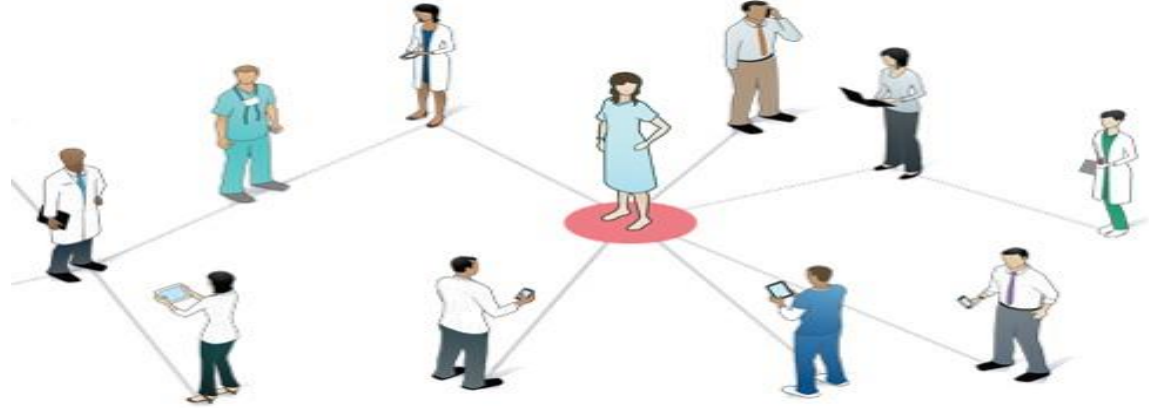
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# Integrated Human-Oriented Approach



ORC/SSD/ORC



Vaccination

Social support

Family doctor

ART

Index testing

Diagnostics and Treatment of STD

TB screening

LTBI

Services for HIV testing

Condoms

TB treatment

OI treatment

TB treatment monitoring

OI prevention

Laboratory monitoring of ART

Post-exposure prophylaxis

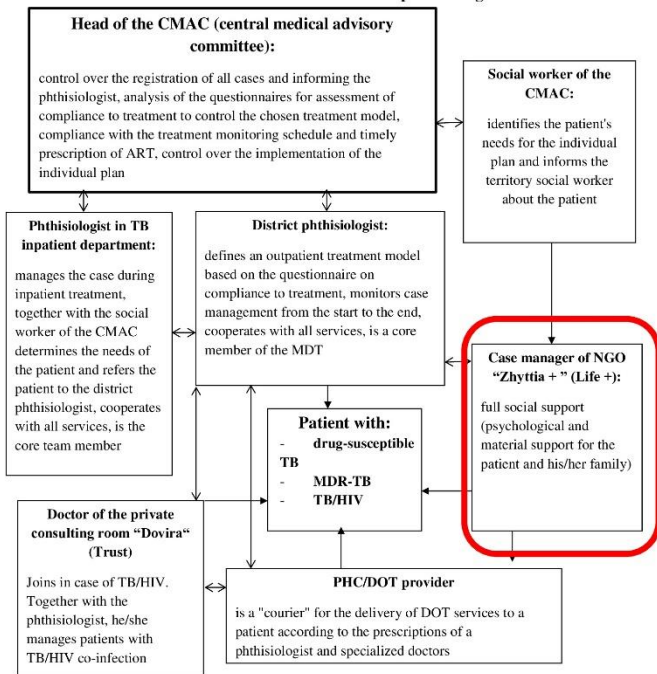
PrEP

Hepatitis treatment

SMT

# Compliance to TB treatment and ART

**Organization of work of multidisciplinary team (hereinafter referred to as MDT) on management of cases of drug-susceptible TB, MDR-TB and co-infection of TB/HIV at the outpatient stage**



**Algorithm for support of TB/HIV patient in need of ART and in need of social worker support for compliance to treatment**

1. After HIV registration in a patient with tuberculosis or registration of changes in tuberculosis in a HIV-positive patient phthisiologist informs him/her about the need for ART and treatment support through personal contact: doctor-patient-NGO
2. To build compliance to therapy, the phthisiologist provides information on organizations and institutions in the region that provide social and psychological assistance.
3. The physician asks the patient to fill out an Informed Consent for the processing of personal data, indicating the list of medical institutions and the name of the non-governmental organization to which the patient allows to submit information about his/her status and to obtain his/her signature
4. The personal data of the patient and his/her contact telephone number are then transferred to the social worker of the respective organization
5. The social worker conducts the first meeting with the client to assess the client's needs/obstacles affecting the initiation of treatment/effective treatment, motivation to participate in the project, and planning work with the client. A screening assessment of the client on the readiness for ART and the level of compliance to receive medical services through a structured interview is conducted during the first consultation.
6. Conclusion of agreement between the social worker of the organization and the client.
7. After receiving the personal consent of the patient for support by an employee of the non-governmental organization "Zhyttia plus" (Life plus), the phthisiologist prepares the following documents:

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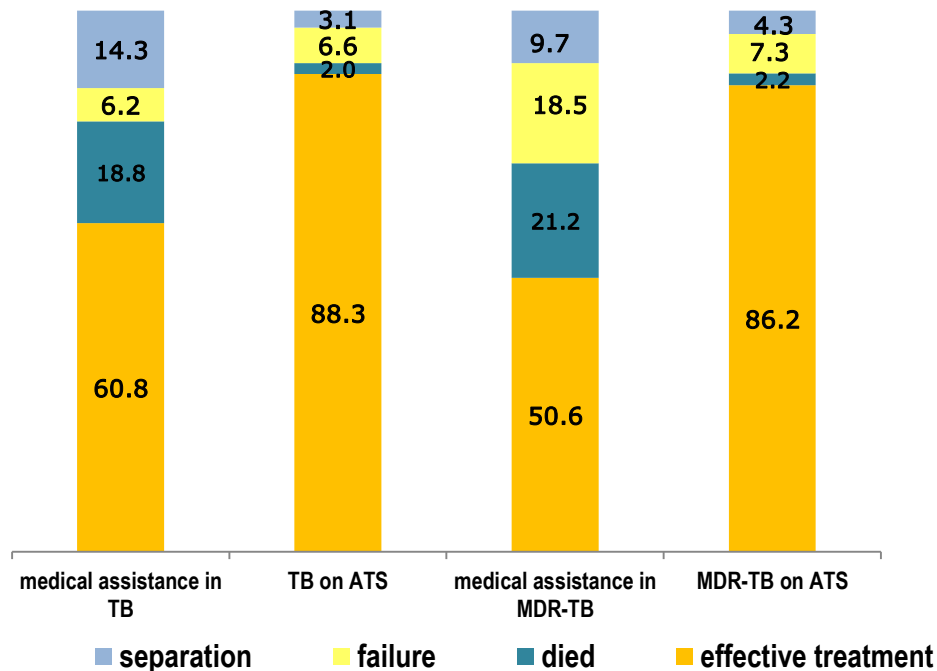
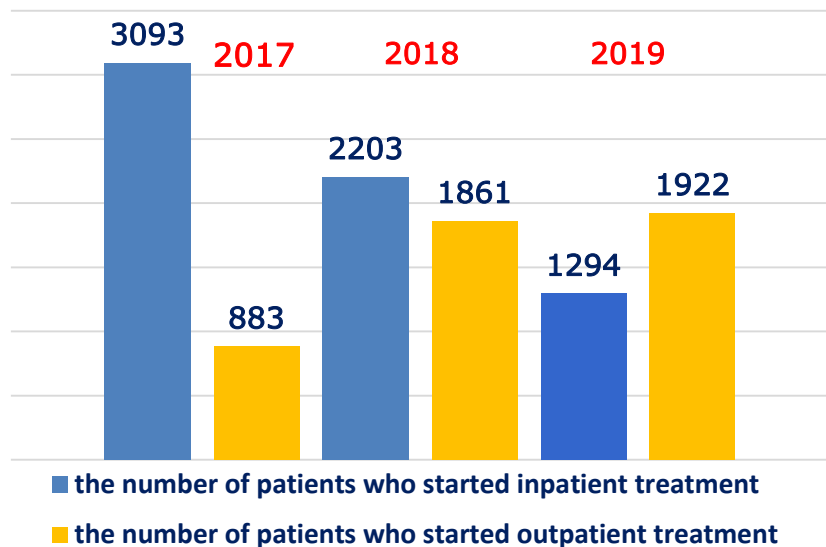
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# The impact of psychosocial support on treatment outcomes for TB and MDR-TB, 2019

2/3 of the patients started outpatient treatment

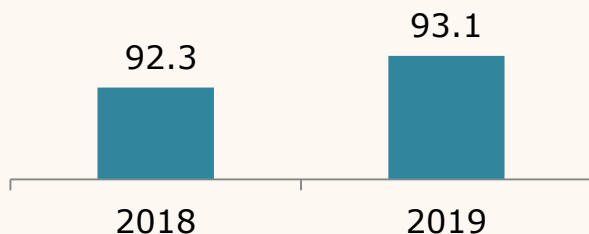


## Модель покращення

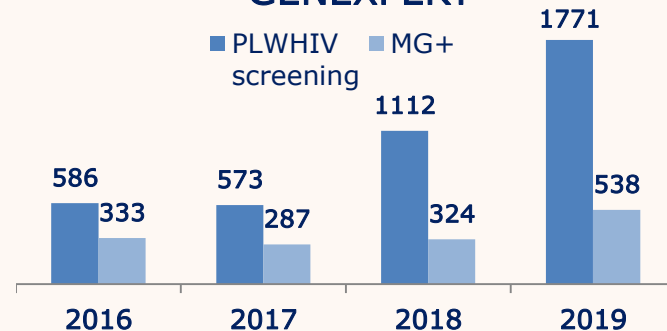


# Quality Improvement Model QI

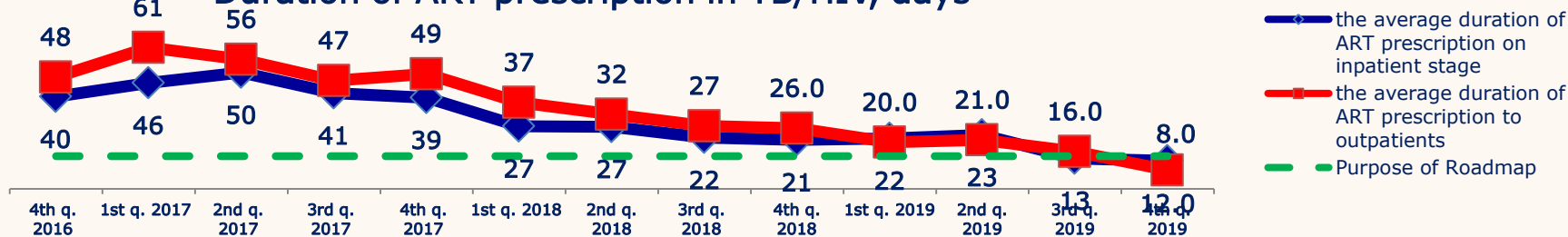
### TB/HIV ART coverage, %



### TB detection among PLWHIV GENEXPERT



### Duration of ART prescription in TB/HIV, days



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