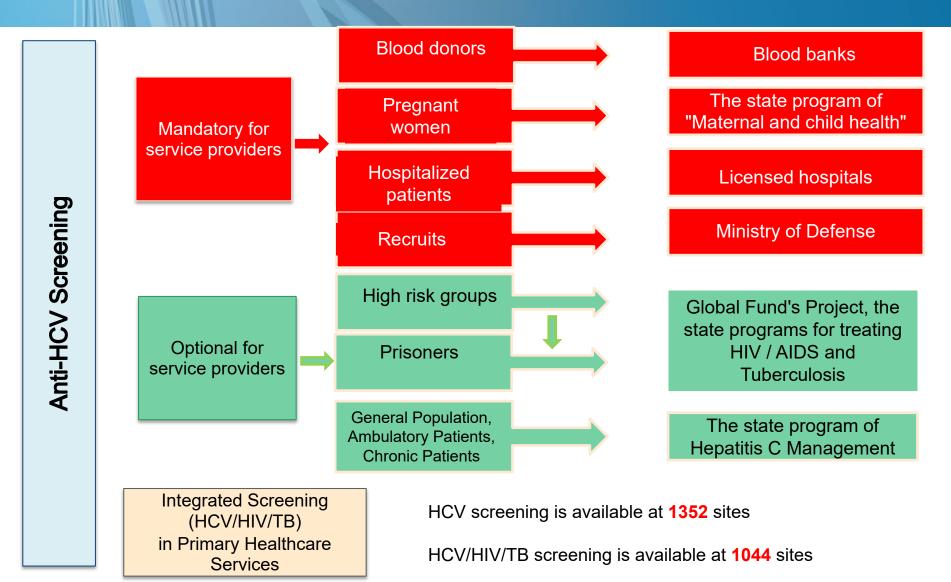
5th HEPATITIS C TECHNICAL ADVISORY GROUP TAG Meeting

TAG 2018 RECOMMENDATIONS, STATUS OF HCV SCREENING: SUCCESSES, CHALLENGES, AND PLANS TO ADDRESS CHALLENGES

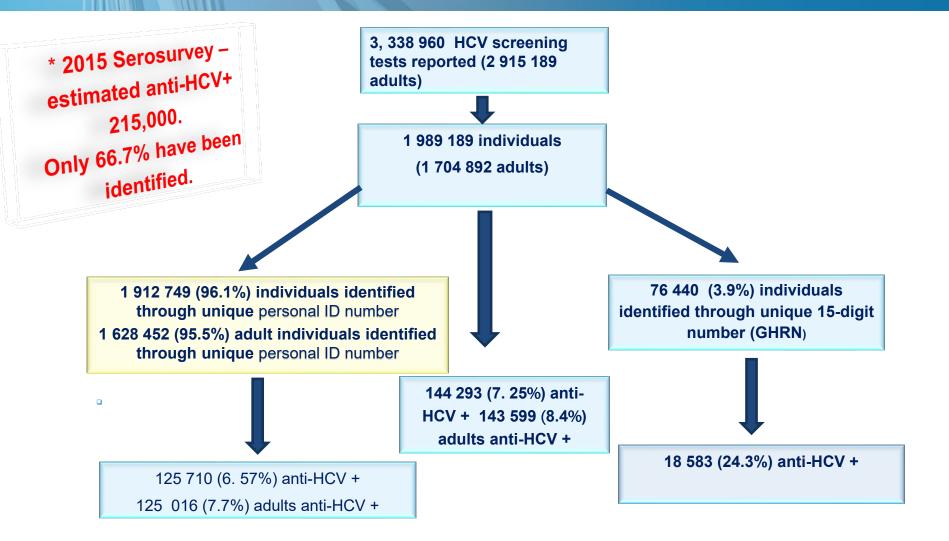
Amiran Gamkrelidze, MD, PhD, Professor National Center for Disease Control and Public Health

2016-2020 **Universal Screening – Road to Elimination** STRATEGIC PLAN Goal Promote advocacy, awareness and Elimination of HCV by ensuring prevention, education, and partnerships for HCV diagnostics and treatment of the disease associated resource mobilization Prevent HCV transmission **Targets** Target by 2020 -2.8 million adults screened Identify persons infected with 90-95-95 HCV Actual by November 2019 – more then 1.7 million adults screened Improve HCV laboratory **By 2020** diagnostics 90% of people living with HCV are diagnosed (n=135,000) \checkmark 95% of those diagnosed are treated (n=128,250) Provide HCV care and treatment \checkmark 95% of those treated are cured (n=122,000) Improve HCV Surveillance

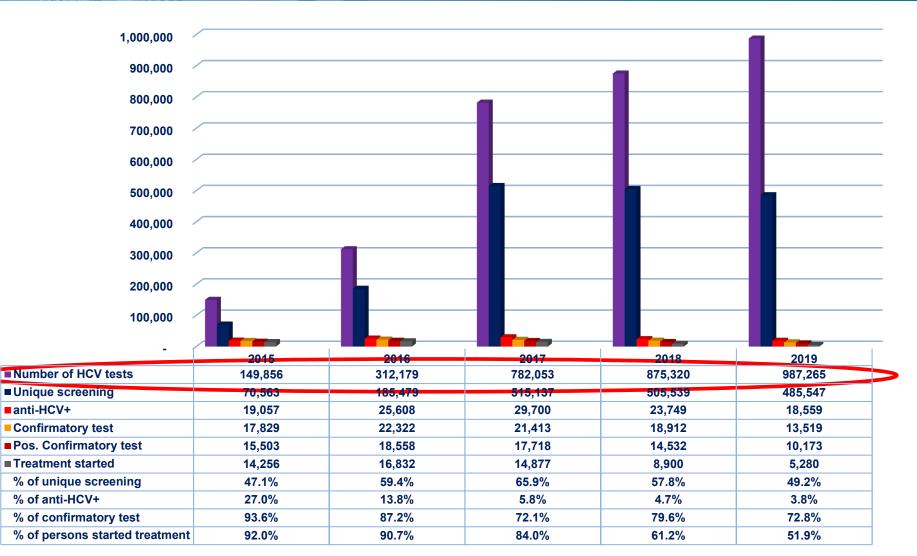
Screening Groups



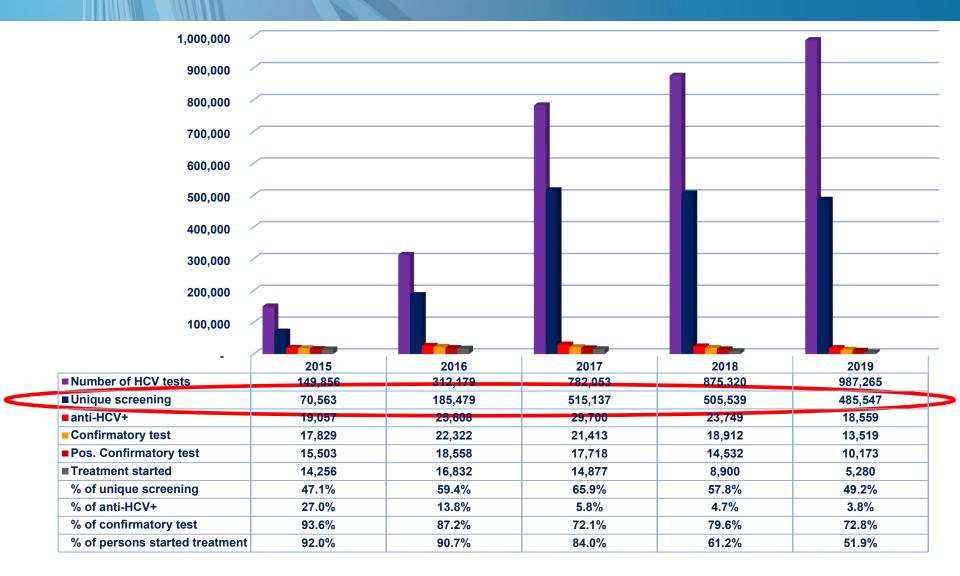
Screening Results, November 10, 2019



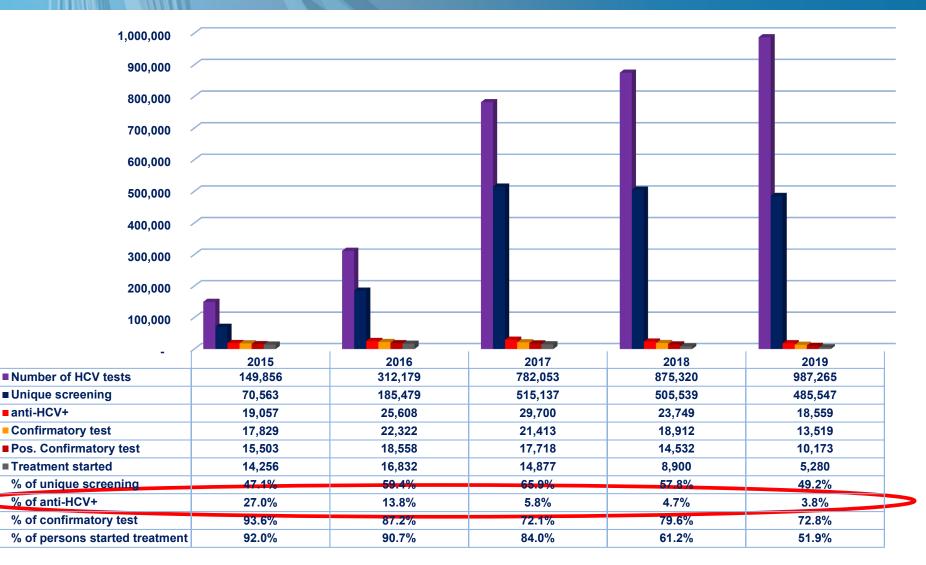
Number of tests and individuals identified through unique personal ID by anti-HCV positives (2015- Nov. 2019)



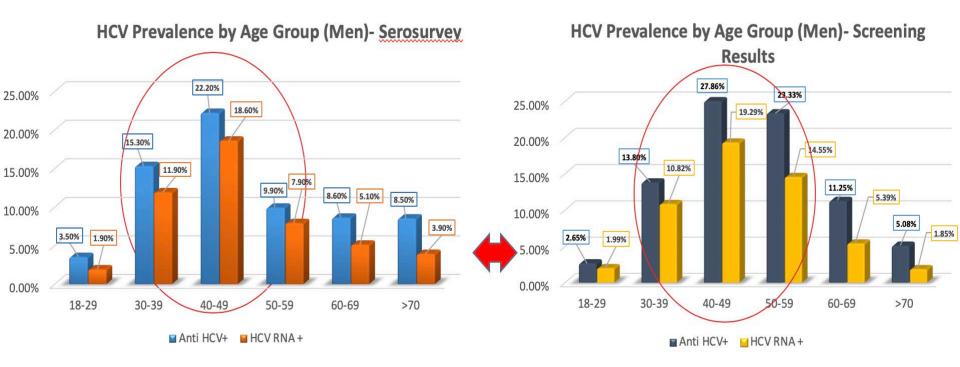
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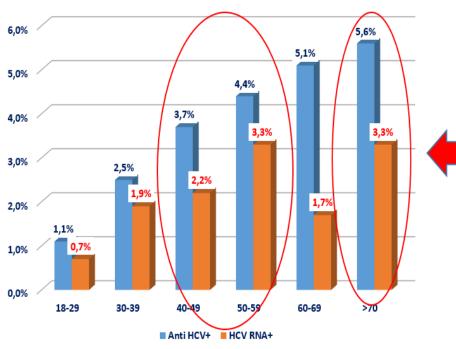


HCV Seroprevalence Survey vs. Screening Data

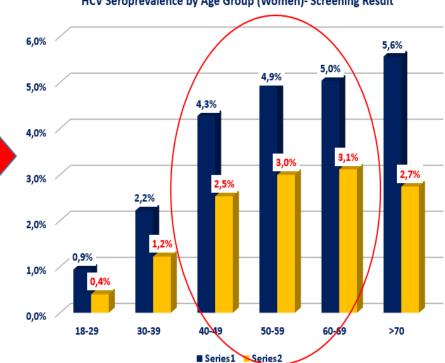


IDU and Blood transfusion - Most Common Risk factors

HCV Seroprevalence Survey vs. Screening Data



HCV Seroprevalence by Age Group (Women)- Serosurvey



HCV Seroprevalence by Age Group (Women)- Screening Result

Number of HCV tests among PWIDs by years

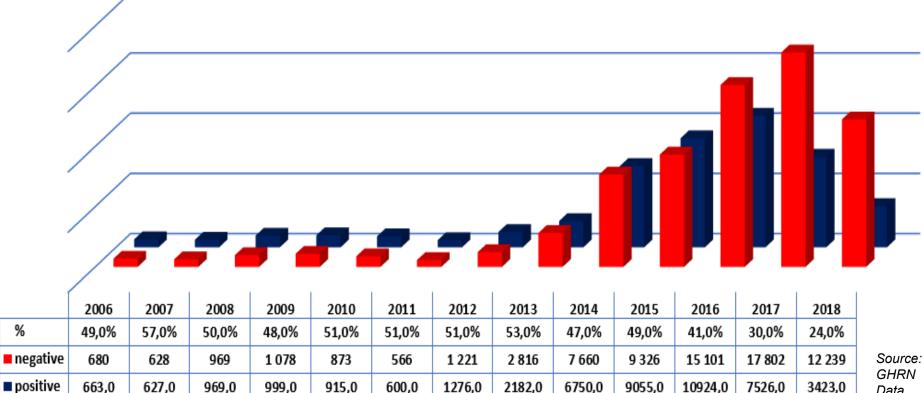




6 Mobile Units

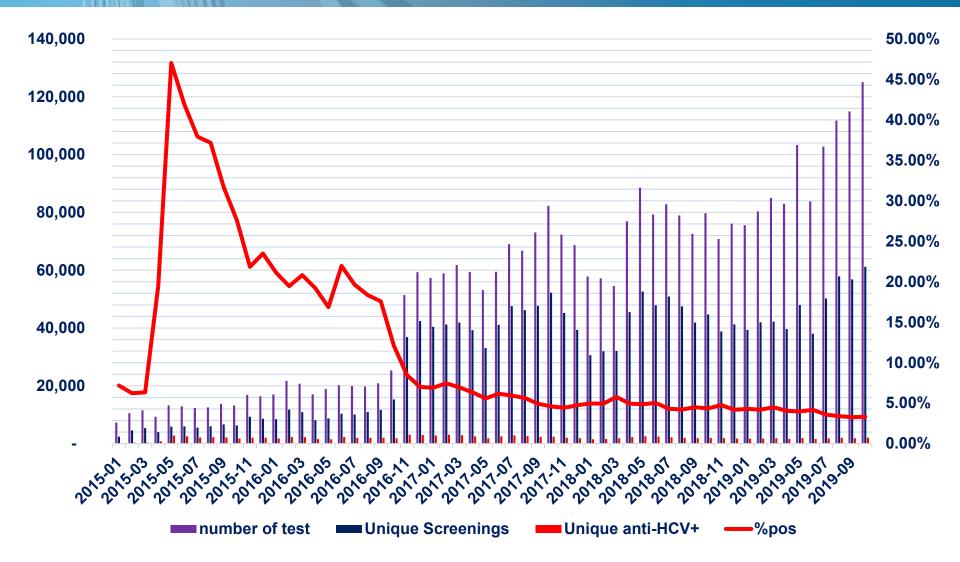


>80 Harm Reduction Workers

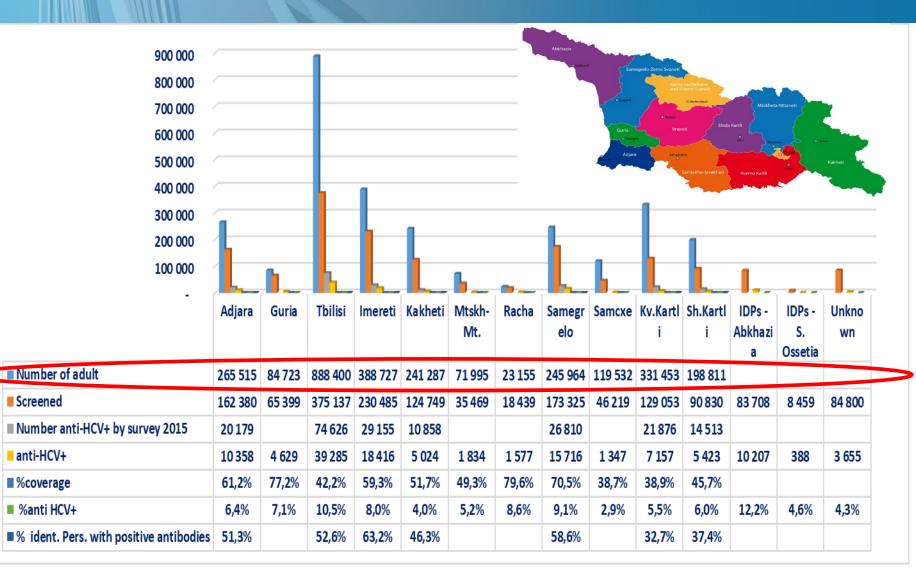


Data

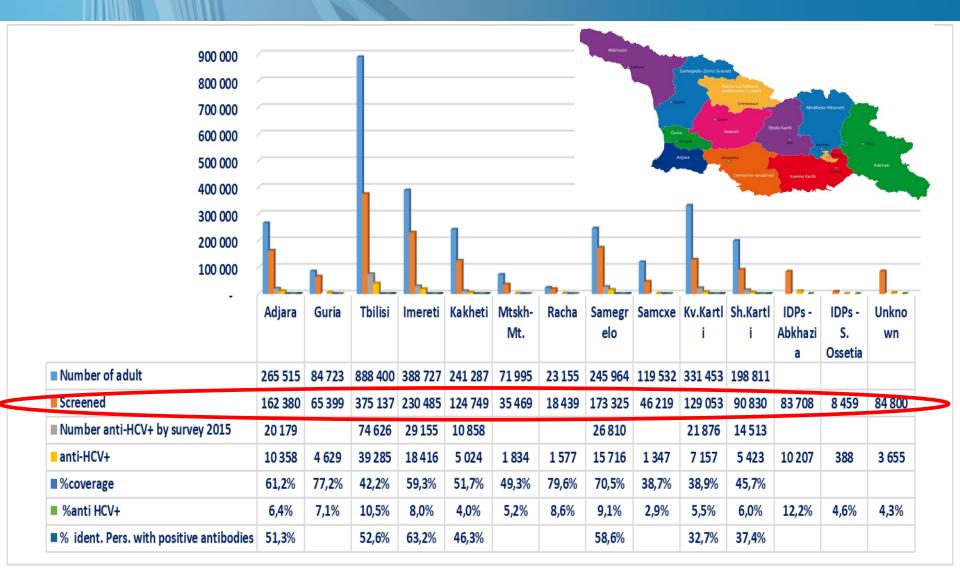
Number of screening tests, unique person and anti-HCV + results by month, January 2015 – November 2019



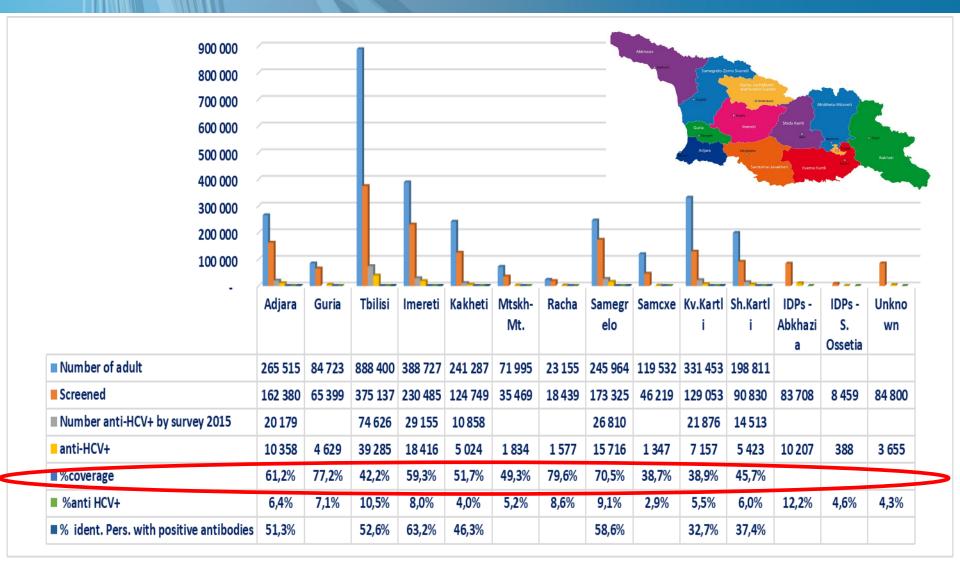
Number of screened unique adult persons identified through personal ID by region – November 10, 2019



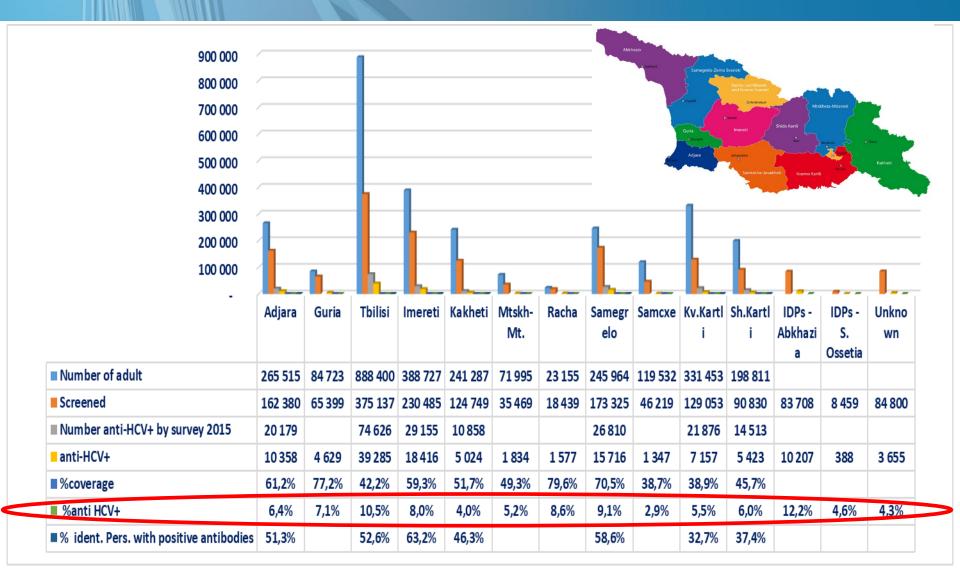
Number of screened unique adult persons identified through personal ID, by region – November 10, 2019



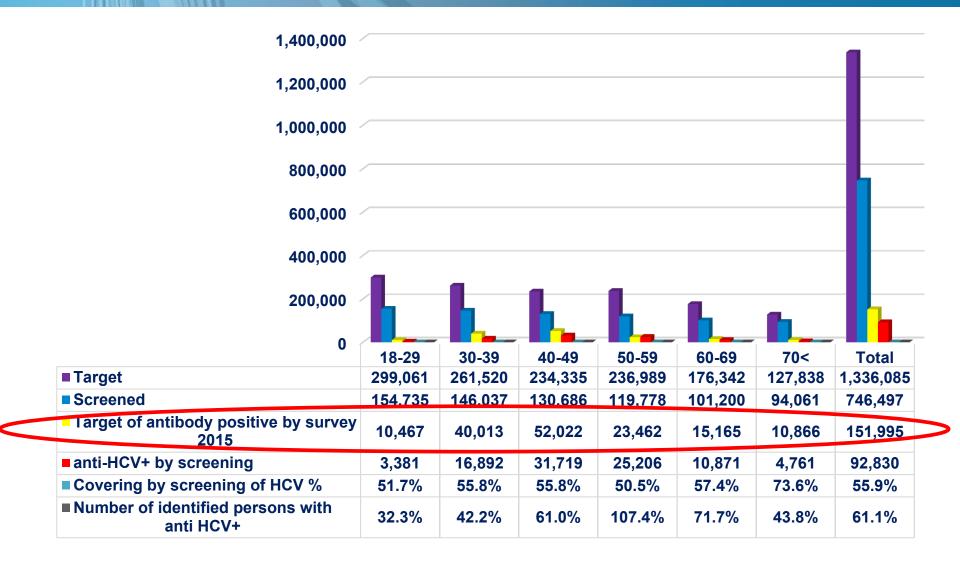
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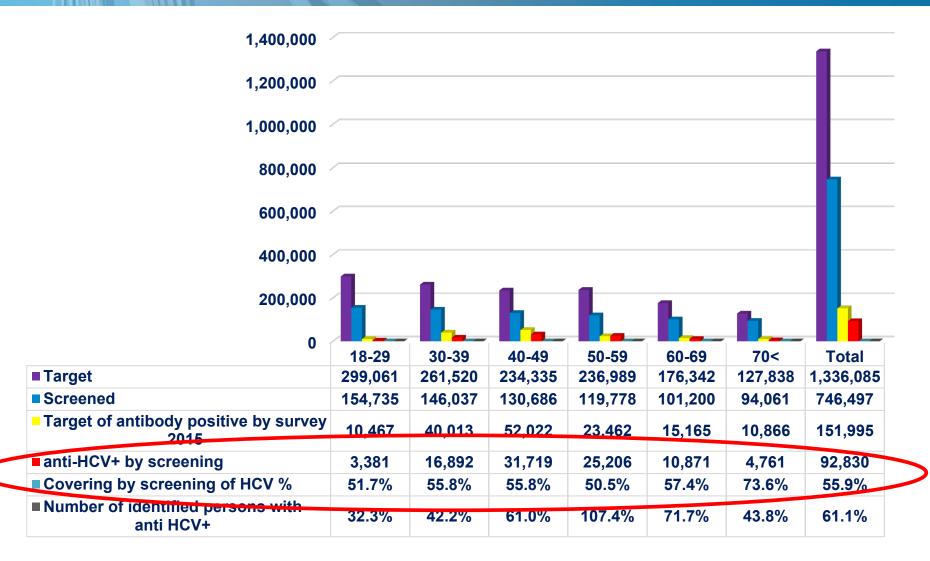
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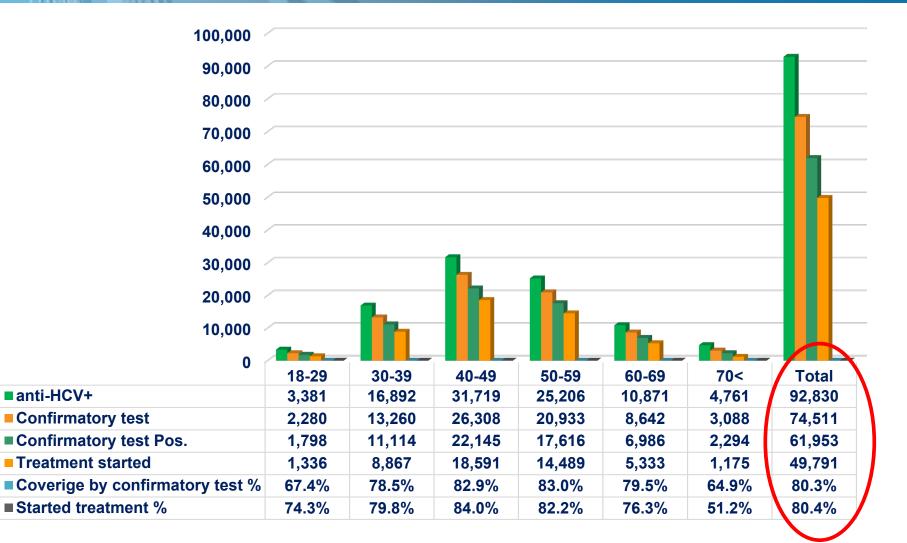
Number of HCV screening in male population, including Antibody detection rate by age group



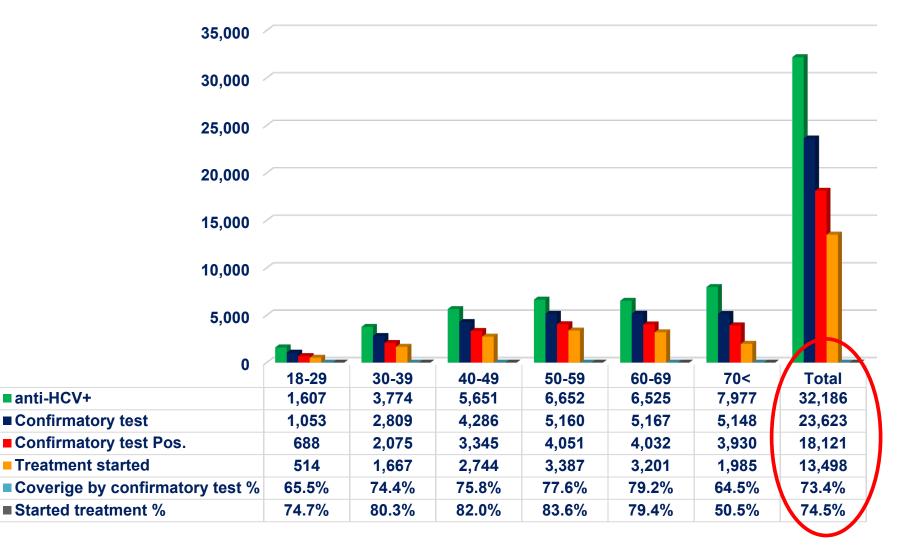
Number of HCV screening in male population, including Antibody detection rate by age group



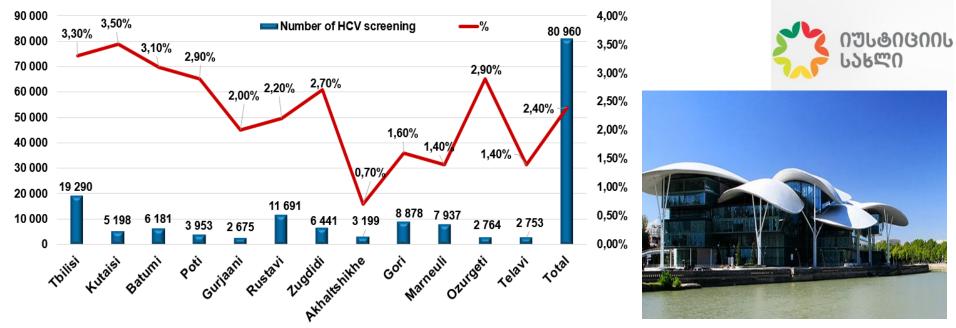
HCV positive males linked to the HCV treatment program by age group



HCV positive females linked to the HCV treatment program by age group



HCV Screening Program in Public Service Halls







Concept: Three Diseases (HIV/HCV/TB) Under One Umbrella

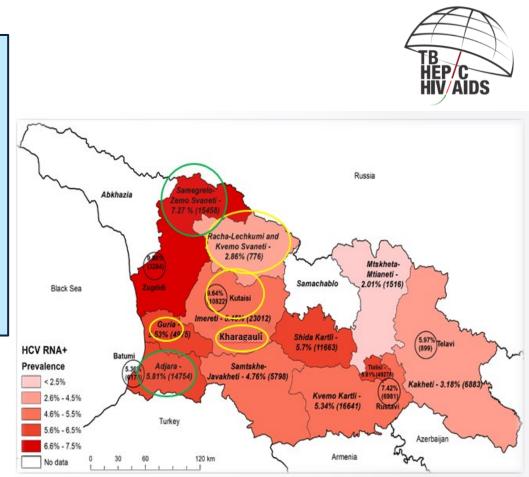
- Pilot project in Samegrelo-Zemo Svaneti region was launched in November, 2017
- Integrated HCV/HIV/TB screening protocol approved - Target for screening - 40% of local population
- > 454 doctors and nurses trained
- Integrated multidisciplinary service monitoring groups established
- Municipal programs supporting pilot implementation approved

88 178 persons were screened by November, 2018 on HCV, HIV and TB among which

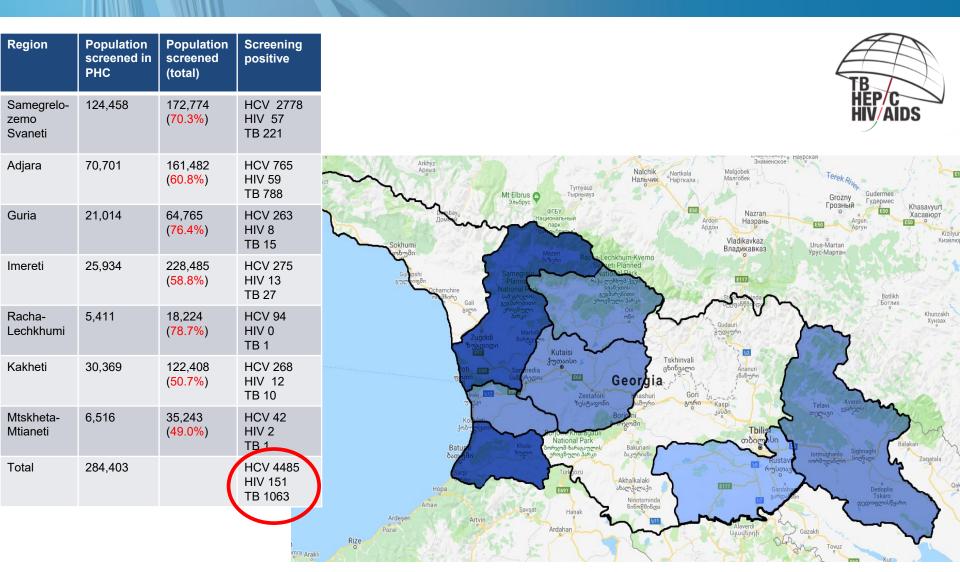
- Anti-HCV+ 2279cases
- Anti-HIV+ 37 cases
- Presumptive TB 192 cases

successful implementation of the project, the number of screened individuals has increased significantly. The project has since expanded in several regions of Georgia and is expected to be countrywide by the end of the year

Due to the



Screening rollout - Three Diseases (HIV/HCV/TB) Under One Umbrella



Groundbreaking pledge of United Nations agencies to end HIV, TB and viral hepatitis epidemics in Europe at high-level meeting on ending TB



United Nations Common Position on Ending HIV, TB and Viral Hepatitis through Intersectoral Collaboration



A dedicated side event at the General Assembly

- Aimed to demonstrate how the Common Position can strengthen intersectoral collaboration and leverage further progress towards ending HIV, TB and viral hepatitis and achieving SDG 3.
- 14 United Nations agencies in the European Region bond to prioritize health outcomes and join forces



Micro-elimination in specific risk-groups

		TB Patients	HIV Infected Individuals	Hemophilia Patients	OST Program Beneficiaries	Dialysis Patients	War Veterans and Their Family Members	
	Target Population	2 122	4 090	389	9 080	2 979	69 254	
	Screening Coverage %	94%	98%	99%	87%	89%	51%	
	Finding Screening Positives %	17%	36%	37%	86%	23%	12%	
	Confirmatory Pos.	228	821	72	4 925	368	2751	
	Started treatment	119	749	55	4 141	70	2320	
	Coverage by treatment %	52%	91%	76%	84%	19%	84%	

(

Screening of medical personnel, November 10, 2019

Medical personnel in Georgia: 43,859

Personnel screened: 26,885 (61%)

Initial positive tests: 762 (3%)

Had confirmatory testing: 320 (42%)

Confirmed positive: 240 (75%)

Start Treat.

Enhancement of Screening Campaigns





- Community and organized settings in Tbilisi and regions
- Public Service Hall located at 13 cities
- During communication campaign interventions
- Sport events
- Festivals and concerts



ლი ბრანსპორტის საამენტი დ TRANSPORT AGENCY

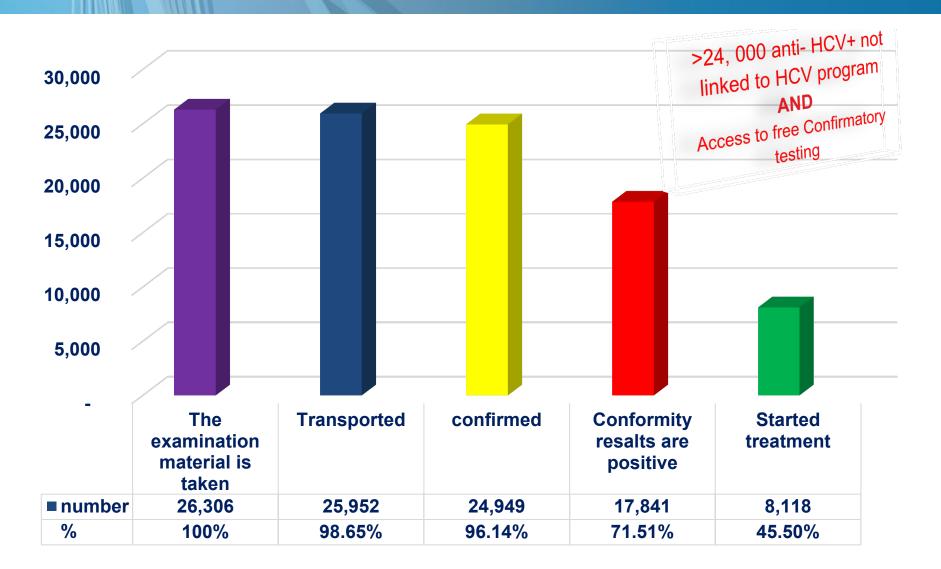








Centralized system of confirmatory testing -Hospitals and Harm Reduction Network, March 1, 2018 – November 10, 2019



Future Plans: Finding remaining cases

125,016 adults (identified by ID number) were diagnosed anti HCV+

98,134 adult had HCV RNA confirmatory test

80,074 adults were HCV RNA+ 16,785 HCV RNA+ individuals have not initiated treatment To reach target goals, 33,2% of anti HCV+ and 40,6% of HCV RNA+ cases need to be identified, and 50,6% treated

Solution to finding the remaining Cases

Strengthen Follow-up and Linkage to Care

Strengthen Communication campaigns

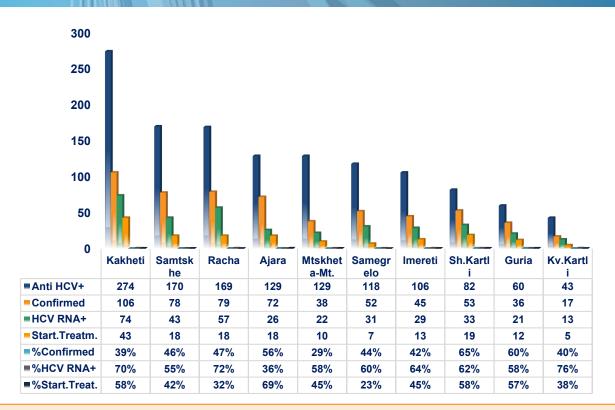
Intensify Routine Screening

Strengthen the Involvement of the Primary Healthcare Sector

Implement the Samegrelo-Zemo Svaneti Project Countrywide

Intensify Enrollment of the Harm Reduction Network 1 705 000 adults have been screened

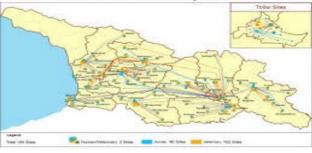
1 150 000 adults are left to screen Pilot Project: Finding Anti HCV+ individuals diagnosed over 3 months prior, have not had confirmatory testing, and are not involved in treatment (conducted by Public Health Centers)



Number of PHC involved in the project – 32 Target of Anti HCV+ - 1280 Confirmed – 576 (45% of Anti HCV+) HCV RNA+ - 349 (61% of Confirmed) Started Treatment – 163 (47% of RNA+)

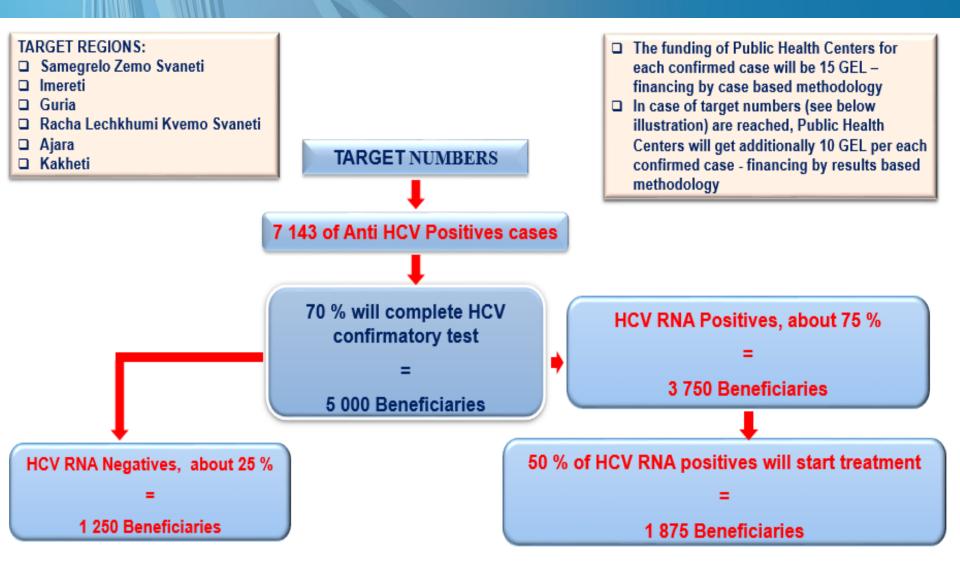


Surveillance System



>24, 000 anti- HCV+ not linked to HCV program AND Access to free Confirmatory testing

Future Plans: Linkage-to-care project (FIND)



Summary and Recommendations

- HCV Elimination program is a major driver for health system strengthening and advancing public health agenda in Georgia, especially for HIV and TB. HCV elimination program supports the development of other key public health programs such as Safe Blood, Infection Control, Harm Reduction, etc.
- In the first 4.5 years of the HCV Elimination Program, Georgia has scaled up the screening and treatment services achieving impressive results – 61% screening coverage and 49% treatment coverage with 98.7% cure rate
- Enhancing HCV testing and linkage to care and treatment services are critical to reaching by the end of 2020 HCV elimination goals
- Provision of HCV screening, confirmation, care and treatment services at non-specialized settings nearer to patients' homes is critical for achieving the elimination goals
- Decentralization and integration of HCV/HIV/TB services' delivery in primary care or harm reduction settings can result in overcoming barriers to access care and treatment
- In order to achieve HCV elimination goals, screening should be targeted to the specific age groups where the biggest proportion of antibody+ cases to be reveled are still concentrated (male population - 35-55 age group, female population –50 years old and above age group)
- Strengthening the follow up and linkeage to further diagnostic testing and treatment of more than 24,000 antibody+ individuals and 16,000 RNA+ individuals who were lost from the system
- Lessons learned from the Georgia HCV Elimination Program can inform programs in other countries striving to eliminate HCV as a public health threat.

Acknowledgements

MINISTRY OF INTERNALLY DISPLACED PERSONS FROM THE OCCUPED TERRITORIES, LABOUR, HEALTH AND SOCIAL AFFAIRS OF GEORGIA









World Hepatitis





Ministry of IDPs from Occupied Territories, Labour, Health and Social Affairs

US Centers for Disease Control and Prevention (CDC)

Gilead Sciences, Inc.

WHO, WHO Euro

LIFER

Foundation for Innovative New Diagnostic

ECHO

World Hepatitis Alliance

Nohep Movement

National Center for Disease Control and Public Health

HCV Elimination Program provider facilities

TAG Members