

Malawi AHD Implementation Case Study

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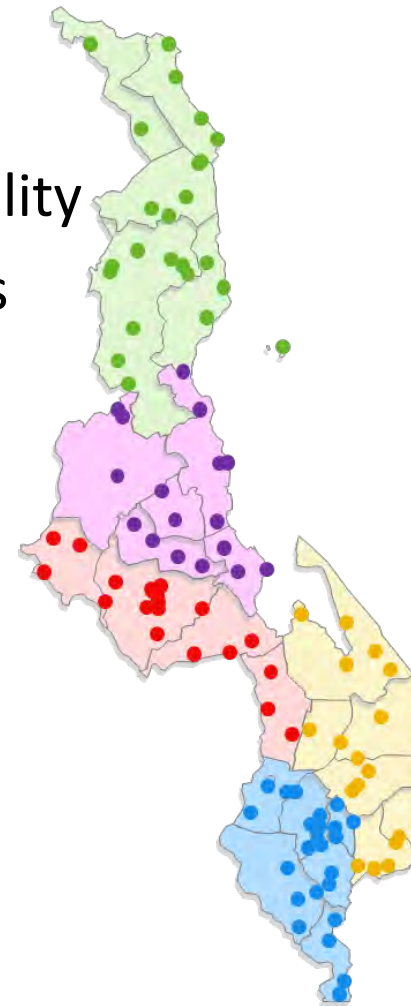


Background

- Malawi is one of the sub-Saharan African countries on track to eliminate HIV/AIDS as a public health threat by 2030
- National HIV program data showed plateauing of death rates since 2013, despite adoption of HIV treatment strategies over the years expected to reduce mortality i.e., Option B+ & Test and treat
- Advanced HIV Disease management was included in Malawi's 2018 HIV Clinical guidelines & implementation started in January 2019

Methodology

- Phased implementation
 - Primarily guided by commodity availability
- National coverage – 35% of ART facilities
- Hub and spoke model
 - 136 Hub sites
 - Tertiary or regional hospitals
 - Secondary or district
 - Community hospitals
 - 140 Spoke sites
 - Primary health centres
 - Refer to hub for other tests and Rx



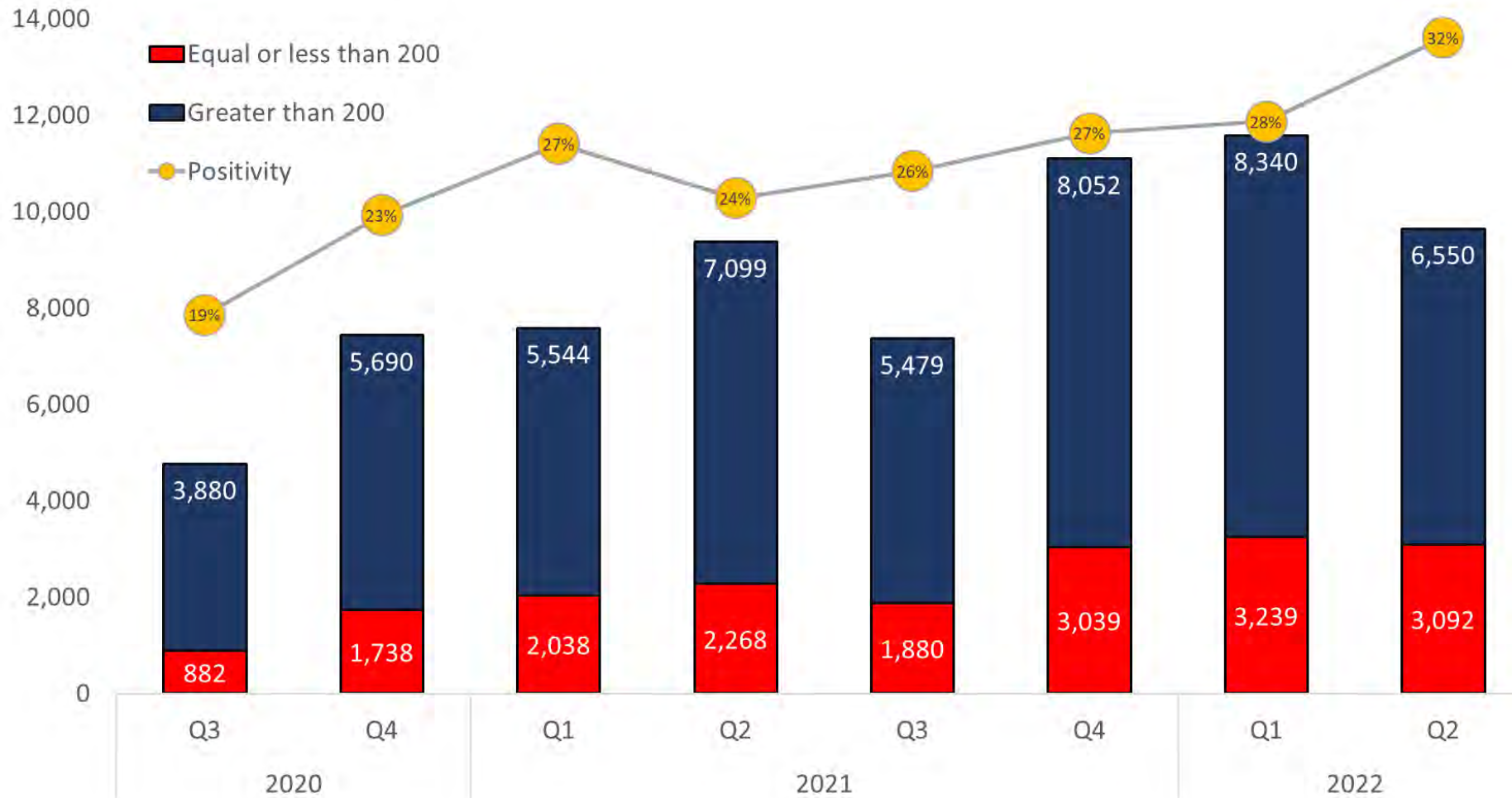
136 Phase-1 sites

| Zone | # sites |
|--------------|---------|
| Northern | 26 |
| Central East | 19 |
| Central West | 40 |
| South East | 21 |
| South West | 30 |

Performance



CD4 Tests, 2020 Q3 to 2022 Q2

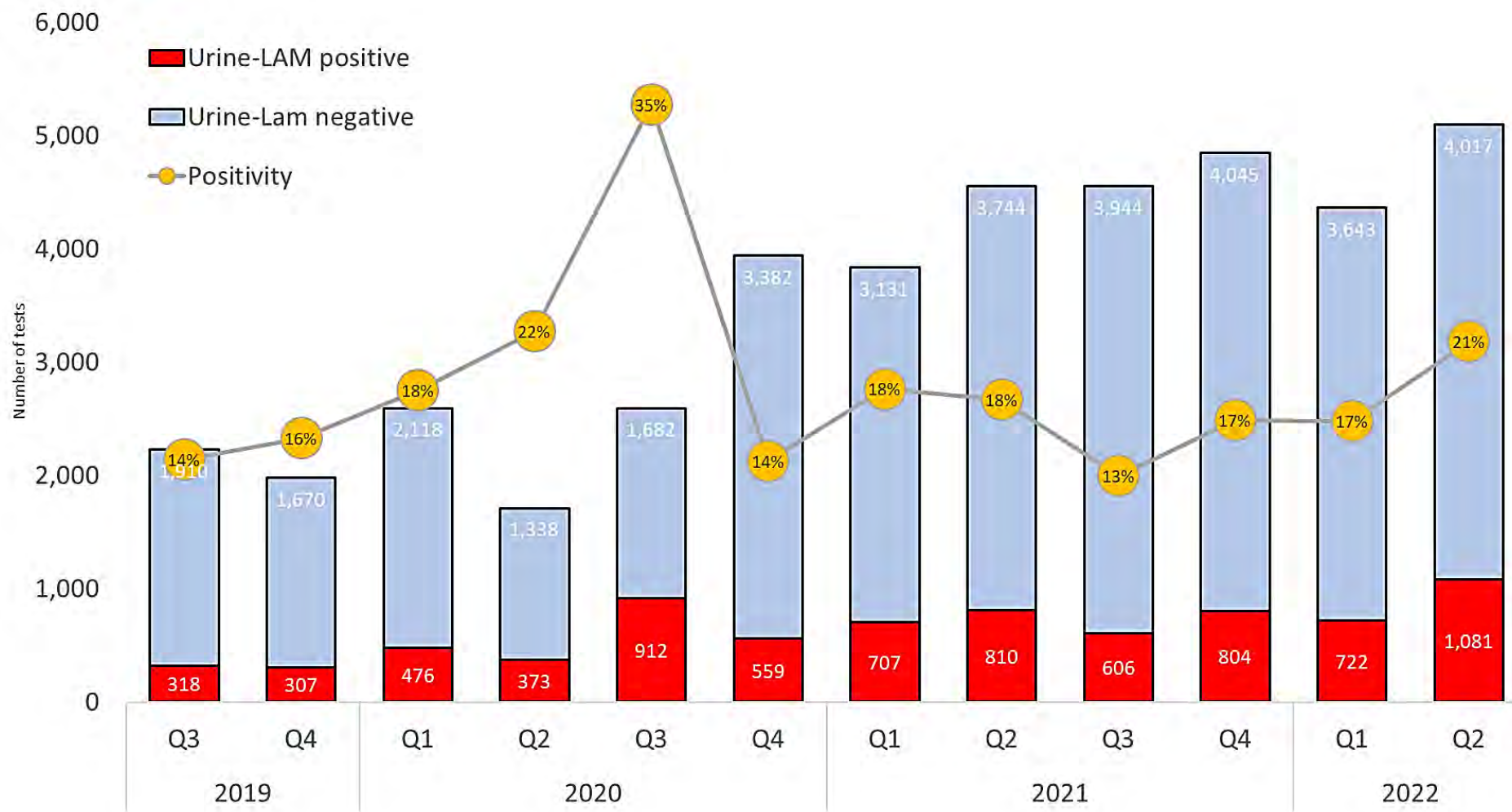


2022 Q2

9,642 tests conducted (shows a 17% decrease from 2022 Q1)

- 8,442 for PIMA
 - 31 % with <200 results
- 1,220 for VISITECT
 - 41% with < 200 results

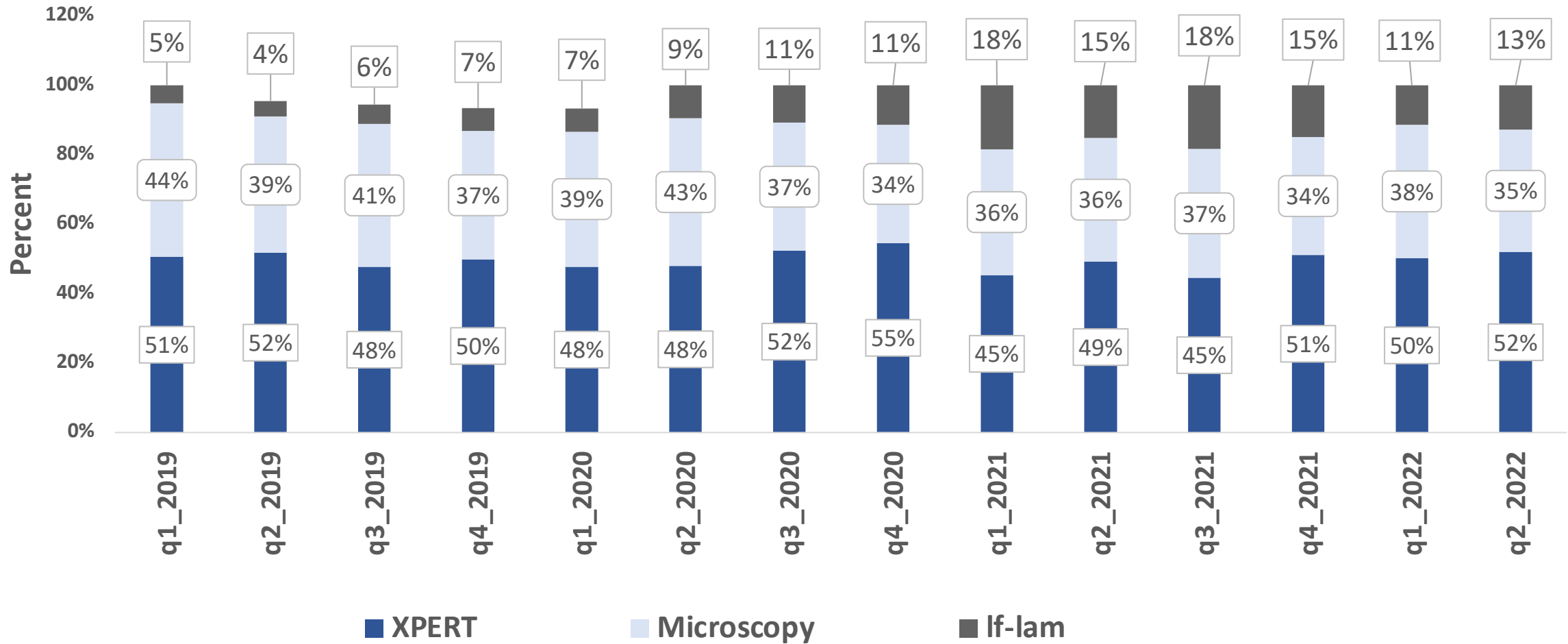
Urine-TB LAM Tests, 2019 Q3 to 2022 Q2



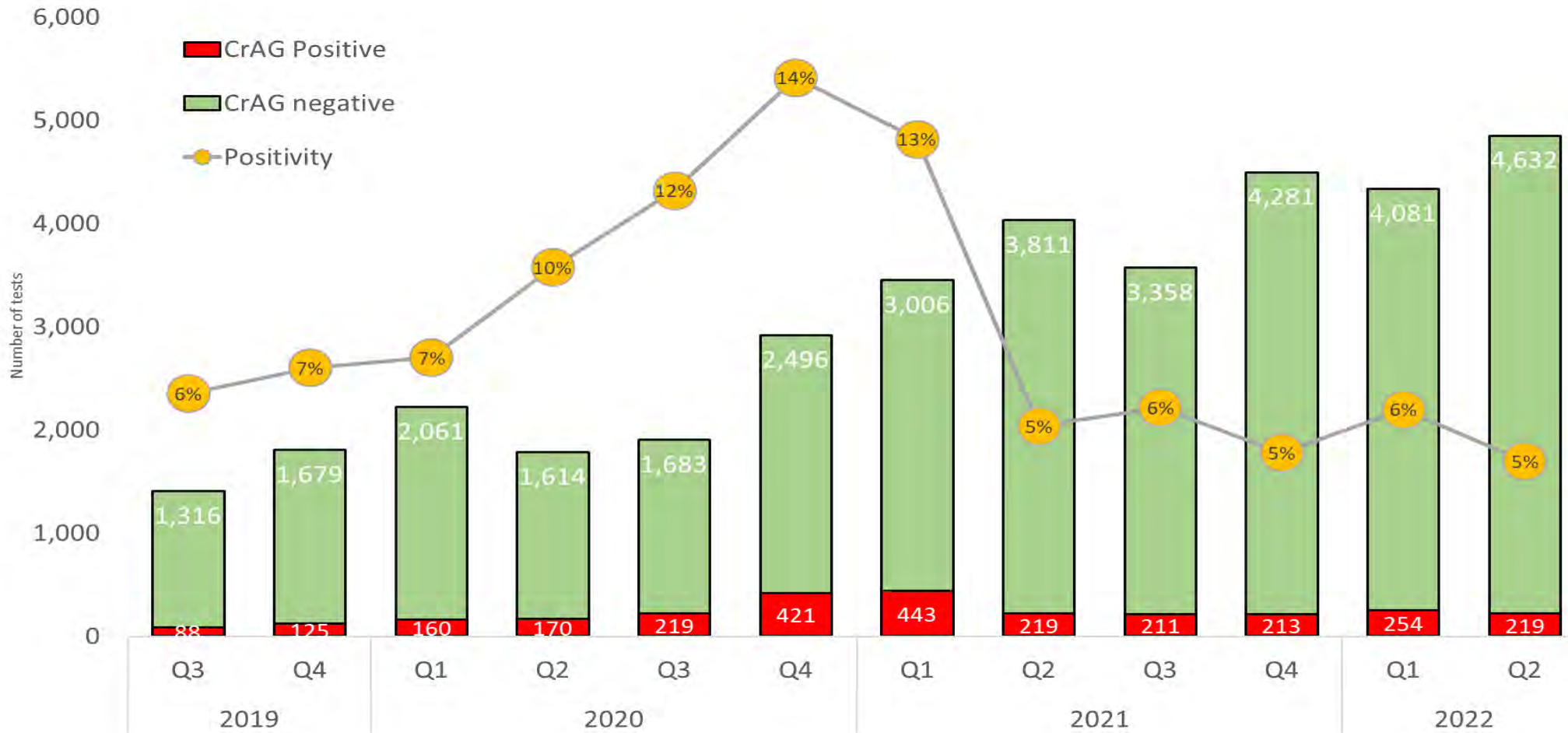
2022 Q2

- **5,098** tests conducted (14% increase from 2022 Q1)
- Urine-LAM tests exceeds by **39%** the equal or less than 200 CD4 results
 - Implementation done according to guidelines
- Total tests have doubled compared to 2019

Contribution towards total TB tests



Cryptococcal tests, 2019 Q3 to 2022 Q2



2022 Q2
4,851 tests conducted
 (11% increase from
 2022 Q1)

Conclusion & way forward

Conclusion

- About a third of PLHIV present to HIV care clinics with a CD4<200
- Wide variation in urine TB-LAM positivity rate (13 – 35%)
- Decrease in the use of Xpert for TB diagnosis
- Decreasing positivity rate for CrAg (Serum & CSF)

Way forward

- Establish EQA system for urine TB-LAM test
 - Risk of false positives
- Scale up quality improvement for AHD services including in-patients
- Expand AHD services to phase two sites

Thank you!

