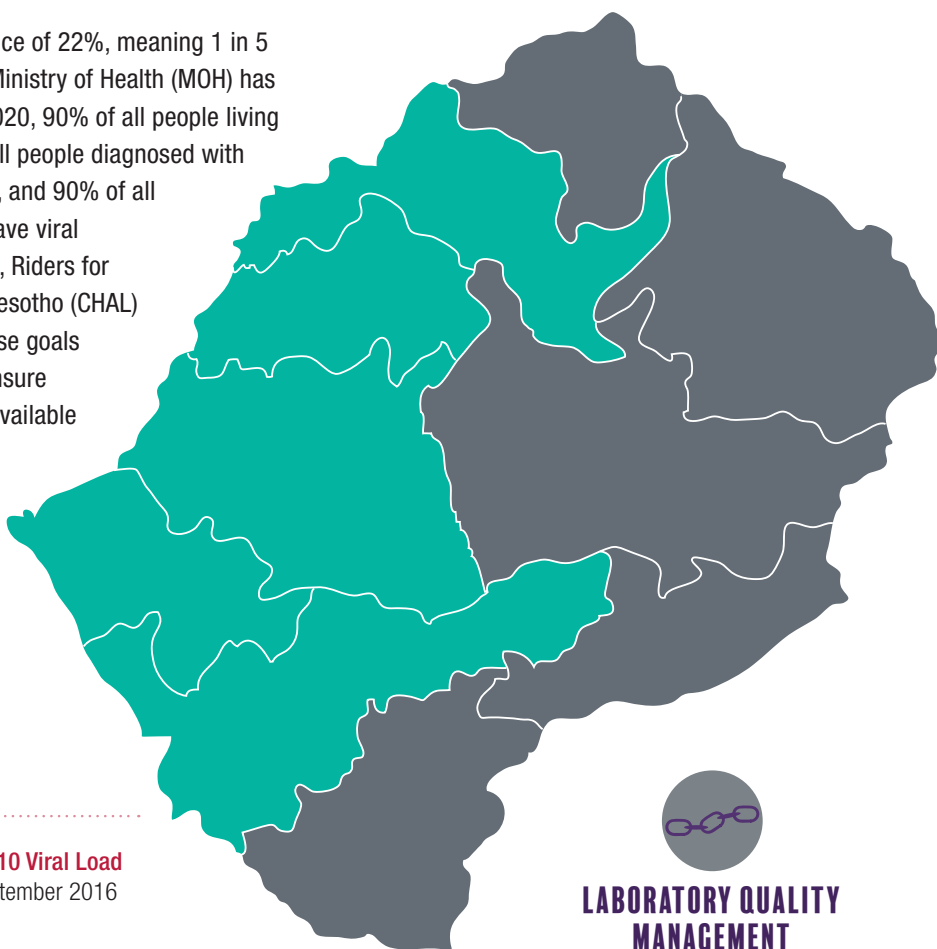


CDC LABORATORY STRENGTHENING PROJECT IN LESOTHO CONTRIBUTED TOWARDS THESE ACHIEVEMENTS

The Kingdom of Lesotho has an HIV prevalence of 22%, meaning 1 in 5 Basotho are infected with HIV. The Lesotho Ministry of Health (MOH) has adopted the UNAIDS 90-90-90 targets: by 2020, 90% of all people living with HIV will know their HIV status, 90% of all people diagnosed with HIV infection will be on antiretroviral therapy, and 90% of all people receiving antiretroviral therapy will have viral suppression. URC, in collaboration with MOH, Riders for Health, Christian Healthcare Association of Lesotho (CHAL) and other partners is working to achieve these goals by strengthening the laboratory system to ensure rapid, accurate HIV diagnostic services are available for the entire population. URC is focusing on diagnostic services, sample transportation, training lab technicians and laboratory capacity building for Lesotho to achieve its UNAIDS 90-90-90 targets.



HIV DIAGNOSTICS

87% Viral Load suppression rate of **62,810 Viral Load Samples tested** October 2015- September 2016

14,947 EID tests performed
January-September 2016

Decreased overall median testing turnaround time from **15 to 7 days**



LABORATORY CAPACITY

Renovated Mafeteng Molecular laboratory, **increasing the amount of Viral Load samples** that can be processed by 20x.

15,000 EID tests procured for the National Reference Laboratory (NRL)

2 Cold rooms built at the NRL to **increase sample and reagent storage**

100% of PEPFAR supported laboratory testing facilities have the capacity to perform clinical laboratory tests



LABORATORY QUALITY MANAGEMENT

Supported 3 laboratory mentors placed at the MOH

20 laboratory personnel trained in quality improvement

Strengthened laboratory information systems at all MOH and CHAL facilities with service maintenance contracts



SAMPLE TRANSPORTATION



24 Riders supported with Riders for Health

Over 180,000 samples and **over 150,000** results transported April– September 2016