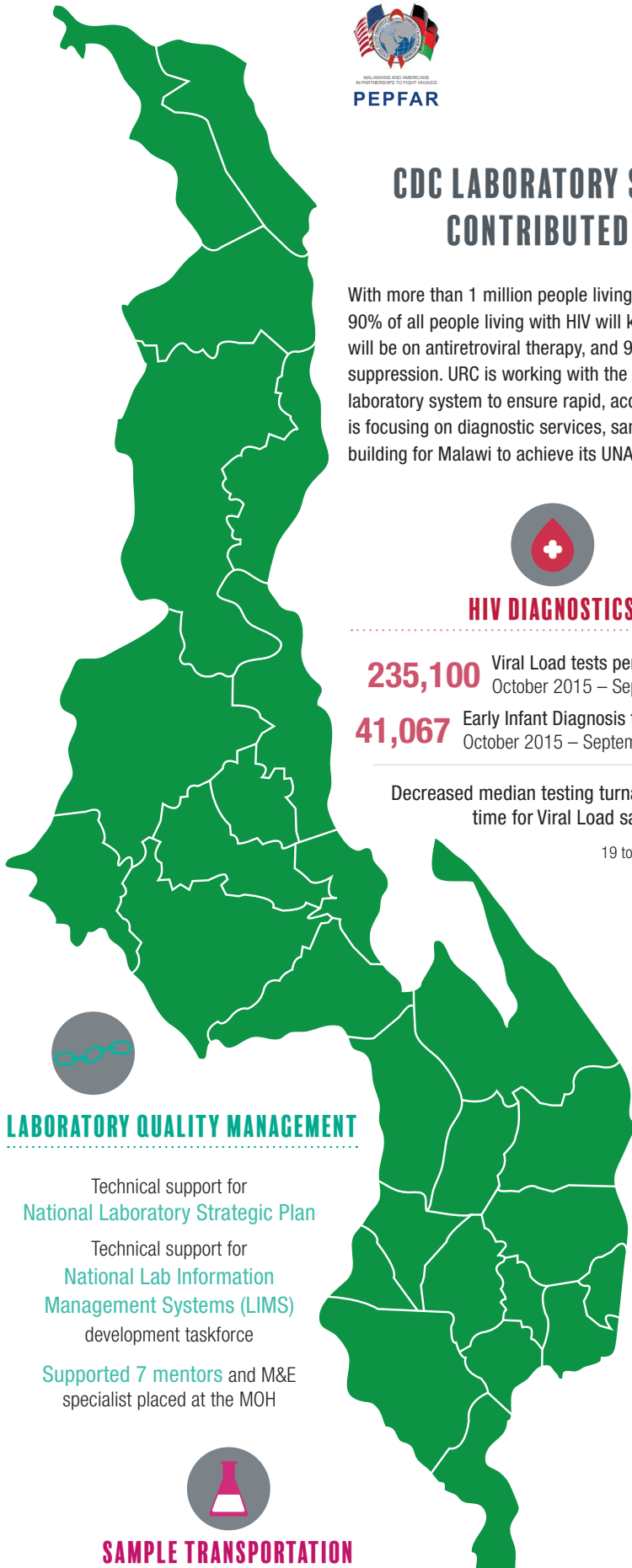




## CDC LABORATORY STRENGTHENING PROJECT IN MALAWI CONTRIBUTED TOWARDS THESE ACHIEVEMENTS

With more than 1 million people living with HIV, Malawi 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 is working with the Malawi Ministry of Health to achieve these goals by strengthening the laboratory system to ensure rapid, accurate diagnostic services are available for the entire population. URC is focusing on diagnostic services, sample transportation, training lab technicians and laboratory capacity building for Malawi to achieve its UNAIDS 90-90-90 targets.



### HIV DIAGNOSTICS

**235,100** Viral Load tests performed  
October 2015 – September 2016

**41,067** Early Infant Diagnosis tests performed  
October 2015 – September 2016

Decreased median testing turnaround time for Viral Load samples  
19 to 11 days



### TB DIAGNOSTICS

Supporting TB culture lab at **Mzuzu Laboratory** to perform TB cultures, drug susceptibility testing and media preparation.

Serviced **9** biosafety cabinets with USAID Challenge TB Project



### HUMAN CAPACITY BUILDING

**48** lab technicians trained in molecular testing

**36** lab techs trained in VL/EID testing

**80** students for **Medical Laboratory Assistant** program supported at Malawi College of Health Sciences

**87** lab data focal persons trained in data management and analysis

**32** diploma students for **Medical Laboratory Technician** program supported at Malamulo College of Health Sciences



### LABORATORY QUALITY MANAGEMENT

Technical support for **National Laboratory Strategic Plan**

Technical support for **National Lab Information Management Systems (LIMS)** development taskforce

Supported **7 mentors** and M&E specialist placed at the MOH



### SAMPLE TRANSPORTATION

**645** health care centers in 27/28 districts covered for sample transportation  
**225% increase** in coverage

**122,796** samples and **119,214** results transported  
April – September 2016

**37** Motorcycles purchased to support Riders for Health



### LABORATORY CAPACITY

Renovated Nsanje Hospital Laboratory to increase access to quality HIV lab services

**3** additional Abbott VL machines purchased

**29% to 80.2%** increase in laboratory equipment utilization

**48** labs enrolled into program for laboratory accreditation

**100%** of PEPFAR-supported laboratories and testing sites passed a proficiency testing program