



A Clinician at the Muumandu Health Facility attending to a client at the Comprehensive Care Clinic

WHO WE ARE

Centre for Health Solutions – Kenya (CHS) is a local, not-for-profit organisation that utilises local and expertise as well as strategic partnerships to implement evidence informed solutions and interventions to existing and emerging public health concerns across all of Kenya’s 47 counties.

Guided by a vision of a world of healthy families through universal access to health interventions and services, CHS works in partnership with the national and county governments, donors and other stakeholders for the delivery of sustainable health services.

Through its Naishi Project, CHS is focused on achieving HIV epidemic control in Machakos, Makueni and Kitui through the provision of high quality HIV prevention, care and treatment services.

Machakos County Highlights

Indicators	Oct 2016 - Sept 2017	Oct 2017 - Sept 2018	Oct 2018 - Sept 2019
No. of HIV tests done	192,694	220,665	195,951
No. of people diagnosed with HIV	3,072	3,471	3,681
No. of people started on antiretroviral treatment	2,694	2,976	3,173
Total No. of people on antiretroviral treatment at the end of the PEPFAR yr (September)	21,580	22,317	24,147

Support from PEPFAR through CDC

For more than a decade, the United States President's Emergency Plan for AIDS Relief (PEPFAR), through the Centers for Disease Control and Prevention (CDC) has been working in partnership with the County Department of Health in Machakos County to strengthen health systems towards the delivery of sustainable health services.

Using the World Health Organization (WHO) approach to health systems strengthening, CDC supports the strengthening of service delivery, health leadership and governance, human resources for health, health infrastructure and equipment, health information systems as well as health products and commodity security.

With support from PEPFAR through CDC, CHS is currently supporting 70 health facilities in the county to implement and expand sustainable high quality HIV services specifically comprehensive HIV prevention, care and treatment with improved yield and retention of patients on treatment

Since the inception of the Naishi Project in 2016 the investment from PEPFAR through CDC has been as highlighted below:

Direct Investment (Ksh)

Year	Investment
2016/2017	131,420,548
2017/2018	173,016,452
2018/2019	162,894,718
2019/2020	135,962,874
Total	603,294,592

Indirect Investment (Ksh)

HTS Testing booths (Machakos Level 5 & Athi River Health Centre)	1,275,000
Hospital furniture, medical and computer equipment - EMR	11,770,666
Sub total	13,045,667

**Cumulative Investment
616,340,259**

Snapshot of Machakos County

Population: 1,202,871

Population Density: 194 per KM2

Area: 6,208 KM2

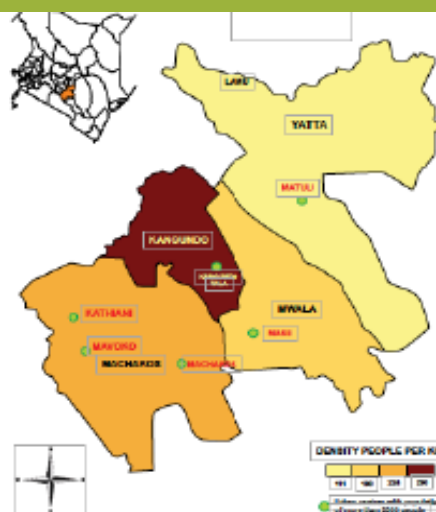
Location: Located in the former Eastern Province, it borders Embu, Murang'a and Kiambu counties to the north, Nairobi and Kajiado counties to the west, Makueni County to the south and Kitui County to the east.

Doctor to Population Ratio: 1: 27,000

Source:

Kenya Open Data (www.opendata.go.ke),

Commission on Revenue Allocation Kenya (www.crakenya.org)



CHS Supported Facilities

Ithaeni Dispensary	Kathiani Sub County Hospital	Masinga Sub County Hospital	Kwa Nguu Dispensary
Athi River Health Centre	Kaviani Health Centre	Mukusu Dispensary	Matungulu Health Centre
Katani Dispensary	Mitaboni Health Centre	Musingini Dispensary	Nguluni Health Centre
Kinanie Dispensary	Miumbuni Dispensary	Ikombe Dispensary	Sengani Dispensary
Makadara Health Care	Thinu Health Centre	Katangi Health Centre	Tumaini Reproductive Health Clinic
Mlolongo Health Centre	Katulani Health Centre	Kikesa Dispensary	Machakos Town Drop in Centre
St Immaculate Clinic	Masii Health Centre	Kisiiki Dispensary	Mlolongo Drop in Centre
Apdk Dispensary (Machakos)	Mbiuni Health Centre	Kithimani Dispensary	Kyumbi Drop in Centre
Approved School Dispensary (Machakos)	Miu Health Centre	Kyasioni Dispensary	Tala Drop in Centre
Kalama Dispensary	Muthetheni Health Centre	Matuu Sub County Hospital	
Kamuthanga Dispensary	Muusini Dispensary	Kakuyuni Health Centre	
Kiitini Dispensary	Mwala Sub County Hospital	Kangundo Sub County Hospital	
Kimutwa Dispensary	Vyulya Dispensary	Kivaani Health Centre	
Kititu Dispensary	Wamunyu Health Centre	Mukunike Dispensary	
Kola Health Centre	Ekalakala Health Centre	Ndunduni Dispensary	
Kyawalia Dispensary	Iuuma Dispensary		
Machakos Level 5 Hospital	Kangonde Health Centre	Donyo Sabuk Dispensary	
Mua Hills Dispensary	Kaonyweni Dispensary	Kalandini Health Centre	
Mutituni Dispensary	Kathukini Dispensary		
Muumandu Dispensary	Kikule Dispensary		
Shalom Community Hospital (Machakos)	Kithyoko Health Centre		
	Kivaa Health Centre		
	Mananja Health Centre		

70 CHS supported health facilities

Human Resource for Health

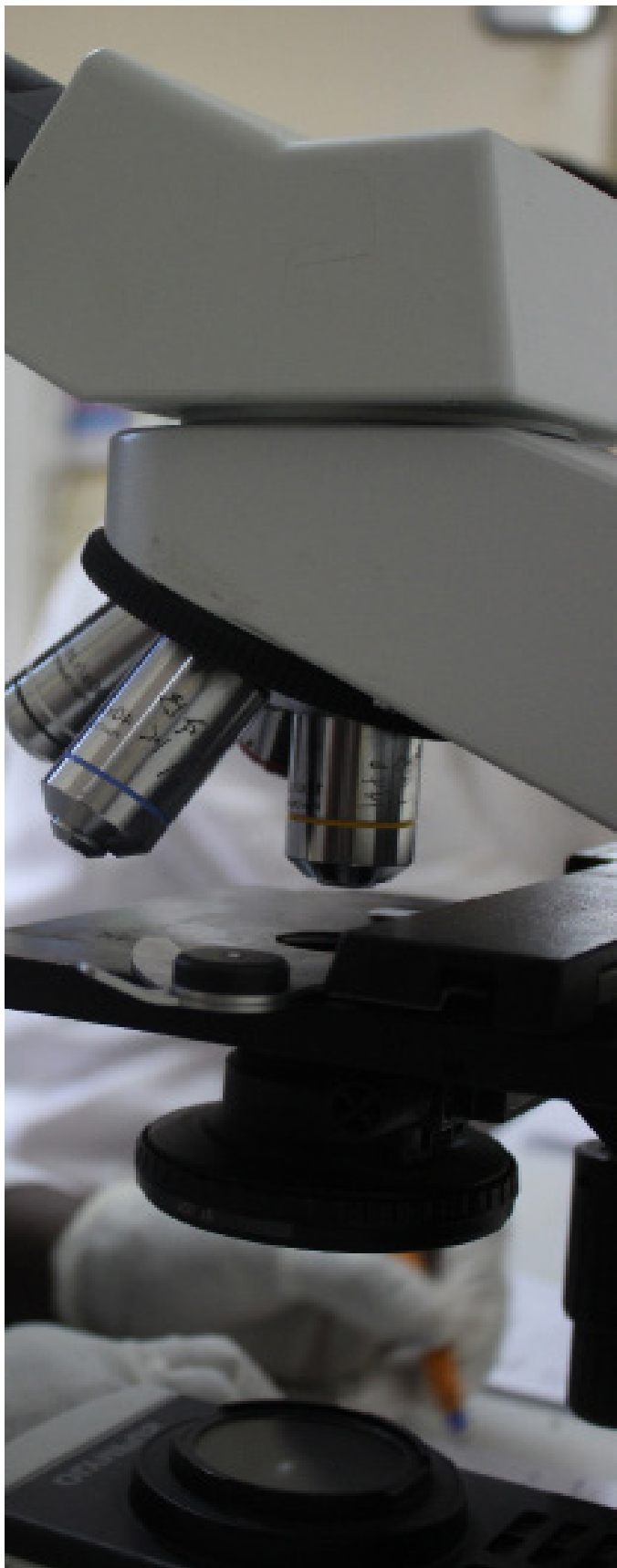


Team from CDC Atlanta, Zambia, Zimbabwe, Uganda, Tanzania and Kenya visiting Machakos Level 5 Hospital for a benchmarking activity on the use of TB Preventive Therapy

CDC through CHS strengthens human resource capacity by supporting facilities with different cadres of health care workers including: Clinical Officers, Data Clerks, HIV Testing Officers, Nurses, Nutritionists, Adherence Counsellors, Accountants, Laboratory Technicians among others to bridge the human resource gap.

Human Resource Support Since 2016

	CHS/MOH Supported Staff	Lay Workers	Total
2016/2017	226	151	377
2017/2018	262	162	424
2018/2019	241	112	353
2019/2020	158	144	302



Leadership and Governance

Machakos County has demonstrated the ability to sustain the gains accruing from the partnership with CDC through allocation of additional resources to the Department of Health, that has enabled recruitment of over 800 health workers by the county government since devolution.

To respond to the HIV epidemic, the county developed and adopted a five-year county specific HIV/AIDS strategic plan to guide its response to the epidemic and has proposed to increase her domestic funding for HIV response in the coming years.

Equipment Support

CDC has made investments worth Kshs 66.2 million on medical equipment for various health facilities in Machakos County over the last five years.

This equipment include: biosafety cabinets, CD4 count analysers, haematology analysers, biochemistry analysers, refrigerators, microscopes and IT equipment among others. Major renovation of the Machakos Level 5 comprehensive care clinic was also supported through PEPFAR funding in 2015, additional HIV testing booths were built in Athi River Health Centre and Machakos Level 5 Hospital

Health Infrastructure Support

Through partnership with the Machakos County Government, CHS has provided Information Technology infrastructure and supported data migration to the IQ Care (Electronic Medical Records) in 26 facilities. In addition, the project has supported hospital staff training on IQ Care with nine facilities including Machakos Level 5 Hospital fully transitioning to the "paperless" Point of Care (POC) system.

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