

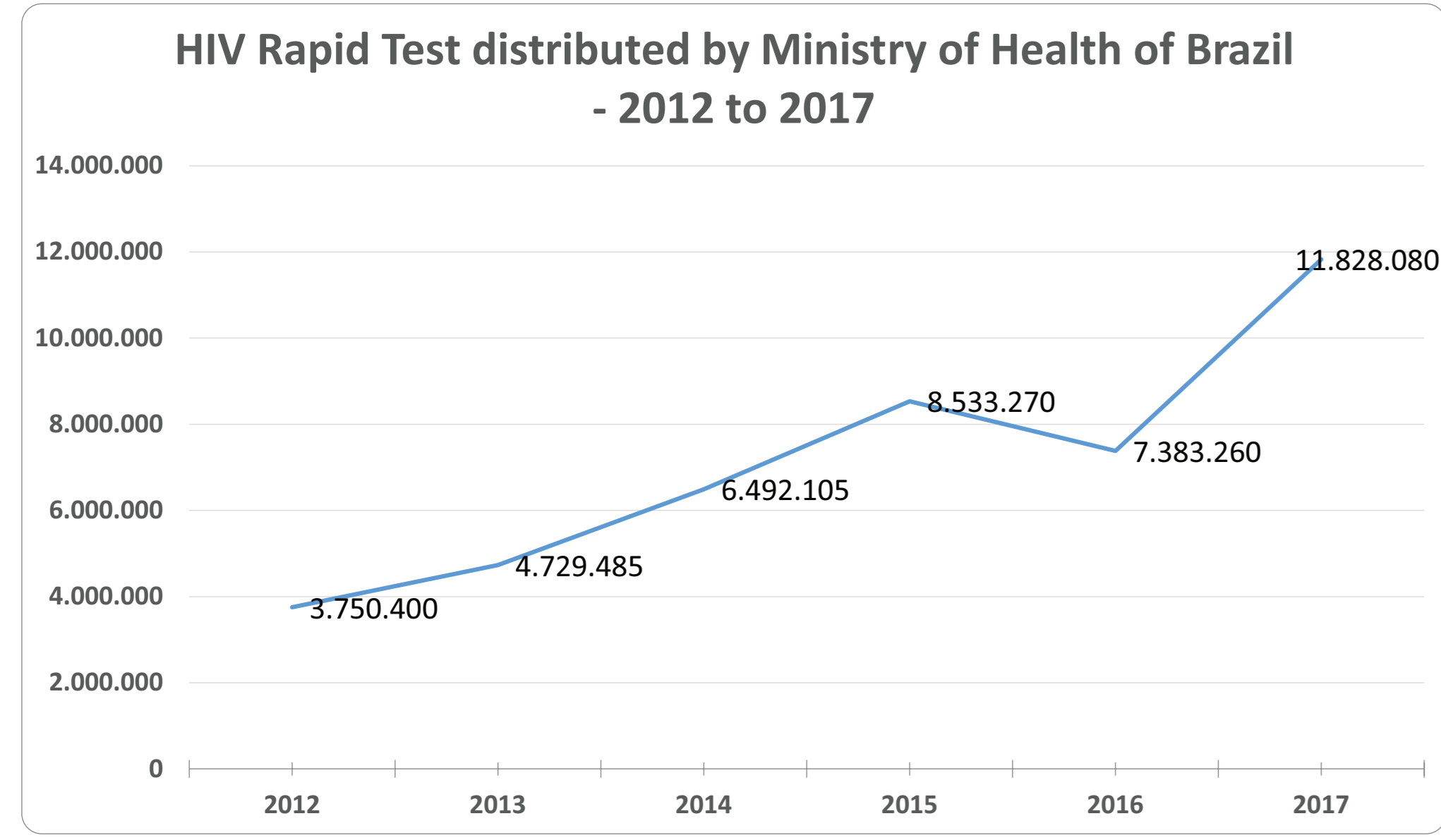
# Distance learning course about rapid test for healthcare professionals as an strategy to increase the access to HIV diagnosis in Brazil

Authors: P.C. Gaspar<sup>1</sup>, R.A. Comparini<sup>1</sup>, A.F. Pires<sup>1,2</sup>, J.B. Alonso Neto<sup>1</sup>, M.V. Martins<sup>1</sup>, D.C. Soares<sup>1</sup>, L.M.B.B. Parucker<sup>3</sup>, A.S. Benzaken<sup>1</sup>  
 Affiliation: 1-Brazilian Ministry of Health, Brasília, Brazil, 2-University of Brasília - Brazil, 3-Federal University of Santa Catarina, Florianópolis, Brazil

WEPEE595

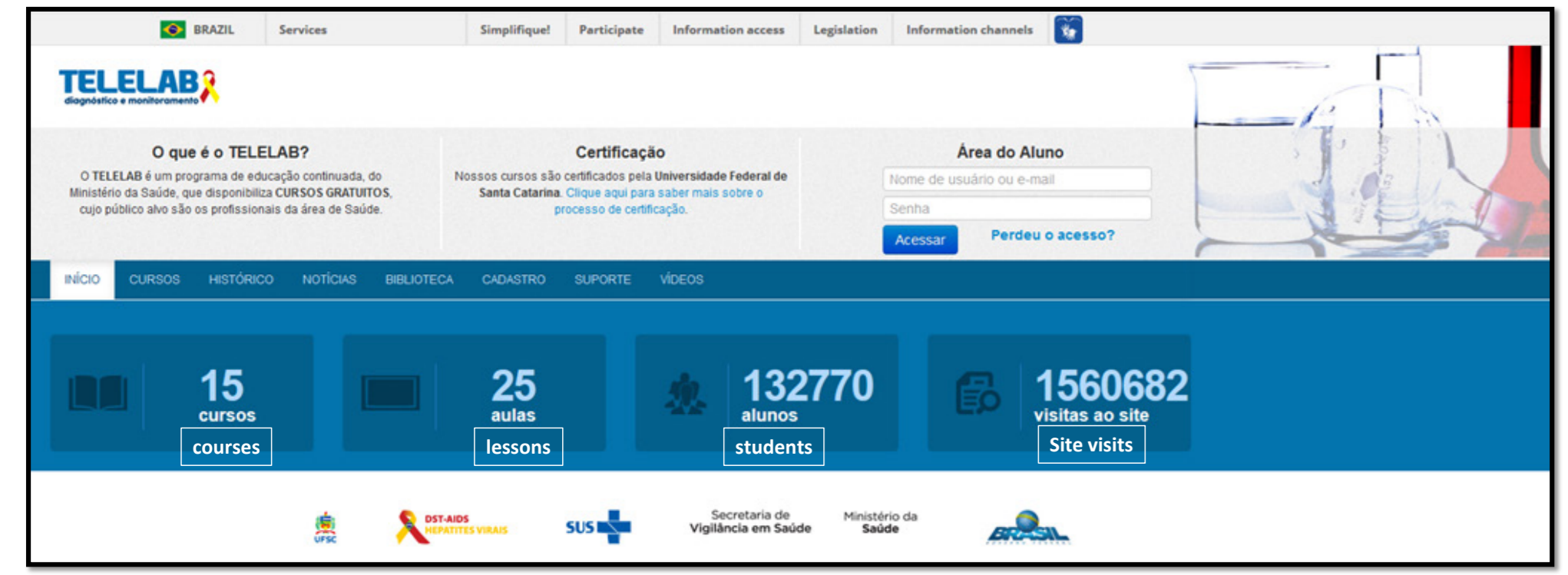
## Background

Increasing the population's access to HIV diagnosis, especially with the use of rapid tests (RT), is a key strategy of the Brazilian Ministry of Health (MoH) to reach the 90-90-90 target by 2020. Only in 2017, MoH distributed more than 12 million RT, 23 times more than in 2005 (509,180 tests), when they were adopted as public health policy.



In addition, it is also necessary to increase the number of healthcare professionals capable to perform the RT. Considering the continental dimension of the country, with 5570 cities, and the need for an alternative to on-site trainings, MoH offers a free distance learning course called TELELAB. We present the extent of the coverage of this education strategy

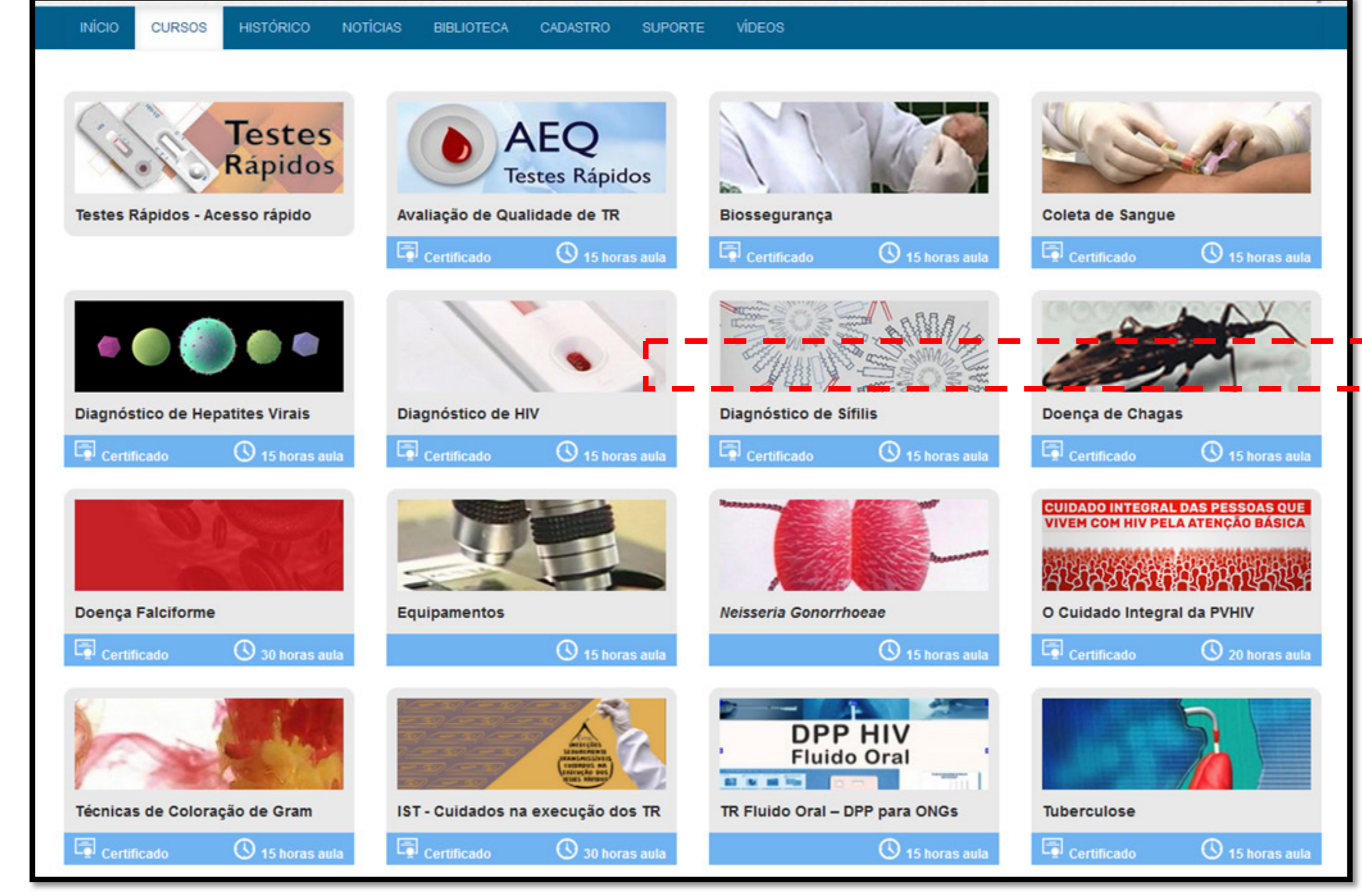
[www.telelab.aids.gov.br](http://www.telelab.aids.gov.br)



## Methods

TELELAB provides online courses about diagnostic of sexually transmitted infection with video lessons and instruction manuals.

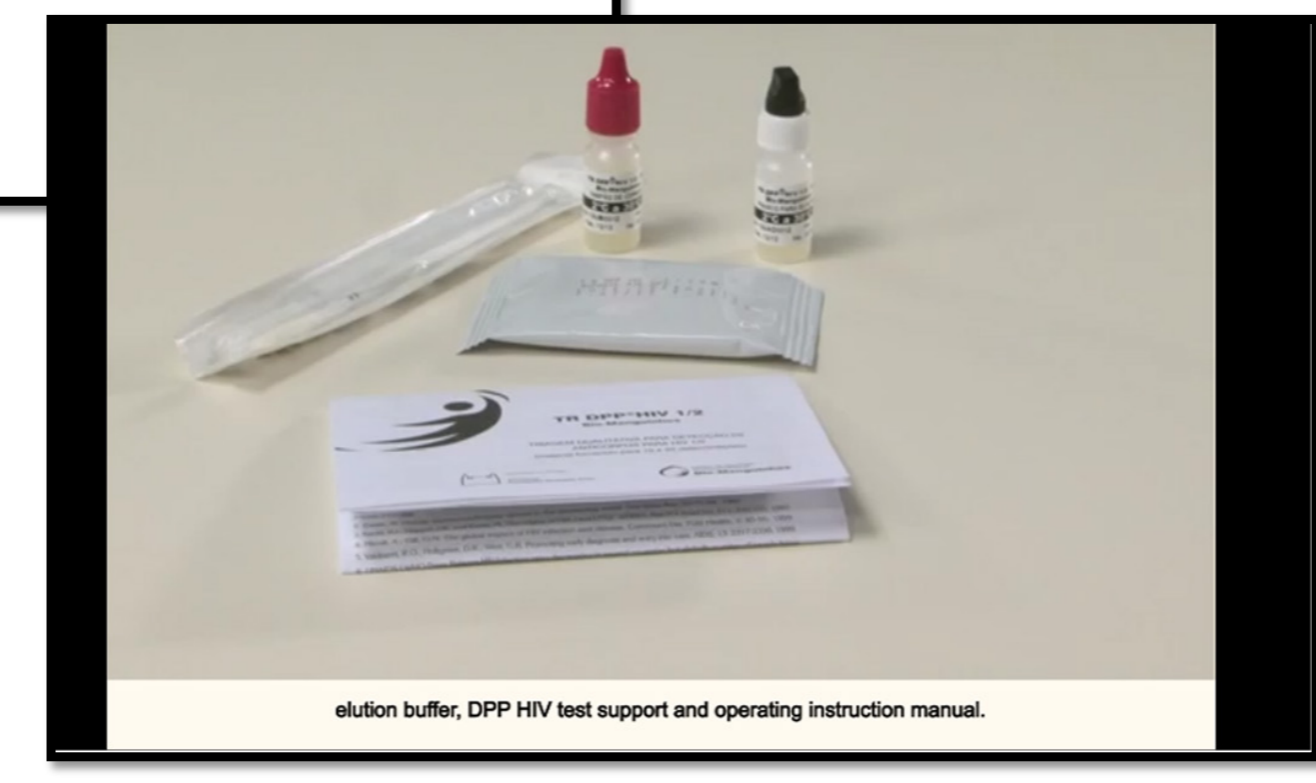
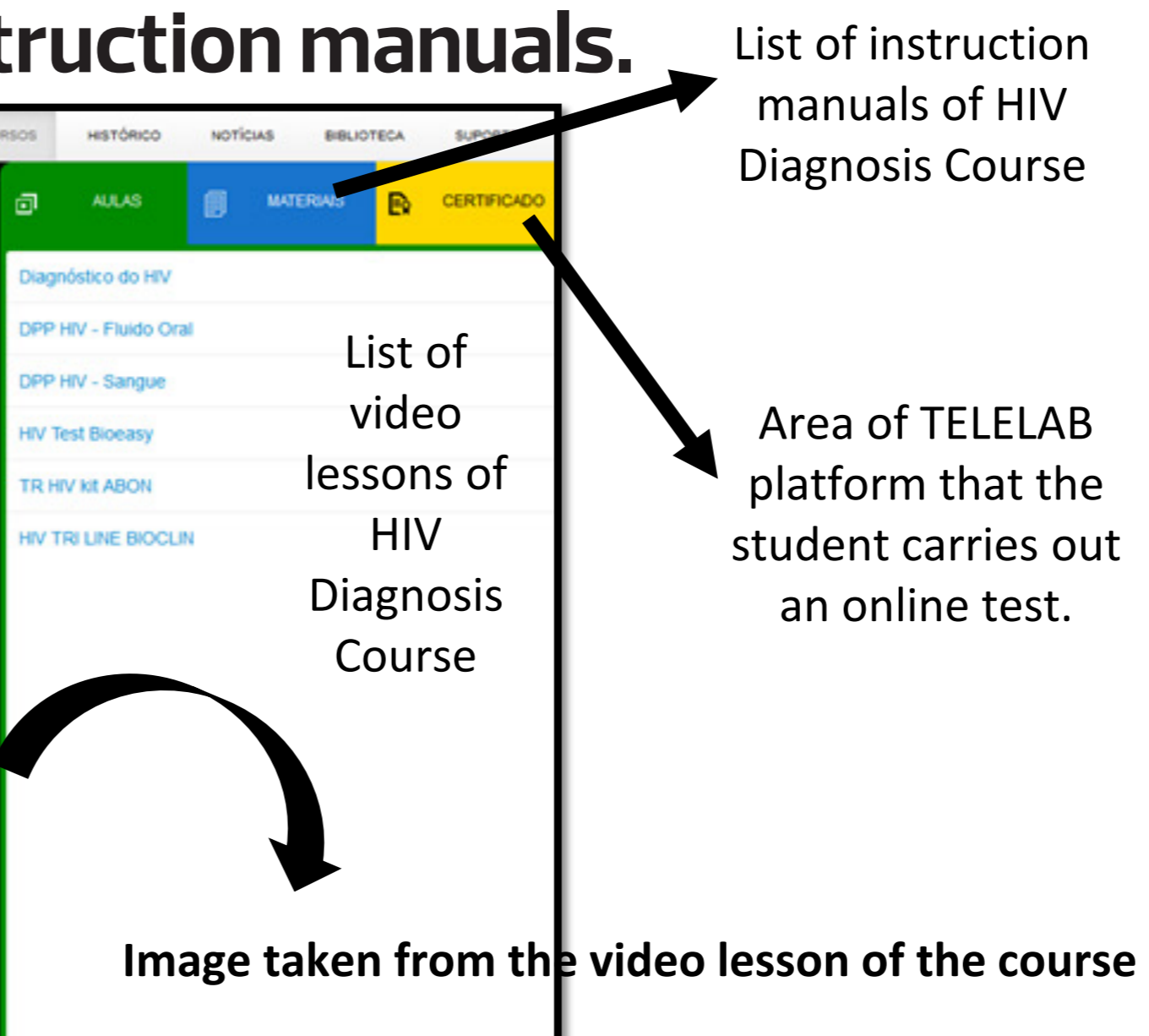
### All courses offered by TELELAB



### HIV Diagnosis Course



### All courses are composed by video lessons and instruction manuals.

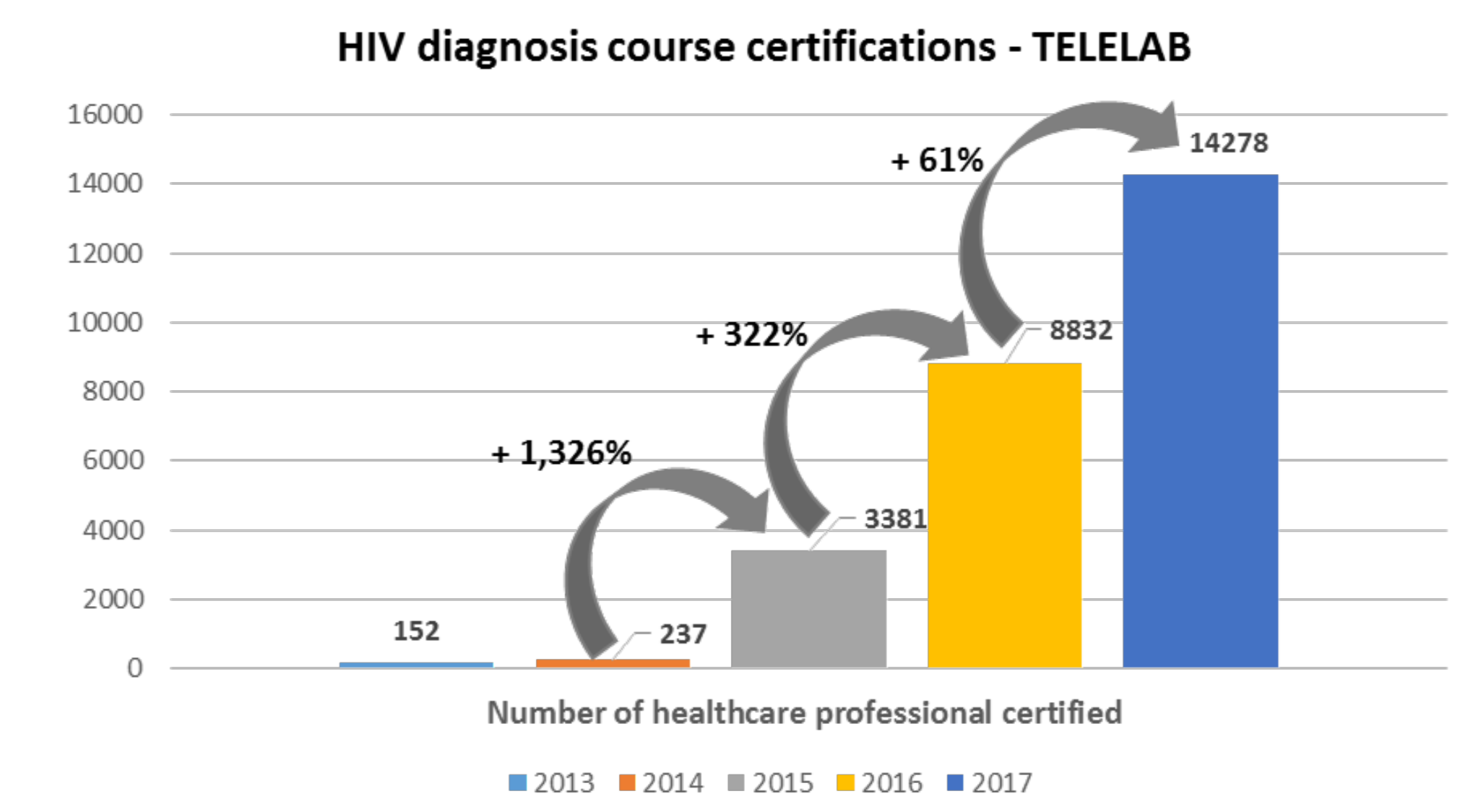


The TELELAB courses have video lessons and instruction manuals of all RDT distributed by MoH.

For places with difficult internet access, it is also possible to request and receive all TELELAB contents on a DVD by post office. After the course is completed, professionals are awarded a certificate once they pass an exam with 70% or higher.

We conducted a descriptive analysis using Excel regarding the healthcare professionals who obtained certification in "HIV diagnosis course" during 2017.

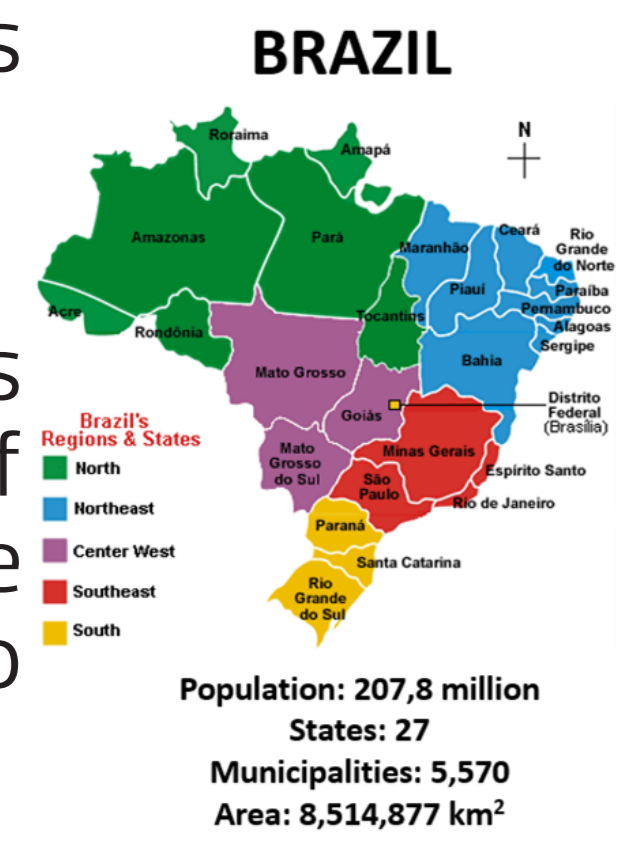
## Results



Nurses are the highest number of certification (i.e. 61% of the total).

1,943 different municipalities were observed.

10,264 healthcare professionals (72% of the total) reside out of capital, and many of them in remote and rural areas with no access to laboratory services.



## Conclusions

- TELELAB turned out to be an important strategy to ensure greater access to HIV diagnosis, since it better qualifies healthcare professionals, especially nurses, which are present in major primary healthcare services in Brazil.
- In addition, because more professionals are qualified, it became possible to increase the number of RT distributed annually by MoH.
- Considering we still need to expand TELELAB use countrywide, in 2018 TELELAB will be available as cell phones application, consisting a new alternative to encourage even more the professional continuing education.

## Contacts



Author: Pamela Gaspar  
 Mobile: +55 61 3315-7630  
 email: [pamela.gaspar@aims.gov.br](mailto:pamela.gaspar@aims.gov.br)  
 Contact and poster at [www.aims.gov.br/aims2018](http://www.aims.gov.br/aims2018)