

# ART experience in St Luke Hospital

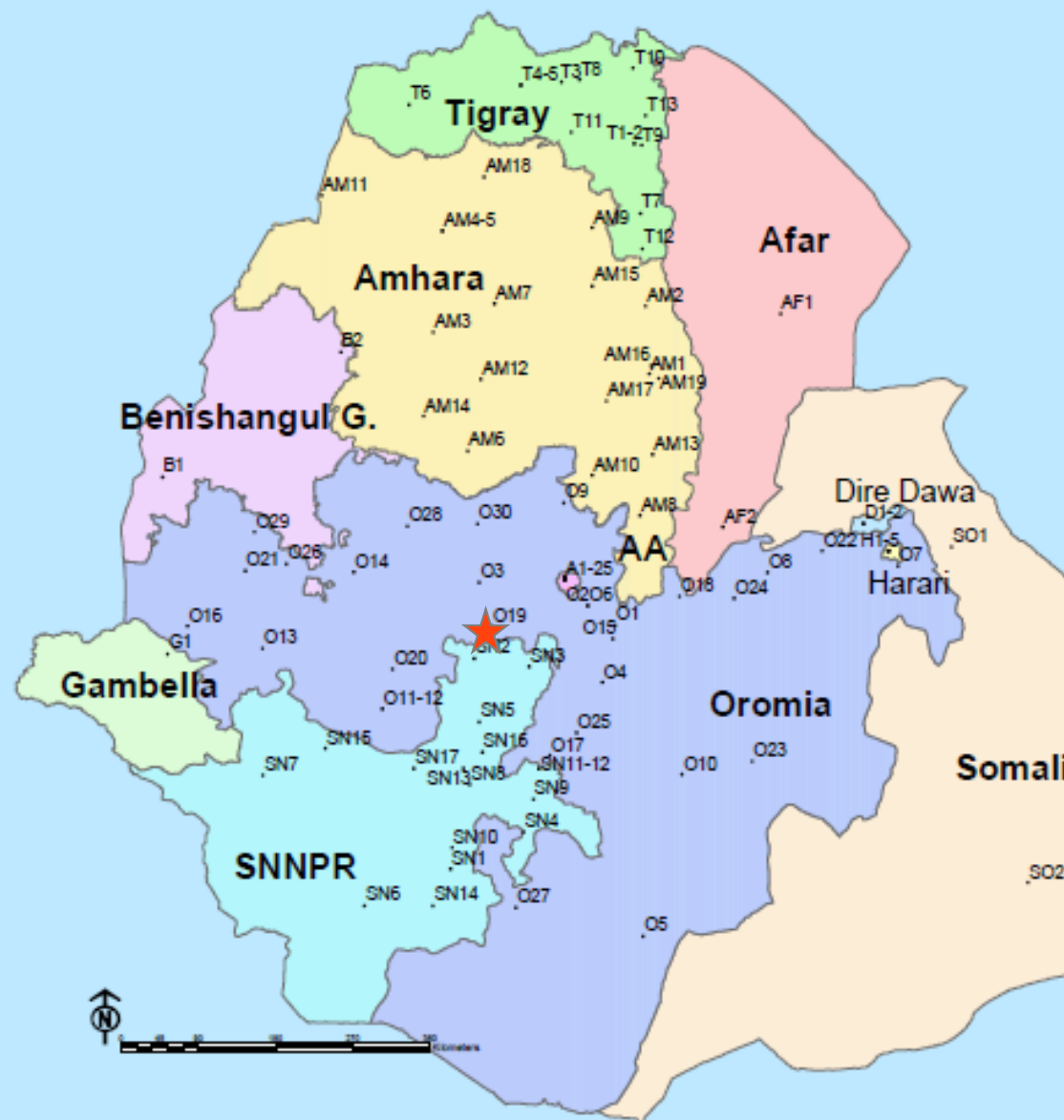
ADDIS ABABA January 25<sup>th</sup> 2017



# Saint Luke Hospital Woliso

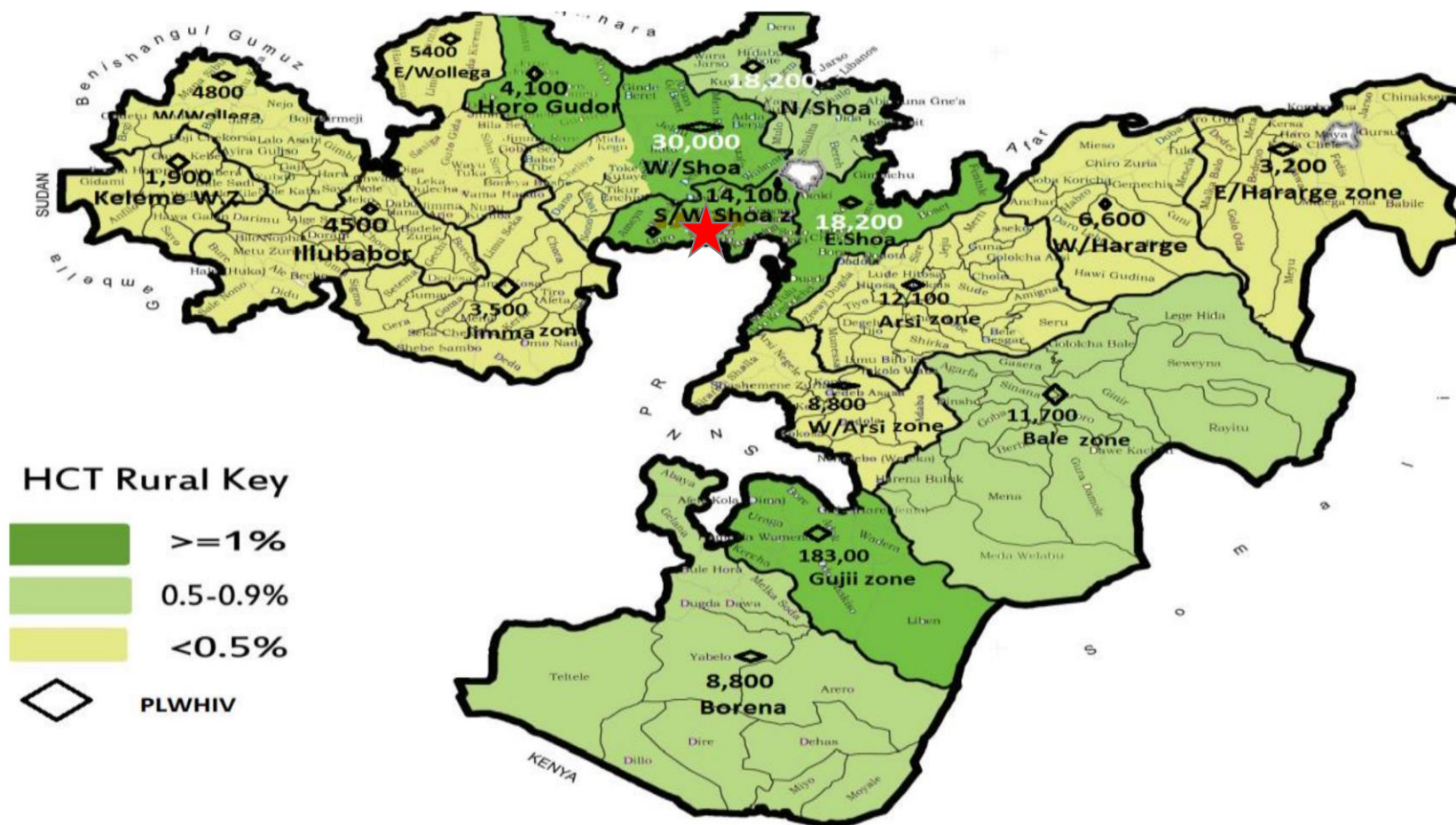
SLH is licensed since 2001 as higher general hospital, a kind of intermediate level between zonal and general hospital

- West Shoa Zona population: 1,206.000
- Wolisso town population: 57.000
- Wolisso rural population: 192.000



Code	Hospital Name	Code	Hospital Name
A1-25	All AA Hospitals (25)	O18	Mekki H.
AF1	Dubi H.	O19	St. Luke H.
AF2	National H.	O20	Limmu Genet H.
AM1	Dessale H.	O21	Alqa Qulaa District H.
AM2	Weldya H.	O22	Deder District H.
AM3	Falege Hleot H.	O23	Ginnir Zonal H.
AM4-5	Gonder & Army H.	O24	Gelemao Zonal H.
AM6	Debremerkos H.	O25	Gambo District H.
AM7	Debretebor H.	O26	Gimbi-Adventist H.
AM8	Debre Birhan H.	O27	HaMarlam Zonal H.
AM9	Tefera Hailu H.	O28	Shambu District H.
AM10	Enat H.	O29	Nego H.
AM11	Melama H.	O30	Gindebert H.
AM12	Mota H.	SN1	Arba Minch H.
AM13	Mehar Meda H.	SN2	Attat H.
AM14	Finote selam H.	SN3	Bubale H.
AM15	Lalibela H.	SN4	Olla H.
AM16	Boromeda H.	SN5	Hossana H.
AM17	Alasta H.	SN6	Jinka H.
AM18	Deberk H.	SN7	Mizan H.
AM19	Kombolcha Army	SN8	Sodo H.
B1	Assosa Zonal H.	SN9	Yirgalem Zonal H.
B2	Pawa Zonal H.	SN10	Chencha H.
BA-2	Dil Chora & Bilal H.	SN11-12	Aweasa & Army H.
G1	Gambella H.	SN13	Dobo H.
H1-5	All Harari H (5)	SN14	Gidole H.
O1	Adama Zonal H.	SN15	Bonga H.
O2	Air Force H.	SN16	Doroma H.
O3	Ambo Zonal H.	SN17	Waka/Tencha H.
O4	Asele Zonal H.	SO1	Jijiga H.
O5	Nagelle Zonal H.	SO2	Godey H.
O6	Bishoftu District H.	T1-2	Mekelle & army H.
O7	Baldirmo Zonal H.	T13	Wiro H.
O8	Chiroo Zonal H.	T3	Axum H.
O9	Fichea Zonal H.	T4-5	Shire & army H.
O10	Goba Zonal H.	T6	Humera H.
O11-12	Jijima H.	T7	Melchew H.
O13	Mettu Zonal H.	T8	Adwa H.
O14	Nekemte Zonal H.	T9	Kuba H.
O15	Wonji H.	T10	Adigrat H.
O16	Dambidola District H.	T11	Abadi H.
O17	Shashemane Zonal H.	T12	Alamata H.

Figure: Map showing HIV prevalence and PLWHIV by zone, Oromia (Oromia Epidemiologic Synthesis report, 2013)





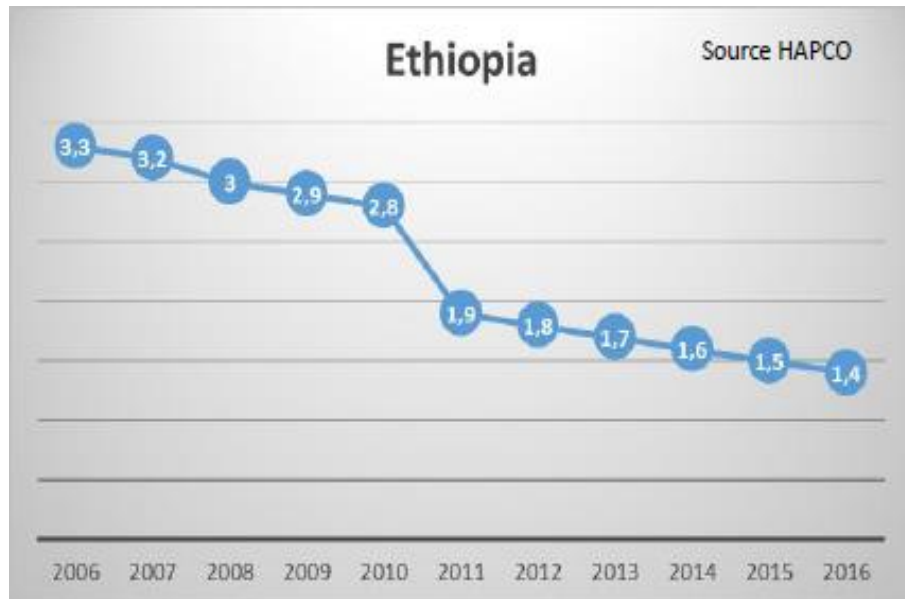
## Map of South West Shoa Zones in Oromiya Regional State



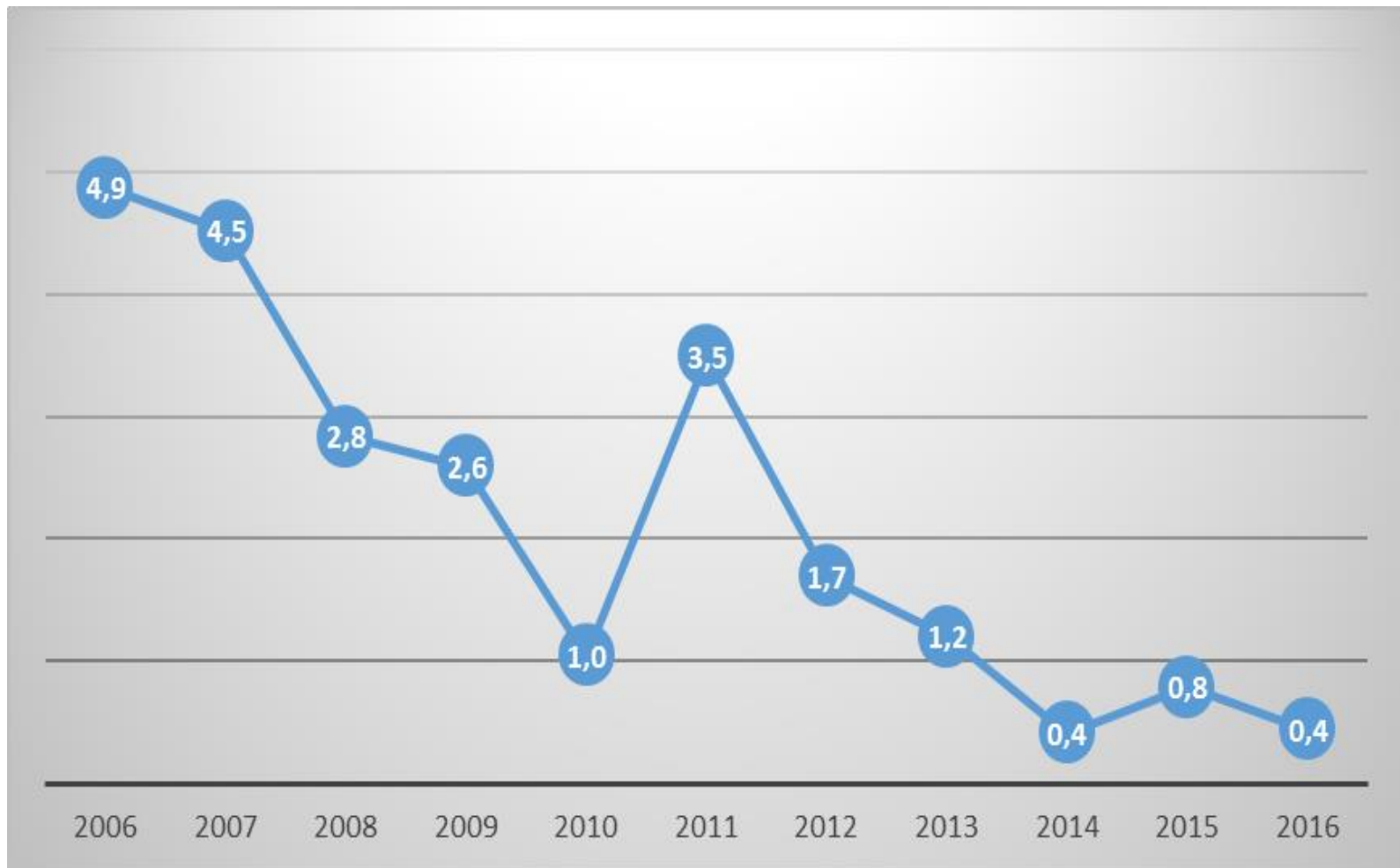
# Road map

- April 2006: ART clinic opened after Government **Free ART Initiative** of 2005
- Partner/supporters: ORHB, WHO, ICAP, AIDS Relief
- Following SOPs/National guidelines: 2007, 2009, 2010, 2011, 2012, 2014.
- Last update on October 2016: every HIV positive patient is eligible for ART

# HIV seroprevalence



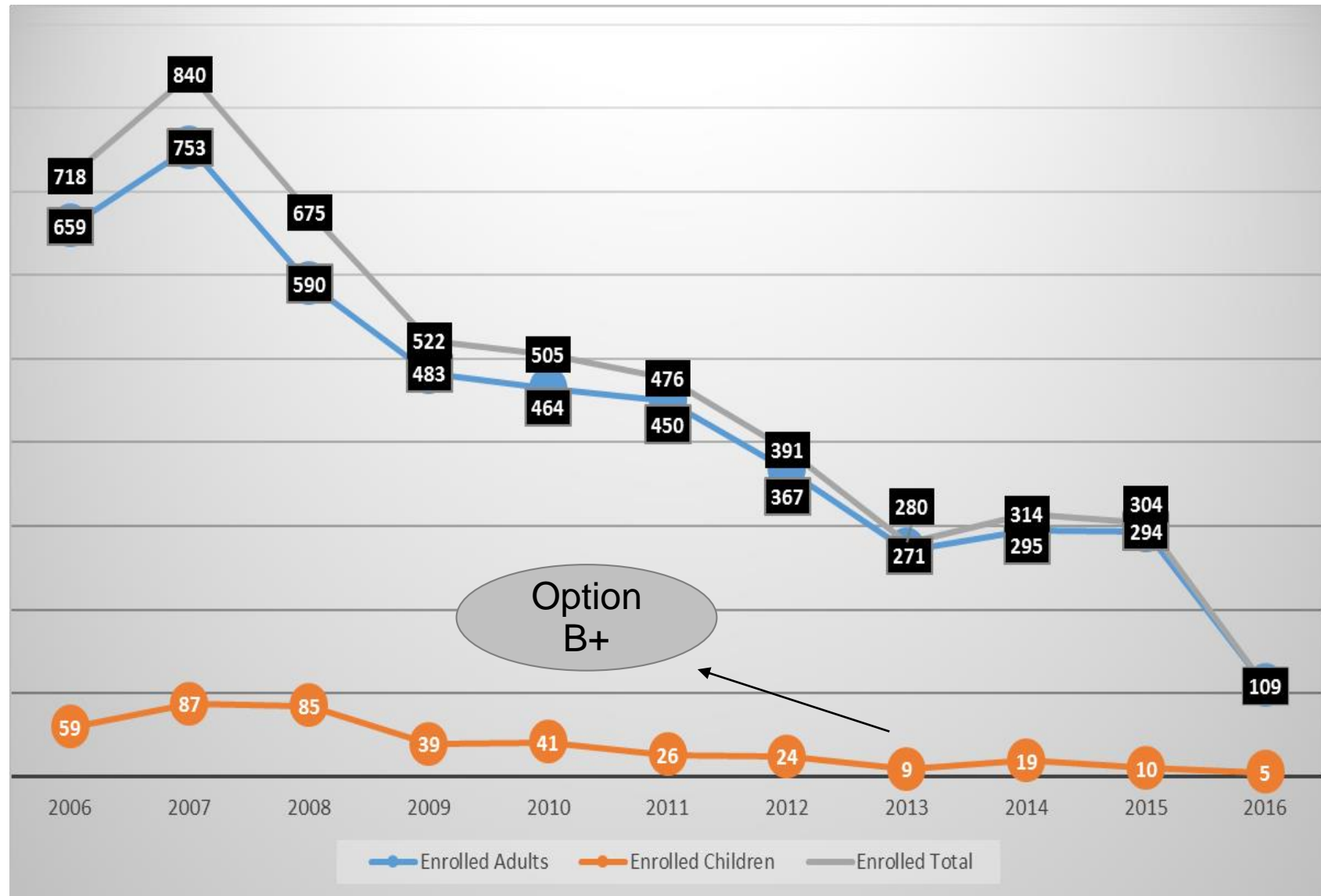
# Seroprevalence in ANC





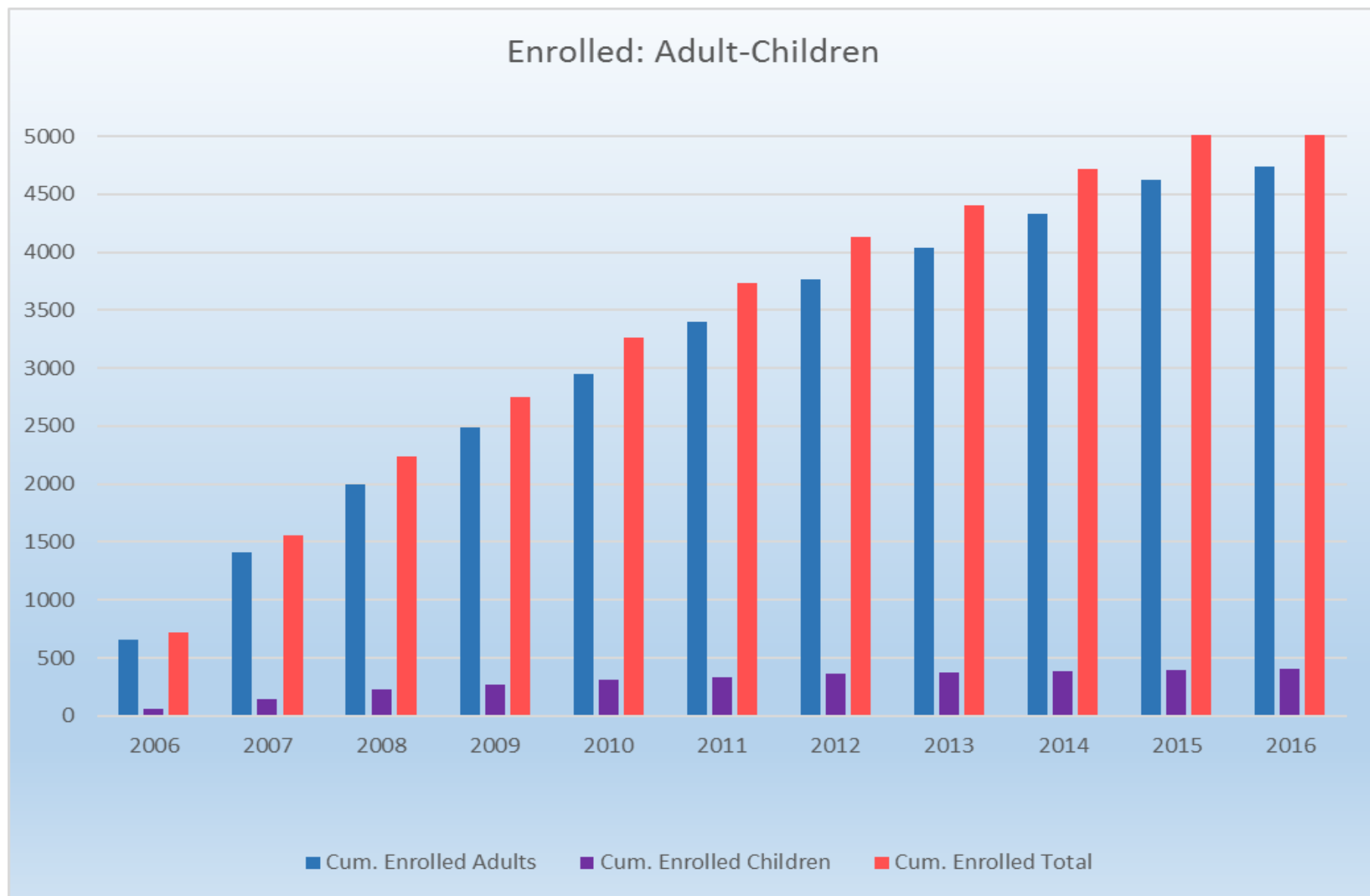
# Yearly enrolled HIV patients trend

## Adults-Children<14

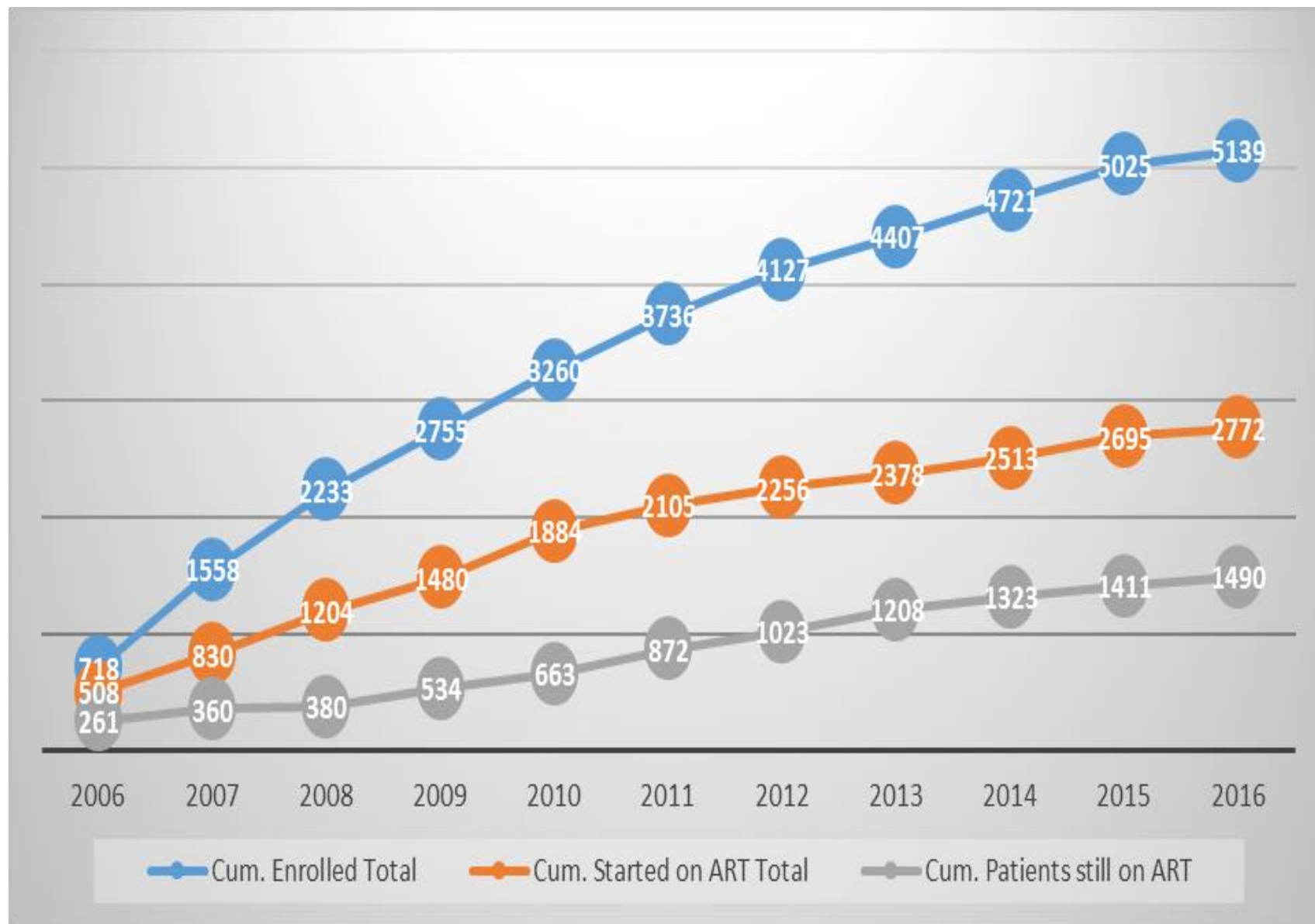


# Cumulative enrolled HIV patients

## Adult and Children<14



# Cumulative patients enrolled



## Retention rate at 10 yrs:

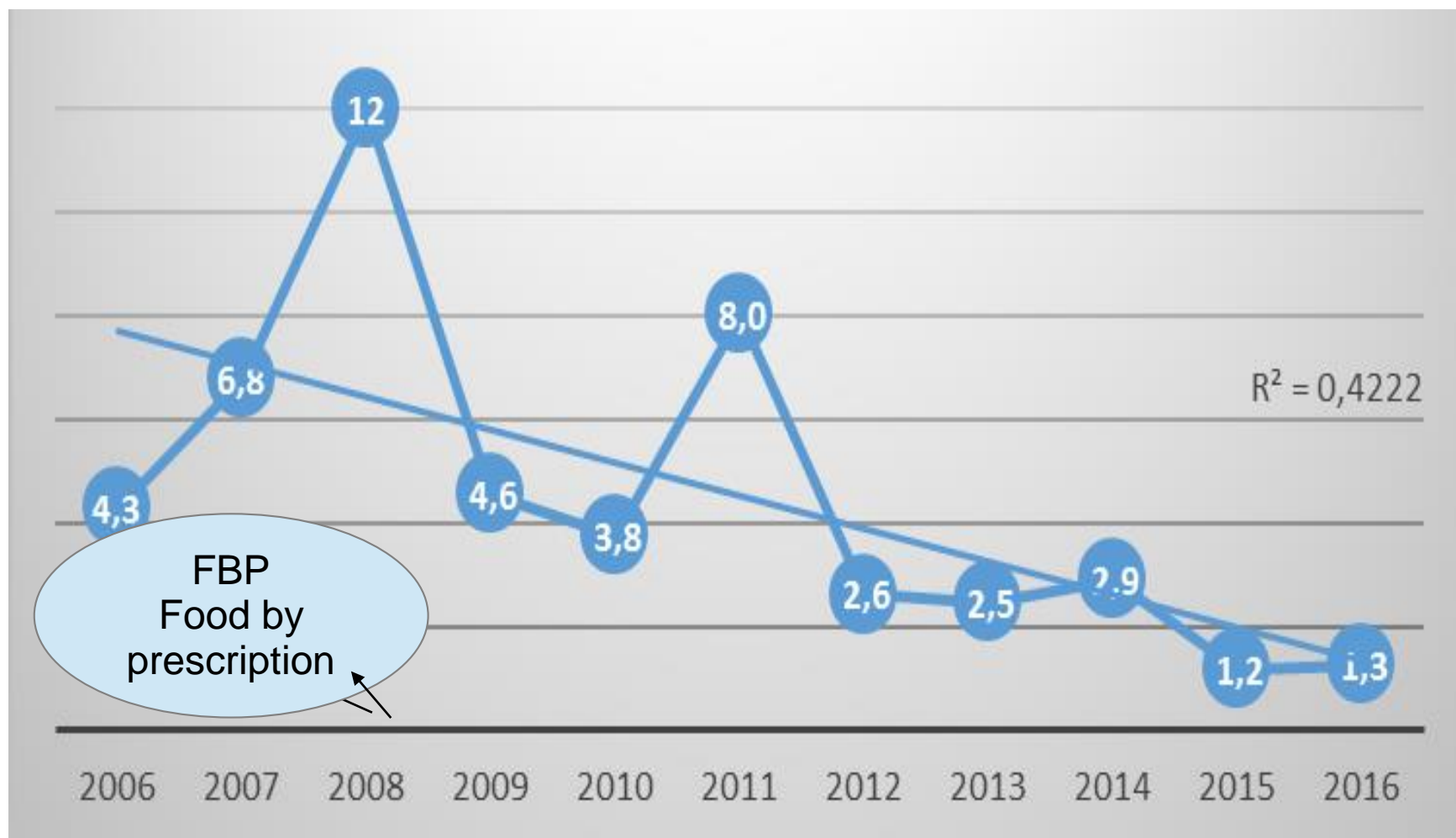
5,139 total enrolled at the end of 2016

2,772 patients totally started ART on our facility

1,490 patients on ART still are attending the facility (53.8% of the total who started ART)

1,516 current patient attending the facility (26 patients in pre-ART)

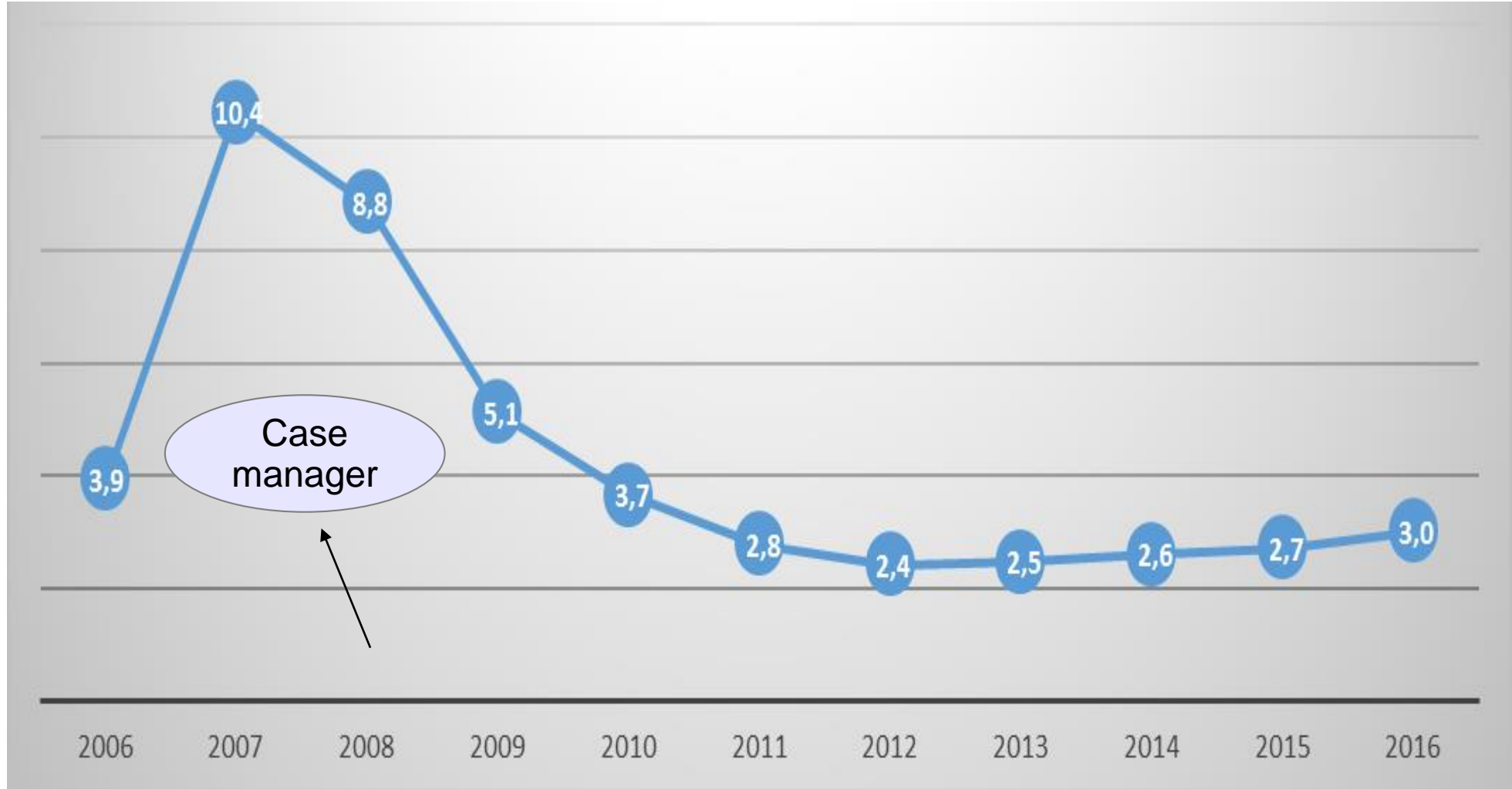
# Mortality of patients on ART



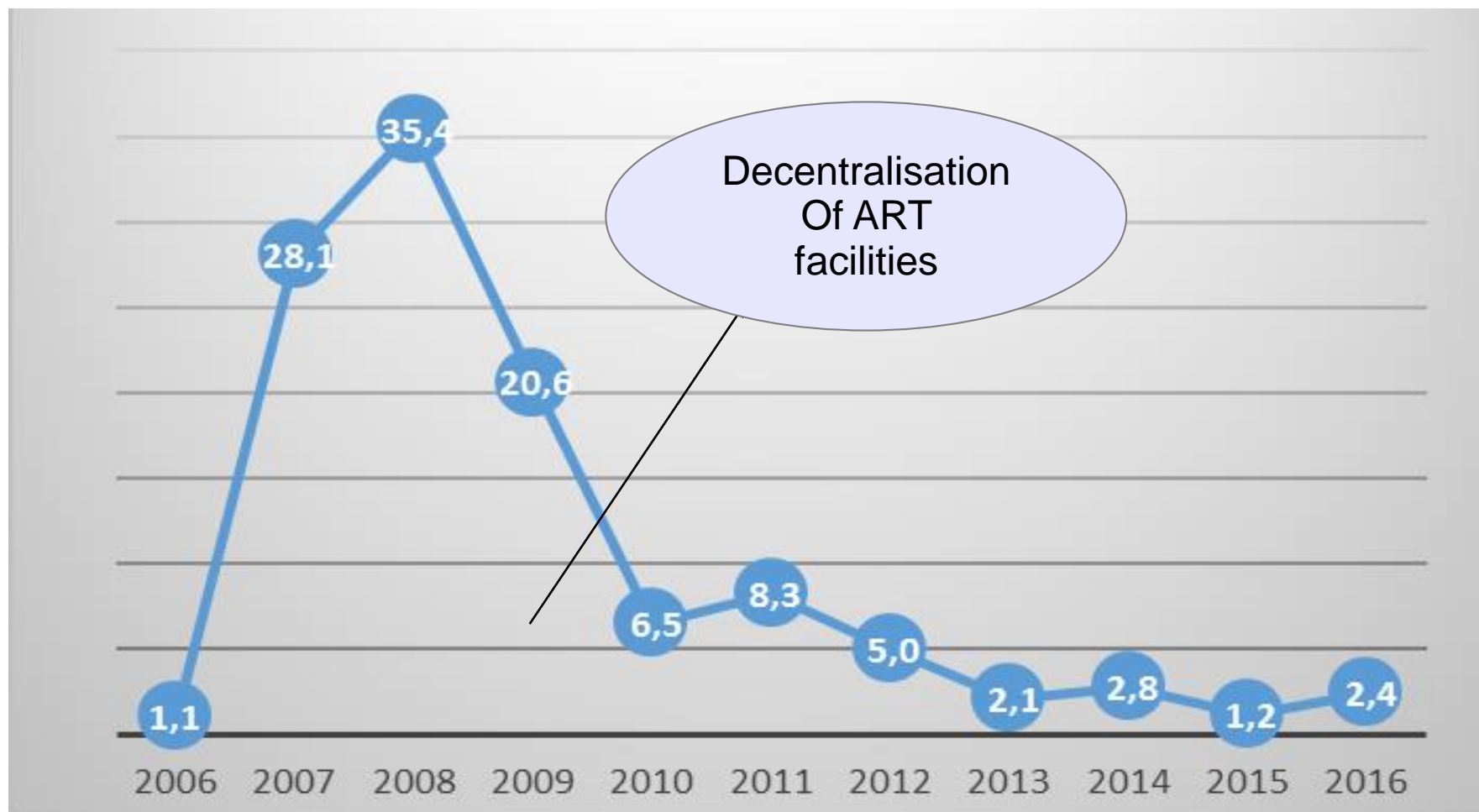


# Drop out % of patients on ART

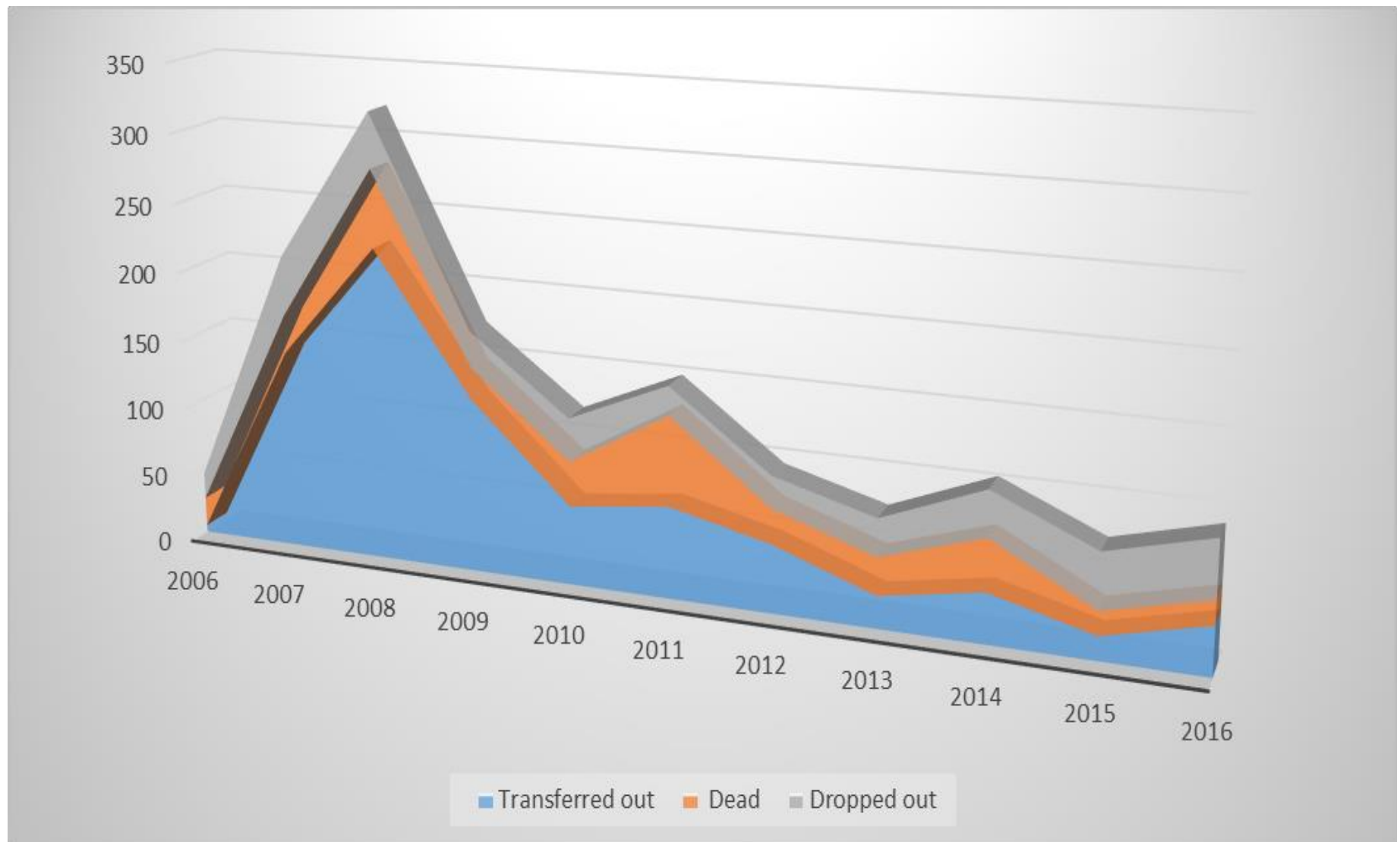
Lost for more than 3 month



# Transfer out % of patients on ART

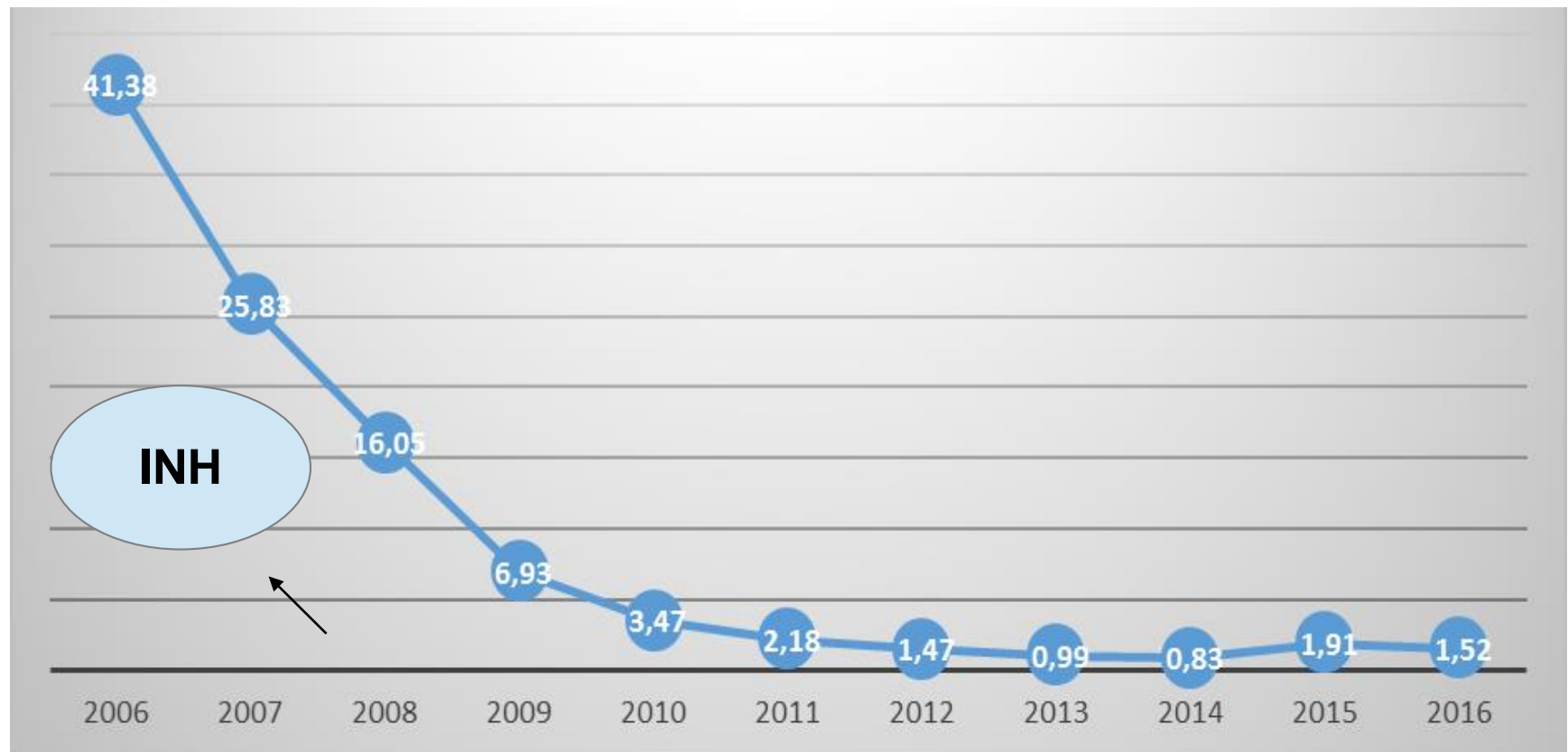


# ART patient no more in our facility



# TB diagnosis in HIV patients

proportion of still on ART in our facility



# New guidelines October 2016: every HIV patient is eligible for ART



## What will be different?



# Every HIV patient is eligible for ART

2367 pre ART patients in 10 years (271 transferred, 125 died, others moved in ART in other facilities in the following years)

**Now no more pre ART**

## **Challenges:**

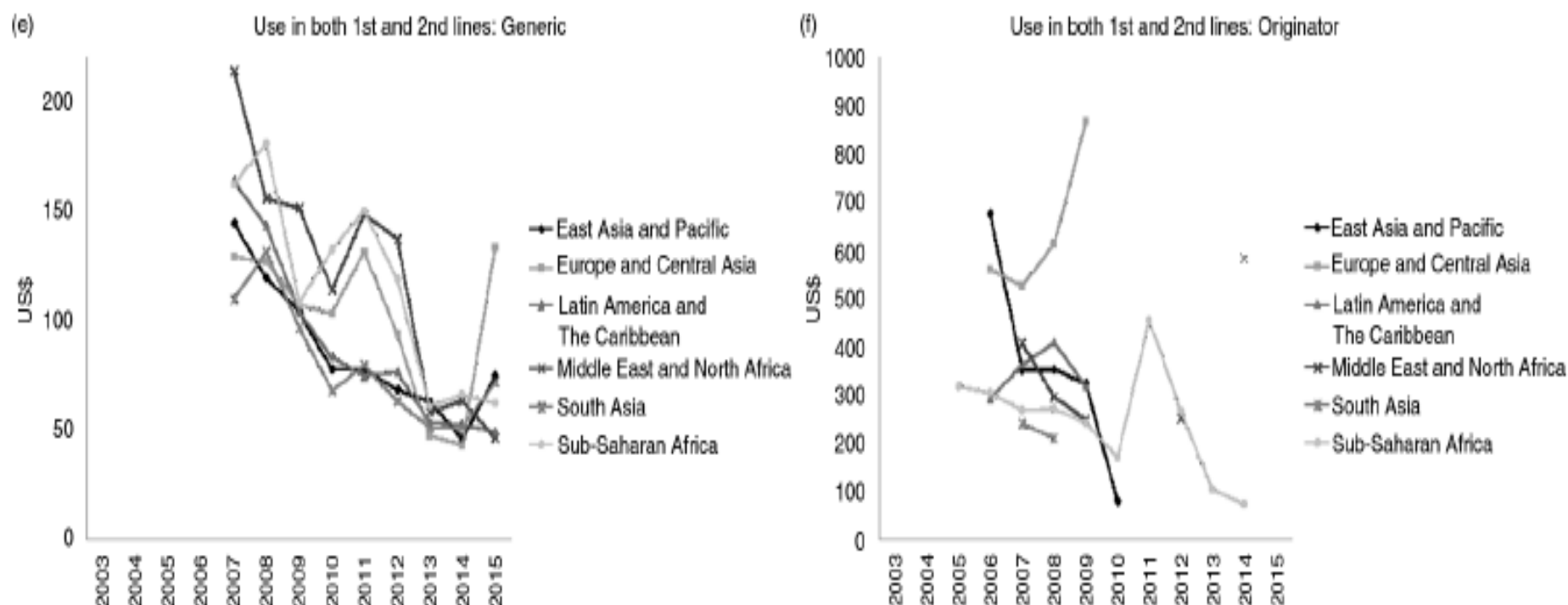
financing sustainability,  
complexity of treatment and monitoring,  
Co-morbidities..

Yearly cost for 1500 patients on ART in SLH

3139 birrs =131 euro

Adult ART prices for yearly treatment decreased from USD 464.3 on average in 2003 to less than USD 136.8 in 2015 (Sagoun-Teyssier L et al Journal of the International AIDS Society 2016;19:20619)

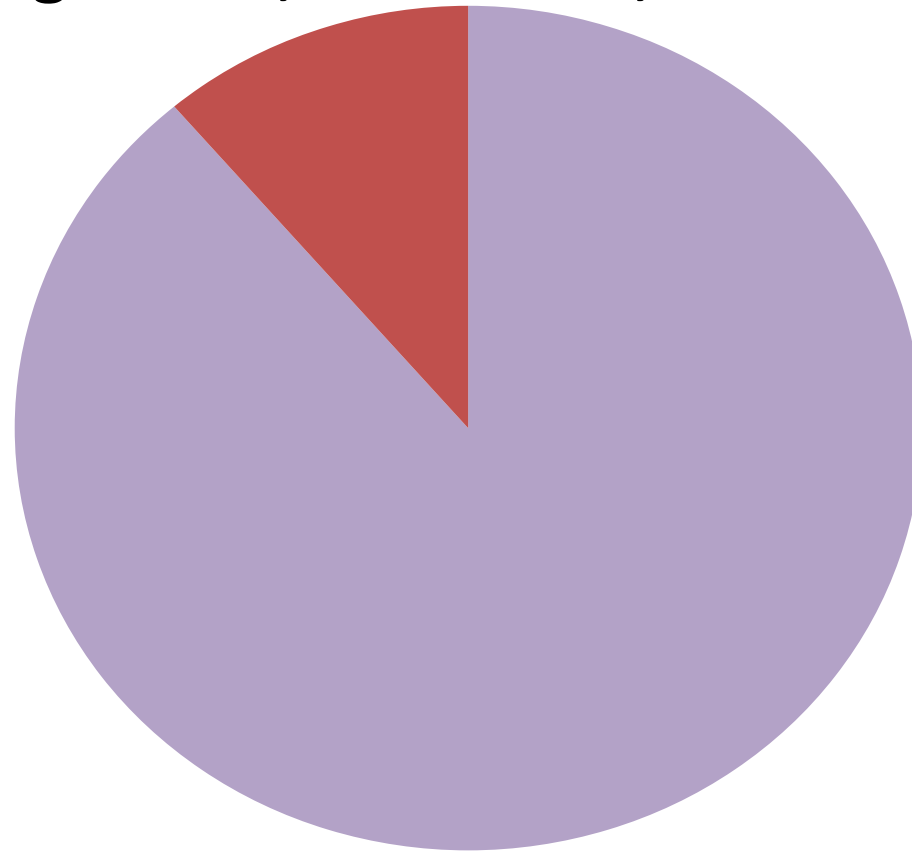
**Affordability of adult HIV/AIDS treatment in developing countries:  
modelling price determinants for a better insight of the market  
functioning**



**Figure 2. Evolution of the mean price of the adult treatment per patient-year by geographic region (2003–2015).**

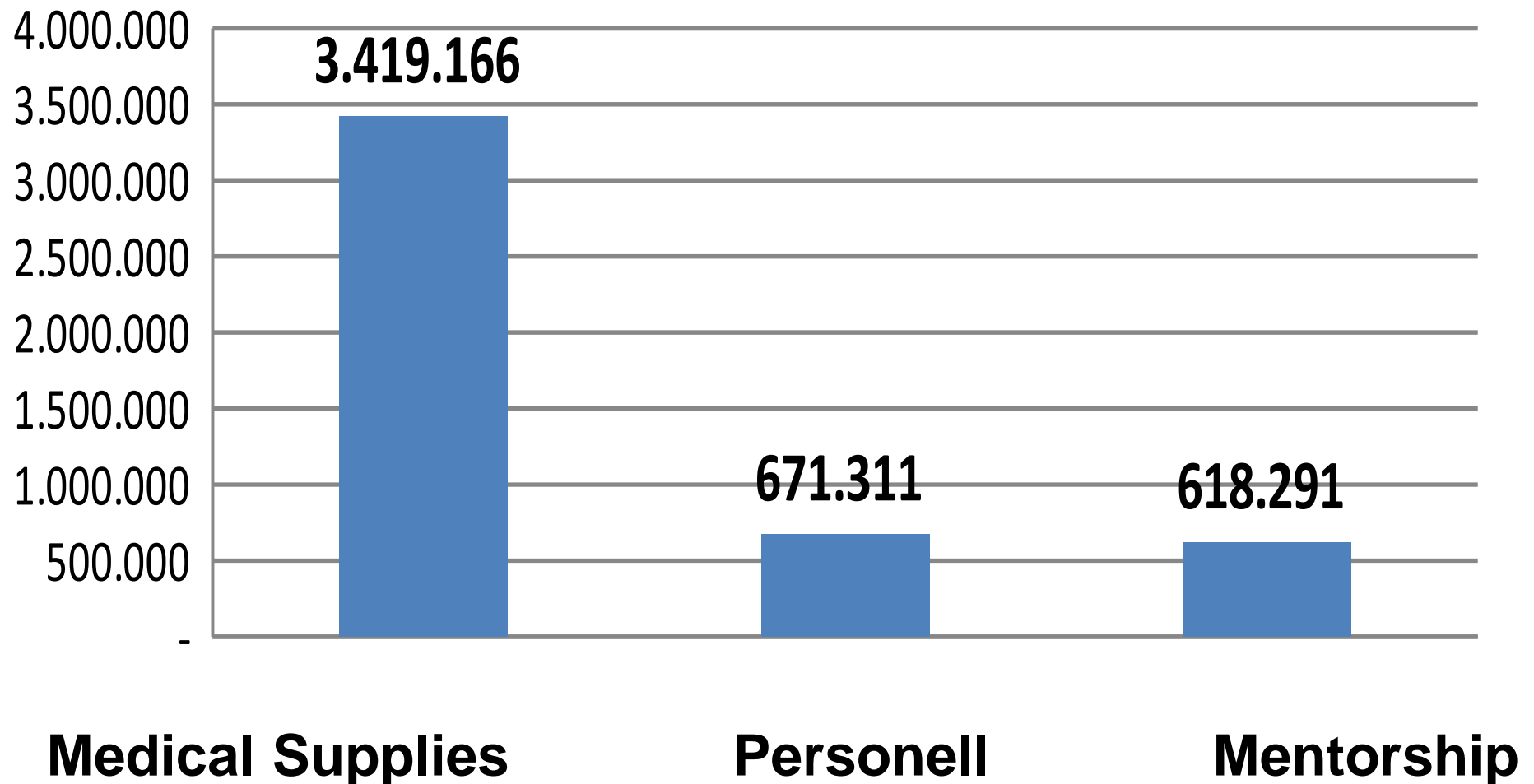
# Running cost of HIV programm in SLH - 2016

**HIV Programme; 4.708.768 ; 11%**



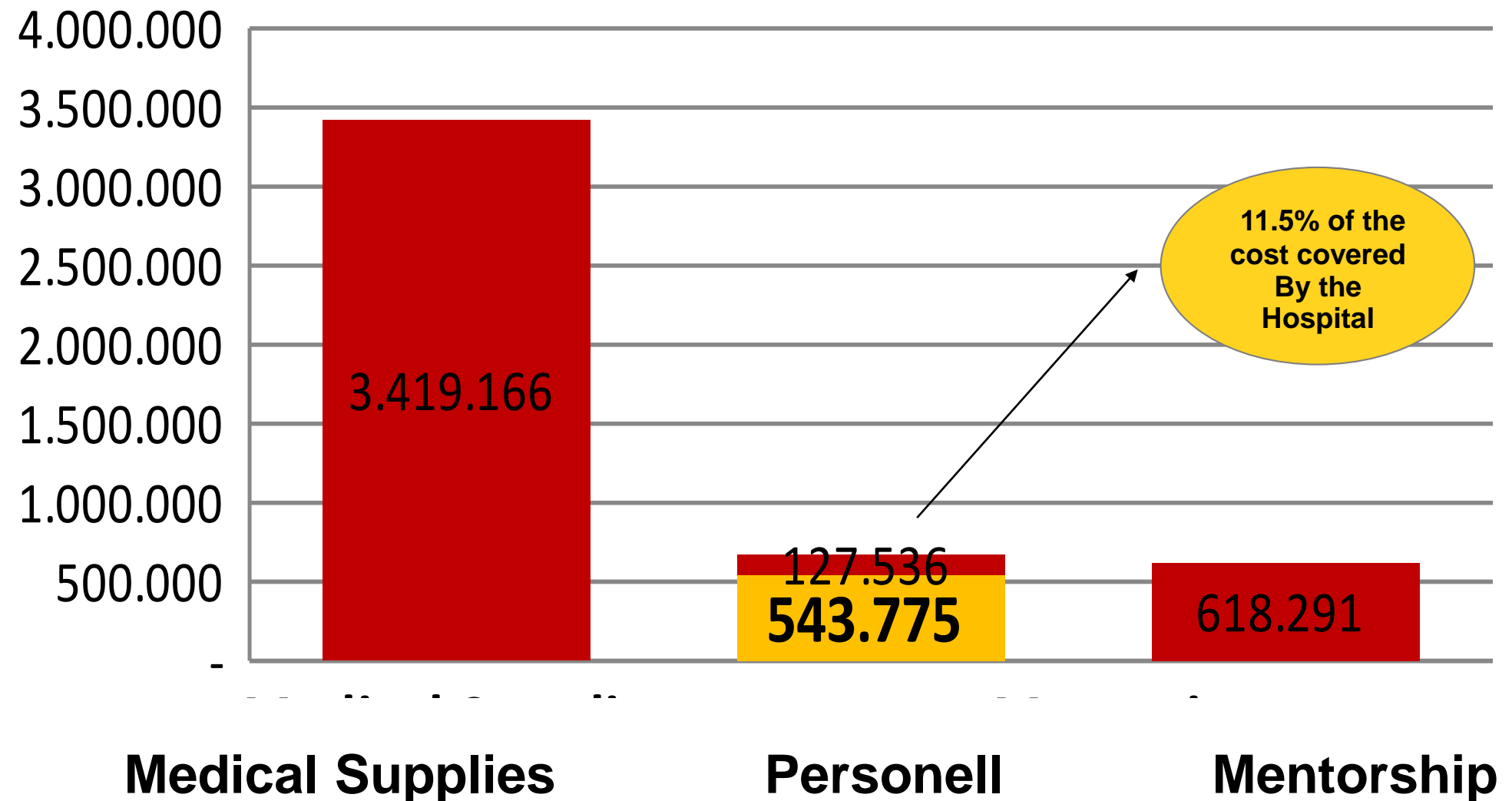
**All Hosp activities; 37.241.232 ; 89%**

# Running cost of HIV programm in SLH - 2016





# Running cost of HIV programm in SLH - 2016



# Conclusion

- The HIV/AIDS Programme is believed to be entirely funded by Government and International Agencies.
- This might be true when the Programme is implemented in Government Institutions where employment costs are paid by the Government.

- In St Luke Hospital **81% of the employment costs** of the Programme are fully covered by the Hospital.
- In actual term **543,000 Birr per year** are injected by the Hospital to sustain the HIV/AIDS services.
- In a Not for Profit institution this represents a heavy commitment that diverts resources from other general uses.
- We believe that **full support to the Programme by the Government/International Agencies** should be considered for these private institutions.