

HIV/AIDS in Italy

3695 new HIV diagnosis in 2014
(with an incidence of 6,1 new
cases per 100.000 inhabitants)

858 new Aids diagnosis in 2014
(with an incidence of 1,4 new
cases per 100.000 inhabitants)

HIV/AIDS in Italy

- The 84,1% of new diagnosis is attributable to unprotected sexual intercourse
 - 43,2% heterosexual
 - 40,9% MSM
- 79% of new diagnosis was made in men with a median age of 39 years
- 27,1% of new diagnosis was made in foreigners

HIV/AIDS in Italy

- 53,4% of new HIV positive patients had a CD4 cells count <350 cell/ μ L at the time of presentation
- Between the 2006 and the 2014 the number of patients who arrived at an AIDS stage unaware of their serological status rised up to 71,4%

HIV/AIDS in Italy

An effort should be made in our country to enhance the early detection of HIV in infected patients

HIV in Italy



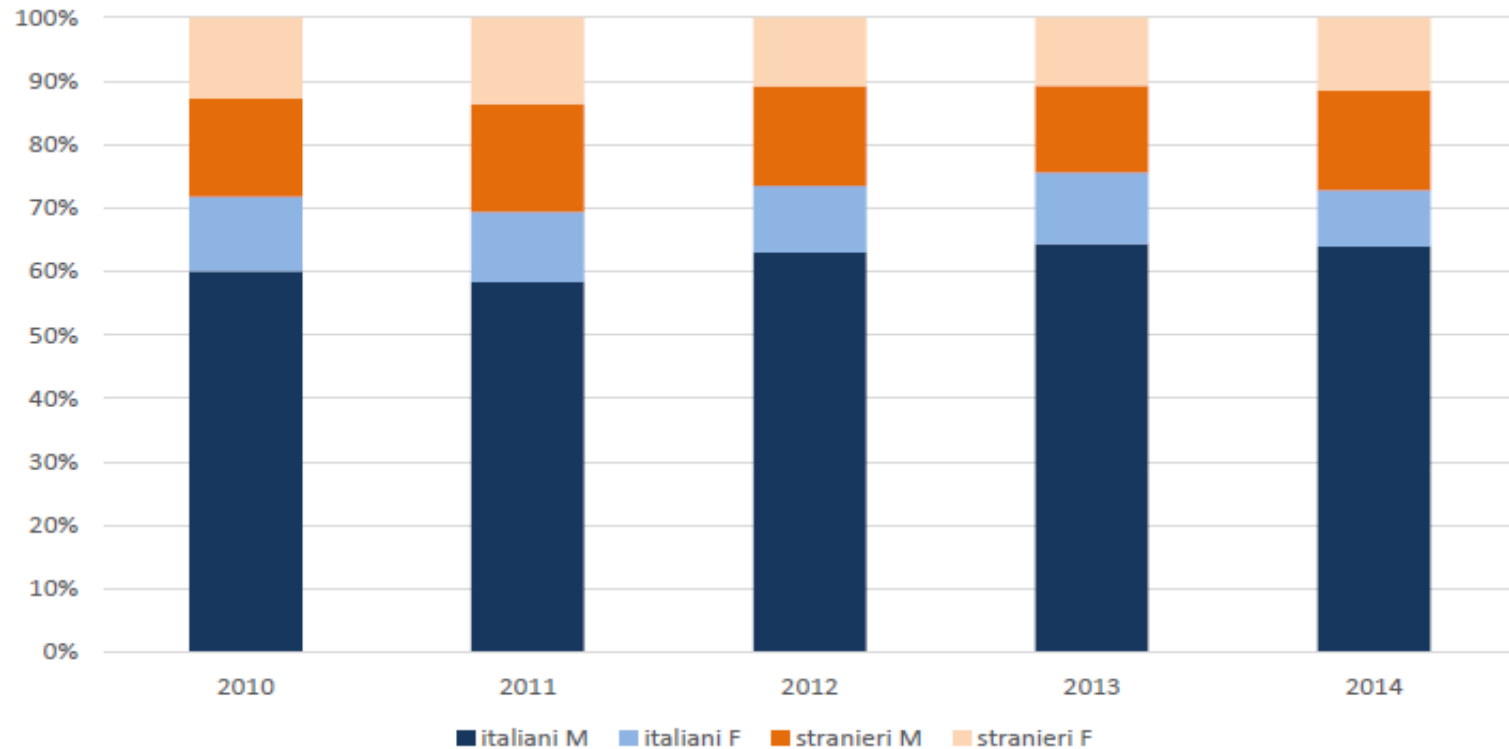
New diagnoses of HIV infection in Italy:

- ✓ 2014: 6.1 new diagnoses of HIV infection/100,000 persons
- ✓ 79.6% were **males**
- ✓ Median age: 39 yrs for males, 36 yrs for females.
- ✓ 84.1% due to risky sexual behaviours:
 - Eterosex 43.2%
 - MSM 40.9%

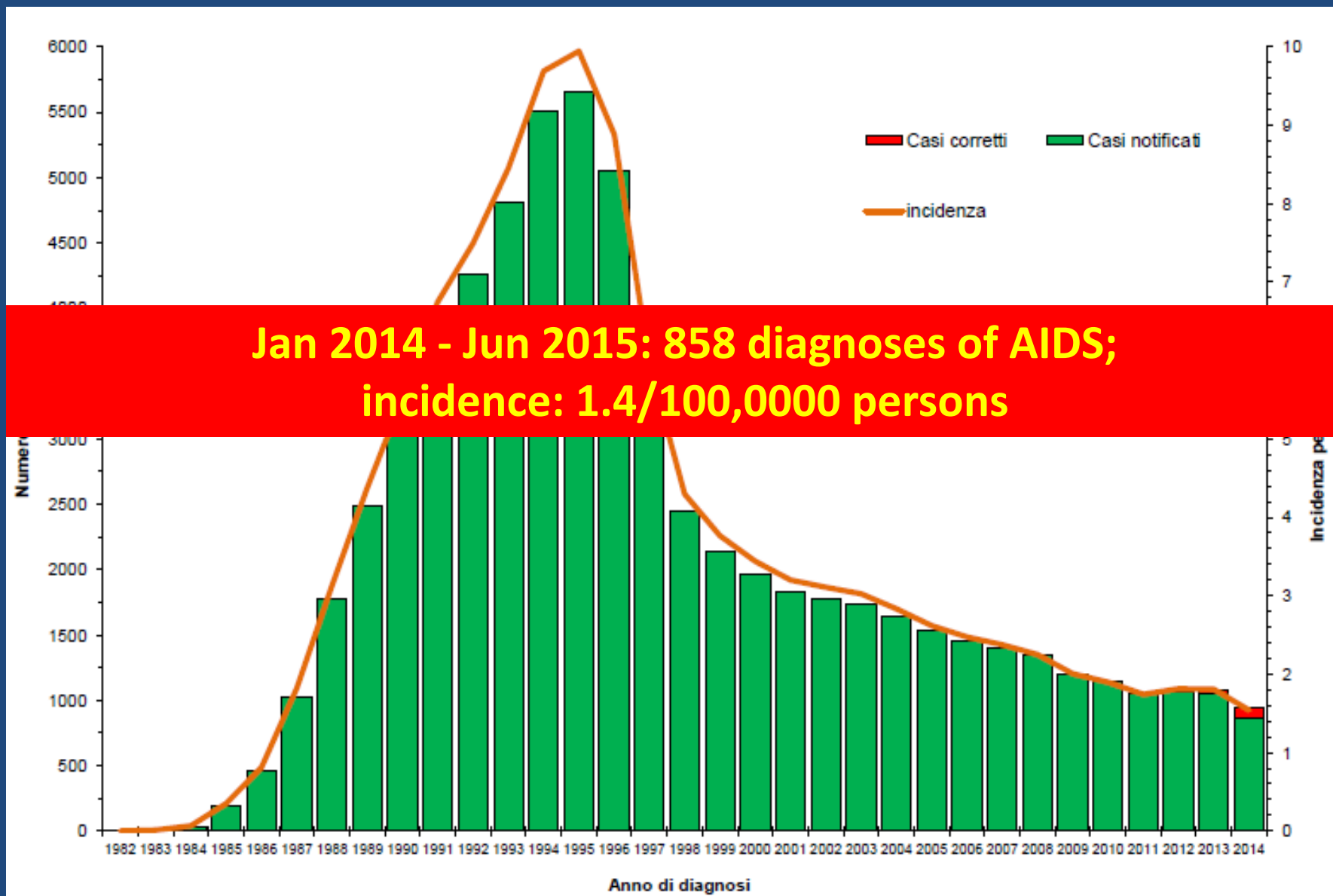
Distribution of new diagnoses of HIV infection:



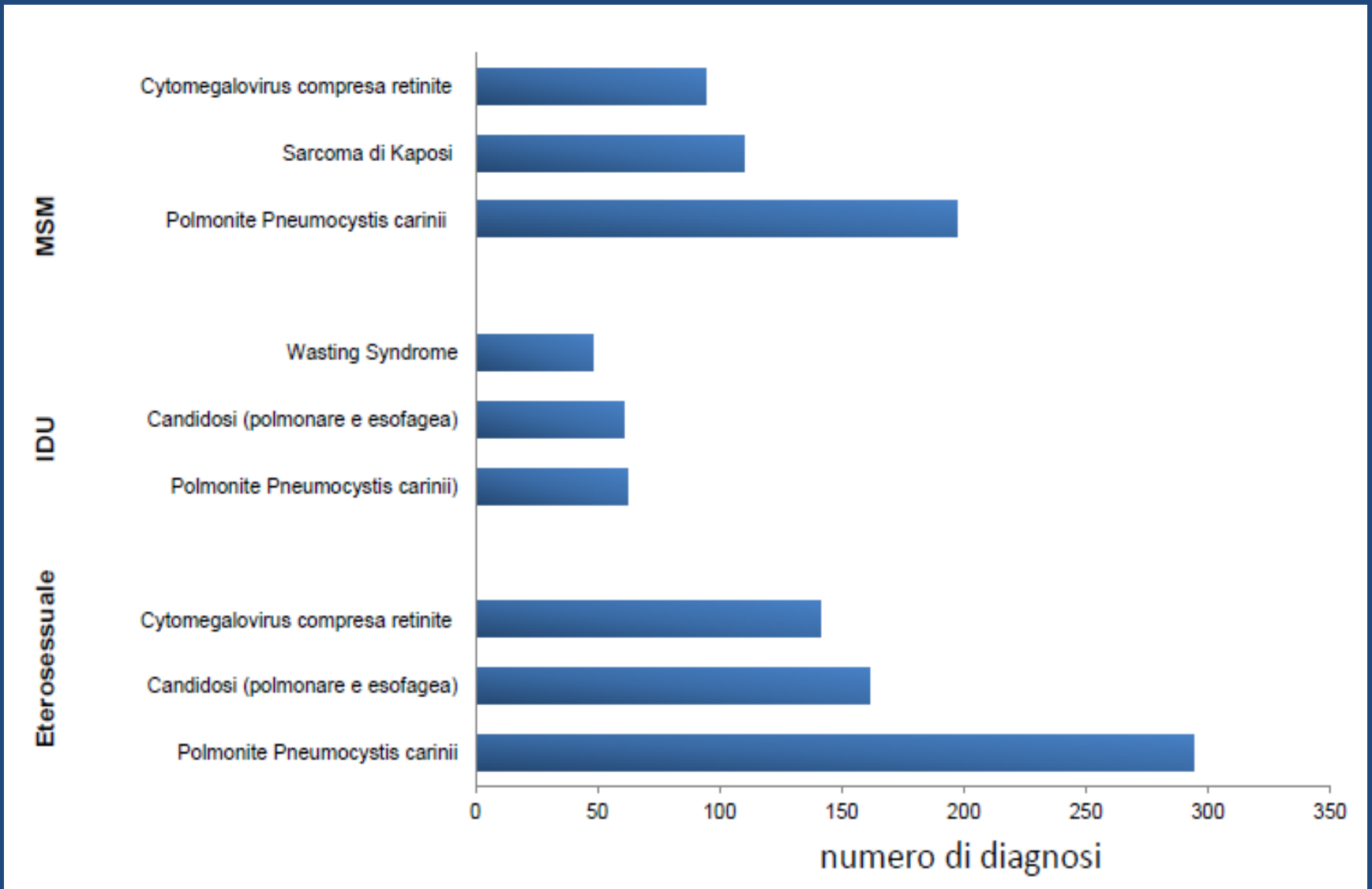
Proportional distribution of new diagnoses of HIV infection, stratified by nationality, gender, and calendar year (2010-2014)



Distribution of AIDS diagnoses and incidence per year:



Distribution of AIDS-defining events according to HIV risk factors

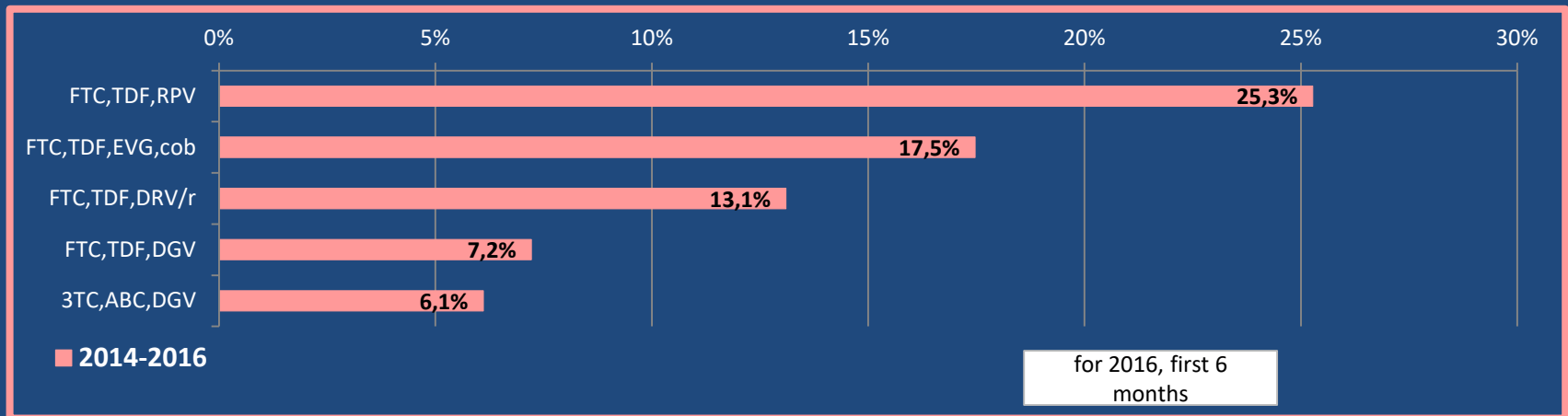
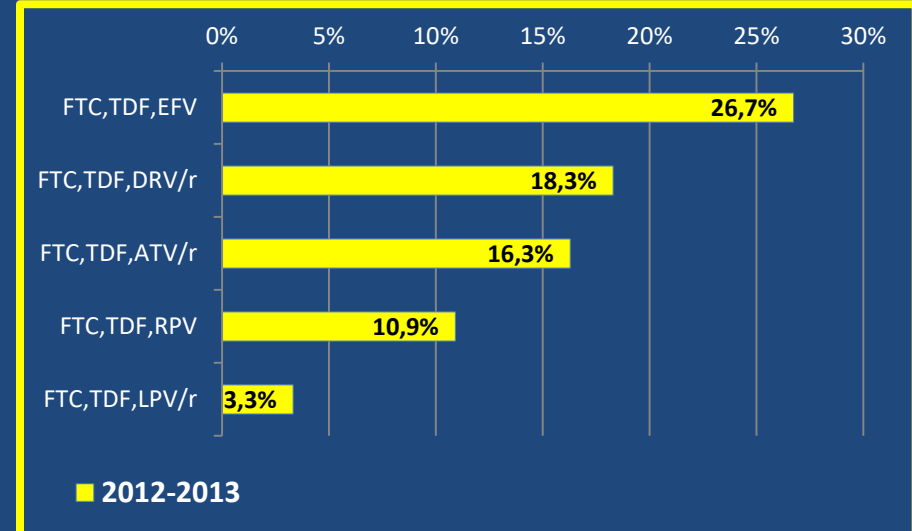
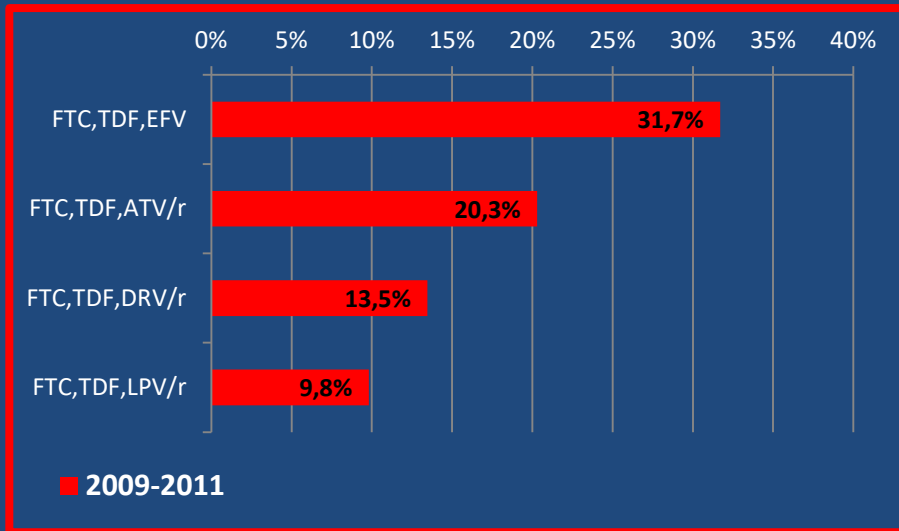


Patients on follow up: 90.9%



Patients on atiretroviral therapy: 92.6%

Most frequent regimens used in first line according to calendar period of starting HAART





LONDON vs. BOLOGNA (Italy)



EACS HIV Summer School

Monday, September 5, 2016 – Friday, September 9, 2016

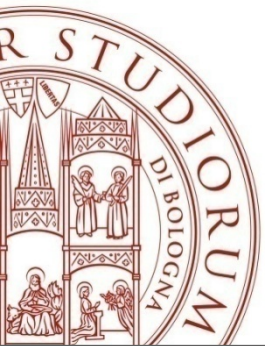
La Baume Les Aix, Aix-en-Provence, France

Nicolò Girometti

ST5 Infectious disease doctor

Infectious disease department - S.Orsola University Hospital

Bologna, Italy



...a bit of epidemiology



BOLOGNA

PHE, UKgov

- ❖ POPULATION: 8.540.000
- ❖ PLHIV: 42.000
- ❖ New HIV diagnoses/yr : 2.800
(63% MSM) ←
- (37% late presenters) ←
- ❖ MSM pop. (ext): >70.000
(13% HIV+) ←
- ❖ HIV prevalence 3.9/1000

vs.

ISS, Epicentro

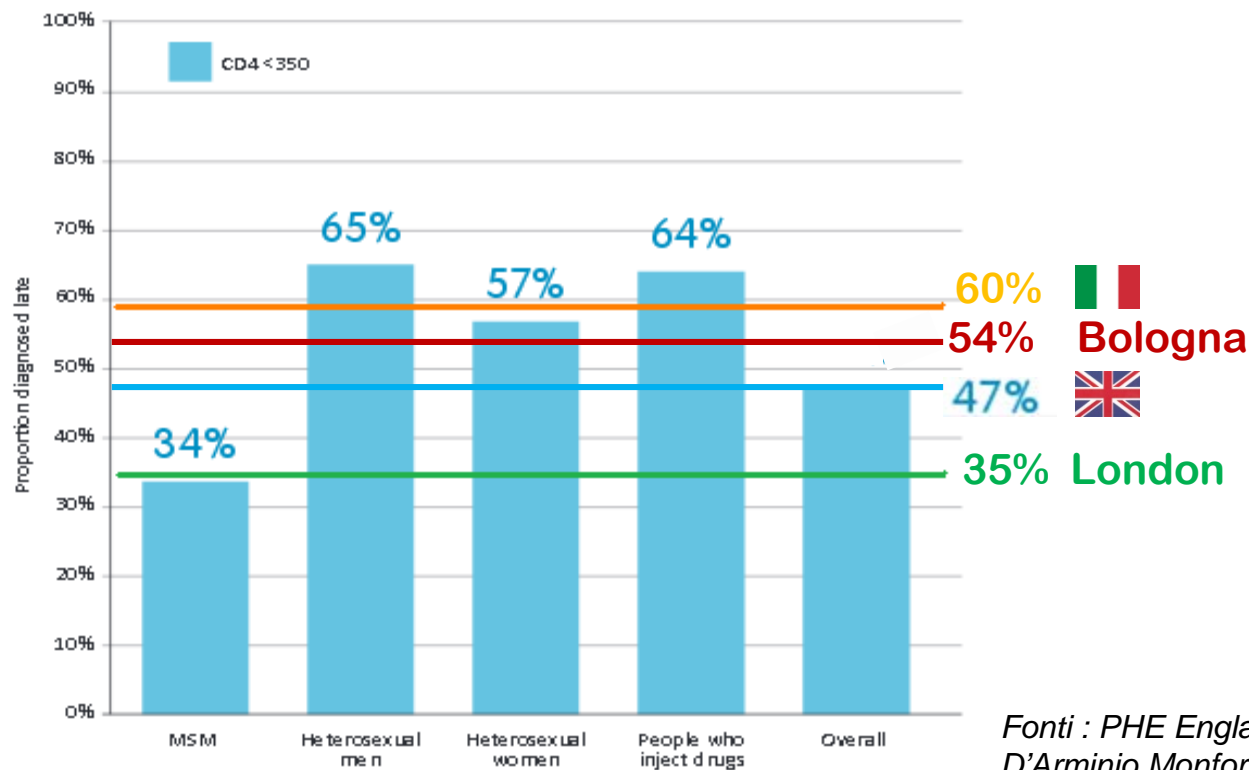
- ❖ POPULATION : 390.000
- ❖ PLHIV: 2.500?
- ❖ New HIV diagnoses/yr: 80
(41% MSM) ←
- (54% late presenters) ←
- ❖ MSM pop. (ext): ???
- Pop aged 18-35: 72.000
- ❖ HIV prevalence 0.8/1000



LATE PRESENTERS UK vs. ITALY



Late diagnosis of HIV infection by exposure group: United Kingdom, 2012



Fonti : PHE England, ISS Epicentro
D'Arminio Monforte Antivir Therapy , 2011

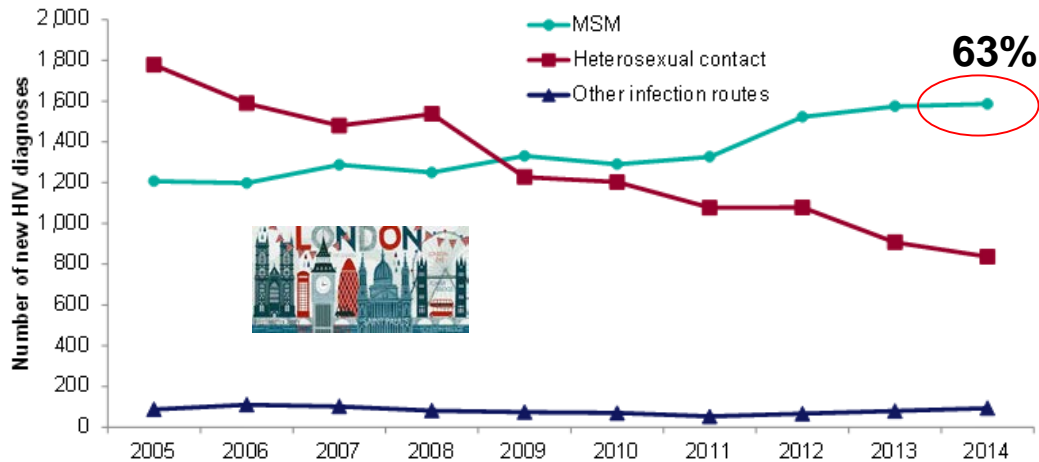


...a bit of epidemiology

PART 2



Figure 4: New HIV diagnoses by probable route of infection (adjusted for missing route of infection information), London residents, 2005-2014 (please see footnote on interpreting trends)*

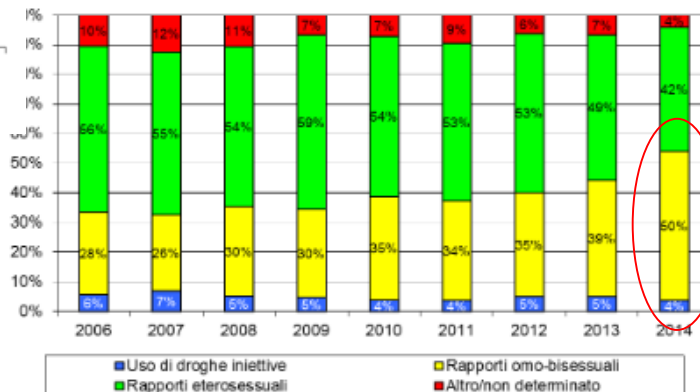


HIV in MSM ↑ ↑

Source: Public Health England, HIV and Aids NewDiagnosis Database (HANDD).



Una percentuale delle nuove diagnosi di infezione da HIV per modalità di trasmissione e anno di diagnosi, 2006-2014.





LONDON



56 Dean Street – GUM/HIV clinic

SERVICES PROVIDED

- ❖ **GUM Clinic services**
 - **Free of charge** HIV and STI screening for asymptomatic patients
 - **Results within the same day via text**

- ❖ **HIV Outpatients clinic**
 - Option E (online follow up)

- ❖ **Additional services**
 - Erectile dysfunction / Anoscopy
 - Health advisor team
 - Chemsex counselling
 - Family planning
 - Psychosexual therapy
 - Clinic Q
 - Nurse appointments



BOLOGNA

... no country for young (testing)men ...



Infectious disease unit / Dermatology unit

- ❖ HIV TESTING CRITICISM
 - 4th generation blood testing
 - Results in 2 days – **TEXTING NOT ALLOWED**
 - **NO POCT** available!

- ❖ STI screening provided by dermatology...
... placed in another building

- ❖ No specialist nurses available
- ❖ No psychosexual / health advisor counselling