

HIV in Sweden 2008

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The Swedish Surveillance System

1. Voluntary HIV testing
2. Suspicion for clinical reasons
3. Testing in accordance with the communicable disease act (contact tracing)
4. Screening (pregnant women, blood donors)

Notification

All doctors and laboratories that diagnose an HIV infection have a duty to report the case to The Swedish Institute for Infectious Disease Control (SMI) and to the CMO.

National “anonymous” code:
year of birth + 4 last figures in the personal identification number.

E.g. : 630205-5634 → 63-5634

Shows age and sex.

Problems with the code

How many of the reported HIV positive people are living in Sweden now?

Deaths/emigration?

Diseases that are a consequence of HIV, or co-infection HIV/TBC?

The same patient reported several times with different codes?

Accumulated numbers

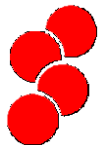
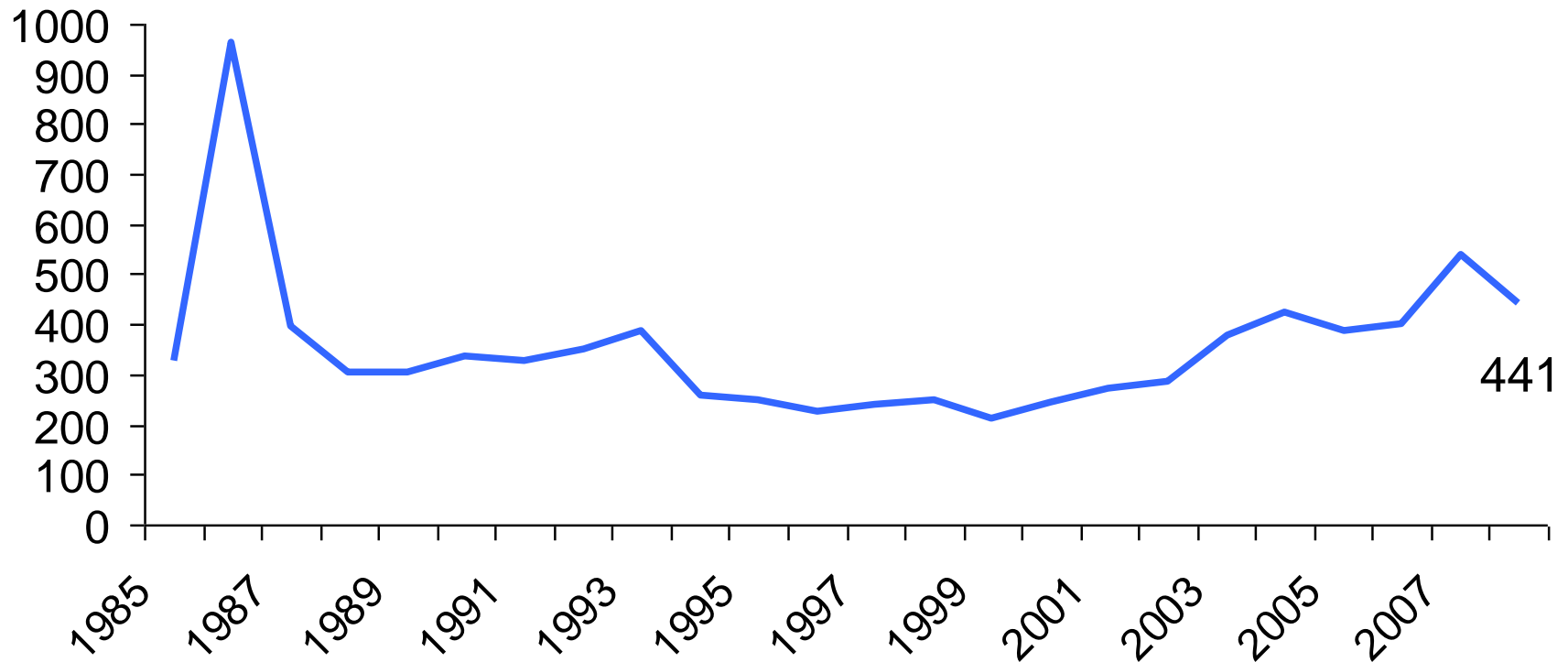
- A total of ca 8 500 reported HIV cases in Sweden 1985-2008
- out of which ca 2 300 were AIDS cases
- about 4 700 people currently are living with a known HIV infection in Sweden

New HIV-cases reported in 2008

- Prel. 441 HIV cases (Men/women =1.6)
- 18% decrease compared with 2007 (541 reported cases)
- Incidence rate of ca 5 cases per 100 000 inhabitants

Reported HIV in Sweden 1985-2008

Number of cases

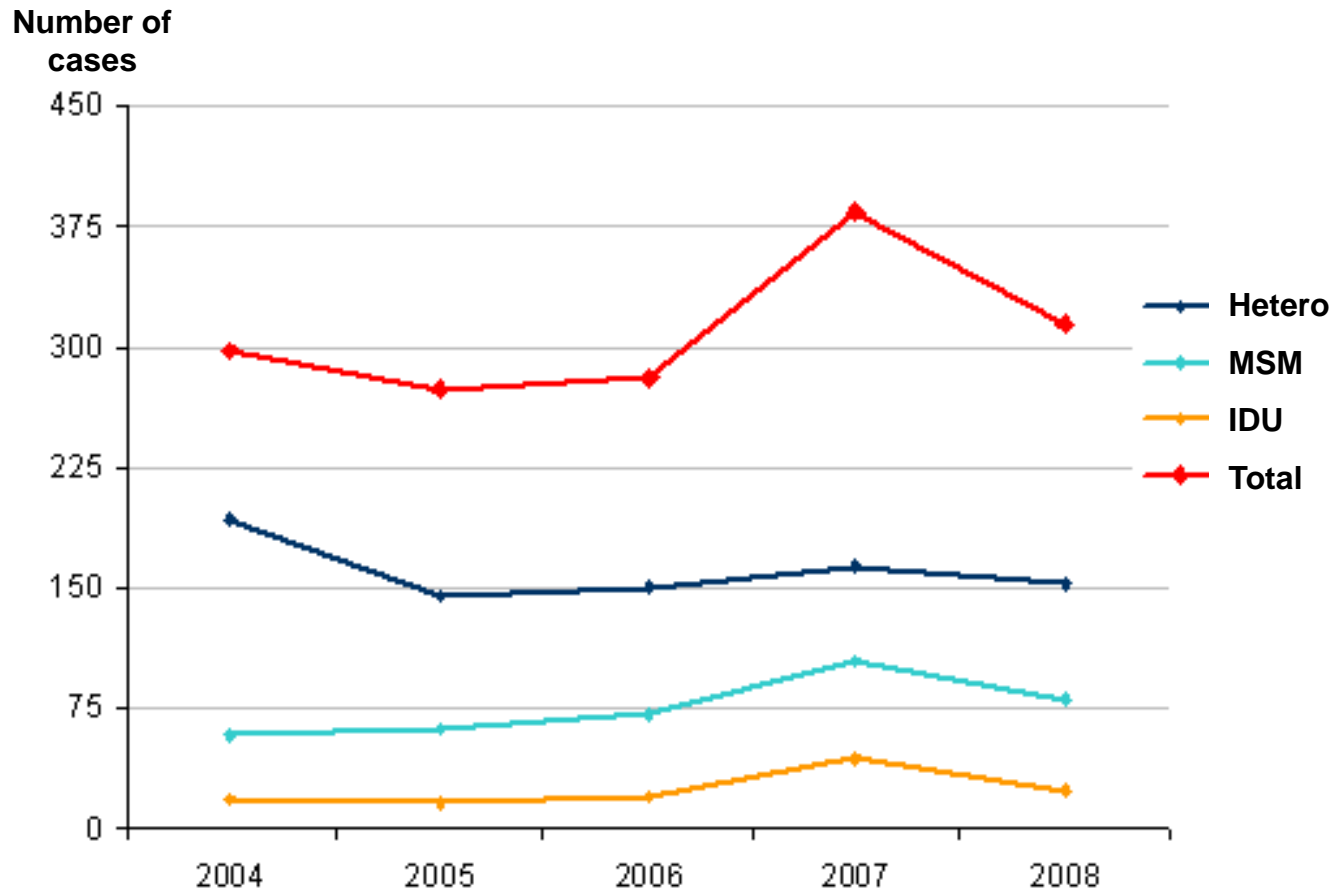


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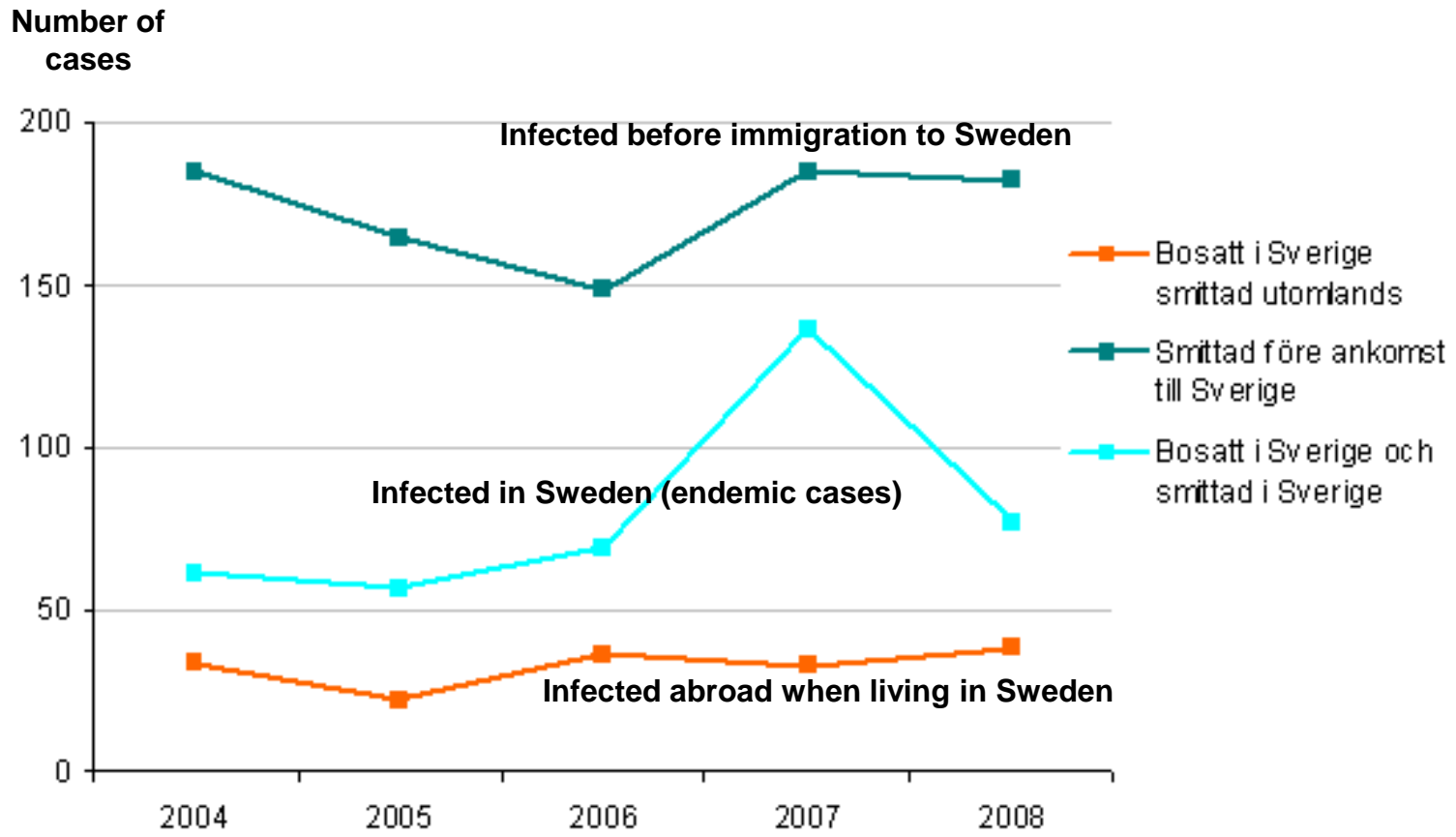


Socialstyrelsen

Reported HIV cases by route of transmission, for 3 quarters in 2004-2008 (only up to 30 Sept in each year)



Reported HIV cases by country of residence and place of infection for 3 quarters in 2004-2008 (only up to 30 Sept in each year)

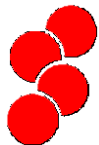


Summary HIV trends

- An increase of HIV cases during the last 5 years, mostly because of an increased number of endemic cases among IDU and MSM
- Majority of new cases among immigrants (mainly heterosexual transmission)
- A declining tendency in 2008

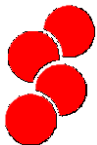
Tuberculosis in Sweden

- 497 cases reported in 2007 (ca 5 cases per 100 000 inhabitants)
- 63 % pulmonary TBC
- 78 % immigrants (39 % fr Africa; 25 % from Asia)
- 4 % multi resistant (isoniazid and rifampizin)



Tuberculosis in Sweden

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Co-infection HIV & TBC

- Not possible to compare register data because HIV reported by coded notification, and TBC notified with full identity.
- AIDS diagnoses reported on county level (not complete on country level)
 - Västra Götaland County (incl. Gothenburg): 33 out of ca 1 000 reported HIV cases notified with aids due to TBC.