

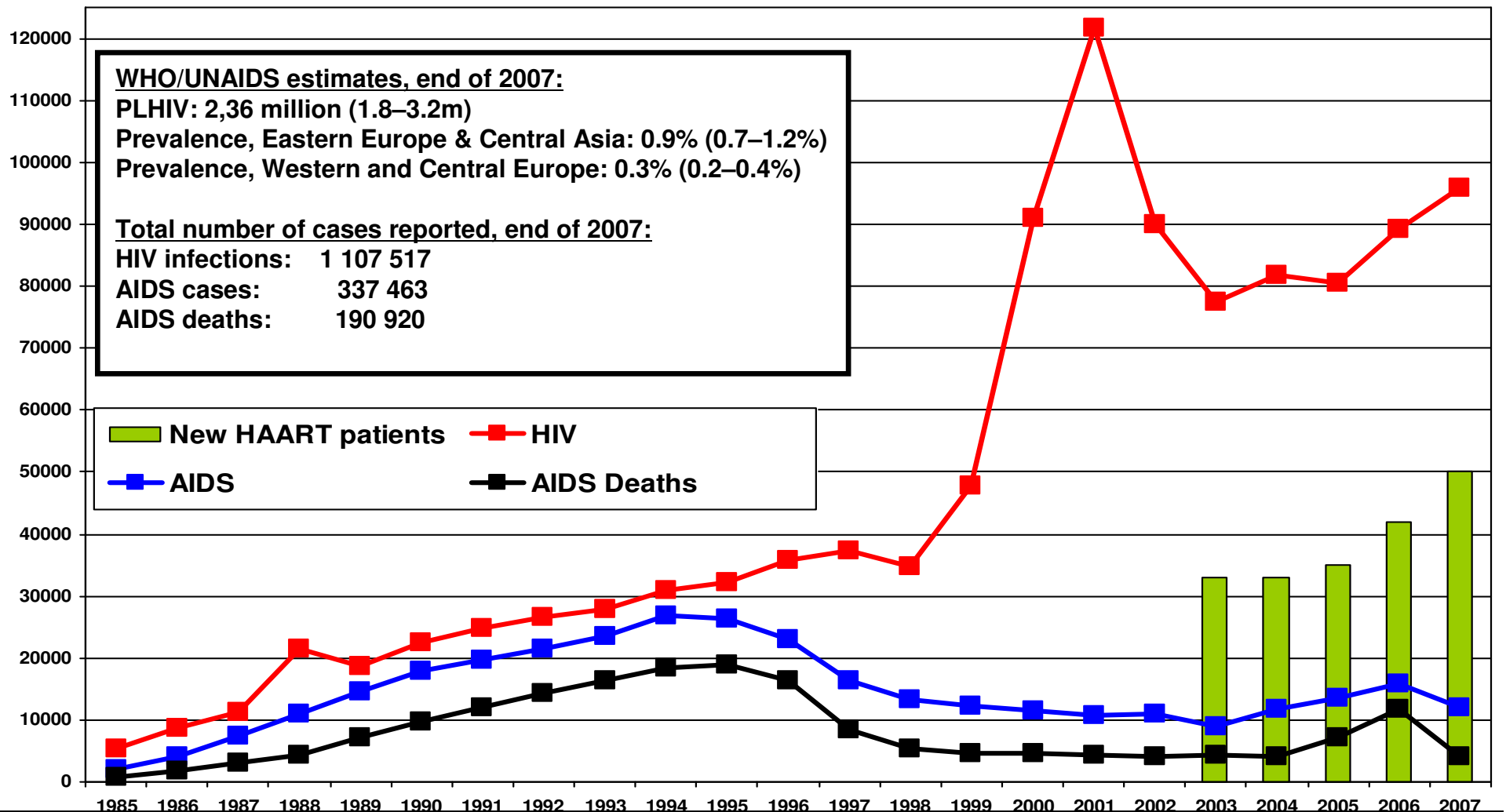


HIV Drug Resistance in the WHO European Region

Division of Health Programmes
Communicable Diseases Section
World Health Organization
Regional Office for Europe
Copenhagen



Annual number of newly reported cases - all WHO EURO countries, Dec. 2007

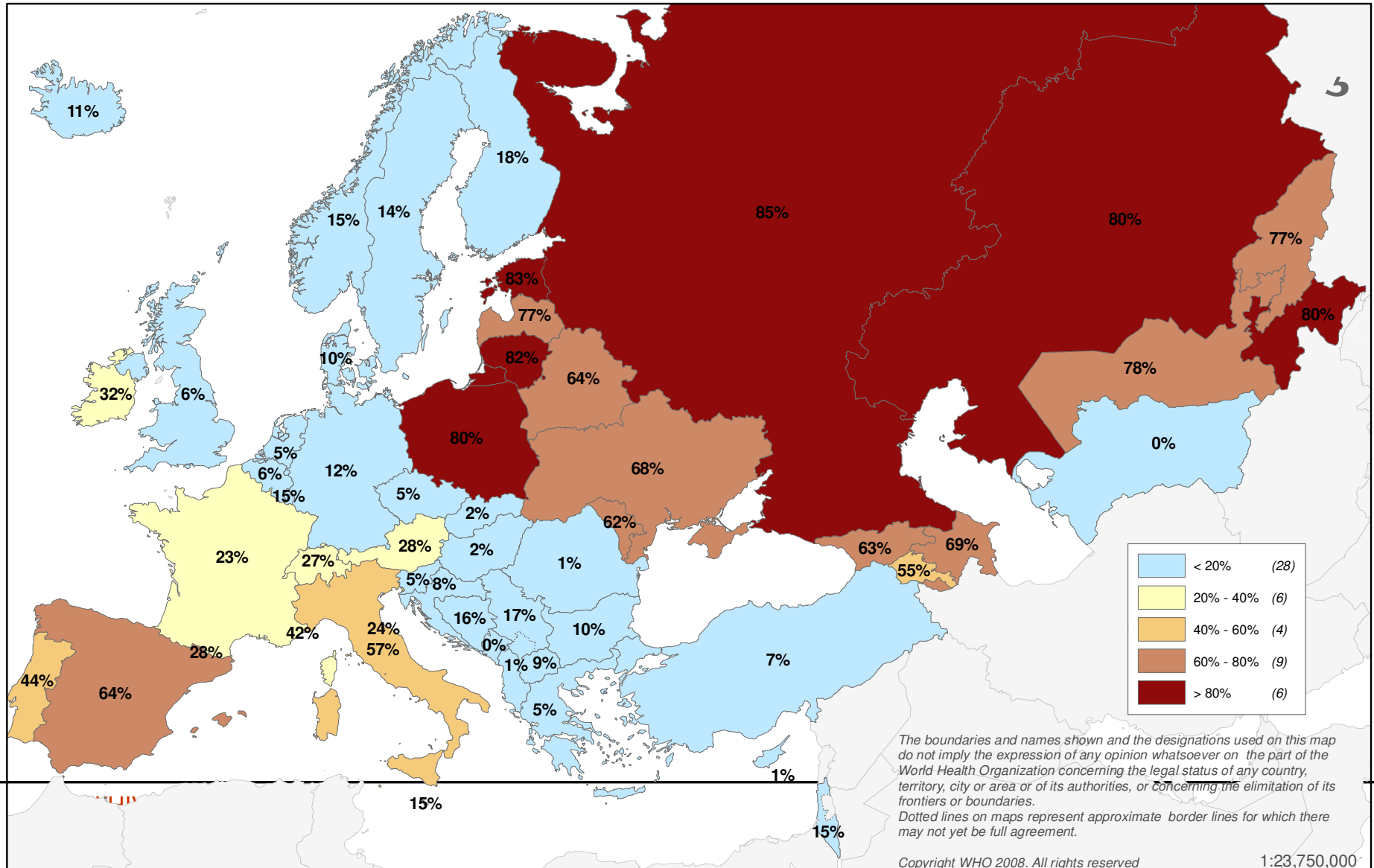




IDU as % of all HIV/AIDS cases with known transmission route, 2006

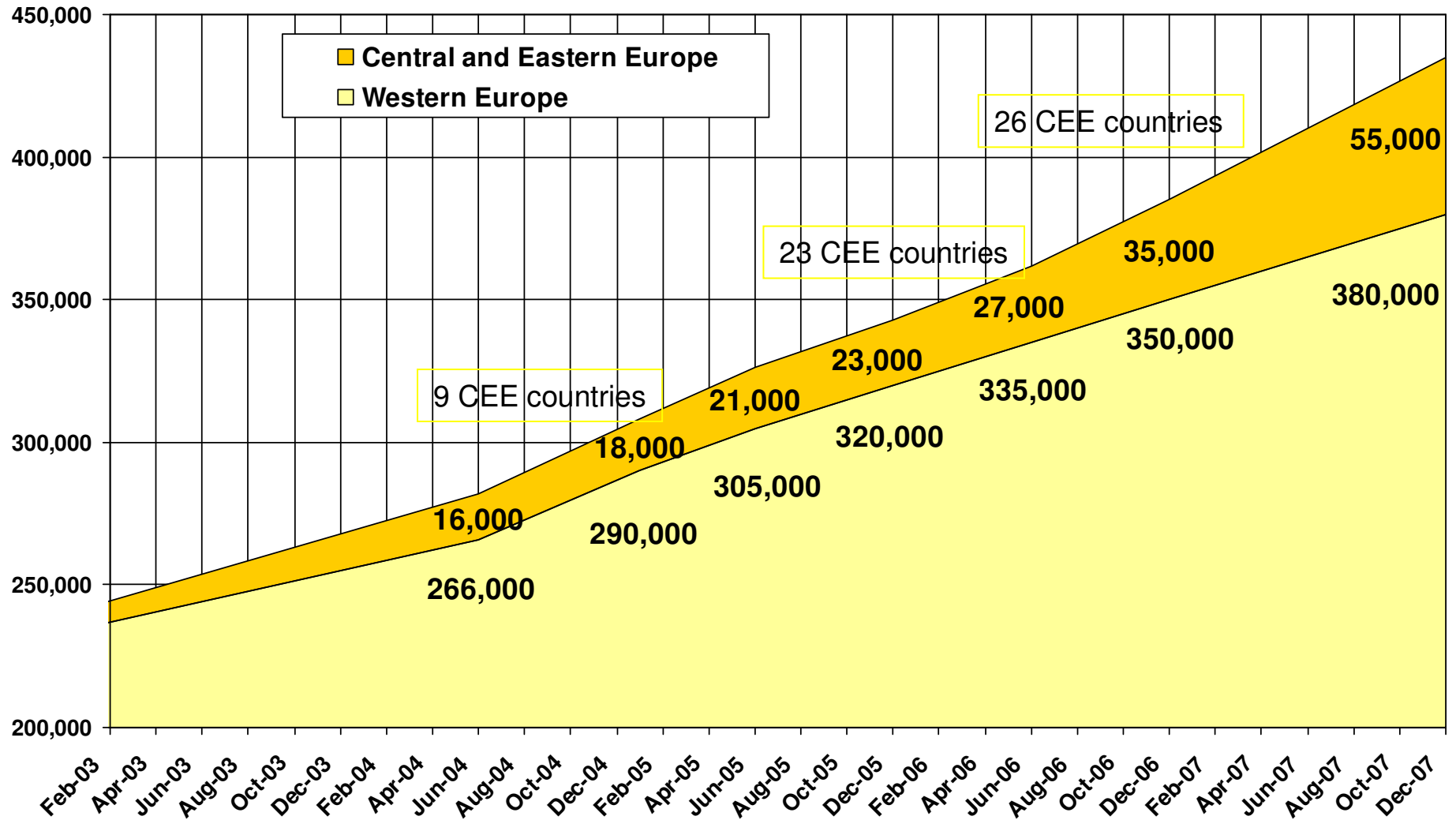
NOTE: % of AIDS cases in countries not reporting HIV

Sources: EuroHIV; national reports:





Scaling up treatment in Europe





Number of HIV and HAART patients

Source: WHO EURO survey, Dec 2007

	Patients seen for HIV care	Patients on HAART	# HAART facilities	Average # of HAART patients per facility
West	425,000	380,000	1,350 (6 MS not reporting)	205 (9-700)
Centre	17,000	15,000	120 (3 MS not reporting)	105 (9-700)
East	280,000	40,000	255 (1 MS not reporting)	170 (12-770)
Total	687,000	435,000	1,725	195



Countries

- Eastern Europe
 - Russian Federation
 - Ukraine
 - Various countries in preparation
- Western Europe
 - Accreditation of labs
 - Collaboration with UK, ECDC, “Europe HIV Resistance”, SPREAD, CATCH, WATCH



Russia: achievements

- HIVDR working group is in place
- National HIVDR plan for next two years is under development
- National guidelines for prevention of DR transmission published
- Threshold surveys in 8 regions were performed but data collection and sequences not yet quality-assured by WHO (level of HIVDR reported as < 5%)
- 1 HIVDR sentinel site survey done using different methodology
- Reference laboratory designated, WHO assessment planned



Russia: plan

- National HIVDR plan for next two years in place
- Tools for monitoring of EWI to be designed and EWI to be collected
- Completion of WHO accreditation for national reference genotyping laboratory
- Regular HIVDR monitoring and threshold surveys based on WHO methodology
- Annual reports



Ukraine

- National plan, Taskforce/working group in place
- TOR/guidelines for prevention of DR transmission published
- Monitoring early warning indicators thru patient monitoring database started
- Threshold surveys (2) done; data collection and sequences not yet quality assured (level of HIVDR reported as < 5%), 4 more planned
- HIVDR prevention surveys planned at 2 sentinel ART sites
- Reference laboratory designated for assessment for accreditation
- Annual reports



Capacity Building

- Surveillance Knowledge Hub, Zagreb:
HIVDR training module (WHO, University
College London)
17-23 Nov'08
 - Standardized approach
 - National concept
 - “Surveillance of care” as new challenge
 - Link to reporting systems
 - Separate laboratory module



Sources



The screenshot shows the WHO/EURO website interface. At the top, there is a navigation menu with links: Home, About us, Training courses, How to Apply, Technical Assistance, Research Activities, Documents, Useful Links, and Contact Us. Below the menu is a world map with a red box indicating countries participating in a training program. The main content area is divided into two columns. The left column is titled 'Sexually transmitted infections/HIV/AIDS' and contains a sidebar with links: Home, HIV/AIDS, Sexually transmitted infections, Hepatitis, Partnerships, Country information, Publications, Related sites, and Contact us. Below the sidebar is a red ribbon icon. The main text in this column discusses HIV Drug Resistance (HIVDR) and lists principles and program elements. The right column is titled 'Welcome to WHO Collaborative Centre for Capacity Building in HIV Surveillance' and provides information about the centre's mission, location, and work. At the bottom right, there is a section for 'Upcoming courses' with two listed courses and 'Register now!' buttons.

Sexually transmitted infections/HIV/AIDS

Home

► HIV/AIDS

Sexually transmitted infections

Hepatitis

Partnerships

Country information

Publications

Related sites

Contact us



HIV Drug Resistance

WHO/EURO's public health principles to minimize emergence of HIV Drug Resistance (HIVDR) are:

- appropriate antiretroviral therapy (ART) access, prescribing and fostering adherence;
- supporting prevention of HIV transmission; and
- appropriate action based on surveillance and monitoring results.

Program elements to implement these principles include:

- use of standard highly active ART regimens (selected for the area needs);
- quality assurance for ARVs;
- adequate and continuous drug supplies;
- standardized individual treatment records;
- support for and monitoring of adherence;
- removal of barriers to continuous access to care;
- prevention programs to reduce HIV transmission from persons in
- HIV drug resistance (HIVDR) laboratory-based surveillance to assess transmitted drug resistance in newly infected individuals; and
- institutionalized monitoring of key measures which may be affected programmatically to minimize the emergence of HIVDR.

A national HIVDR prevention and assessment strategy includes:

- a national HIVDR Working Group;
- a plan for the detection of 'early warning' signs;
- surveys to monitor HIVDR prevention and associated factors;
- surveillance of transmitted HIVDR in recently infected individuals;
- designation of one or more genotyping laboratories for surveillance and monitoring;
- a national HIVDR database; and
- annual reports and recommendations.

Welcome to WHO Collaborative Centre for Capacity Building in HIV Surveillance

The WHO Collaborating Centre for Capacity Building in HIV/AIDS Surveillance is a unique centre which brings together an interdisciplinary group of scientists and policy makers across the University of Zagreb and institutions of excellence in HIV surveillance from all over the world. The Centre mission is to contribute to increasing capacities in the implementation of effective, sustainable and context-specific HIV surveillance and monitoring and evaluation systems which enable evidence-based development of HIV prevention, care and treatment.

The Centre is based at the Andrija Štampar School of Public Health, Medical School, University of Zagreb.

Sharing knowledge and building research capacities are the key components of Centre's work. Since the Centre establishment in 2003, more than 600 professionals from 54 countries in Europe, North and Central Africa and the Middle East have been trained in HIV surveillance and monitoring and evaluation.

The Centre is committed to helping countries to develop strategic information to guide a more effective HIV/AIDS response by providing innovative training programmes and technical assistance, as well as developing partnerships and collaborative networks that bring together a wide range of expertise in the field.

Countries participating in the training program.

Upcoming courses

03/11 - 07/11/2008, Zagreb
Biological and behavioural surveillance survey in hard to reach populations using respondent-driven sampling

17/11 - 21/11/2008, Zagreb, in collaboration with WHO Headquarters
HIV Drug Resistance Prevention and Assessment

13/01 - 17/01/2009, Zagreb
HIV Surveillance among Migrant Workers

[Other courses →](#)

Register now!

You can register for our upcoming courses now via our on-line application form

[Register now → here](#)

WHO/EURO www.euro.who.int/aids

CISID <http://data.euro.who.int/cisid/>