



HIV/AIDS infection in Romania

30 June 2016

The data is collected from the HIV/AIDS confirmation charts, sent by the nine *Regional Centers for Evaluation and Monitoring of HIV/AIDS Data* and further processed by *Compartment for Monitoring and Evaluation of HIV/AIDS data in Romania*, in *National Institute for Infectious Diseases “Prof. Dr. Matei Bals”*

Coordination of counties by the Regional HIV/AIDS Monitoring and Evaluation Centers in Romania

| | |
|---|-----------|
| INBI "PROF.DR. MATEI BALȘ" Regional Centre | BUCHAREST |
| | ARGEȘ |
| | BUZĂU |
| | DAMBOVIȚA |
| | GALAȚI |
| | IALOMIȚA |
| | PRAHOVA |
| | ILFOV |
| | VÂLCEA |
| VRANCEA | |

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|----------------------------|-----------|
| CRAIOVA Regional Centre | DOLJ |
| | GORJ |
| | MEHEDINȚI |
| | OLT |

| | |
|------------------------------|-----------|
| CONSTANȚA Regional Centre | CONSTANȚA |
| | TULCEA |

| | |
|--|-----------------------|
| V. BABEȘ BUCUREȘTI Regional Centre | BRĂILA |
| | CĂLĂRAȘI |
| | GIURGIU |
| | TELEORMAN |
| | V.BABEȘ- BUCUREȘTI |

| | |
|-------------------------|----------|
| IAȘI Regional Centre | BACĂU |
| | BOTOȘANI |
| | IAȘI |
| | NEAMȚ |
| | SUCEAVA |
| | VASLUI |

| | |
|---------------------------|----------|
| BRAȘOV Regional Centre | BRAȘOV |
| | COVASNA |
| | HARGHITA |

| | |
|--------------------------------|-----------------|
| TÂRGU MUREȘ Regional Centre | ALBA |
| | BISTRIȚA NĂSĂUD |
| | MUREȘ |
| | SIBIU |

| | |
|-------------------------|-----------|
| CLUJ Regional Centre | BIHOR |
| | CLUJ |
| | MARAMUREȘ |
| | SATU MARE |
| | SĂLAJ |

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| TIMIȘOARA Regional Centre | ARAD |
| | CARAȘ SEVERIN |
| | HUNEDOARA |
| | TIMIȘ |

UNAIDS objectives



Fast-Track Targets

by 2020

90-90-90

Treatment

500 000

New infections among adults

ZERO

Discrimination

by 2030

95-95-95

Treatment

200 000

New infections among adults

ZERO

Discrimination

Source:

http://www.unaids.org/sites/default/files/media_asset/JC2686_WAD2014report_en.pdf

Ministry of Health, Romania
National Institute for Infectious Diseases “PROF.DR.MATEI BALȘ”
Compartment for Monitoring and Evaluation of HIV/AIDS Data in Romania
General data at 30 June 2016

| | |
|---|---------------|
| TOTAL HIV/AIDS (CUMULATIVE 1985-2016) OF WHICH: | 21.702 |
| <i>Total AIDS (Cumulative 1985-2016)</i> | 14.835 |
| <i>Total HIV (Cumulative 1992-2016)</i> | 6.867 |
| <i>Total no. of AIDS deaths (1985-2016)</i> | 684 |
| <i>Out of records HIV/AIDS children + adults</i> | 6.940 |
| NUMBER OF PATIENTS LIVING WITH HIV/AIDS OF WHICH: | 14.078 |
| <i>0-14 YEARS</i> | 197 |
| <i>15-19 YEARS</i> | 188 |
| <i>≥ 20 YEARS</i> | 13.693 |
| New HIV/AIDS cases diagnosed in 2016 | 296 |
| <i>New HIV cases</i> | 166 |
| <i>New AIDS cases</i> | 130 |
| HIV/AIDS related deaths, confirmed by medical charts in 2016 | 72 |

New HIV/AIDS cases

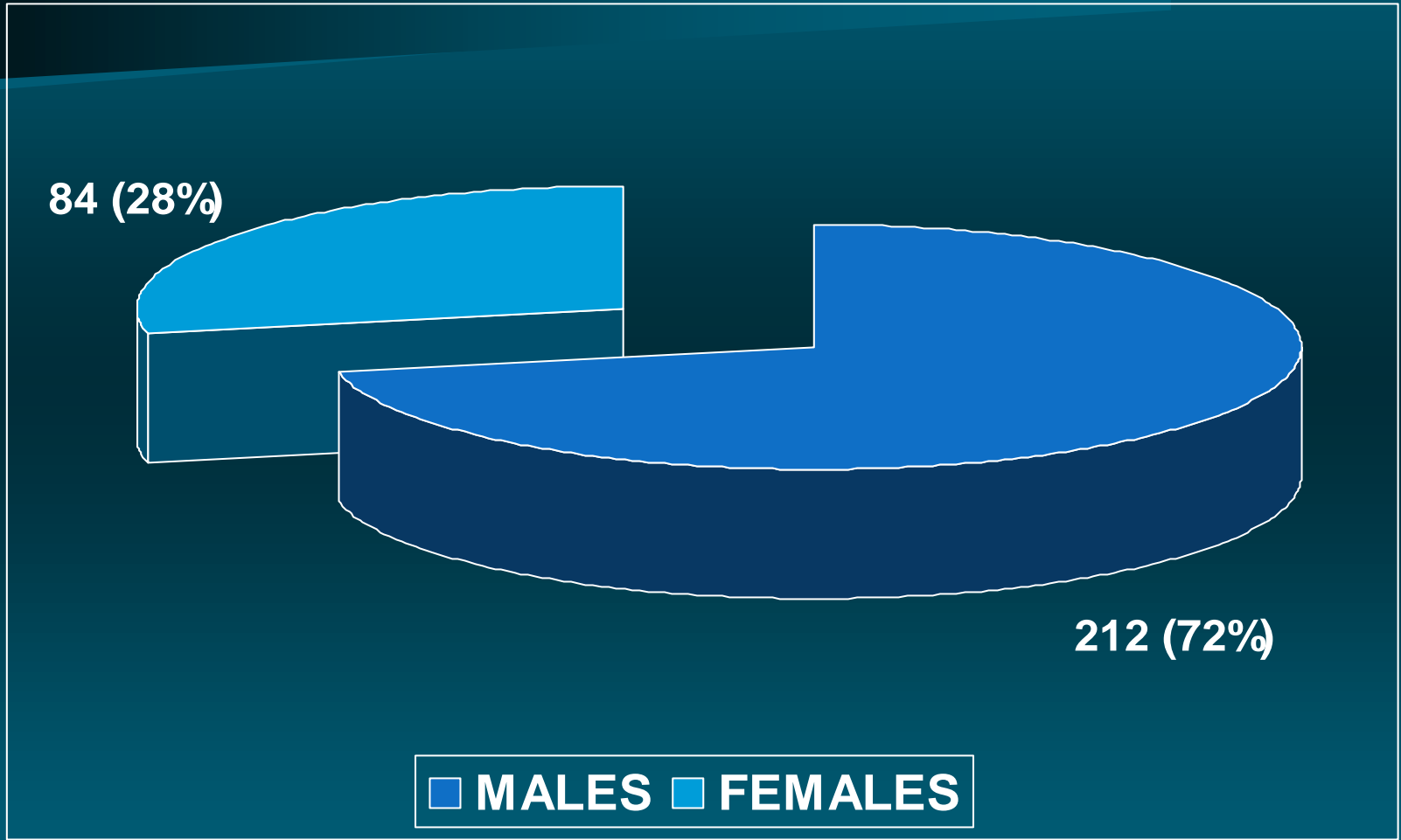
1 January-30 June 2016

Distribution, by counties of new HIV/AIDS cases detected between 01.01 – 30.06.2016



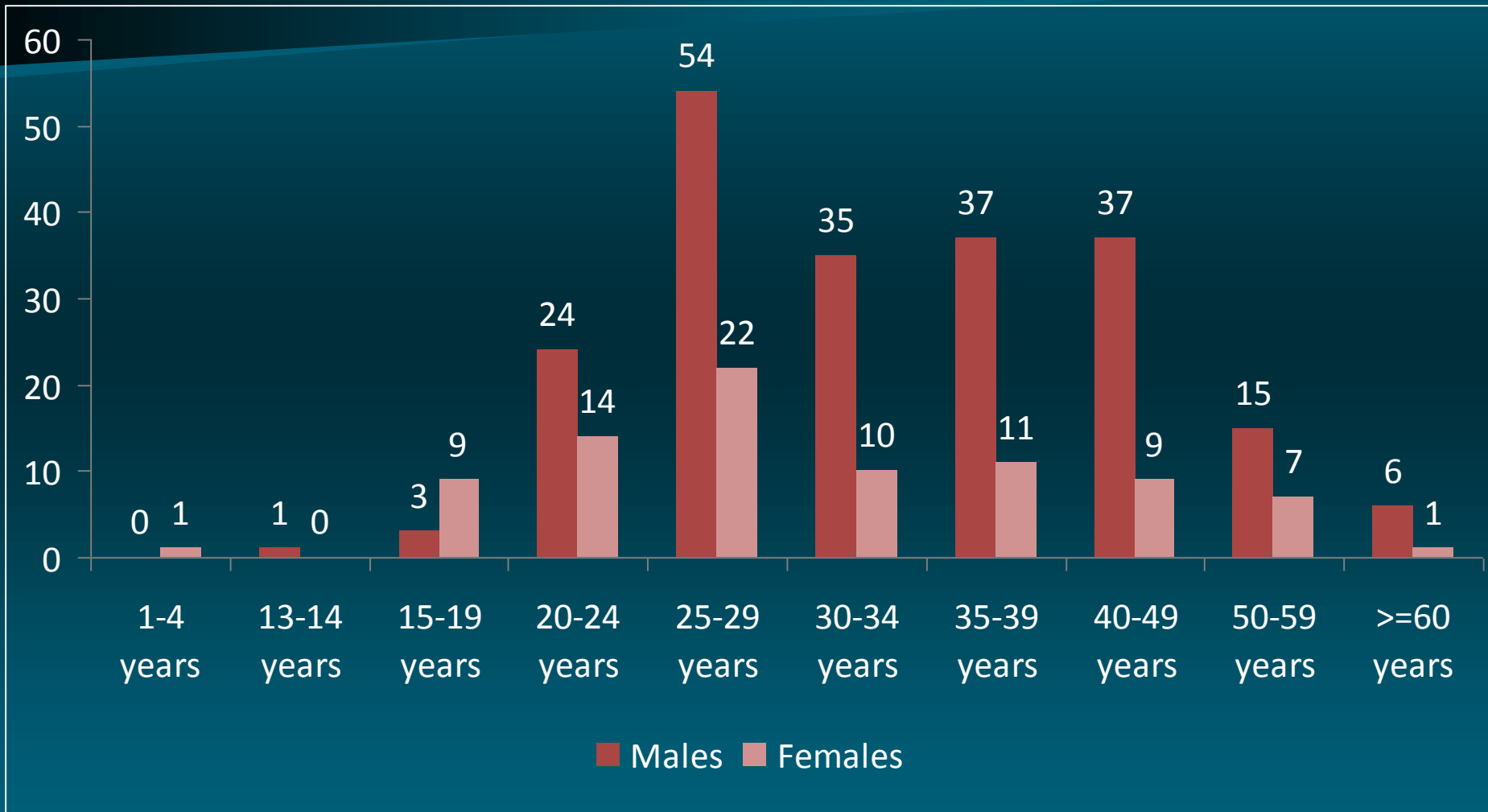


Distribution, by gender, of new HIV/AIDS cases detected between 01.01 – 30.06.2016



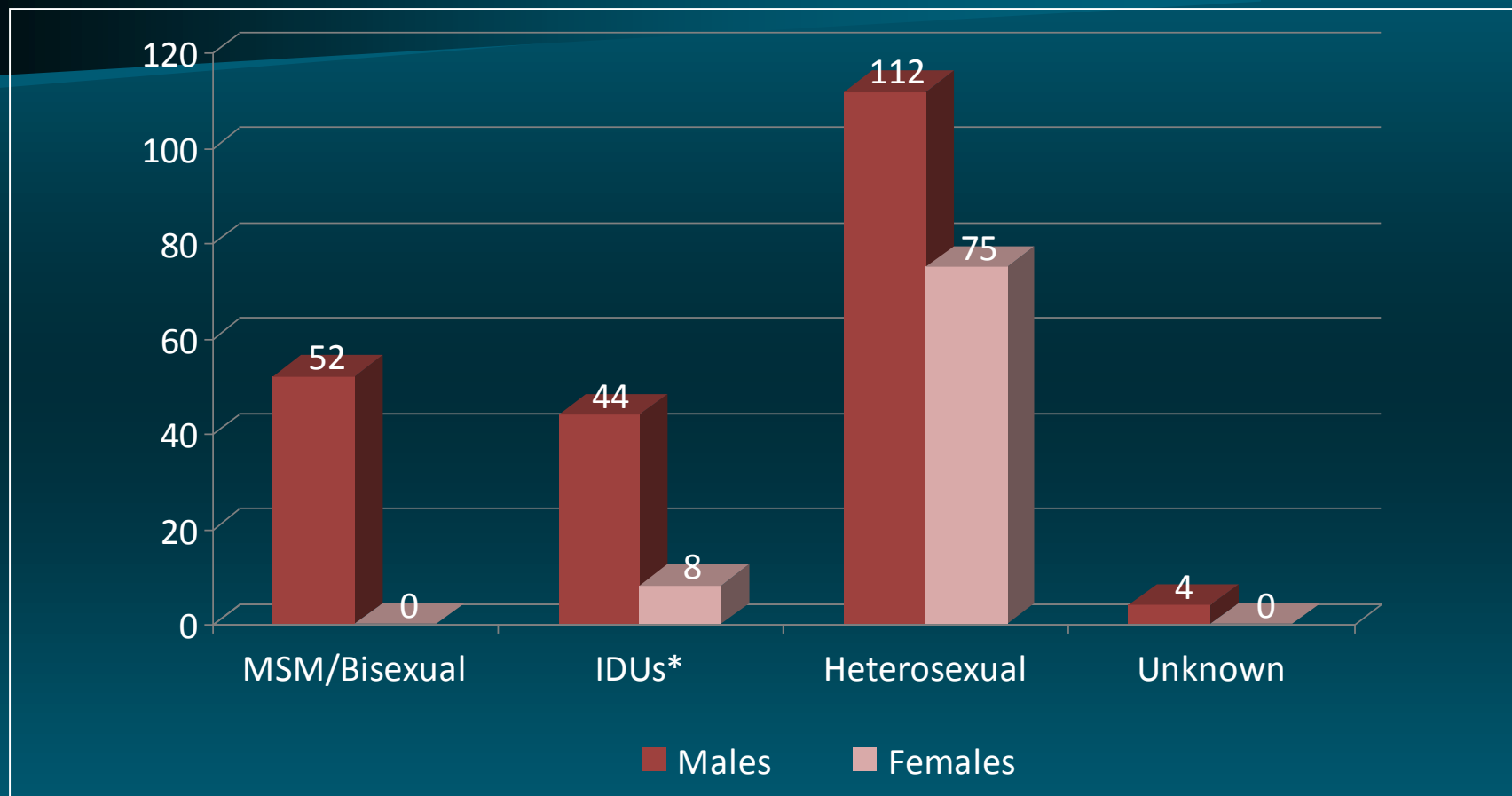


Distribution, by age and gender, of new HIV/AIDS cases, detected during 01.01-30.06.2016





Distribution, by way of transmission, of new HIV/AIDS cases in children and adults, detected between 01.01-30.06.2016

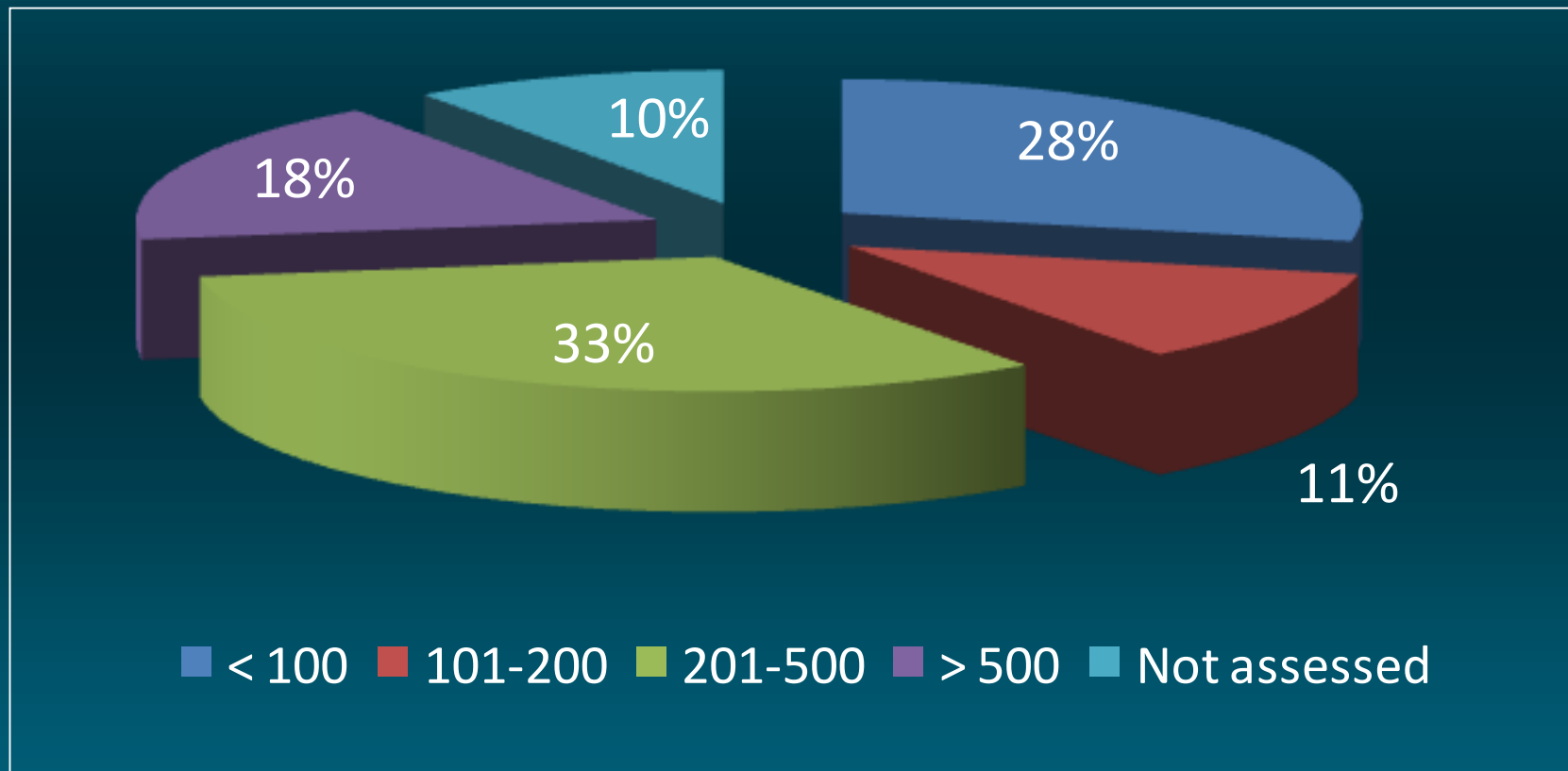


*At 30.06.2016 we registered 53 HIV/IDU cases- 52 reported as injecting drug use as way of transmission, while 1 reported MSM (men sex with men)/bisexual contact.



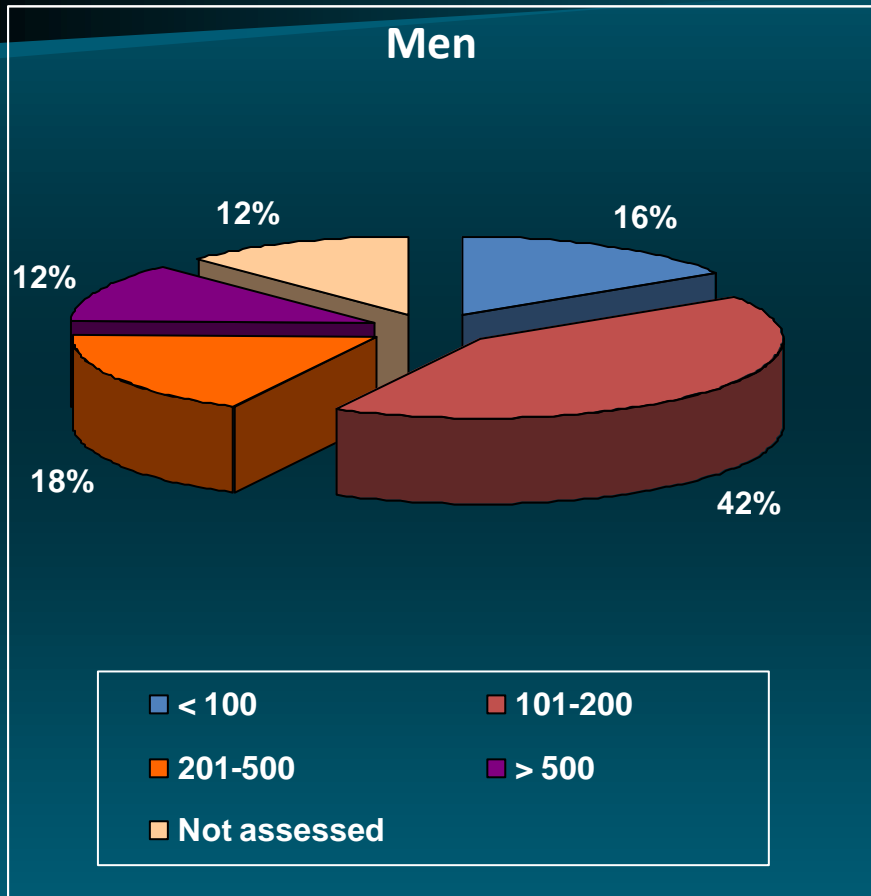
CD4 values in new HIV/AIDS cases detected during the first trimester of 2016

Total new cases: 296

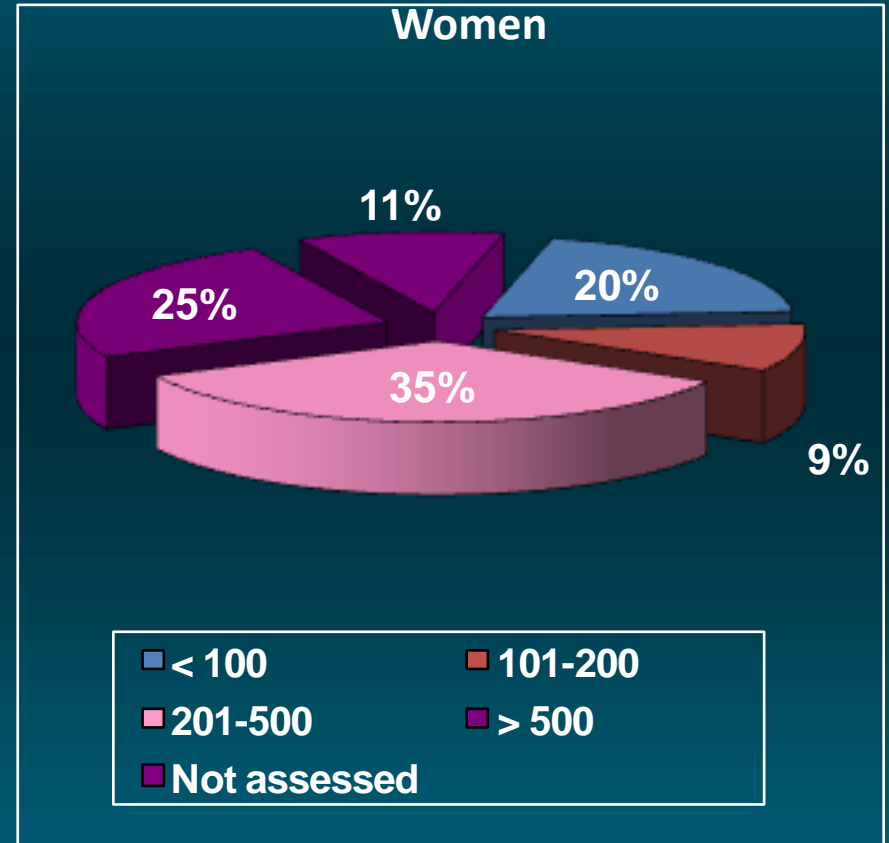




CD4 values in new HIV/AIDS cases in adults, detected during the first trimester of 2016



Total cases: 211

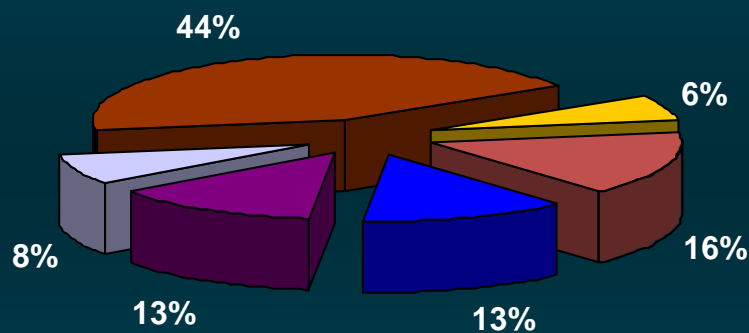


Total cases: 84

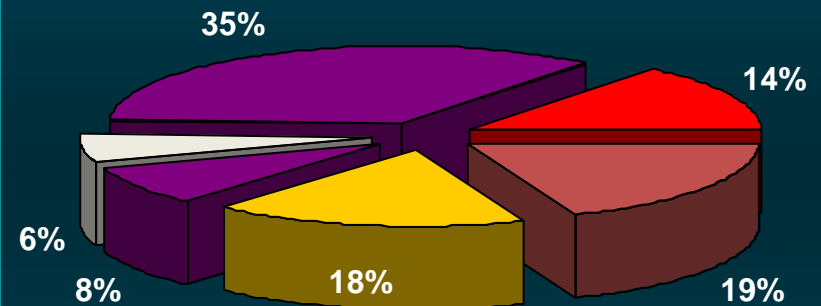


Viral load in new HIV/AIDS cases in adults, detected during the first trimester of 2016

Men



Women



New HIV-IDU cases (injecting drug users)

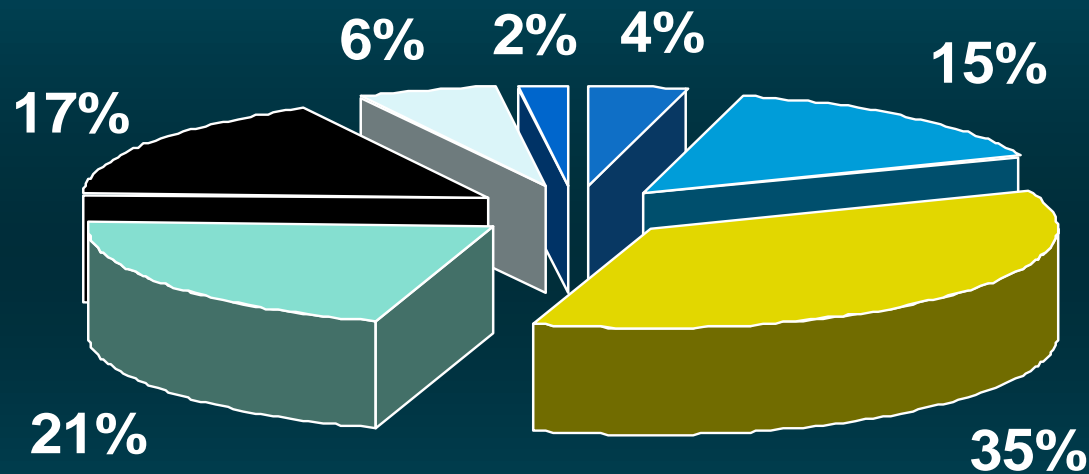
1 January- 30 June 2016

New cases of HIV/AIDS (January-June 2016) by injecting drug use Age groups distribution

| Age group | Men | Women | Total |
|------------------|------------|--------------|--------------|
| 15-19 years | 2 | | 2 |
| 20-24 years | 7 | 1 | 8 |
| 25-29 years | 13 | 6 | 19 |
| 30-34 years | 11 | | 11 |
| 35-39 years | 8 | 1 | 9 |
| 40-49 years | 3 | | 3 |
| ≥50 years | 1 | | 1 |
| Total | 45 | 8 | 53 |



New cases of HIV/AIDS (January-June 2016) by injecting drug use Age groups distribution



■ 15-19 years ■ 20-24 years ■ 25-29 years ■ 30-34 years
■ 35-39 years ■ 40-49 years ■ ≥50 years

New cases of HIV/AIDS (January-June 2016) by injecting drug use Counties distribution

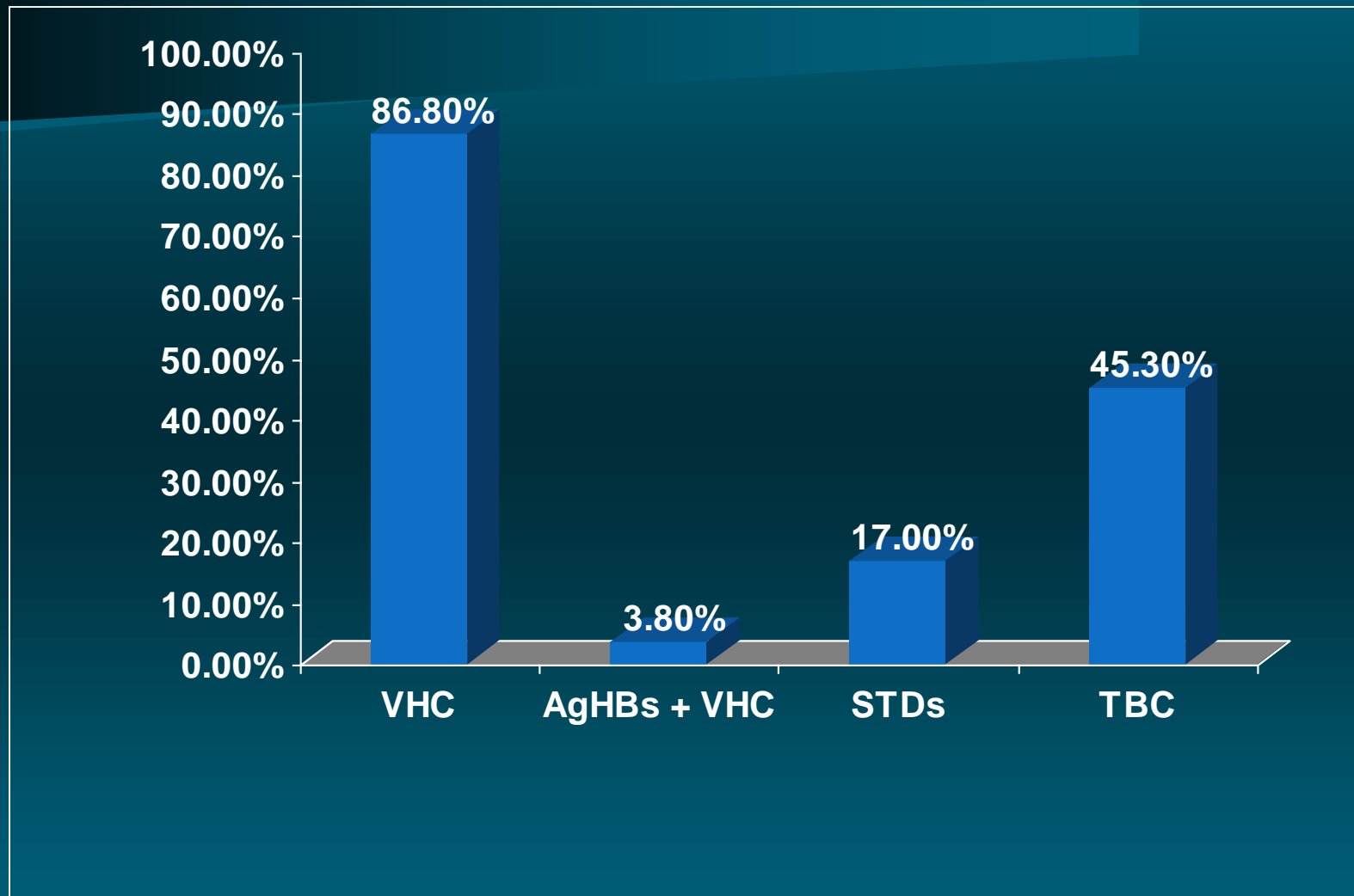
| County | Men | Women | Total |
|---------------|------------|--------------|--------------|
| Botoșani | 1 | | 1 |
| București | 32 | 7 | 39 |
| Călărași | 3 | | 3 |
| Dâmbovița | | 1 | 1 |
| Giurgiu | 1 | | 1 |
| Iași | 1 | | 1 |
| Ilfov | 4 | | 4 |
| Mureș | 1 | | 1 |
| Teleorman | 2 | | 2 |
| Total | 45 | 8 | 53 |

HIV/HBC, HCV, STDs and TB co-infections in IDUs

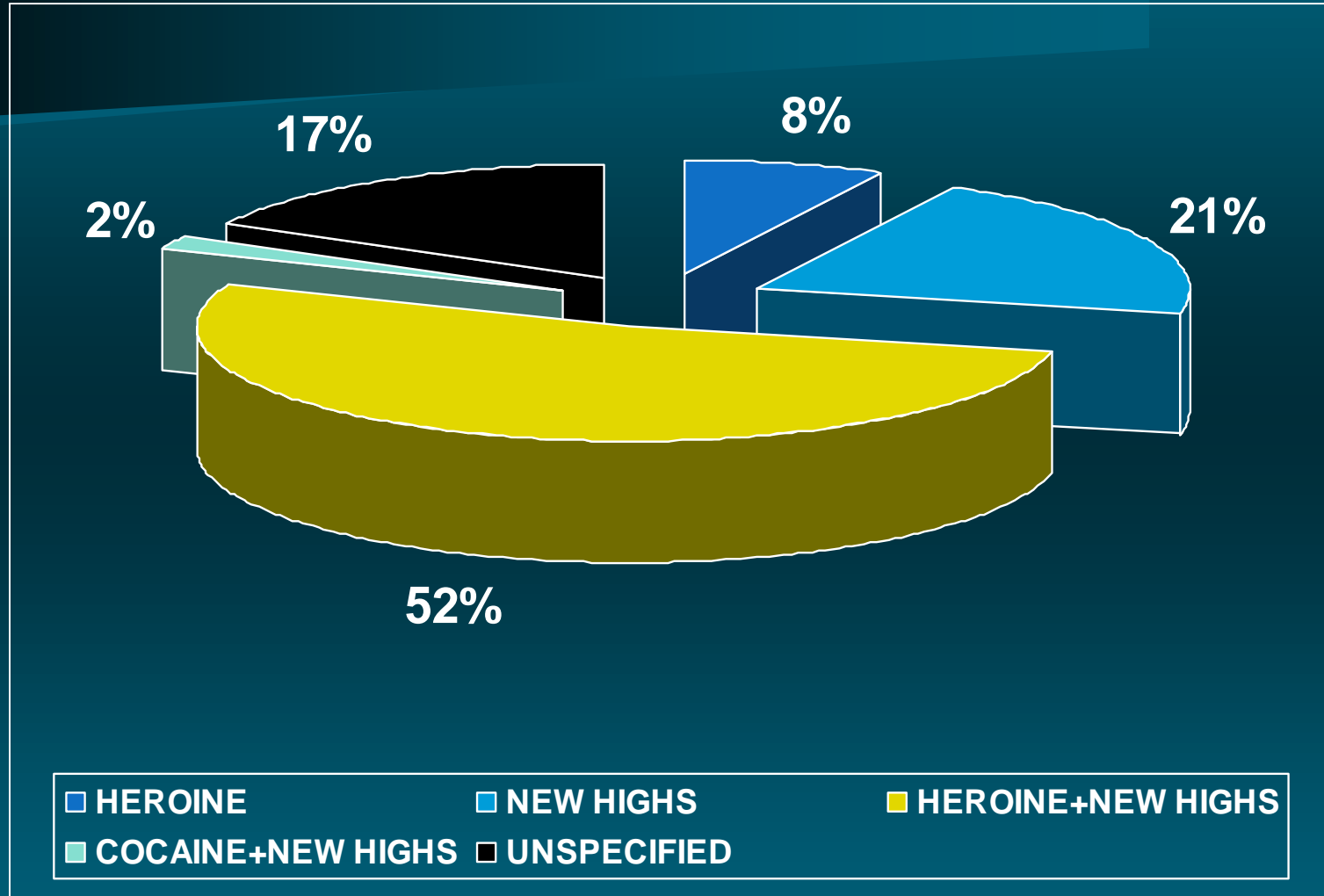
| Screened for | Number of patients with a positive test | % |
|--------------------------------------|---|-------|
| AgHBs | 0 | |
| VHC | 46/53 | 86,8% |
| AgHBs + VHC | 2/53 | 3,8% |
| STDs (sexually transmitted diseases) | 9/53 | 17% |
| TB co-infection | 24/53 | 45,3% |

HIV/HBV, HCV, STDs and TB co-infections in IDUs

Total patients: 81



Drugs used by HIV-IDU patients, diagnosed during the first 6 months of 2016



IDUs diagnosed HIV+ during the first 6 months of 2016, who underwent a previous HIV screening

| Year of previous screening | No. patients |
|-----------------------------------|---------------------|
| 2015 | 2 |
| 2014 | 1 |
| 2013 | 1 |
| 2012 | 2 |
| 2009 | 1 |
| Total | 7 |

**New HIV/AIDS cases registered in the National HIV/AIDS Data Base during 2009-2016 vs.
New HIV/AIDS cases in IDUs registered in the National Data Base during 2009-2016**

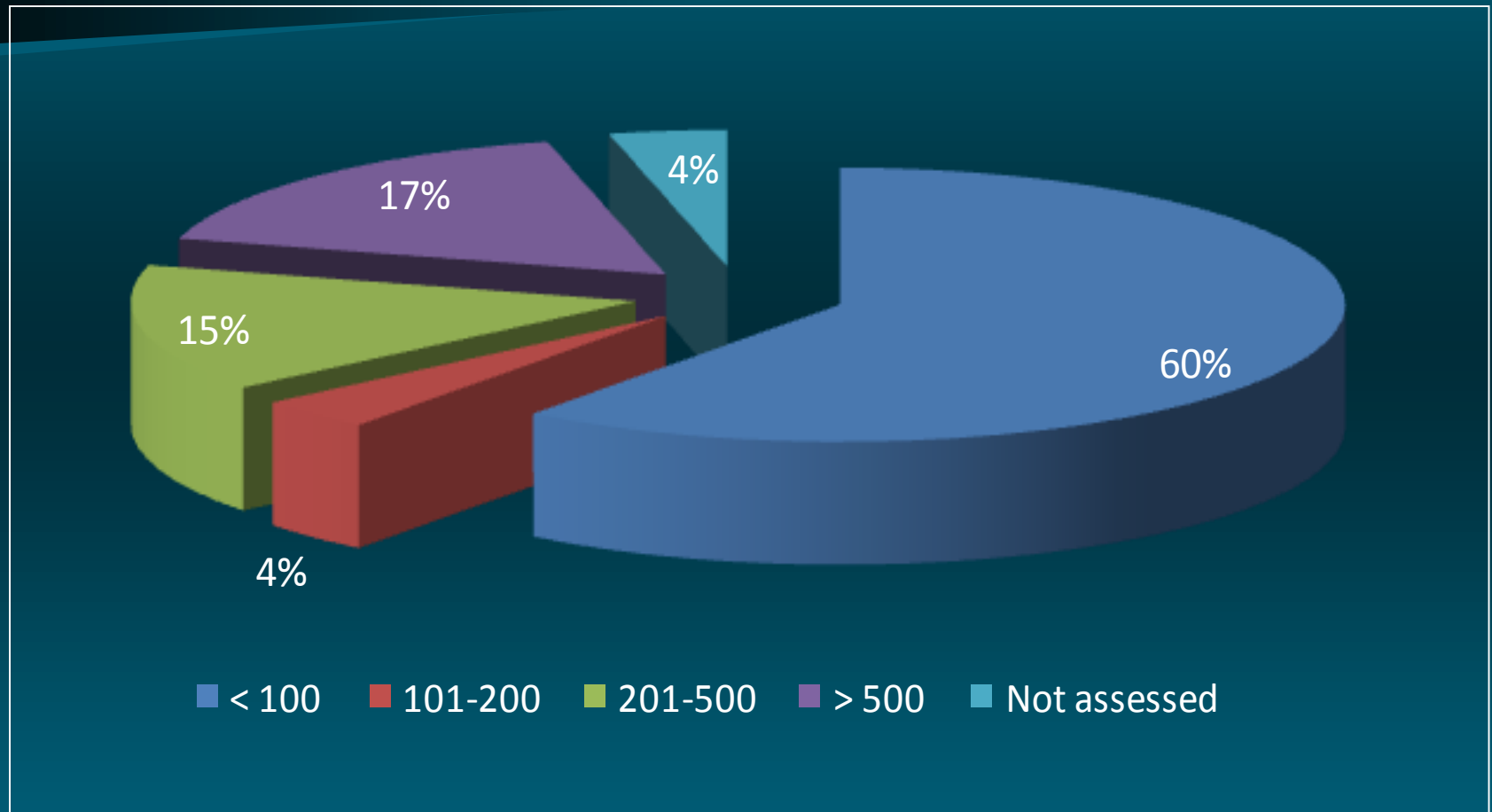
| Criterion | ANUL | | | | | | | | | | | | | |
|---------------------------------------|---------------|----------|---------------|-----------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|------------------|-----------|
| | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 01.01-30.06.2016 | |
| | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU |
| No. of HIV infections | 238 | 6 | 279 | 5 | 406 | 101 | 502 | 168 | 533 | 154 | 483 | 88 | 170 | 29 |
| No. of AIDS cases | 276 | 3 | 266 | 11 | 342 | 49 | 369 | 105 | 386 | 114 | 363 | 89 | 163 | 52 |
| Total number of HIV/AIDS cases | 514 | 9 | 545 | 16 | 748 | 150 | 871 | 273 | 919 | 268 | 846 | 177 | 333 | 81 |

**New HIV/AIDS cases registered in the National HIV/AIDS Data Base during 2009-2016 vs.
New HIV/AIDS cases in IDUs registered in the National Data Base during 2009-2016**

| Criterion | ANUL | | | | | | | | | | | | | | | |
|---|------------------|-----------|------------------|-----------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|-----------------------|-----------|
| | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 01.01.- 30.06.2016 | |
| | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU | TOTAL of wich | IDU |
| No. of HIV infections | 257 | 6 | 293 | 5 | 413 | 98 | 503 | 165 | 543 | 159 | 496 | 88 | 410 | 57 | 166 | 16 |
| No. of AIDS cases | 295 | 6 | 277 | 12 | 366 | 59 | 391 | 113 | 412 | 133 | 393 | 99 | 386 | 104 | 130 | 37 |
| Total number of HIV/AIDS cases | 552 | 12 | 570 | 17 | 779 | 157 | 894 | 278 | 955 | 292 | 889 | 187 | 796 | 161 | 296 | 53 |



CD4 count in IDUs diagnosed with HIV/AIDS during the first 6 months of 2016

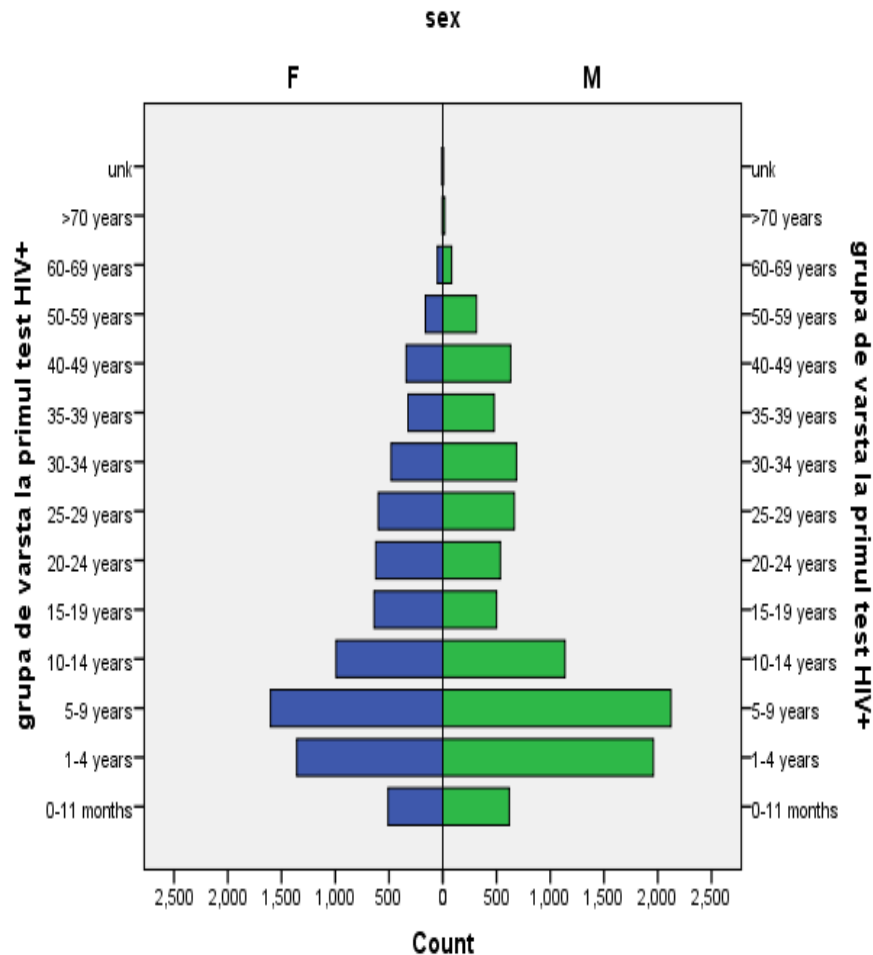


Evolution of HIV/AIDS infection in Romania

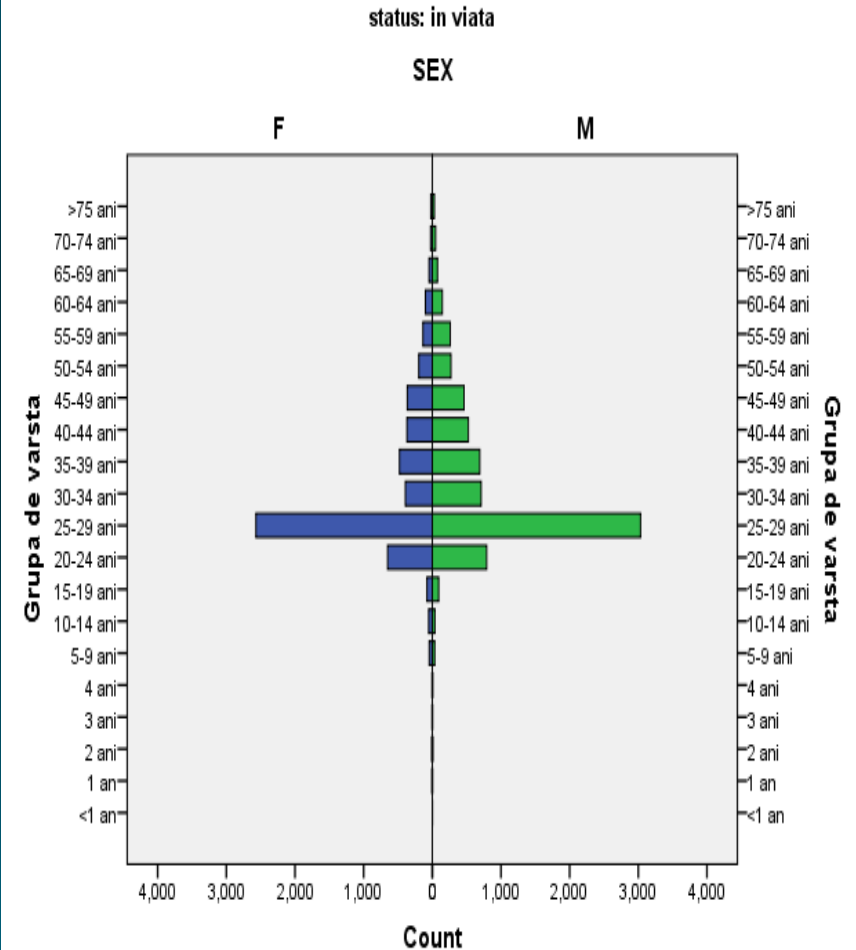
1985-2016

Age distribution – 31 December 2015

Age at time of diagnosis/notification
Cumulative total 1985-2015



Age distribution of living patients



Distribution of HIV/AIDS living patients, by age groups, current age and gender at 30 June 2016 (cumulative total 1985-2016)

| Age group | Gender | | TOTAL |
|--------------|-------------|-------------|--------------|
| | Male | Female | |
| < 1 year | 1 | 2 | 3 |
| 1-4 years | 31 | 23 | 54 |
| 5-9 years | 35 | 39 | 74 |
| 10-12 years | 21 | 25 | 46 |
| 13-14 years | 6 | 14 | 20 |
| 15-19 years | 94 | 94 | 188 |
| 20-24 years | 359 | 256 | 615 |
| 25-29 years | 3532 | 2971 | 6503 |
| 30-34 years | 907 | 436 | 1343 |
| 35-39 years | 895 | 509 | 1404 |
| 40-49 years | 1265 | 868 | 2133 |
| 50-59 years | 602 | 388 | 990 |
| ≥60 | 437 | 268 | 705 |
| TOTAL | 8185 | 5893 | 14078 |

Tendencies in routes of transmission in Romania 2007-2016*

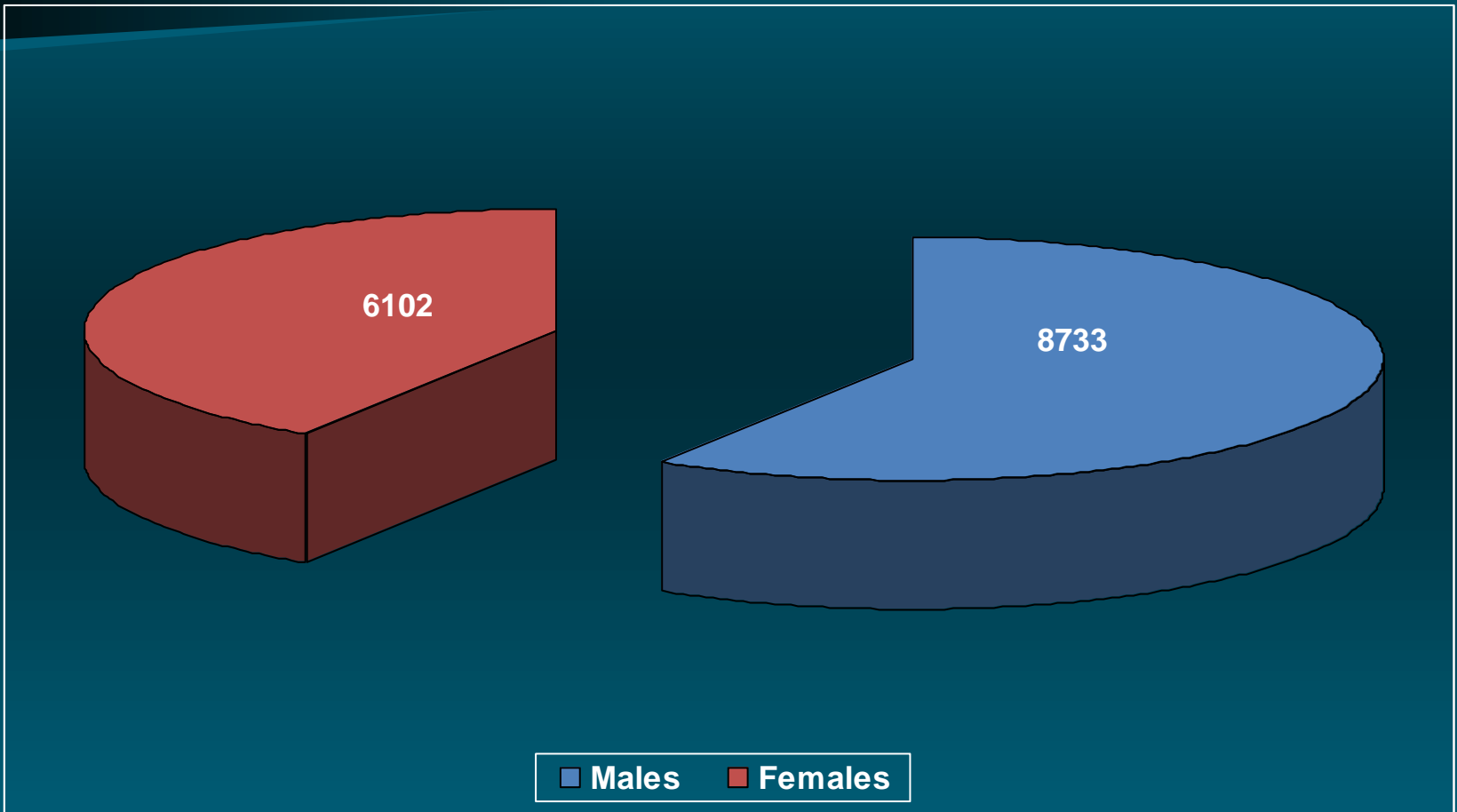
| Route of transmission | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|------------------------------------|------------|------------|-------------|------------|------------|------------|-------------|------------|-------------|-------------|
| Vertical** | 9 (2%) | 13 (2,3%) | 23 (4,2%) | 27 (5%) | 22 (3%) | 21 (2,4%) | 27 (3%) | 17 (2%) | 16 (2,3%) | 1 (0,3%) |
| MSM (men who have sex with men) | 19 (4%) | 43 (9%) | 51 (9,2%) | 65 (11%) | 103 (13%) | 98 (11%) | 99 (10,5%) | 135 (15%) | 112 (16%) | 51 (17,2%) |
| IDU (injecting drug users) | 6 (1%) | 4 (0,7%) | 11 (2%) | 16 (2,8%) | 147 (19%) | 270 (30%) | 276 (29%) | 175 (20%) | 140 (20%) | 52 (17,6%) |
| MSM/IDU | | | 1 (0,2%) | 1 (<,2%) | 7 (1%) | 7 (1%) | 9 (1%) | 9 (1%) | 9 (1,3%) | 1 (0,3%) |
| Heterosexual | 364 (78%) | 420 (76%) | 414 (75,4%) | 426 (75%) | 466 (60%) | 454 (51%) | 519 (54,8%) | 522 (60%) | 401 (57,4%) | 187 (63,2%) |
| Unknown | 69 (15%) | 71 (13%) | 49 (9%) | 33 (6%) | 29 (4%) | 41 (4,6%) | 16 (1,7%) | 20 (2%) | 20 (3%) | 4 (1,4%) |
| Total* | 467 | 551 | 549 | 568 | 774 | 891 | 946 | 878 | 698 | 296 |

*The update of delayed reporting data and the confirmation of cases is performed annually.

** 2016 New bourns perinatally exposed to HIV , whose status was declared “HIV infected” in 2016 and perinatally exposed to HIV during the previous years and confirmed HIV positive in 2016

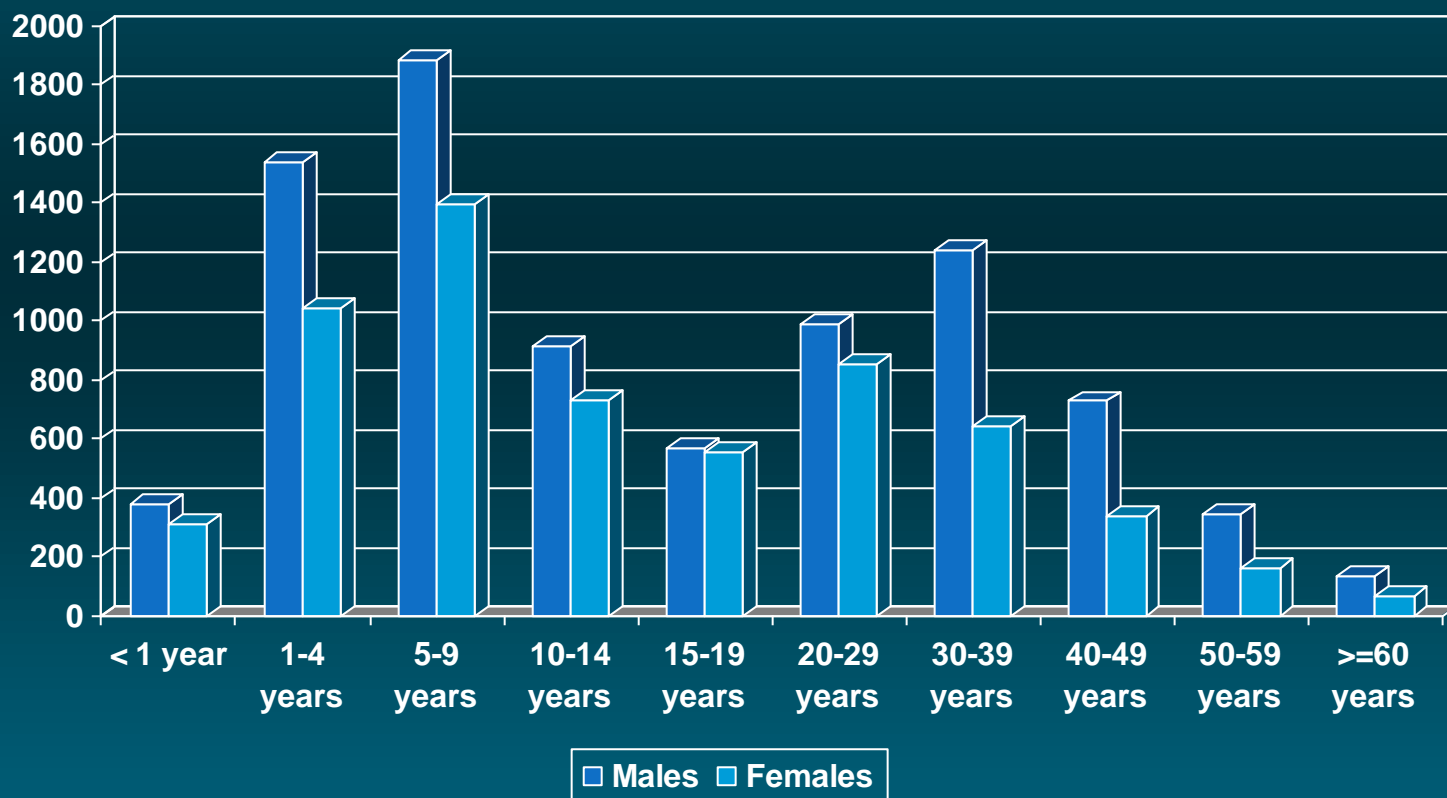


Gender distribution of AIDS cases at 30 June 2016 (Cumulative number 1985-2016)



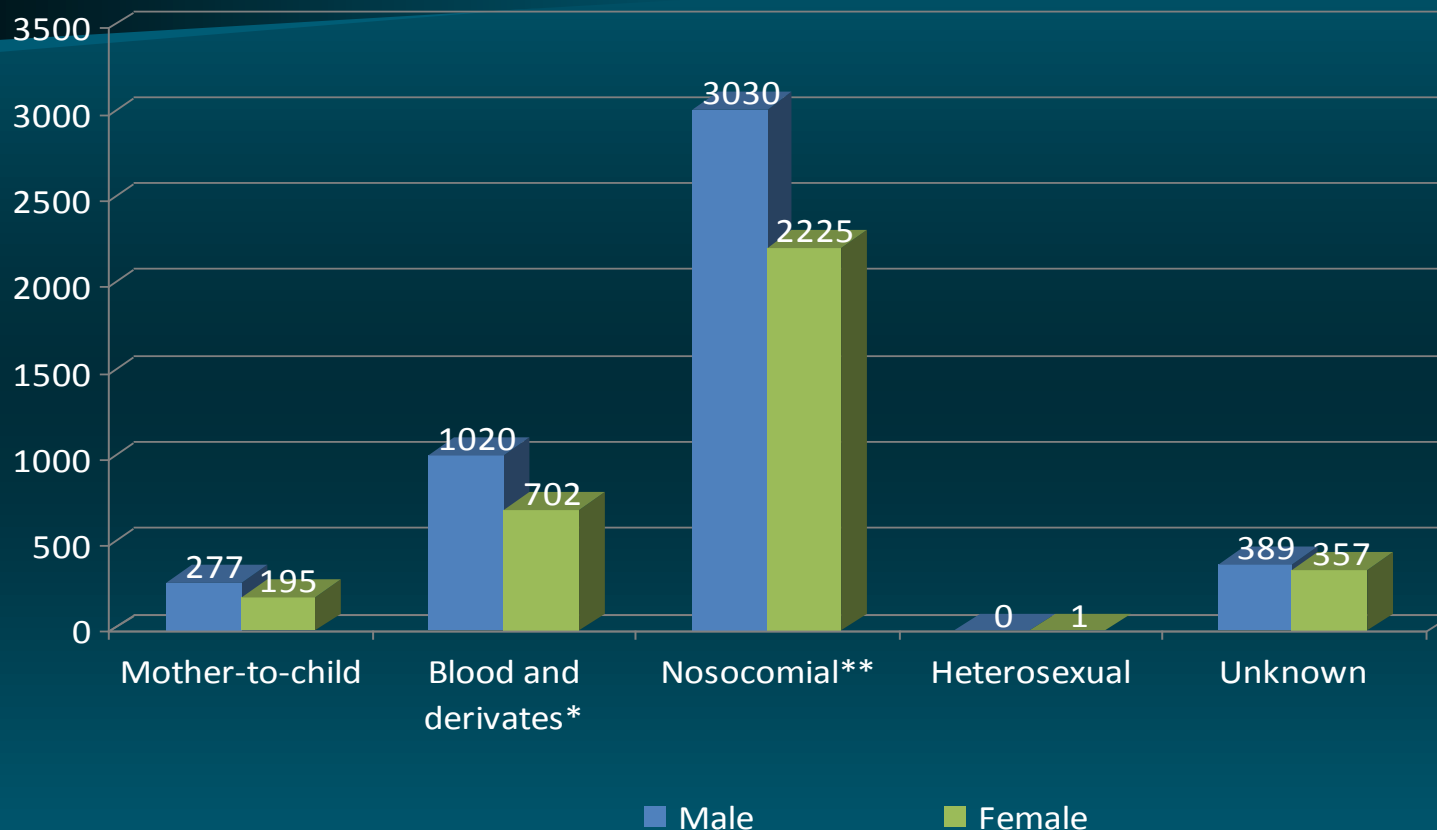


Age groups (at time of diagnosis) and gender distribution of AIDS cases at June 30 2016 (Cumulative total 1985-2016)





Probable route of transmission in children diagnosed with AIDS (0-14 years at time of diagnosis) at 30 June 2016 (cumulative total 1989-2016)

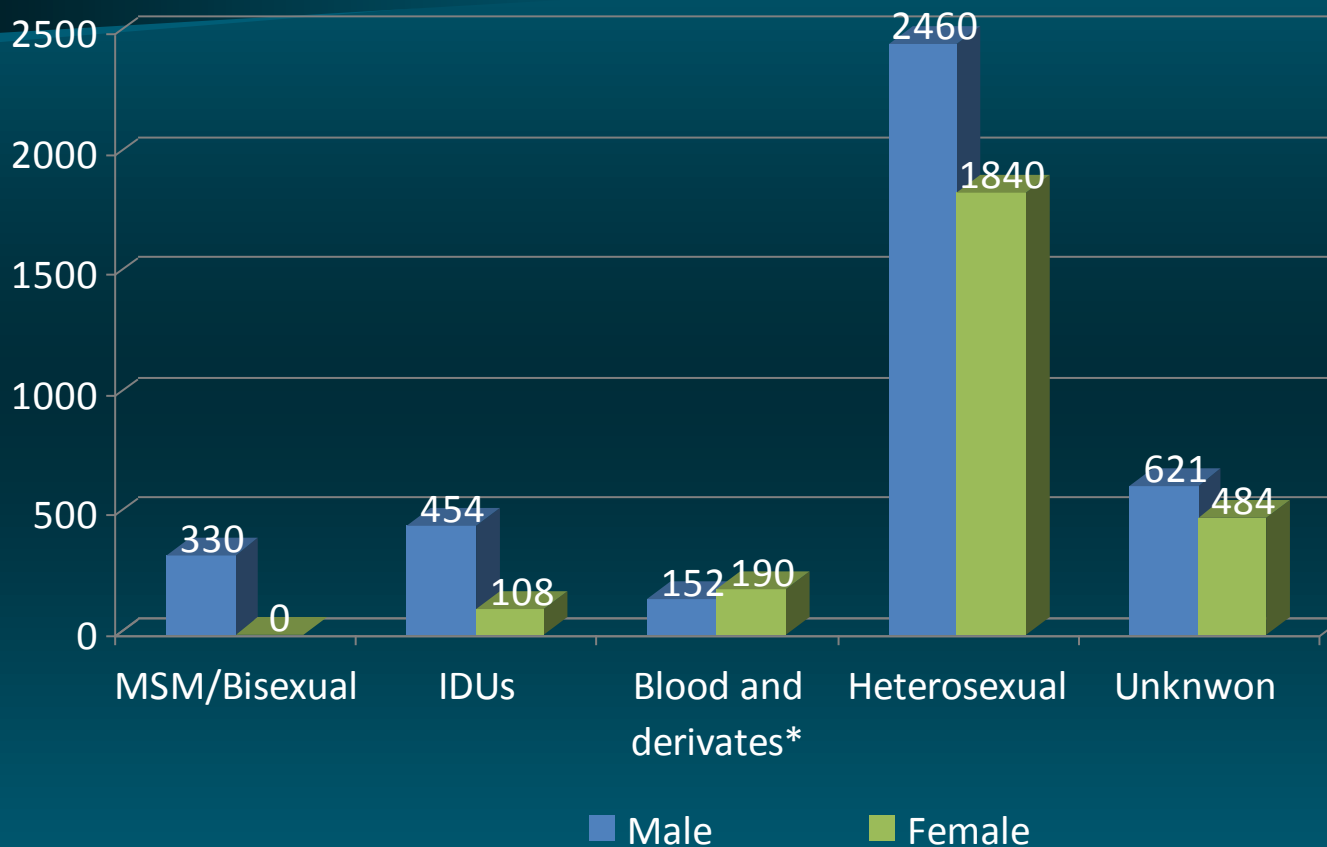


*Persons who received blood transfusions at the end of 1980s and in the early 1990s.

**Persons with multiple admissions and/or multiple parenteral treatments at the end of 1980s and in the early 1990s.



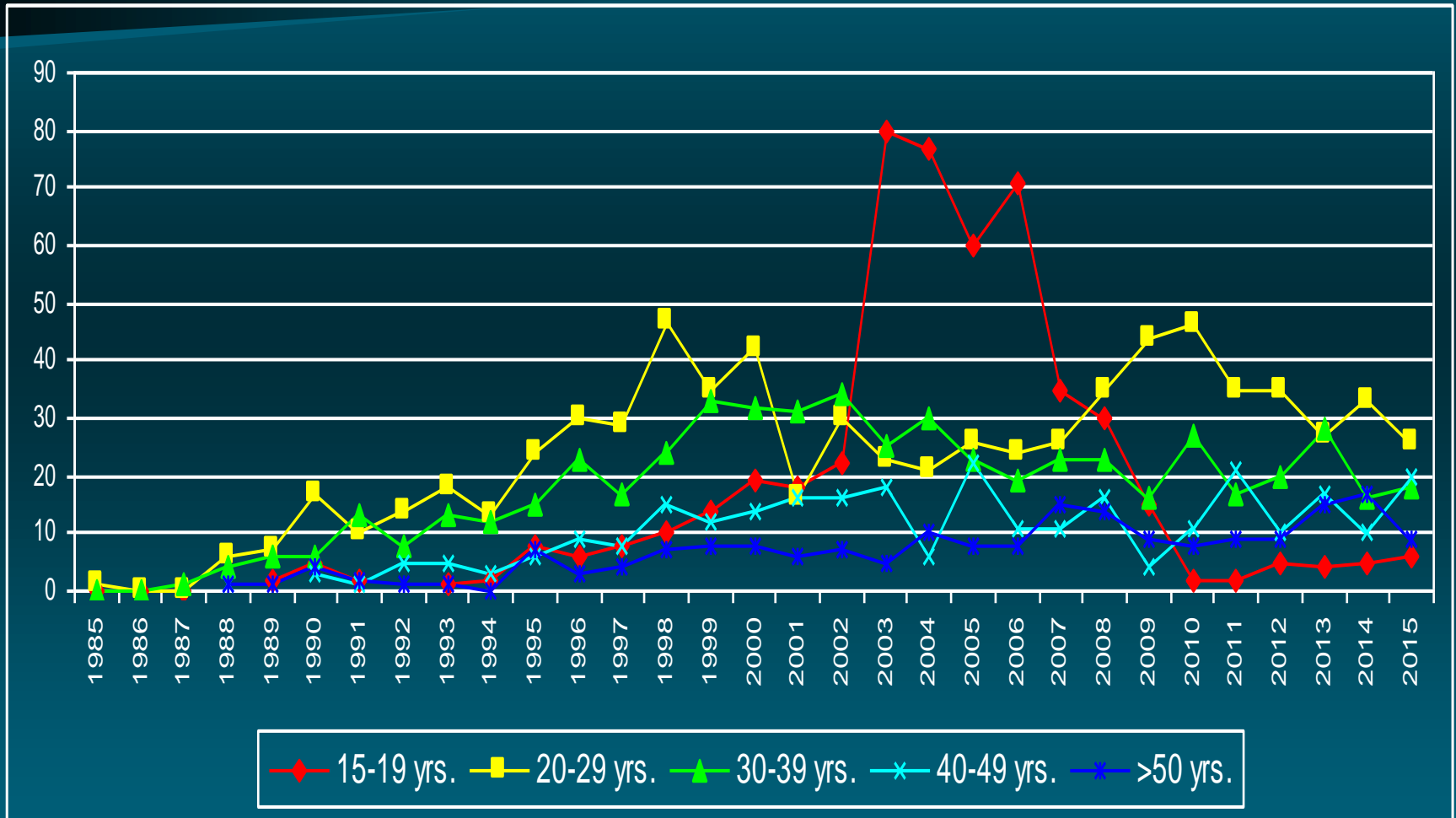
Probable route of transmission in teenagers and adults diagnosed with AIDS (>14 at time of diagnosis) at 30 June 2016 (cumulative total 1985-2016)



* Persons who received blood transfusions in the late 1980s and early 1990s



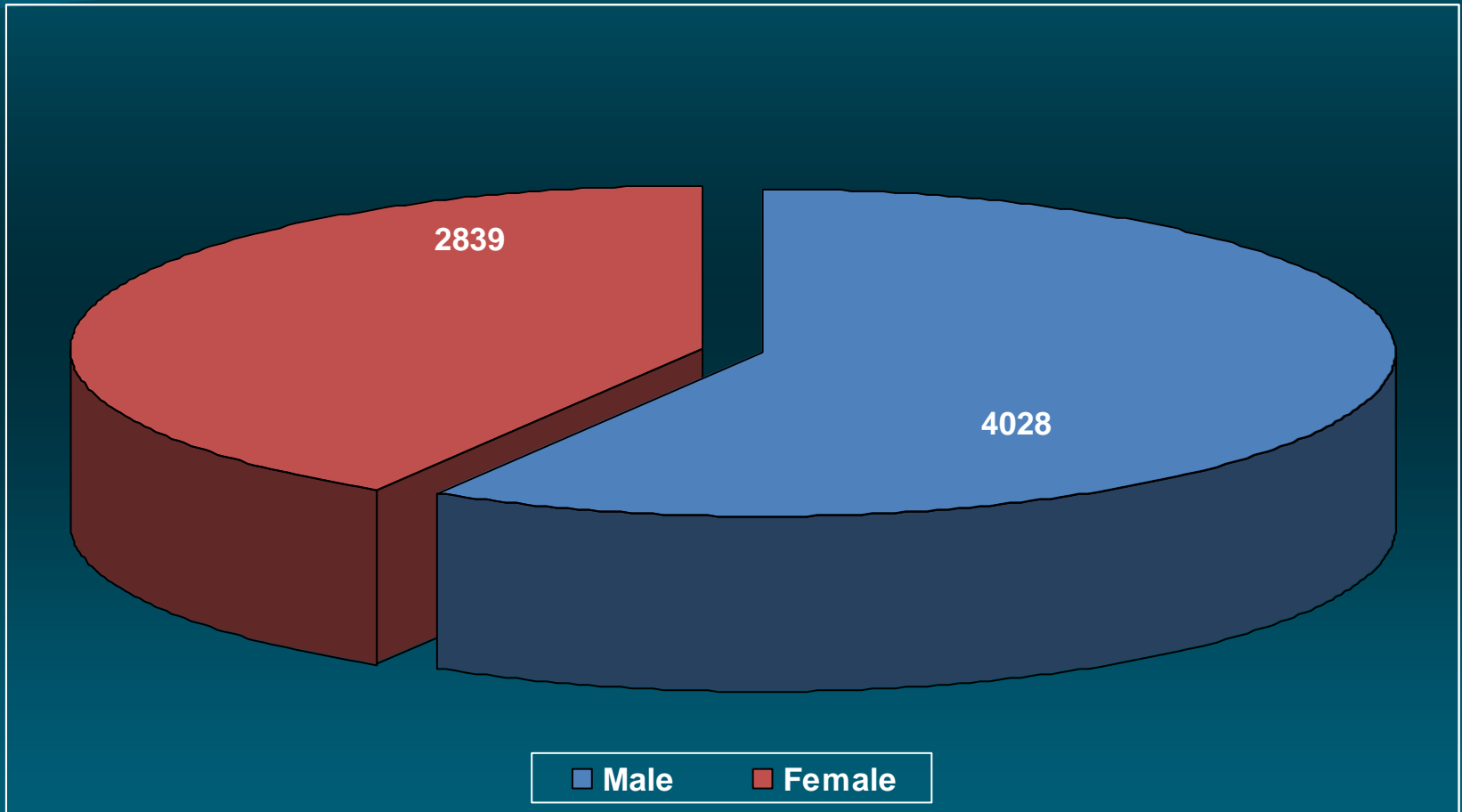
Distribution of AIDS cases in women, by age group and year of diagnosis, between 1985-2015



Source: Compartment for Monitoring and Evaluation of HIV/AIDS Infection in Romania INBI "Prof.Dr.M.Balș"

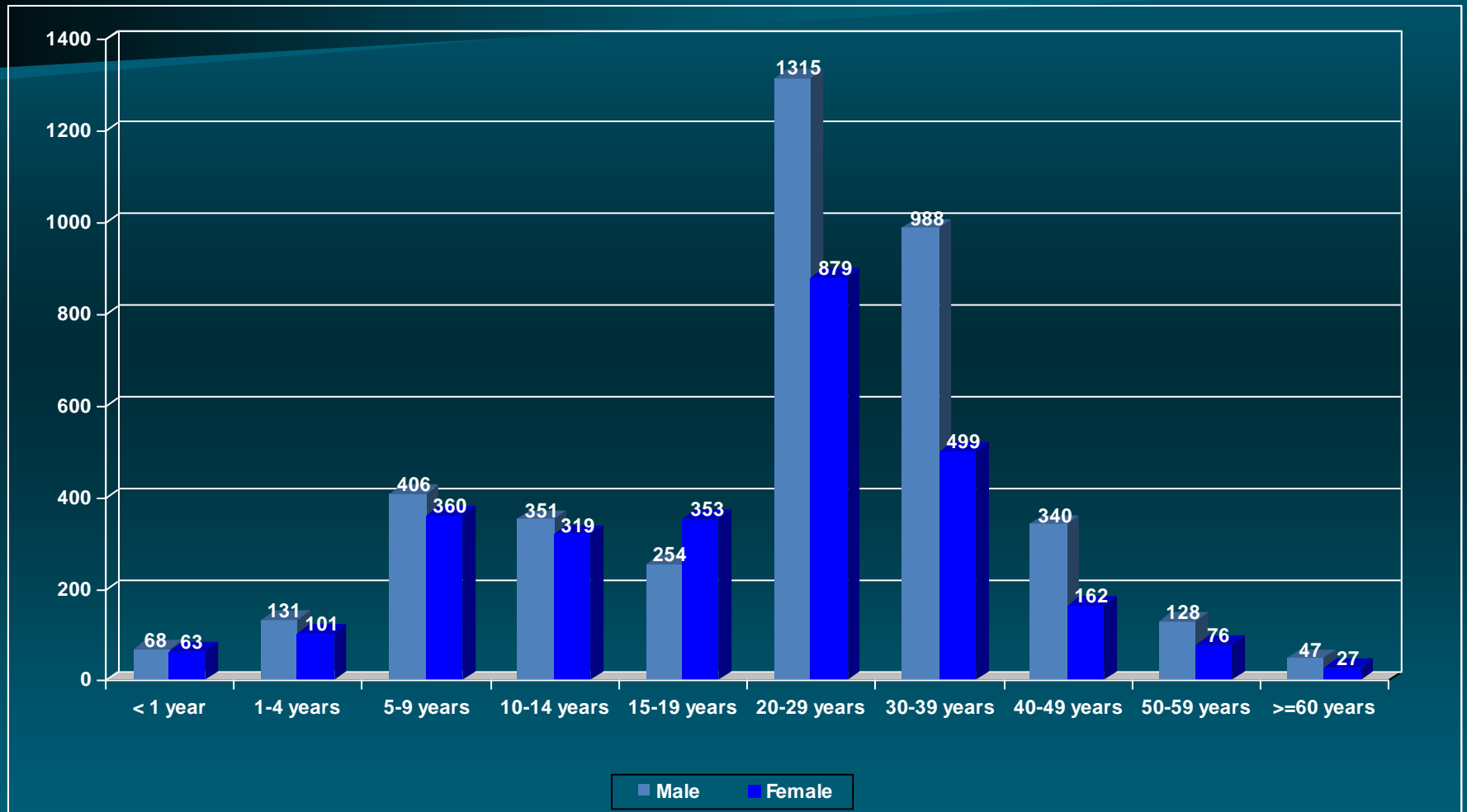


Gender distribution of HIV infection cases at June 30, 2016 (cumulative total 1992-2016)

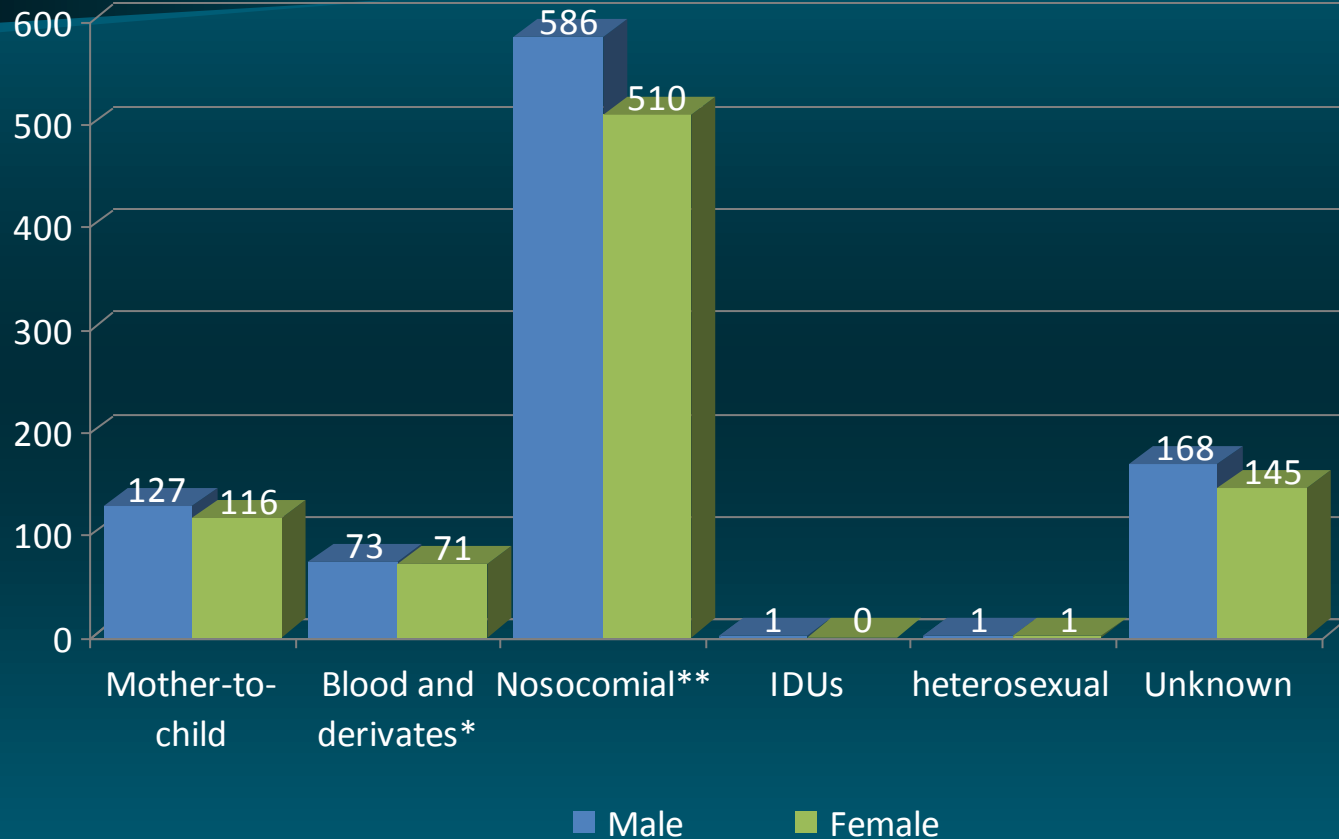




Age group (at time of diagnosis) and gender distribution of HIV infection cases at 30 June 2016 (cumulative total 1992-2016)



Probable route of transmission in children with HIV infection (0-14 years at time of diagnosis) at 30 June 2016 (cumulative total 1992-2016)

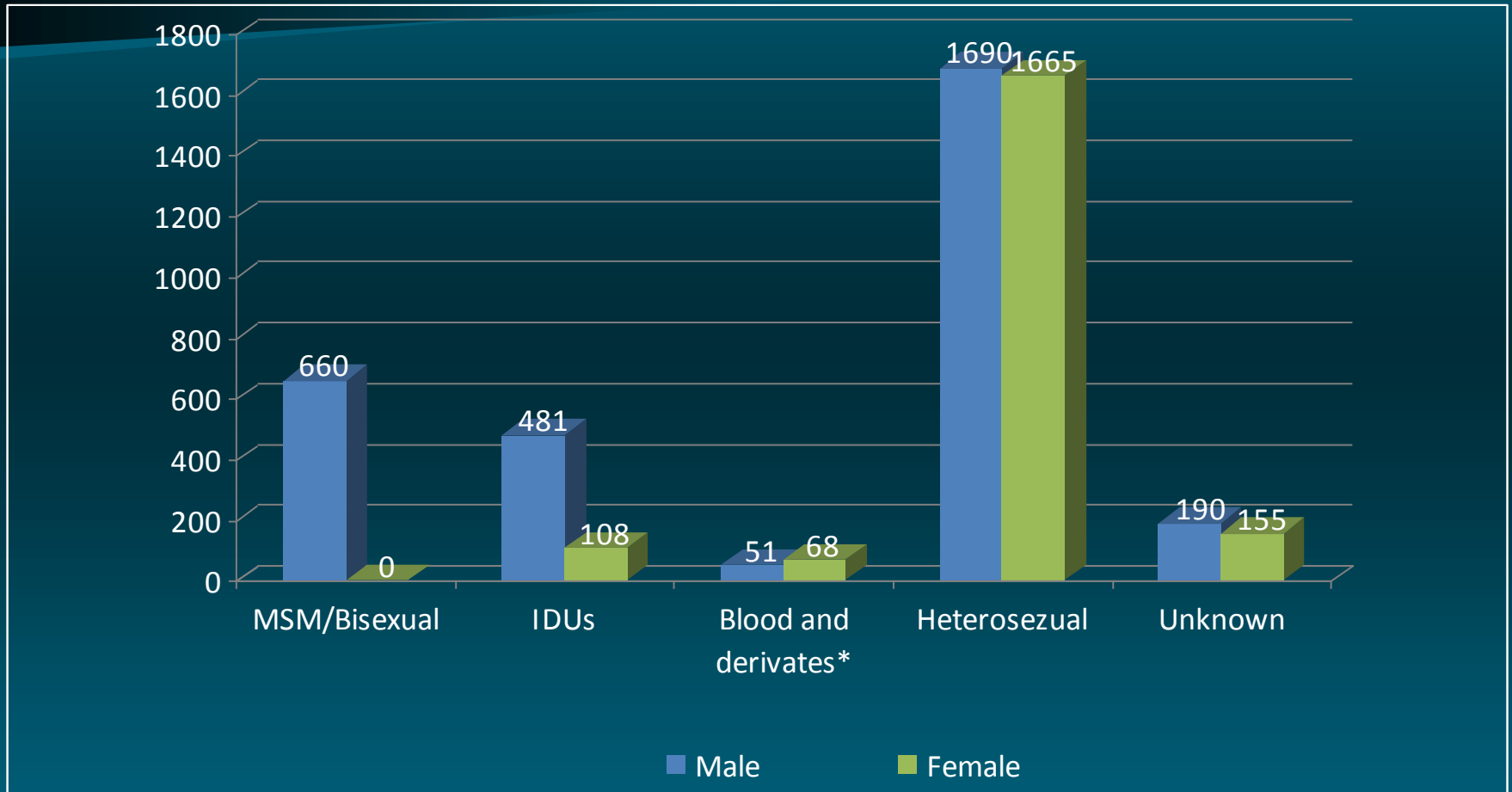


*Persons who received blood transfusions at the end of 1980s and in the early 1990s.

**Persons with multiple admissions and/or multiple parenteral treatment at the end of 1980s and in the early 1990s.



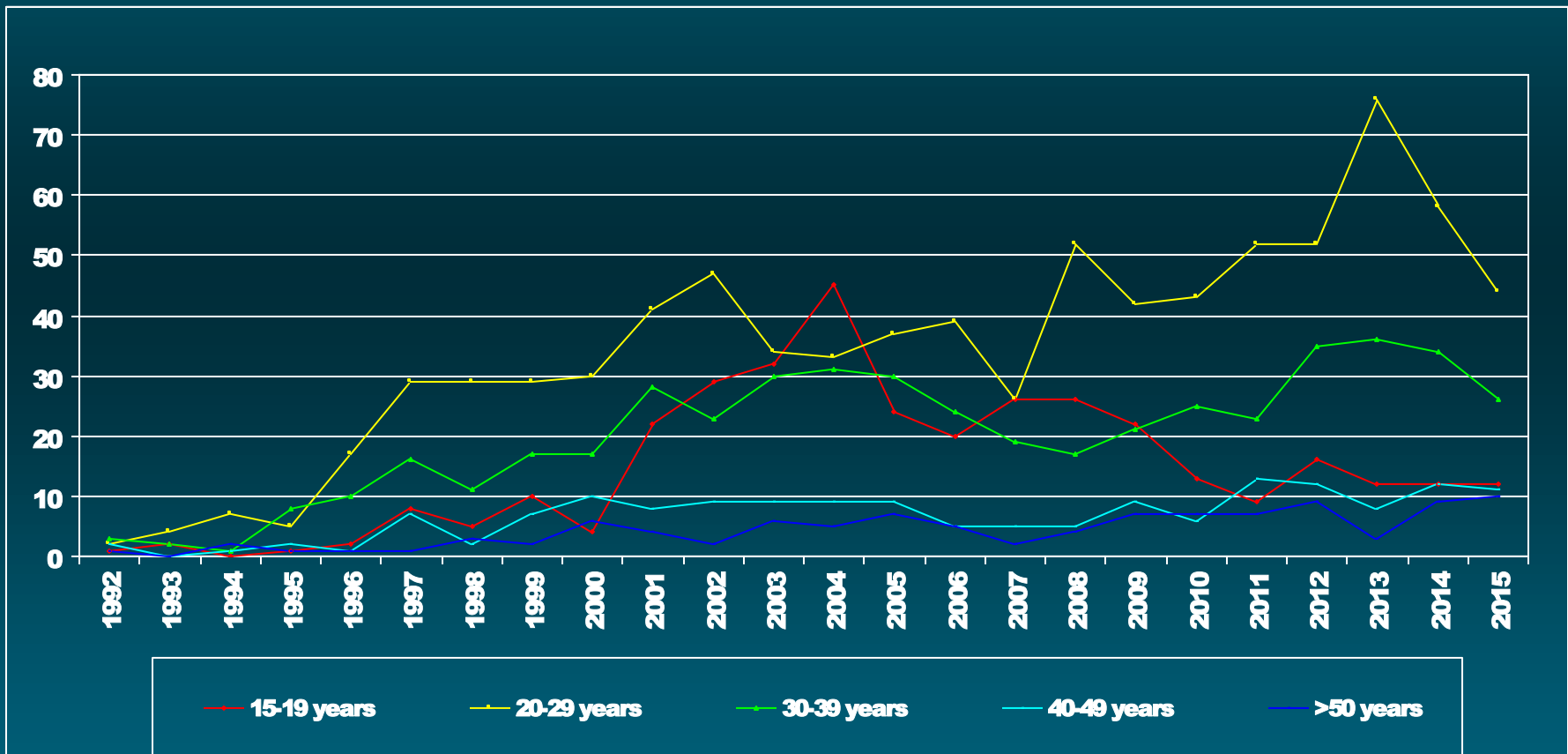
Probable route of transmission in teenagers and adults with HIV infection (>14 years at time of diagnosis) at 30 June 2016 (cumulative total 1992-2016)



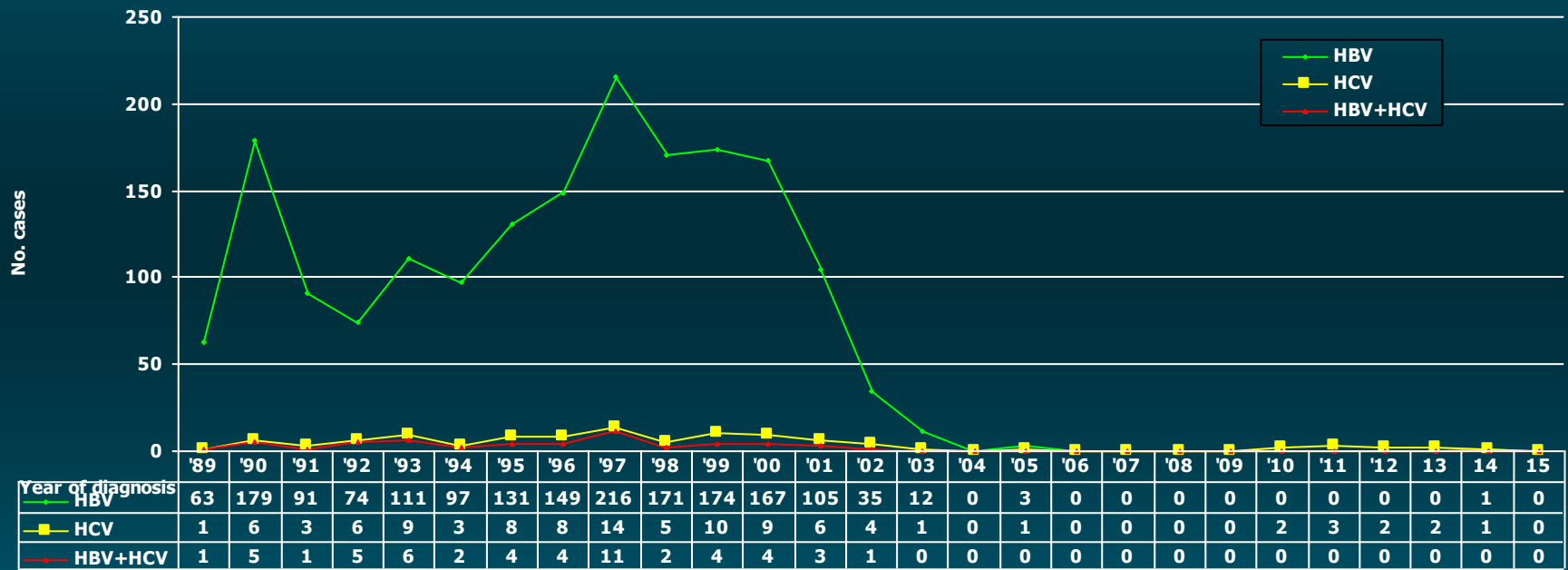
* Persons who received blood transfusions at the end of 1980s and in the early 1990s



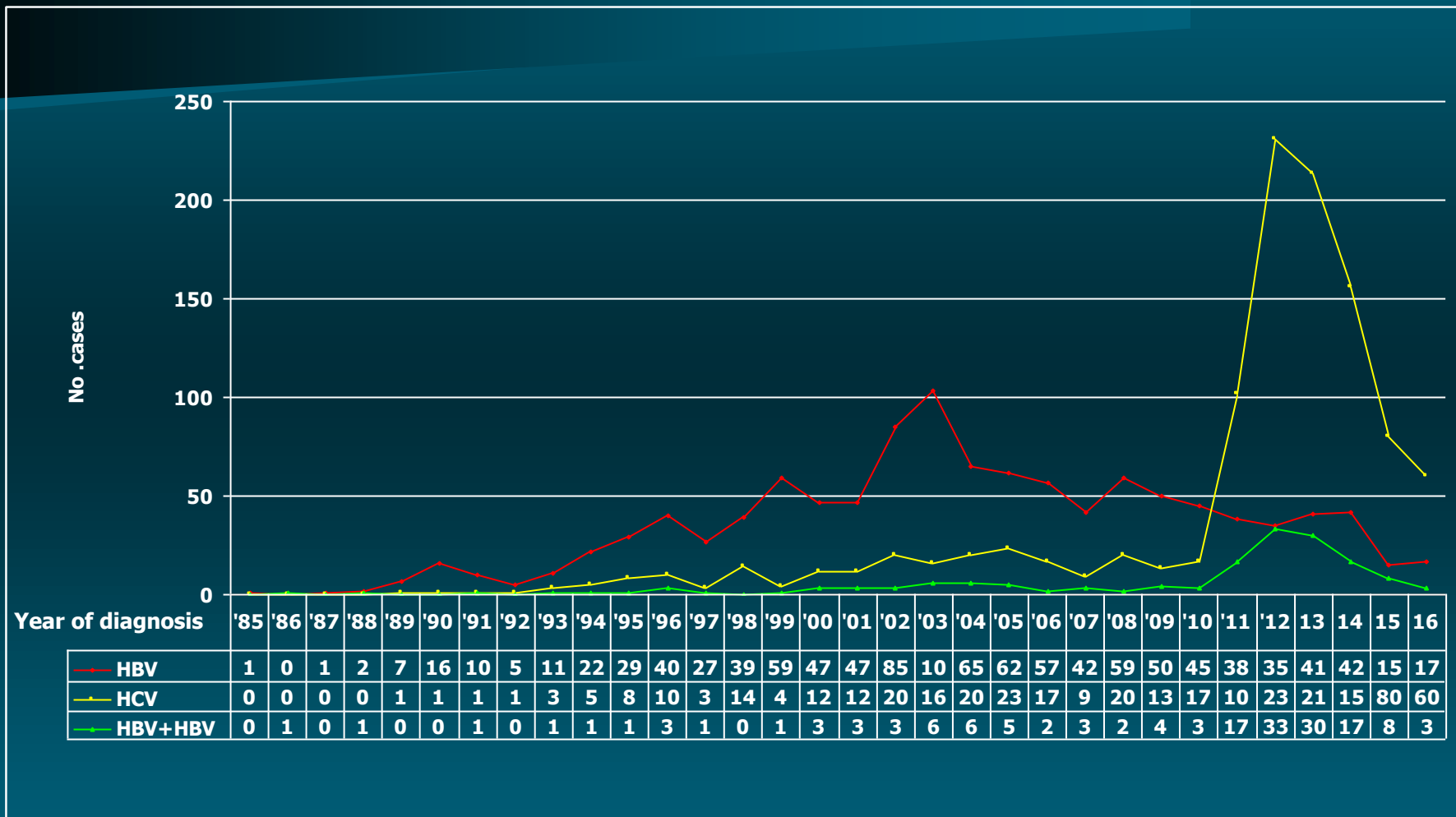
Distribution of HIV infection in women by years of diagnosis and age group (1992-2015)



HBV, HCV and HBV+HCV infection in seropositive children during 1989-2016

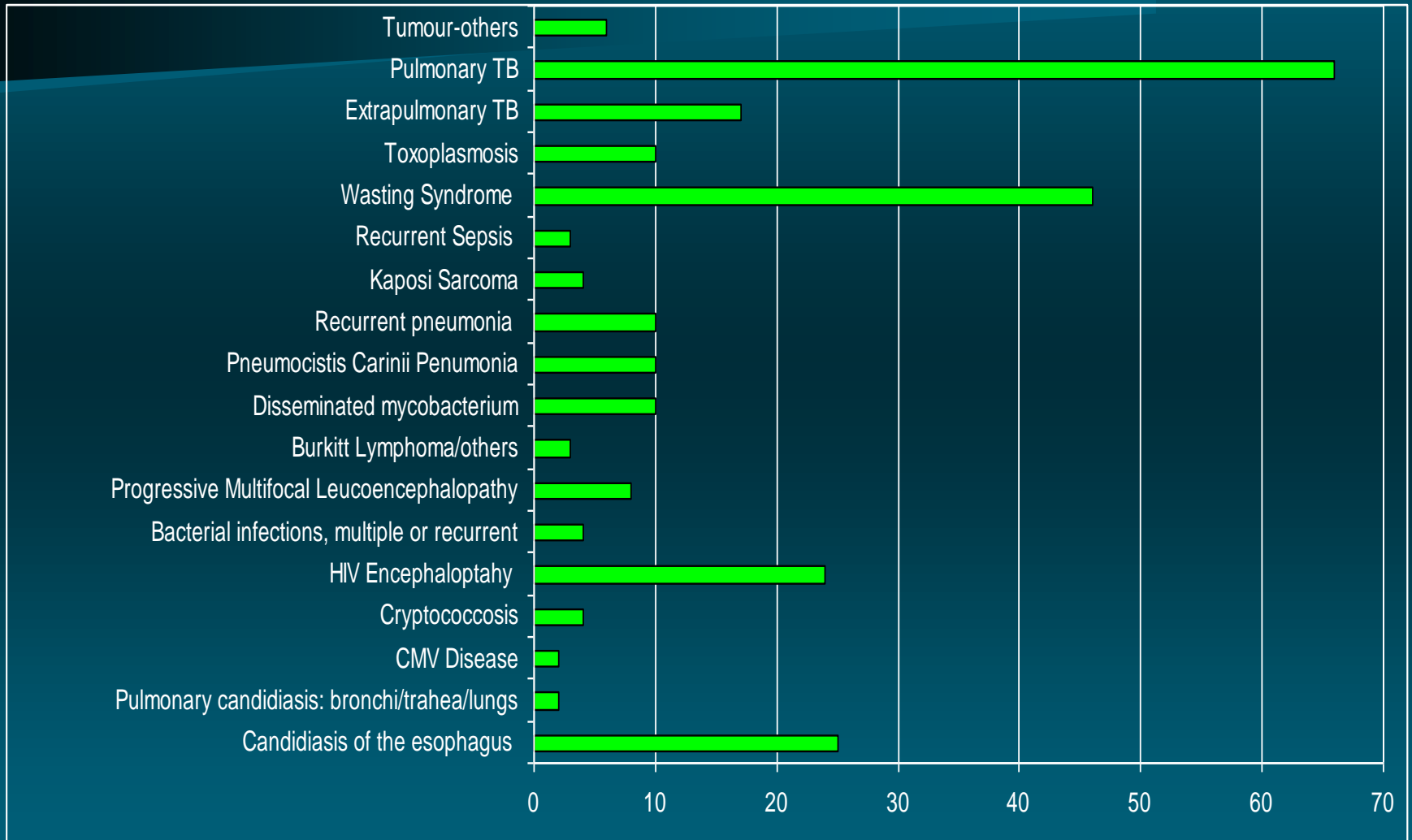


HBV, HCV and HBV+HCV infection in seropositive adults during 1985-2016

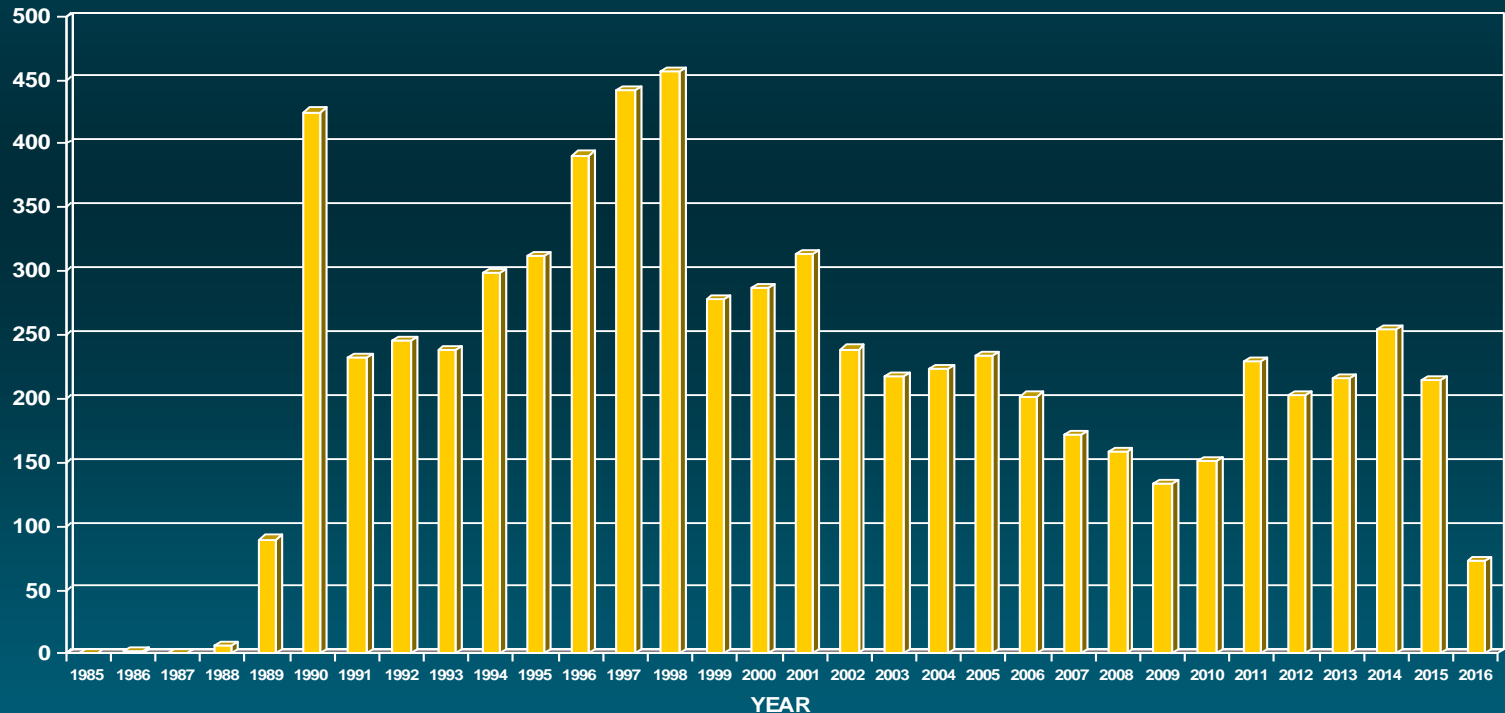


Source: Compartment for Monitoring and Evaluation of HIV/AIDS Infection in Romania INBI “Prof.Dr.M.Balș”

Associated diseases 01.01 – 30.06.2016



Deaths by year 1985-2014



Source: Compartment for Monitoring and Evaluation of HIV/AIDS Infection in Romania INBI "Prof.Dr.M.Balș"

HIV testing

January-June 2016

HIV testing* in risk groups during the first 6 months of 2016

| Risk group | Negative tests | Positive tests | TOTAL | %POSITIVE |
|-----------------------------------|----------------|----------------|---------------|--------------|
| STDs | 665 | <i>12</i> | 677 | 1.77 |
| TBC | 5835 | <i>61</i> | 5896 | 1.03 |
| Maternity testing | 190 | <i>8</i> | 198 | 4.04 |
| Pregnant women | 68319 | <i>80</i> | 68399 | 0.12 |
| Health workers | 5254 | <i>0</i> | 5254 | 0.00 |
| Pts. with hemodialysis | 2153 | <i>0</i> | 2153 | 0.00 |
| Persons who received transfusions | 24 | <i>0</i> | 24 | 0.00 |
| Prenuptial check-up | 3018 | <i>2</i> | 3020 | 0.07 |
| IDUs | 107 | <i>5</i> | 112 | <i>4.46</i> |
| Prisoners | 119 | <i>2</i> | 121 | 1.65 |
| MSM | 6 | <i>0</i> | 6 | <i>0.00</i> |
| SWs (sex workers) | 11 | <i>1</i> | 12 | 8.33 |
| HIV contacts | 410 | <i>57</i> | 467 | <i>12.21</i> |
| Sailors | 6582 | <i>8</i> | 6590 | 0.12 |
| Drivers | 6746 | <i>3</i> | 6749 | 0.04 |
| Work abroad > 6 months | 193 | <i>1</i> | 194 | 0.52 |
| Stay abroad > 6 months | 32 | <i>1</i> | 33 | 3.03 |
| On request | 70642 | <i>517</i> | 71159 | 0.73 |
| Occasional | 15281 | <i>441</i> | 15722 | 2.80 |
| TOTAL | 185587 | 1199 | 186786 | 0.64 |

*The data are sent by the County Public Health Authorities

HIV testing* in pregnant women, by age groups, during the first six months of 2016

| Age group | Negative tests | Positive tests | TOTAL | %POSITIVE |
|-----------------|----------------|----------------|--------------|-------------|
| 12-14 years | 387 | 1 | 388 | 0.26 |
| 15-19 years | 7373 | 8 | 7381 | 0.05 |
| 20-24 years | 14444 | 21 | 14465 | 0.13 |
| 25-29 years | 19879 | 32 | 19911 | 0.12 |
| 30-34 years | 14195 | 8 | 14203 | 0.04 |
| 35-39 years | 7629 | 5 | 7634 | 0.06 |
| > 40 years | 2053 | 4 | 2057 | 0.19 |
| Unspecified age | 2359 | 1 | 2360 | 0.21 |
| TOTAL | 68319 | 80 | 68399 | 0.10 |

*The data are sent by the County Public Health Authorities

HIV testing * in blood donors during the first six months of 2016

| Group | Gender | Positive | Negative | TOTAL |
|------------------|--------|-----------|---------------|---------------|
| First time donor | Male | 14 | 35172 | 35186 |
| | Female | 6 | 18746 | 18752 |
| Regular donor | Male | 3 | 83077 | 83080 |
| | Female | 2 | 37374 | 37376 |
| Occasional donor | Male | 1 | 25180 | 25181 |
| | Female | 0 | 11529 | 11529 |
| TOTAL | | 26 | 211078 | 211104 |

*The data are sent by the National Institute for Hematology "PROF.C.T.NICOLAU"

HIV/AIDS Phenomenon in the world

UNAIDS
PARIS DECLARATION
1 December 2014

FAST -- TRACK CITIES: ENDING THE AIDS EPIDEMIC

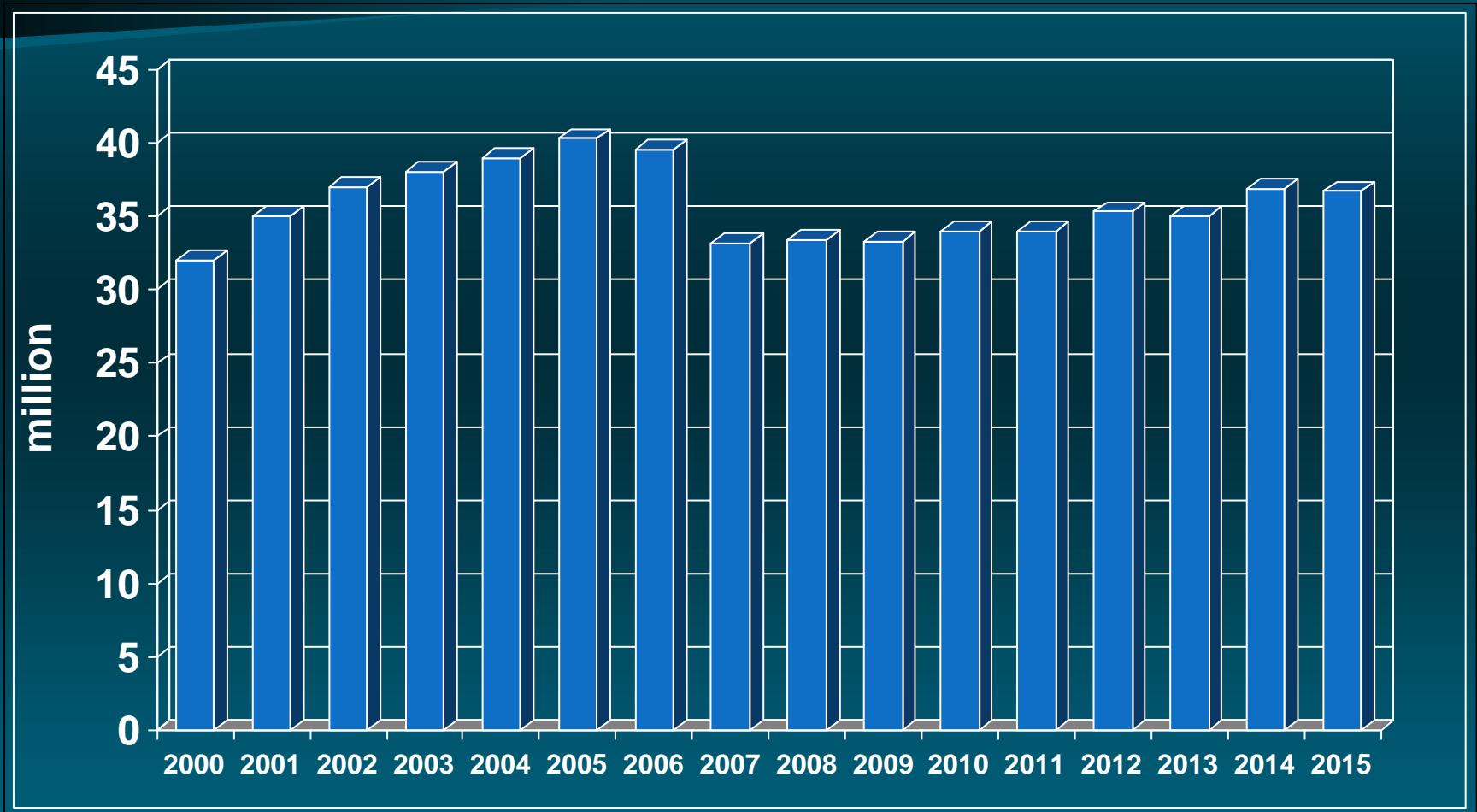
Cities Achieving 90-90-90 Targets by 2020

- **90%** of people living with HIV knowing their HIV status.
-
- **90%** of people who know their HIV-positive status on treatment.
- **90%** of people on treatment with suppressed viral loads.

General HIV/AIDS data in the world 2015

| | | |
|--|-------------------------------|---|
| PLWHA | Total | 36.7 million [34.0 million – 39.8 million] |
| | Adults | 34.9 million [32.4 million – 37.9 million] |
| | Women | 17.8 million [16.4 million – 19.4 million] |
| | Children < 15 years | 1.8 million [1.5 million – 2.0 million] |
| Persons infected with HIV in 2015 | Total | 2.1 million [1.8 million – 2.4 million] |
| | Adults | 1.9 million [1.7 million – 2.2 million] |
| | Children < 15 years | 150 000 [110 000 – 190 000] |
| AIDS related deaths in 2015 | Total | 1.1 million [940 000 – 1.3 million] |
| | Adults | 1.0 million [840 000 – 1.2 million] |
| | Children < 15 ani | 110 000 [84 000 – 130 000] |

Estimates on the numbers of PLWHA 2000-2015

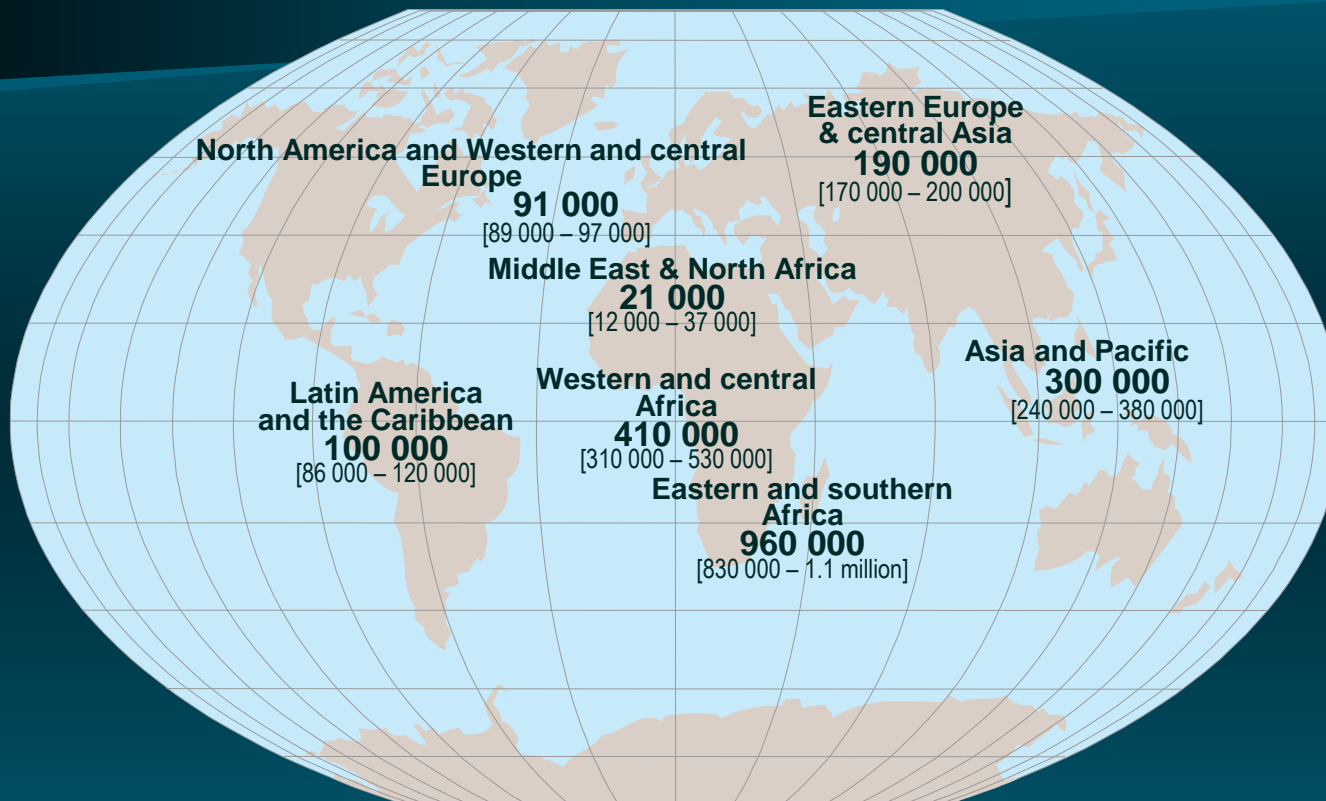


Adults and children estimated to be living with HIV | 2015



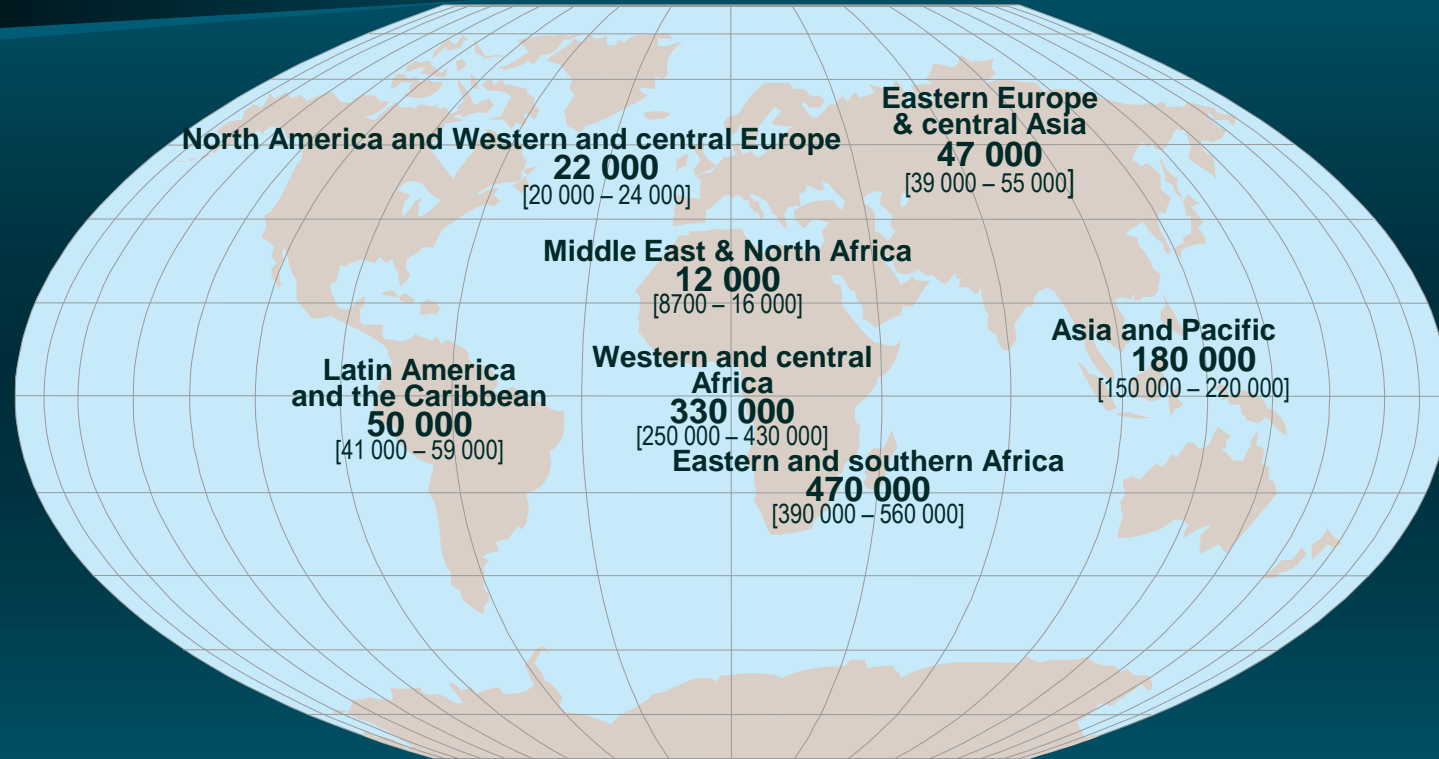
Total: 36.7 million [34.0 million – 39.8 million]

Estimated number of adults and children newly infected with HIV | 2015



Total: 2.1 million [1.8 million – 2.4 million]

Estimated adult and child deaths from AIDS | 2015



Total: 1.1 million [940 000 – 1.3 million]

Nearly 5 700 people became newly infected with HIV daily, in 2015

- About 66% came from Sub-Saharan-Africa
- About 600 were children below 15
- Approximately 53000 were over 15, of which:
 - approx. 47% were women
 - approx. 35% were between 15-24

Characteristics of HIV infection cases diagnosed in the WHO European Region in 2014, by geographical areas

| | WHO European Region | West | Centre | East | EU/EEA countries |
|--|---------------------|--------|--------|------------------|------------------|
| Reporting countries/no. of reporting countries | 49/53 (50/53) | 23/23 | 14/15 | 12/15 (13/15) | 31/31 |
| Number of HIV infection cases | 56 972 (142 197) | 27 325 | 4950 | 24 669 (109 930) | 29 992 |
| Rate per 100.000 population | 7,9 (16,4) | 6,4 | 2,6 | 22 (43,2) | 5,9 |
| % of cases: | | | | | |
| 15-24 age group | 10,2% | 10,6% | 14,9% | 8,7% | 11,1% |
| Men/women ration | 2.3 | 3,3 | 4,4 | 1,4 | 3,3% |
| Way of transmssion | | | | | |
| Heterosexual | 46,8% | 33,7% | 24,3% | 60,0% | 32,8% |
| MSM | 24,4% | 43,9% | 28,0% | 2,2% | 42,3% |
| I.V. drugs | 14,0% | 3,1% | 5,4% | 27,8% | 4,1% |
| MTCT | 1,0% | 0,8% | 1,0% | 1,2% | 0,8% |
| Unknown | 13,5% | 18,1% | 40,9% | 2,9% | 19,7% |

No data received from Bosnia and Herzegovina, Russia, Turkmenistan, Uzbekistan. All data presented were reported to ECDC/WHO through the European Surveillance System (TESSy), except for data for Russia which were obtained through the Russian Federal Scientific and Methodological Center for Prevention and Control of AIDS [1]. Russian data are included in the numbers in parentheses for the European Region and the East.

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References

- Revised surveillance Case Definition for HIV Infection Among Adults, Adolescents, and Children Aged < 18 Months and for HIV Infection and AIDS Among Children Aged 18 Months to <13 years--- CDC, United States, 2008

<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5710a1.htm>

- CASE DEFINITIONS OF COMMUNICABLE DISEASES

<http://eur->

[lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2002D0253:20120927:EN:PDF](http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:2002D0253:20120927:EN:PDF)

- The WHO case definition of HIV surveillance is available at:

<http://www.who.int/hiv/pub/vct/hivstaging/en/index.html>

CASE DEFINITIONS OF COMMUNICABLE DISEASES ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) AND HUMAN IMMUNODEFICIENCY VIRUS (HIV) INFECTION

Clinical Criteria (AIDS)

Any person who has any of the clinical conditions as defined in the European AIDS case definition for:

- Adults and adolescents ≥ 15 years
- Children < 15 years of age

Laboratory Criteria (HIV)

- Adults, adolescents and children aged ≥ 18 months

At least one of the following three:

- Positive result of a HIV screening antibody test or a combined screening test (HIV antibody and HIV p24 antigen) confirmed by a more specific antibody test (e.g. Western blot)
- Positive result of 2 EIA antibody test confirmed by a positive result of a further EIA test
- Positive results on two separate specimens from at least one of the following three:
 - Detection of HIV nucleic acid (HIV-RNA, HIV-DNA)
 - Demonstration of HIV by HIV p24 antigen test, including neutralisation assay
 - Isolation of HIV
- Children aged < 18 months

Positive results on two separate specimens (excluding cord blood) from at least one of the following three:

- Isolation of HIV
- Detection of HIV nucleic acid (HIV-RNA, HIV-DNA)
- Demonstration of HIV by HIV p24 antigen test, including neutralisation assay in a child ≥ 1 month of age

Epidemiological Criteria NA

Case Classification

A. Possible case NA

B. Probable case NA

C. Confirmed case

— HIV infection

Any person meeting the laboratory criteria for HIV infection

— AIDS

Any person meeting the clinical criteria for AIDS and the laboratory criteria for HIV infection

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