

HIV 2005

2004 saw a total of 265 notified cases of newly diagnosed HIV infection, 193 (73%) men and 72 (27%) women.

Among the Danish-born, 141 (90%) of 157 were men. Among immigrants, 46 (44%) of 101 were men. In seven notifications, information about origin was missing.

As previously, most cases were notified in Greater Copenhagen, [Table 1](#).

Table 1. Newly diagnosed HIV cases by county and number of new cases per 10⁵, 2005

County	No.	(%)	Newly diagn. per 10 ⁵
Cph. Municip.	88	33	17,5
Frb. Municip.	17	6	18,5
Copenhagen	19	7	3,1
Frederiksborg	7	3	1,9
Roskilde	10	4	4,2
West Zealand	4	2	1,3
Storstrom	7	3	2,7
Bornholm	1	0	2,3
Funen	10	4	2,1
South Jutland	12	5	4,7
Ribe	9	3	4,0
Vejle	15	6	4,2
Ringkobing	3	1	1,1
Aarhus	23	9	3,5
Viborg	14	5	6,0
North Jutland	6	2	1,2
Other	1	0	-
Unknown	19	7	-
Total	265	100	4,9

The male median age was 38 (18-72 yrs) and the female median age 29 (1-59 yrs). The distribution on sex and mode of transmission are shown in [Figure 1](#).

Danish men

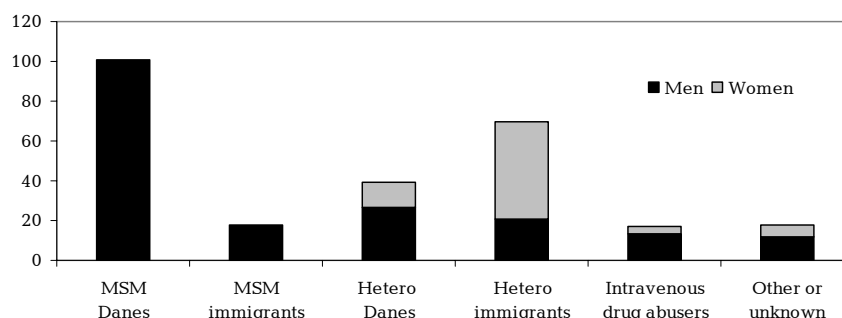
Among 141 Danish men, 101 (71%) were infected through sex with another man (MSM). A total of 27 were infected by sex with a woman: ten by sex with a woman from a highly endemic area, seven by sex with a woman pertaining to another known risk group, and ten from sex with a woman not belonging to a known risk group. Nine were infected through intravenous drug abuse, and in four cases the mode of infection was not stated.

Danish women

Among 16 Danish women, 12 (75%) were infected via sexual contact, six by sex with a man from a highly endemic area, three by sex with a man from a known risk group, and four by sex with a man not belonging to a known risk group. Three were

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Figure 1. Newly diagnosed HIV infections by sex and mode of transmission, 2005



infected through intravenous drug abuse, while one infant was infected at birth.

Immigrant men

Among 46 immigrant men, 18 (39%) were MSM. A total of 21 were infected by sexual contact with a woman: 17 by sex with a woman from a highly endemic area and four by sex with a woman not belonging to a known risk group. Three were infected through intravenous drug abuse, and in four cases the mode of infection was unknown.

Immigrant women

Among immigrant women, 49 (89%) were infected by sexual contact with men: 48 with a man from a highly endemic area, and one with a man who did not belong to a known risk group. Two were infected at birth and one through intravenous drug abuse. In one case the mode of infection was unknown.

Improved surveillance

Soundex codes and date of birth were added to HIV notifications as from 1 January 2005, EPI NEWS 51/04. As a consequence, 41 duplicate notifications have been identified. Among these, 14 had characteristics which would have eventually led to the elimination of the duplicate even without the Soundex code and date of birth. This was not the case for the remaining 27 cases. Among these, 20 were Danes (17 MSM, two infected heterosexually, and one who was infected through intravenous drug abuse), and six were immigrants (five of which were infected heterosexually and one through intravenous drug abuse). In one case, country of origin and mode of infection were unknown.

Comments

2005 has seen a reduction of 35 notifications compared with 2004. The reduction may be attributed in part to the improved surveillance which

primarily led to the identification of 17% double Danish MSM notifications in 2005. The share of MSM notification of HIV in men under the age of 30 has been increasing since 2000, and the 2005 share was the highest observed for a decade (27%). The global trend towards an increased number of heterosexually infected women is not reflected in Denmark. In the period 1991-2005, an average of 14 (6-24) Danish women were notified as heterosexually infected in Denmark. In 2005, the number was ten. In the same period, women composed 31% (15-44%) of the Danes who had been infected heterosexually in Denmark. In 2005, this share was also 31%.

AIDS 2005

2005 saw a total of 44 AIDS notifications, 30 (68%) men and 14 (32%) women. Among the men, 18 (60%) were MSM, nine (30%) were infected heterosexually, and three (10%) via intravenous drug abuse. Among women, 13 were infected heterosexually and one via intravenous drug abuse. A total of 12 persons (27%) were immigrants of whom nine were infected heterosexually and three homosexually.

Among the 44 persons diagnosed with AIDS in 2005, 23 (52%) received the HIV diagnosis during the same year, 17 (39%) were diagnosed 1-10 years before, and four (9%) were diagnosed more than 10 years earlier. In 2005, 27 persons who had formerly been diagnosed with AIDS died. Among these, eight (30%) had received the HIV diagnosis the same year, and 19 (70%) had been diagnosed 1-10 years earlier.

HIV/AIDS ANNUAL REPORT 2005

The enclosed pink annual report presents detailed 2005 information on HIV and AIDS.

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Individually notifiable diseases

Number of notifications received in the Department of Epidemiology, SSI (2006 figures are preliminary)

Table 1	Week 35 2006	Cum. 2006 ¹⁾	Cum. 2005 ¹⁾
AIDS	1	31	41
Anthrax	0	0	0
Botulism	0	0	0
Cholera	0	0	0
Creutzfeldt-Jakob	0	15	2
Diphtheria	0	0	0
Foodborne diseases	21	360	345
of these, infected abroad	4	86	78
Gonorrhoea	13	301	357
Haemorrhagic fever	0	0	0
Hepatitis A	5	20	42
of these, infected abroad	5	9	12
Hepatitis B (acute)	0	12	25
Hepatitis B (chronic)	3	234	97
Hepatitis C (acute)	0	6	1
Hepatitis C (chronic)	3	362	226
HIV	10	154	189
Legionella pneumonia	1	76	71
of these, infected abroad	0	20	23
Leprosy	0	0	0
Leptospirosis	1	6	10
Measles	0	27	2
Meningococcal disease	0	48	74
of these, group B	0	23	37
of these, group C	0	9	18
of these, unspec. + other	0	16	18
Mumps	1	12	6
Neuroborreliosis	6	34	49
Ornithosis	0	8	14
Pertussis (children < 2 years)	1	34	109
Plague	0	0	0
Polio	0	0	0
Purulent meningitis			
Haemophilus influenzae	0	1	1
Listeria monocytogenes	0	6	1
Streptococcus pneumoniae	1	57	86
Other aethiology	0	5	12
Unknown aethiology	0	7	12
Under registration	3	35	-
Rabies	0	0	0
Rubella (congenital)	0	0	0
Rubella (during pregnancy)	0	0	0
Shigellosis	4	41	75
of these, infected abroad	4	36	61
Syphilis	4	51	85
Tetanus	0	2	2
Tuberculosis	5	273	294
Typhoid/paratyphoid fever	2	20	27
of these, infected abroad	2	19	25
Typhus exanthematicus	0	0	0
VTEC/HUS	2	95	112
of these, infected abroad	0	32	38

¹⁾ Cumulative number 2006 and in corresponding period 2005

Selected laboratory diagnosed infections

Number of specimens, isolates, and/or notifications received in SSI laboratories

Table 2	Week 35 2006	Cum. 2006 ²⁾	Cum. 2005 ²⁾
Bordetella pertussis (all ages)	1	137	361
Gonococci	9	295	306
of these, females	1	53	30
of these, males	8	242	276
Listeria monocytogenes	3	35	23
Mycoplasma pneumoniae			
Resp. specimens ³⁾	7	282	662
Serum specimens ⁴⁾	6	253	560
Streptococci ⁵⁾			
Group A streptococci	1	110	83
Group B streptococci	2	67	52
Group C streptococci	0	15	17
Group G streptococci	2	101	81
S. pneumoniae	2	698	791
Table 3	Week 33 2006	Cum. 2006 ²⁾	Cum. 2005 ²⁾
Pathogenic int. bacteria ⁶⁾			
Campylobacter	102	1737	2244
S. Enteritidis	21	337	384
S. Typhimurium	10	233	337
Other zoon. salmonella	19	382	342
Yersinia enterocolitica	1	111	151
Verocytotoxin- producing E. coli	6	95	97
Enteropathogenic E. coli	13	162	162
Enterotoxigenic E. coli	6	156	231

²⁾ Cumulative number 2006 and in corresponding period 2005

³⁾ Resp. specimens with positive PCR

⁴⁾ Serum specimens with pos. complement fixation test

⁵⁾ Isolated in blood or spinal fluid

⁶⁾ See also www.germ.dk

Patients with laboratory confirmed chlamydia by gender and county, 1st quarter 2006

County	2006			2005
	M	F	Total	Total
Cph. + Frb. Municip.	404	605	1010 *)	932
Copenhagen	209	397	607 *)	512
Frederiksborg	118	176	295 *)	260
Roskilde	50	153	203	171
West Zealand	94	186	280	240
Storstrom	89	148	237	246
Bornholm	17	25	42	23
Funen	205	349	554	438
South Jutland	78	144	222	229
Ribe	93	152	246 *)	214
Vejle	149	257	406	321
Ringkobing	110	169	279	181
Aarhus	352	499	831	697
Viborg	63	107	170	202
North Jutland	217	351	568 *)	460
Entire country	2248	3718	5950 *)	5126

*) For a few persons gender is unknown