



Sexually Transmitted Infections Surveillance in Europe

Annual Report No. 2

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A hard copy is available on request from the address below; the report is also available on the ESSTI website www.essti.org

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Surveillance Report Introduction

The report covers the years 1997 to 2006 and aims to describe basic trends and epidemiological features of the three main bacterial sexually transmitted infections, syphilis, gonorrhoea and chlamydia, in the 24 ESSTI participating countries and the Czech Republic (see Fig. 1).

Figure 1: Map showing the countries participating in ESSTI



The data is presented in three disease-specific chapters; chlamydia, gonorrhoea and syphilis. The report focuses on key risk groups and the change in trends over time. Please note the following points:

1. All countries were asked to provide aggregated data for each infection by gender, age-group and whether the infection was homosexually acquired. The age groups requested were <15, 15-19, 20-24, 25-34, 35-44, 45+ , if data was unavailable in this format country-specific age groupings were used.
2. Some countries have made changes to their surveillance systems in recent years and in these cases historic data was not provided as it would not have been comparable.
3. Due to the heterogeneity in the surveillance systems used by each country and in particular the substantial differences in the number of diagnosed cases actually reported it is not advisable to compare the numbers reported by each country or the calculated rates. Absolute numbers are presented in the tables in this report.
4. Annual rates are calculated per 100 000 population. Country population denominators used to calculate rates are based on data from the United Nations Population Division.
5. Rates were not calculated for countries with sentinel surveillance systems.
6. Historic trend data for the ten year period 1997-2006 were analysed.
7. For the purposes of this report countries are grouped if necessary as follows
 - West: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Malta, Netherlands, Norway, Portugal, Spain, Sweden, United Kingdom.
 - Central: Cyprus, Czech Republic, Poland, Slovakia, Slovenia, Turkey.
 - East: Estonia, Latvia.

2. Chlamydia

- Chlamydia is the most frequently reported bacterial STI in European countries with established surveillance. Despite this only 17 countries have surveillance in place for chlamydia compared to 23 countries for syphilis and gonorrhoea.
- Rates of reported chlamydia infection have increased in all European countries except Estonia and Latvia over the past ten years. It is difficult to say whether this is due to a genuine increase in incidence, increased testing, a change in the diagnostic test used and/or the introduction of screening in a number of countries.
- An increasing number of countries reported a fall in the number of reported cases in 2006.
- Chlamydia infection is found mostly in young people and in particular young women.

2.1 Source of data

Chlamydia surveillance data for 2006 was available from 16 countries in total (Table 2.1). In many countries particularly in Scandinavia laboratory reporting is more commonly used for chlamydia surveillance than case-based surveillance systems. Cyprus and Turkey introduced chlamydia surveillance in 2005.

Table 2.1 Type and period of chlamydia surveillance data available

Country	Surveillance System	Years available*
Austria	Not reportable	
Belgium	Sentinel Laboratory	1997-2006
Cyprus	Universal Case	2005-2006
Denmark	Universal Laboratory	1997-2006
Estonia	Universal Case	1997-2006
Finland	Universal Laboratory	1997-2006
France	Sentinel Laboratory	2005
Germany	Not reportable	
Greece	Not reportable	
Iceland	Universal Laboratory	1997-2006
Ireland	Universal Case	1997-2006
Italy	Not reportable	
Latvia	Universal Case	1997-2006
Malta	Universal Case	2004-2006
Netherlands	Sentinel Case	2003-2006
Norway	Universal Laboratory	1997-2006
Poland		
Portugal	Sentinel Case	2000-2006
Slovakia	Not reportable	
Slovenia	Universal Case	1997-2006
Spain	Not reportable	
Sweden	Universal Case	1997-2006
Turkey	Universal Case	2005-2006
United Kingdom	Universal Case ¹	1997-2006

*Not all variables necessarily available for each country and year

¹Data from genitourinary medicine (GUM) clinics only

There are major variations in the coverage, completeness and representativeness of these systems and so direct comparisons of absolute numbers and rates may be misleading since the proportion of diagnosed cases actually reported differs substantially.

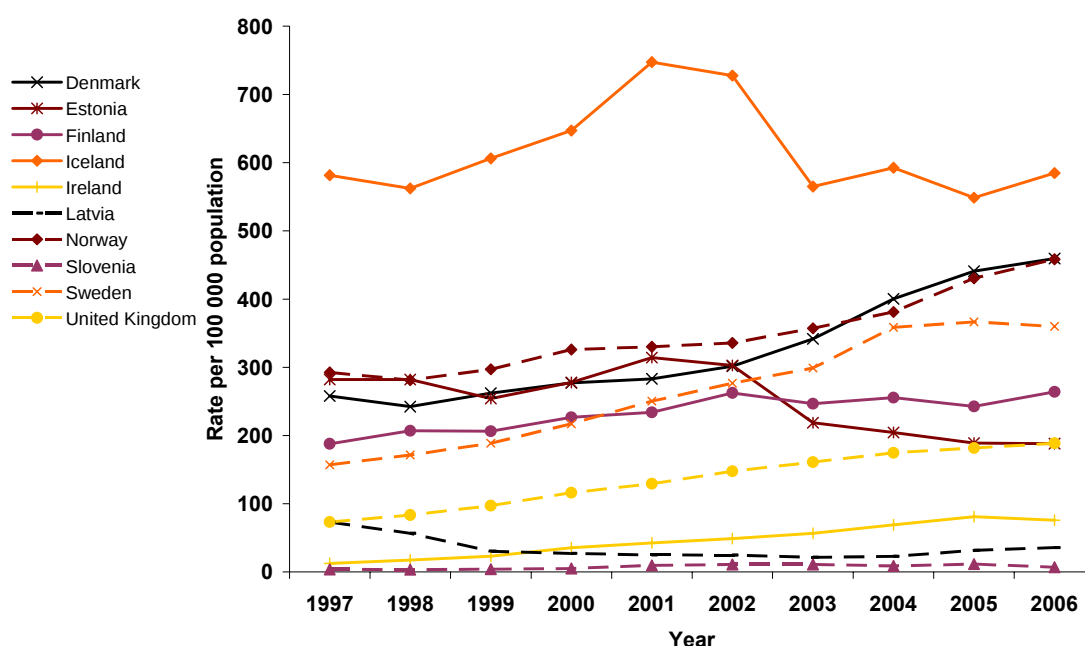
2.2 Burden and Trends:

The rate of reported chlamydia diagnoses across Europe varied from 7 cases per 100 000 population in Slovenia to 585 cases per 100 000 population in Iceland (excluding Cyprus and Turkey where rates of just 0.7 and 0.2 cases per 100 000 population respectively were reported). The Netherlands reported a 38% increase in the number of cases during 2006 (5146 in 2005 to 7085 in 2006). Seven other countries (Cyprus, Denmark, Finland, Iceland, Latvia, Norway, and UK) also reported an increase in the number of cases from 2005 to 2006 (see Table 2.1 for figures). Eight countries saw a decrease in the number of reported cases of chlamydia over the last year (Belgium, Estonia, Ireland, Malta, Portugal, Slovenia, Sweden and Turkey) compared to three countries the previous year.

Since the mid-1990s there has been an increasing trend in the number of chlamydia diagnoses in all European countries that collect this information with the exception of Estonia and Latvia (Figure 2.1). In Latvia and Estonia the number of new chlamydia cases reported has declined by 54% and 36% respectively in the past ten years.

Caution must be exercised in interpreting these trends as it is not possible to tell from the data presented in this report whether the increases are due to an increase in the number of people being tested, increase in detection rates or whether it is a true increase in incidence.

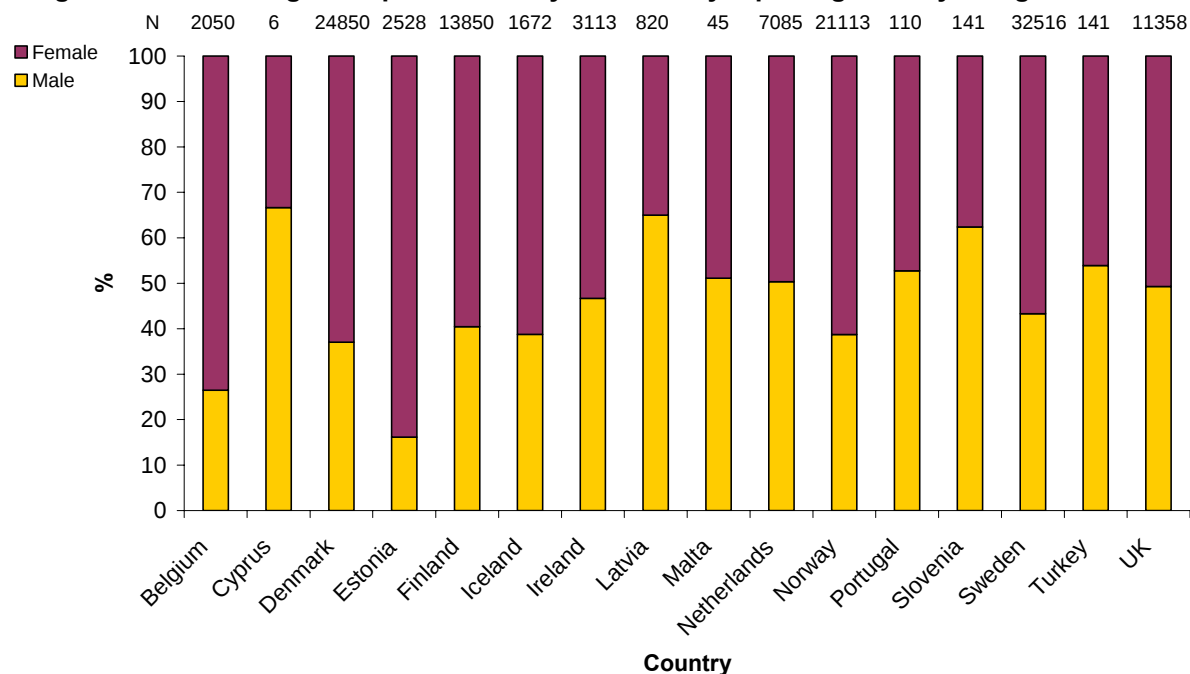
Figure 2.1: Rate of reported chlamydia cases per 100 000 population: 1997-2006



2.3 Age and gender distribution:

Chlamydia was reported more often in women than men. In 2006 55% of all reported cases were diagnosed in women. This ranged from 33% in Cyprus and 35% in Latvia to 84% in Estonia (Figure 2.2).

Figure 2.2: Percentage of reported chlamydia cases by reporting country and gender: 2006



Chlamydia continues to be most commonly reported in young people (i.e. below 25 years). In 2006 67% of all reported cases were diagnosed in the under-25 age group ranging from 17% of cases in Cyprus to 71% in Denmark. The highest proportion of cases were diagnosed in the 20-24 age group in all countries except for in Belgium, and Slovenia where the highest percentage of cases were diagnosed in the 25-34 age group (36% and 58% of cases respectively) and in Cyprus where half the cases were in 35-44 year olds.

The proportion of chlamydia cases diagnosed varies by gender across the age groups. Chlamydia was more commonly diagnosed in the younger age groups among women than among men. In 2006 75% of all female cases were diagnosed in women less than 25 years of age compared to 56% among men (Figures. 2.3a and 2.4b). The differences between countries among age groups may be due to variations in testing practices.

Figure 2.3a: Percentage of reported chlamydia cases in men by country and age group: 2006

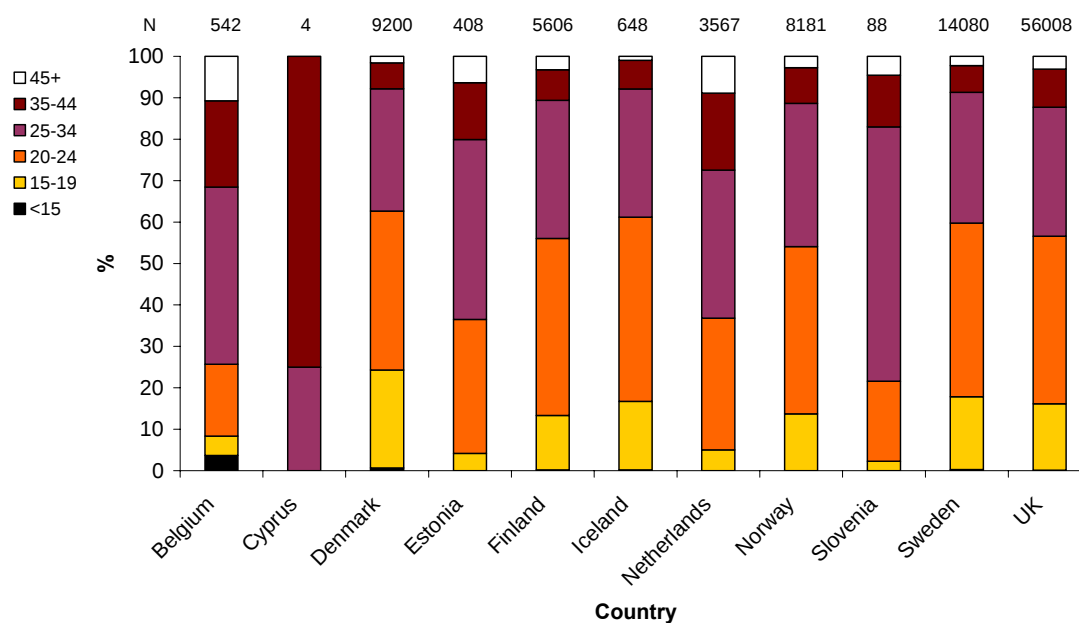


Figure 2.3b: Percentage of reported chlamydia cases in women by country and age group: 2006

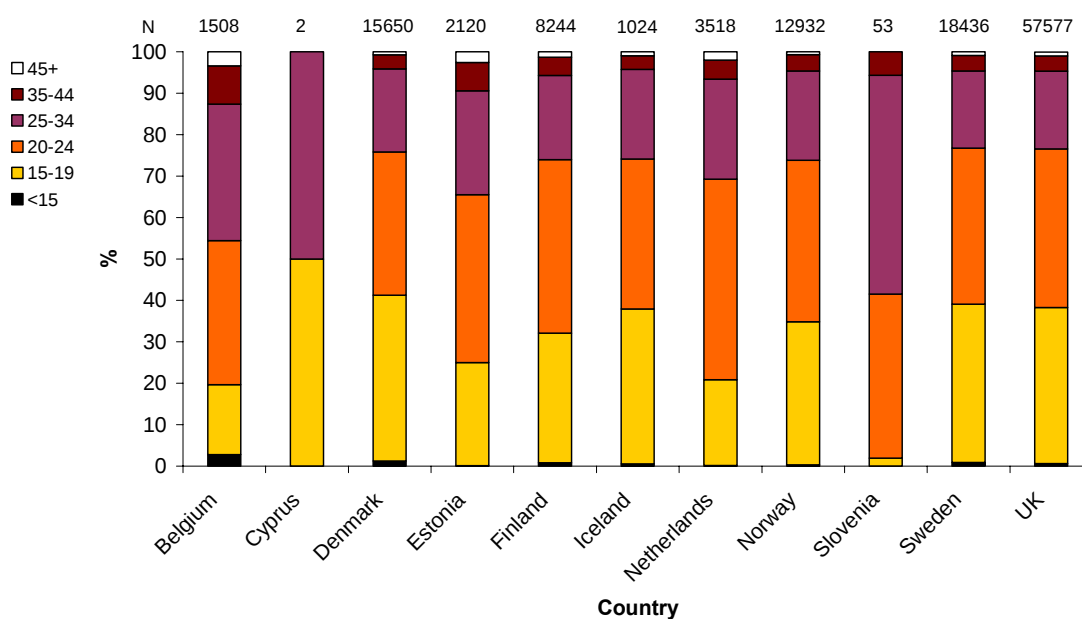


Table 2.2: Total number of chlamydia cases by country: 1997-2006

Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	% change 2005- 2006	% change 1997- 2006
Austria	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	691	721	793	689	771	1064	1468	1654	2091	2060	-1	198
Cyprus	-	-	-	-	-	-	-	-	1	6	500	-
Czech Republic	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	13596	12831	13930	14786	15153	16205	18407	21628	23881	24886	4	83
Estonia	3954	3916	3504	3805	4281	4107	2956	2759	2541	2528	-1	-36
Finland	9651	10654	10660	11731	12142	13661	12863	13366	12720	13850	9	44
France	-	-	-	-	-	-	-	-	3031			-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-	-	-
Iceland	1586	1549	1687	1819	2123	2088	1638	1736	1622	1729	7	9
Ireland	462	646	869	1343	1649	1922	2258	2803	3353	3144	-6	581
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	1780	1367	725	647	589	582	502	528	729	820	12	-54
Malta	-	-	-	-	-	-	-	23	48	45	-6	-
Netherlands	-	-	-	-	-	-	3741	4458	5146	7085	38	-
Norway	12892	12473	13255	14631	14908	15261	16356	17558	19963	21259	6	65
Poland												
Portugal	-	-	-	67	84	65	78	77	149	110	-26	-
Slovakia	-	-	-	-	-	-	-	-	-	-	-	-
Slovenia	76	71	79	103	191	219	222	176	229	141	-38	86
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	13903	15189	16701	19264	22261	24672	26790	32253	33127	32518	-2	134
Turkey	-	-	-	-	-	-	-	-	149	141	-5	-
UK	42668	48726	56991	68332	76515	87592	96151	104733	109418	113585	4	166

Table 2.3: Chlamydia cases by country* and gender: 1997-2001

	1997		1998		1999		2000		2001	
Country	M	F	M	F	M	F	M	F	M	F
Belgium	160	510	146	565	184	602	175	511	216	546
Cyprus	-	-	-	-	-	-	-	-	-	-
Denmark	3502	10001	3477	9285	4000	9858	4374	10398	4408	10731
Estonia	1397	2557	1100	2816	1188	2316	1307	2498	1782	2499
Finland	3645	6006	3977	6677	4104	6556	4539	7192	4635	7507
France	-	-	-	-	-	-	-	-	-	-
Iceland	580	975	566	931	638	1010	674	1097	774	1277
Ireland	218	244	287	359	398	471	662	679	765	872
Latvia	905	875	708	659	429	296	431	216	395	194
Malta	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	25	42	47	37
Slovenia	-	-	-	-	-	-	-	-	72	119
Sweden	5684	8219	6265	8924	7019	9682	8217	11047	9608	12653
Turkey	-	-	-	-	-	-	-	-	-	-
UK	17910	24758	21064	27662	24435	32556	29818	38514	33362	43153

*Countries with no data by gender are excluded from table

Table 2.3: Chlamydia cases by country* and gender: 2001-2006

	2002		2003		2004		2005		2006	
Country	M	F	M	F	M	F	M	F	M	F
Belgium	216	847	290	1169	386	1258	515	1568	542	1508
Cyprus	-	-	-	-	-	-	1	0	4	2
Denmark	5202	10985	5954	12430	7662	13943	8680	15168	9200	15650
Estonia	1353	2754	639	2317	602	2157	473	2068	408	2120
Finland	5197	8464	4976	7887	5317	8049	5036	7684	5606	8244
France	-	-	-	-	-	-	1066	1965		
Iceland	707	1325	614	962	645	1019	642	948	648	1024
Ireland	880	1018	993	1234	1264	1492	1518	1763	1454	1659
Latvia	395	187	352	150	364	164	516	213	533	287
Malta	-	-	-	-	15	8	21	27	23	22
Netherlands	-	-	2071	1670	2395	2063	2696	2450	3567	3518
Norway	-	-	-	-	-	-	7559	12211	8181	12932
Portugal	27	38	40	38	42	35	80	69	58	52
Slovenia	90	129	94	128	86	90	101	128	88	53
Sweden	10622	14050	11487	15303	14030	18223	14300	18827	14080	18436
Turkey	-	-	-	-	-	-	88	61	76	65
UK	38674	48918	43186	52965	48626	56107	51911	57507	56008	57577

*Countries with no data by gender are excluded from table

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Belgium											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	10	10	7	17	18	12	13	10	16	42
	15-19	62	56	74	66	67	94	157	181	287	254
	20-24	128	153	160	144	164	230	367	389	503	525
	25-34	182	216	237	176	165	339	404	467	509	497
	35-44	70	86	78	55	65	112	147	142	161	139
	45+	50	36	37	40	57	44	56	50	52	51
	Unknown	8	8	9	13	10	16	25	19	40	0
Female Total		510	565	602	511	546	847	1169	1258	1568	1508
Male	<15	6	3	2	13	20	2	8	6	3	20
	15-19	5	3	5	3	8	9	14	21	28	25
	20-24	14	21	26	32	22	38	45	68	85	94
	25-34	54	51	72	62	73	85	100	157	215	232
	35-44	29	37	42	39	42	49	79	88	120	113
	45+	51	30	34	24	49	32	44	44	51	58
	Unknown	1	1	3	2	2	1	0	2	13	0
Male Total		160	146	184	175	216	216	290	386	515	542
Total	<15	18	13	9	30	41	14	21	16	19	63
	15-19	67	62	79	69	76	103	171	202	316	281
	20-24	144	176	186	176	188	268	414	460	591	622
	25-34	244	270	309	238	240	424	506	627	727	732
	35-44	105	125	120	95	107	161	228	232	282	252
	45+	103	66	71	65	107	76	100	94	103	110
	Unknown	10	9	12	16	12	18	28	23	53	0
Total		691	721	793	689	771	1064	1468	1654	2091	2060

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Cyprus											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	0	1
	20-24	-	-	-	-	-	-	-	-	0	0
	25-34	-	-	-	-	-	-	-	-	0	1
	35-44	-	-	-	-	-	-	-	-	0	0
	45+	-	-	-	-	-	-	-	-	0	0
	Unknown	-	-	-	-	-	-	-	-	0	0
Female Total		-	-	-	-	-	-	-	-	0	2
Male	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	0	0
	20-24	-	-	-	-	-	-	-	-	0	0
	25-34	-	-	-	-	-	-	-	-	1	1
	35-44	-	-	-	-	-	-	-	-	0	3
	45+	-	-	-	-	-	-	-	-	0	0
	Unknown	-	-	-	-	-	-	-	-	0	0
Male Total		-	-	-	-	-	-	-	-	1	4
Total	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	0	1
	20-24	-	-	-	-	-	-	-	-	0	0
	25-34	-	-	-	-	-	-	-	-	1	2
	35-44	-	-	-	-	-	-	-	-	0	3
	45+	-	-	-	-	-	-	-	-	0	0
	Unknown	-	-	-	-	-	-	-	-	0	0
Total		-	-	-	-	-	-	-	-	1	6

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Denmark											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	87	80	70	62	109	95	108	162	183	195
	15-19	2839	2555	2764	2965	3206	3437	3843	4831	5766	6254
	20-24	4454	4037	4273	4362	4454	4504	4969	5211	5394	5416
	25-34	2174	2136	2317	2464	2510	2549	2937	3162	3186	3131
	35-44	355	360	367	393	393	342	469	495	548	535
	45+	92	117	67	100	54	55	85	67	77	111
	Unknown	-	-	-	13	5	3	16	13	12	8
Female Total		10001	9285	9858	10398	10731	10985	12430	13943	15168	15650
Male	<15	57	52	46	41	54	37	29	37	61	61
	15-19	478	427	551	610	699	776	883	1429	1943	2172
	20-24	1534	1429	1686	1779	1744	2085	2420	3008	3351	3530
	25-34	1173	1224	1387	1517	1546	1863	2075	2561	2640	2716
	35-44	182	253	255	296	269	349	422	510	530	578
	45+	78	92	75	92	84	88	125	113	143	142
	Unknown	-	-	-	34	12	2	0	2	3	1
Male Total		3502	3477	4000	4374	4408	5202	5954	7662	8680	9200
Total	<15	144	132	116	103	163	132	137	199	244	256
	15-19	3317	2982	3315	3575	3905	4213	4726	6260	7709	8426
	20-24	5988	5466	5959	6142	6199	6594	7394	8220	8747	8951
	25-34	3347	3360	3704	3983	4057	4418	5017	5728	5837	5850
	35-44	537	613	622	692	663	691	892	1007	1078	1118
	45+	170	209	142	192	138	143	210	180	221	253
	Unknown	-	-	-	49	24	7	24	27	28	11
Total		13503	12762	13858	14786	15153	16205	18407	21628	23881	24886

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Estonia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	0	0	0	0	0	0	6	2
	15-19	-	-	380	435	436	524	522	481	475	525
	20-24	-	-	716	784	863	941	835	809	815	854
	25-34	-	-	800	845	846	844	705	630	550	527
	35-44	-	-	264	298	265	354	171	160	166	145
	45+	-	-	152	134	89	91	84	77	43	54
	Unknown	-	-	0	0	0	0	0	0	13	13
Female Total		-	-	2312	2496	2499	2754	2317	2157	2068	2120
Male	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	101	69	97	69	28	26	26	17
	20-24	-	-	296	282	447	356	171	174	144	132
	25-34	-	-	444	614	795	584	274	262	210	177
	35-44	-	-	238	240	297	223	110	107	74	56
	45+	-	-	108	102	146	121	56	33	18	26
	Unknown	-	-	0	0	0	0	0	0	1	0
Male Total		-	-	1187	1307	1782	1353	639	602	473	408
Total	<15	-	-	5	2	0	0	0	0	6	2
	15-19	-	-	481	504	533	593	550	507	501	542
	20-24	-	-	1012	1066	1310	1297	1006	983	959	986
	25-34	-	-	1244	1459	1641	1428	979	892	760	704
	35-44	-	-	502	538	562	577	281	267	240	201
	45+	-	-	260	236	235	212	140	110	61	80
	Unknown	-	-	0	0	0	0	0	0	14	13
Total		-	-	3504	3805	4281	4107	2956	2759	2541	2528

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Finland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	31	43	41	57	59	72	62	65	40	66
	15-19	1861	2004	2139	2350	2556	3068	2762	2715	2472	2578
	20-24	2345	2717	2543	2899	2973	3296	3193	3259	3205	3456
	25-34	1399	1470	1402	1456	1451	1566	1483	1591	1553	1675
	35-44	280	337	337	331	381	349	293	320	336	364
	45+	90	106	94	99	87	113	94	99	78	105
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		6006	6677	6556	7192	7507	8464	7887	8049	7684	8244
Male	<15	14	10	9	9	9	7	7	8	8	9
	15-19	400	441	481	596	653	792	698	762	643	738
	20-24	1400	1664	1699	1932	2024	2239	2123	2276	2185	2396
	25-34	1407	1404	1408	1493	1434	1663	1627	1738	1664	1868
	35-44	319	181	198	376	381	368	206	406	404	413
	45+	105	277	309	133	134	128	315	127	132	182
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		3645	3977	4104	4539	4635	5197	4976	5317	5036	5606
Total	<15	45	53	50	66	68	79	69	73	48	75
	15-19	2261	2445	2620	2946	3209	3860	3460	3477	3115	3316
	20-24	3745	4381	4242	4831	4997	5535	5316	5535	5390	5852
	25-34	2806	2874	2810	2949	2885	3229	3110	3329	3217	3543
	35-44	599	518	535	707	762	717	499	726	740	777
	45+	195	383	403	232	221	241	409	226	210	287
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		9651	10654	10660	11731	12142	13661	12863	13366	12720	13850

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

France											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	-	-	14	-
	15-19	-	-	-	-	-	-	-	-	342	-
	20-24	-	-	-	-	-	-	-	-	792	-
	25-34	-	-	-	-	-	-	-	-	609	-
	35-44	-	-	-	-	-	-	-	-	150	-
	45+	-	-	-	-	-	-	-	-	58	-
	Unknown	-	-	-	-	-	-	-	-	-	-
Female Total		-	-	-	-	-	-	-	-	1965	-
Male	<15	-	-	-	-	-	-	-	-	4	-
	15-19	-	-	-	-	-	-	-	-	33	-
	20-24	-	-	-	-	-	-	-	-	240	-
	25-34	-	-	-	-	-	-	-	-	474	-
	35-44	-	-	-	-	-	-	-	-	219	-
	45+	-	-	-	-	-	-	-	-	96	-
	Unknown	-	-	-	-	-	-	-	-	-	-
Male Total		-	-	-	-	-	-	-	-	1066	-
Total	<15	-	-	-	-	-	-	-	-	18	-
	15-19	-	-	-	-	-	-	-	-	375	-
	20-24	-	-	-	-	-	-	-	-	1032	-
	25-34	-	-	-	-	-	-	-	-	1083	-
	35-44	-	-	-	-	-	-	-	-	369	-
	45+	-	-	-	-	-	-	-	-	154	-
	Unknown	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	3031	-

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Iceland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	10	9	8	9	10	8	6	4	6	5
	15-19	338	320	340	343	417	436	296	327	286	360
	20-24	324	305	338	404	425	498	384	377	359	348
	25-34	135	129	165	173	203	207	165	199	202	208
	35-44	17	20	23	19	46	32	14	39	25	32
	45+	0	3	7	3	8	5	5	6	4	9
	Unknown	151	145	129	146	168	139	92	67	66	62
Female Total		975	931	1010	1097	1277	1325	962	1019	948	1024
Male	<15	9	5	5	4	4	1	4	5	1	1
	15-19	94	98	94	94	121	114	87	96	81	105
	20-24	275	245	257	302	352	323	292	307	296	282
	25-34	128	133	216	189	202	215	183	191	198	196
	35-44	22	29	12	34	30	37	25	25	19	44
	45+	3	5	10	4	9	9	10	10	8	6
	Unknown	49	51	44	47	56	8	13	11	9	14
Male Total		580	566	638	674	774	707	614	645	612	648
Total	<15	19	14	15	13	15	9	10	9	7	6
	15-19	434	419	437	440	547	553	388	427	367	466
	20-24	602	555	597	711	791	828	685	691	657	630
	25-34	263	266	382	366	409	428	358	401	403	407
	35-44	40	49	35	53	77	69	40	65	45	76
	45+	3	8	17	7	17	14	15	16	12	15
	Unknown	225	238	204	229	267	187	142	127	131	129
Total		1586	1549	1687	1819	2123	2088	1638	1736	1622	1729

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Ireland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	0-19	-	-	-	-	-	-	-	-	-	-
	20-29	-	-	-	-	-	-	-	-	-	-
	30-39	-	-	-	-	-	-	-	-	-	-
	40+	-	-	-	-	-	-	-	-	-	-
	Unknown	-	-	-	-	-	-	-	-	-	-
Female Total		-	-	-	-	-	-	-	-	-	-
Male	0-19	-	-	-	-	-	-	-	-	-	-
	20-29	-	-	-	-	-	-	-	-	-	-
	30-39	-	-	-	-	-	-	-	-	-	-
	40+	-	-	-	-	-	-	-	-	-	-
	Unknown	-	-	-	-	-	-	-	-	-	-
Male Total		-	-	-	-	-	-	-	-	-	-
Total	0-19	34	52	80	116	153	151	274	395	473	434
	20-29	100	160	174	327	557	643	1564	1955	2305	2193
	30-39	17	21	34	51	102	121	307	350	459	415
	40+	4	3	7	9	30	30	63	80	101	95
	Unknown	307	410	574	840	807	977	50	23	15	7
Total		462	646	869	1343	1649	1922	2258	2803	3353	3144

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Latvia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	1	1	2	1	2	2	0	0	0	1
	15-19	164	118	62	45	30	38	28	23	41	44
	20-24	226	184	90	69	91	63	55	62	85	124
	25-34	253	212	86	66	47	54	44	62	63	80
	35-39	74	52	22	11	12	14	12	12	11	21
	40-49	101	59	24	19	9	12	9	4	13	16
	50+	56	33	10	5	3	4	2	1	0	1
	Female Total	875	659	296	216	194	187	150	164	213	287
Male	<15	3	2	2	0	0	0	0	0	0	0
	15-19	113	61	35	40	18	15	22	26	29	23
	20-24	247	198	120	148	115	125	122	104	133	145
	25-34	301	271	187	169	167	181	146	165	221	251
	35-39	78	60	32	30	45	37	33	30	59	55
	40-49	99	83	37	34	39	28	21	32	58	47
	50+	64	33	16	10	11	9	8	7	16	12
	Male Total	905	708	429	431	395	395	352	364	516	533
Total	<15	4	3	4	1	2	2	0	0	0	1
	15-19	277	179	97	85	48	53	50	49	70	67
	20-24	473	382	210	217	206	188	177	166	218	269
	25-34	554	483	273	235	214	235	190	227	284	331
	35-39	152	112	54	41	57	51	45	42	70	76
	40-49	200	142	61	53	48	40	30	36	71	63
	50+	120	66	26	15	14	13	10	8	16	13
	Total	1780	1367	725	647	589	582	502	528	729	820

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Netherlands											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	4	2	6	4
	15-19	-	-	-	-	-	-	353	448	535	729
	20-24	-	-	-	-	-	-	758	952	1205	1703
	25-34	-	-	-	-	-	-	414	526	570	850
	35-44	-	-	-	-	-	-	106	110	103	162
	45+	-	-	-	-	-	-	33	24	31	70
	Unknown	-	-	-	-	-	-	2	1	0	0
Female Total		-	-	-	-	-	-	1670	2063	2450	3518
Male	<15	-	-	-	-	-	-	2	1	1	0
	15-19	-	-	-	-	-	-	101	113	143	178
	20-24	-	-	-	-	-	-	518	647	754	1135
	25-34	-	-	-	-	-	-	832	930	1059	1276
	35-44	-	-	-	-	-	-	474	499	516	663
	45+	-	-	-	-	-	-	141	206	223	315
	Unknown	-	-	-	-	-	-	2	0	0	0
Male Total		-	-	-	-	-	-	2071	2395	2696	3567
Total	<15	-	-	-	-	-	-	6	3	7	4
	15-19	-	-	-	-	-	-	454	561	678	907
	20-24	-	-	-	-	-	-	1276	1599	1959	2838
	25-34	-	-	-	-	-	-	1246	1456	1629	2126
	35-44	-	-	-	-	-	-	580	609	619	825
	45+	-	-	-	-	-	-	174	230	254	385
	Unknown	-	-	-	-	-	-	4	1	0	0
Total		-	-	-	-	-	-	3741	4458	5146	7085

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Norway											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	-	-	34	40
	15-19	-	-	-	-	-	-	-	-	3615	4463
	20-24	-	-	-	-	-	-	-	-	4621	5040
	25-34	-	-	-	-	-	-	-	-	2685	2793
	35-44	-	-	-	-	-	-	-	-	474	512
	45+	-	-	-	-	-	-	-	-	122	84
	Unknown	-	-	-	-	-	-	-	-	657	0
Female Total		-	-	-	-	-	-	-	-	12209	12932
Male	<15	-	-	-	-	-	-	-	-	3	1
	15-19	-	-	-	-	-	-	-	-	808	1120
	20-24	-	-	-	-	-	-	-	-	2906	3303
	25-34	-	-	-	-	-	-	-	-	2593	2831
	35-44	-	-	-	-	-	-	-	-	620	700
	45+	-	-	-	-	-	-	-	-	221	226
	Unknown	-	-	-	-	-	-	-	-	407	0
Male Total		-	-	-	-	-	-	-	-	7556	8181
Total	<15	-	-	-	-	-	-	-	-	41	41
	15-19	-	-	-	-	-	-	-	-	4476	5638
	20-24	-	-	-	-	-	-	-	-	7527	8398
	25-34	-	-	-	-	-	-	-	-	5278	5654
	35-44	-	-	-	-	-	-	-	-	1094	1218
	45+	-	-	-	-	-	-	-	-	343	310
	Unknown	-	-	-	-	-	-	-	-	1064	0
Total		-	-	-	-	-	-	-	-	19963	21259

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Portugal											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	-	-	-	0	0	0	0	0	0	0
	16-19	-	-	-	5	4	2	7	4	6	7
	20-24	-	-	-	12	17	14	14	8	22	19
	25-34	-	-	-	14	7	12	11	17	26	16
	35-44	-	-	-	7	6	7	3	2	11	8
	45+	-	-	-	4	3	3	3	3	4	2
	Unknown	-	-	-	0	0	0	0	0	0	0
Female Total		-	-	-	42	37	38	38	34	69	52
Male	<16	-	-	-	0	0	0	0	0	0	0
	16-19	-	-	-	0	1	0	2	2	5	2
	20-24	-	-	-	8	14	10	12	6	21	13
	25-34	-	-	-	8	17	10	20	27	36	25
	35-44	-	-	-	4	14	5	4	4	9	12
	45+	-	-	-	5	1	2	2	3	9	6
	Unknown	-	-	-	0	0	0	0	0	0	0
Male Total		-	-	-	25	47	27	40	42	80	58
Total	<16	-	-	-	0	0	0	0	0	0	0
	16-19	-	-	-	5	5	2	9	6	11	9
	20-24	-	-	-	20	31	24	26	14	43	32
	25-34	-	-	-	22	24	22	31	44	62	41
	35-44	-	-	-	11	20	12	7	6	20	20
	45+	-	-	-	9	4	5	5	6	13	8
	Unknown	-	-	-	0	0	0	0	1	0	0
Total		-	-	-	67	84	65	78	77	149	110

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Slovenia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	-	-	-	-	0	1	9	1	1	0
	16-19	-	-	-	-	11	12	4	8	4	1
	20-24	-	-	-	-	39	35	37	31	50	21
	25-34	-	-	-	-	34	58	57	39	57	28
	35-44	-	-	-	-	15	16	15	9	10	3
	45+	-	-	-	-	5	6	5	2	5	0
	Unknown	-	-	-	-	15	1	1	0	1	0
Female Total		-	-	-	-	119	129	128	90	128	53
Male	<16	-	-	-	-	1	1	0	1	1	0
	16-19	-	-	-	-	3	4	2	3	2	2
	20-24	-	-	-	-	16	22	18	21	18	17
	25-34	-	-	-	-	26	40	51	42	59	54
	35-44	-	-	-	-	9	16	15	16	17	11
	45+	-	-	-	-	8	6	5	3	4	4
	Unknown	-	-	-	-	9	1	3	0	0	0
Male Total		-	-	-	-	72	90	94	86	101	88
Total	<16	-	-	-	-	1	2	9	2	2	0
	16-19	-	-	-	-	14	16	6	11	6	3
	20-24	-	-	-	-	55	57	55	52	68	38
	25-34	-	-	-	-	60	98	108	81	116	82
	35-44	-	-	-	-	24	32	30	25	27	14
	45+	-	-	-	-	13	12	10	5	9	4
	Unknown	-	-	-	-	24	2	4	0	1	0
Total		-	-	-	-	191	219	222	176	229	141

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

Sweden											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	175	163	164	208	276	303	619	834	800	608
	16-19	2331	2599	2788	3068	3712	4215	5438	6807	7008	6597
	20-24	3509	3841	4098	4725	5358	5810	5585	6608	6905	6947
	25-34	1876	1974	2254	2604	2762	3086	3018	3233	3292	3438
	35-44	275	267	294	364	441	518	524	582	673	683
	45+	53	79	84	78	104	118	119	157	149	163
	Unknown	0	1	0	0	0	0	0	2	0	0
Female Total		8219	8924	9682	11047	12653	14050	15303	18223	18827	18436
Male	<16	36	24	33	33	27	33	67	87	123	104
	16-19	718	777	860	927	1155	1342	1872	2663	2687	2404
	20-24	2373	2611	2893	3410	4140	4481	5017	5969	6122	5911
	25-34	2060	2312	2625	3165	3452	3812	3611	4267	4241	4443
	35-44	381	413	460	533	639	745	739	814	877	907
	45+	116	128	148	149	195	209	181	228	250	311
	Unknown	0	0	0	0	0	0	0	2	0	0
Male Total		5684	6265	7019	8217	9608	10622	11487	14030	14300	14080
Total	<16	211	187	197	241	303	336	686	921	923	712
	16-19	3049	3376	3648	3995	4867	5557	7310	9470	9695	9003
	20-24	5882	6452	6991	8135	9498	10291	10602	12577	13027	12858
	25-34	3936	4286	4879	5769	6214	6898	6629	7500	7533	7881
	35-44	656	680	754	897	1080	1263	1263	1396	1550	1590
	45+	169	207	232	227	299	327	300	385	399	474
	Unknown	0	1	0	0	0	0	0	4	0	0
Total		13903	15189	16701	19264	22261	24672	26790	32253	33127	32518

Table 2.4: Chlamydia cases by gender and age group: 1997-2006

United Kingdom											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	143	146	181	197	239	255	294	306	320	346
	15-19	8358	9604	11473	13456	15054	17427	19571	21117	21823	21681
	20-24	8862	9889	11643	14228	16035	18666	20234	21608	22171	22059
	25-34	6014	6520	7326	8356	9423	9875	10231	10392	10480	10817
	35-44	1053	1224	1365	1729	1966	2163	2157	2143	2157	2109
	45+	241	238	278	327	398	412	468	528	527	535
	Unknown	87	41	290	221	38	120	10	13	29	30
Female Total		24758	27662	32556	38514	43153	48918	52965	56107	57507	57577
Male	<15	18	18	25	19	25	27	34	32	34	40
	15-19	2022	2607	3220	4066	4622	5739	6678	7704	8315	9006
	20-24	5883	6832	8217	10388	12159	14664	17203	19811	21196	22643
	25-34	7739	8669	9477	11092	11960	13016	13743	15219	16148	17449
	35-44	1812	2291	2580	3245	3639	4031	4332	4496	4683	5140
	45+	425	624	704	844	933	1070	1140	1331	1527	1720
	Unknown	11	23	212	164	24	127	56	33	8	10
Male Total		17910	21064	24435	29818	33362	38674	43186	48626	51911	56008
Total	<15	161	164	206	216	264	282	328	338	354	386
	15-19	10380	12211	14693	17522	19676	23166	26249	28821	30138	30687
	20-24	14745	16721	19860	24616	28194	33330	37437	41422	43367	44702
	25-34	13753	15189	16803	19448	21383	22891	23974	25611	26628	28266
	35-44	2865	3515	3945	4974	5605	6194	6489	6639	6840	7249
	45+	666	862	982	1171	1331	1482	1608	1859	2054	2255
	Unknown	98	64	502	385	62	247	66	46	37	40
Total		42668	48726	56991	68332	76515	87592	96151	104733	109418	113585

3. Gonorrhoea

- The number of reported cases of gonorrhoea is increasing in many Western European countries. In countries of Central and Eastern Europe which are included in this analysis the number of cases has decreased in the past ten years.
- Gonorrhoea is more commonly reported in men with 72% of all reported cases in Europe during 2006 occurring in men.
- Gonorrhoea occurs predominantly in men aged 25 years and above. Infected women are more likely to be younger.
- The proportion of reported gonorrhoea cases that are homosexually acquired has increased over the last ten years.

3.1 Source of data

Gonorrhoea surveillance data was available from 23 countries in total (Table 3.1). All data is from mandatory universal case reporting surveillance systems apart from data provided by Belgium and France which are taken from sentinel laboratory surveillance systems and the Netherlands which is a sentinel case surveillance system.

Table 3.1 Type and period of gonorrhoea surveillance data available

Country	Surveillance System	Years available*
Austria	Universal Case	1997-2006
Belgium	Sentinel Laboratory	1997-2006
Cyprus	Universal Case	1997-2006
Czech Republic	Universal Case	1997-2006
Denmark	Combined Universal Laboratory and Case	1997-2006
Estonia	Universal Case	1997-2006
Finland	Universal Case	1997-2006
France	Sentinel Laboratory	1997-2006
Germany	Not reportable	
Greece	Universal Case ¹	1997-2006
Iceland	Universal Case	1997-2006
Ireland	Universal Case	1997-2006
Italy	Universal Case	1997-2006
Latvia	Universal Case	1997-2006
Malta	Universal Case	2004-2006
Netherlands	Sentinel Case	2003-2006
Norway	Universal Case	1997-2006
Poland		
Portugal	Universal Case	1997-2006
Slovakia	Universal Case	1997-2006
Slovenia	Universal Case	1997-2006
Spain	Universal Case	1997-2006
Sweden	Universal Case	1997-2006
Turkey	Universal Case	1997-2006
United Kingdom	Universal Case ¹	1997-2006

*Not all variables necessarily available for each country and year

¹Data from genitourinary medicine (GUM) clinics only

There are major variations in the coverage, completeness and representativeness of these systems and so direct comparisons of absolute numbers and rates may be misleading since the proportion of diagnosed cases actually reported differs substantially.

3.2 Burden and Trends:

The rate of reported diagnoses of gonorrhoea across Europe in 2005 varied from 0.5 cases per 100 000 population (Italy and Portugal) to 32.4 cases per 100 000 population (Latvia). In the past year trends have varied across Europe with eleven countries (Austria Belgium, Czech Republic, France, Iceland, Ireland, Latvia, Malta, Netherlands, Portugal, and Spain) seeing an increase in the number of reported cases. The greatest increase was seen in Iceland where there was a 63% increase in the number of cases (19 cases in 2005 to 31 cases in 2006). A fall in the number of cases ranging from 1% in the UK (19,248 cases to 19,007 cases) to 50% in Cyprus (16 cases to 8 cases) was seen in the twelve other reporting countries. See Table 3.1 for all figures.

Over the past decade the levels of gonorrhoea infection has varied across Europe with all Central and Eastern European countries included in this report experiencing a decrease in the rate of reported cases (Figure 3.1). Italy, Portugal and Spain have also seen a fall in the number of reported gonorrhoea cases in the same period. The other countries in Western Europe have all seen an overall increase in the rate of reported gonorrhoea cases in the past ten years (Figure 3.2).

Figure 3.1: Rate of reported gonorrhoea cases per 100 000 population in Central Europe: 1997-2006

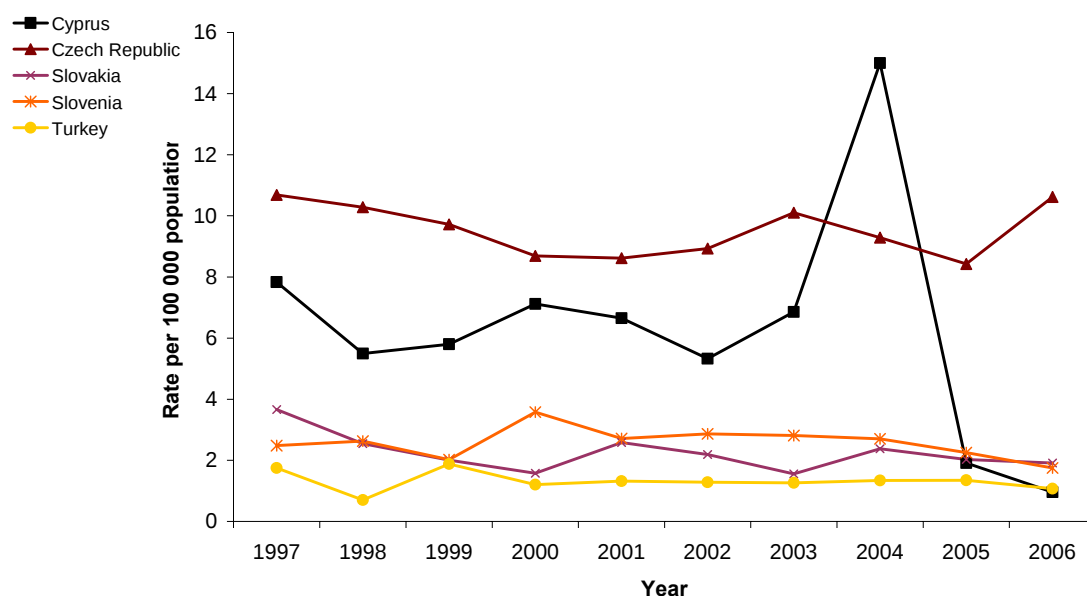
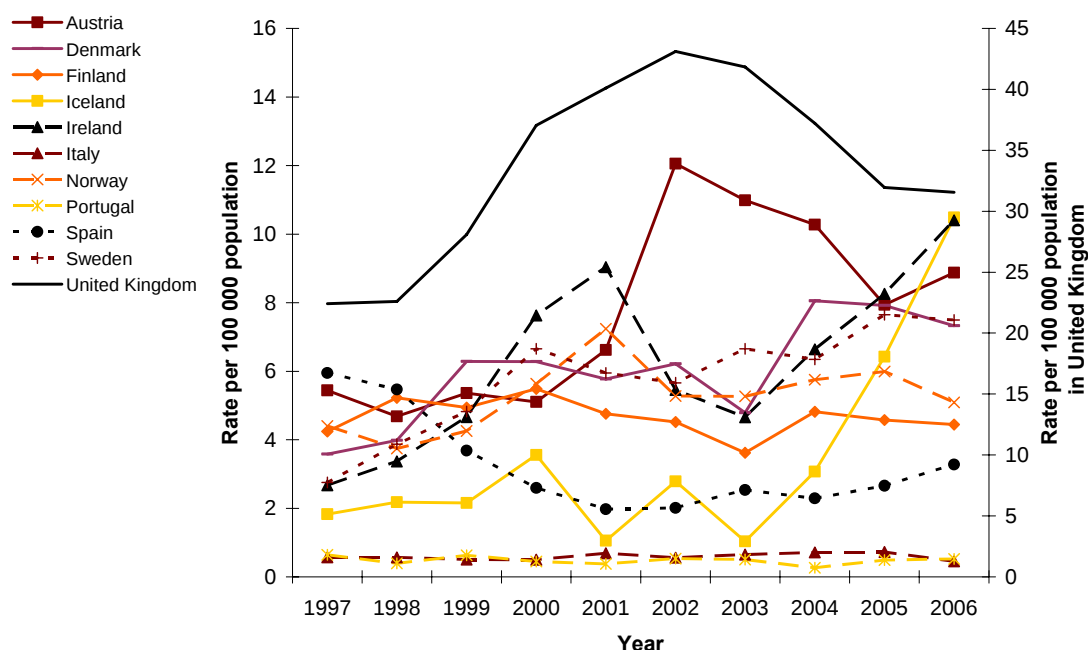
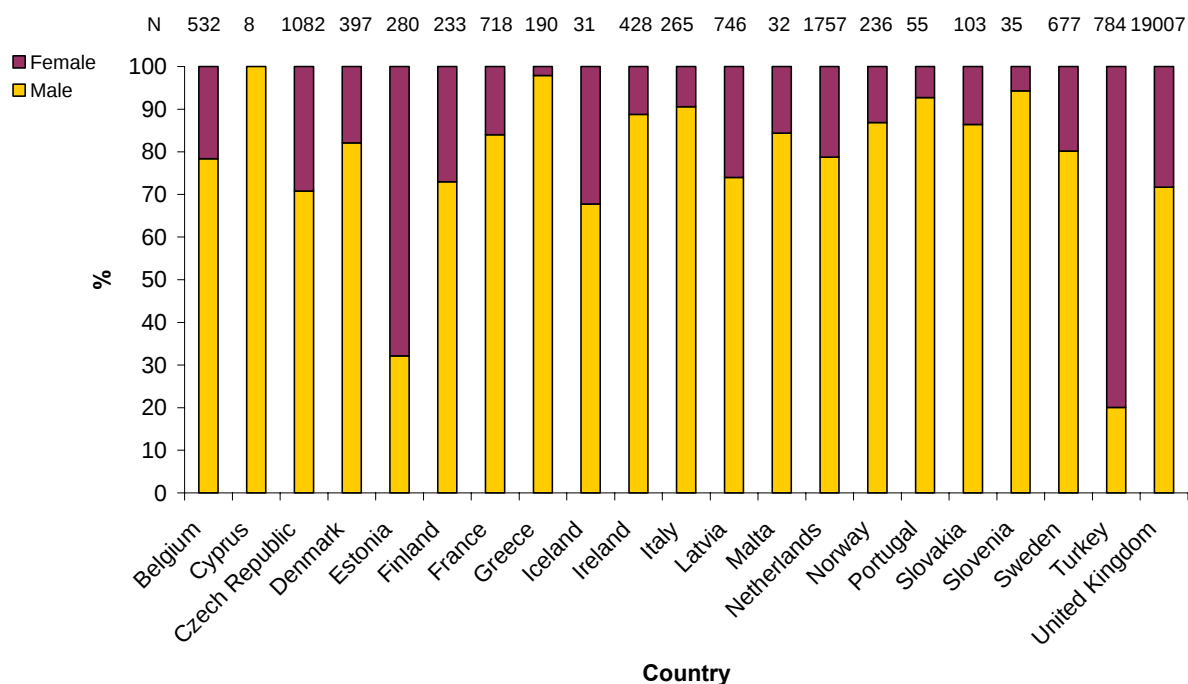


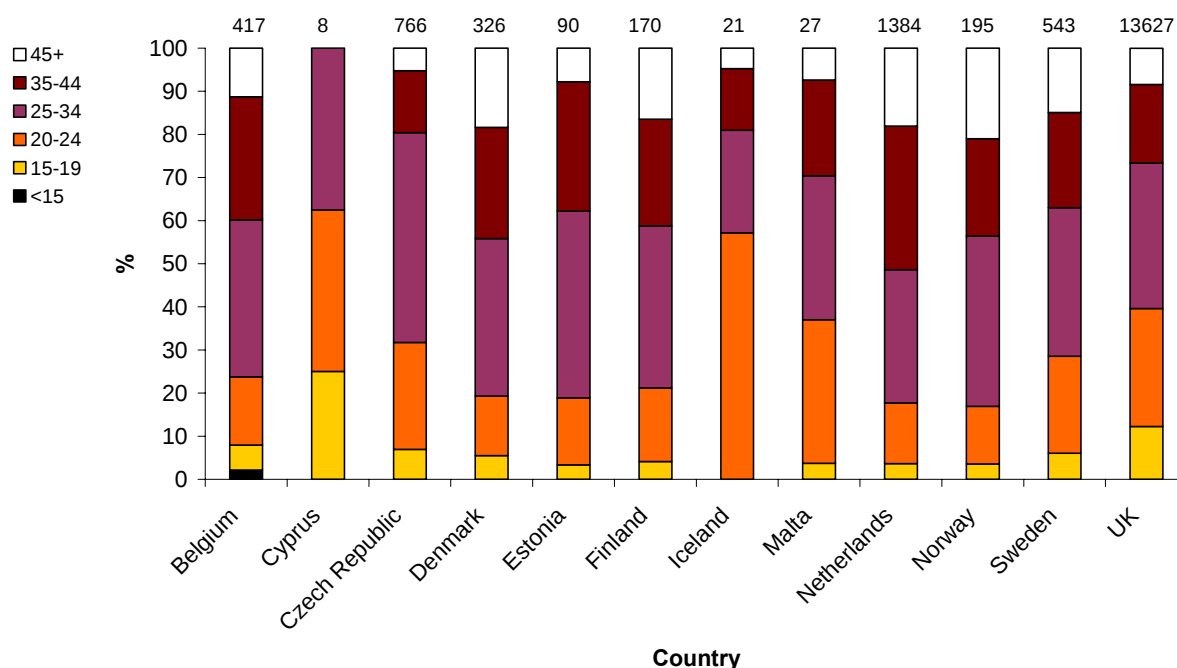
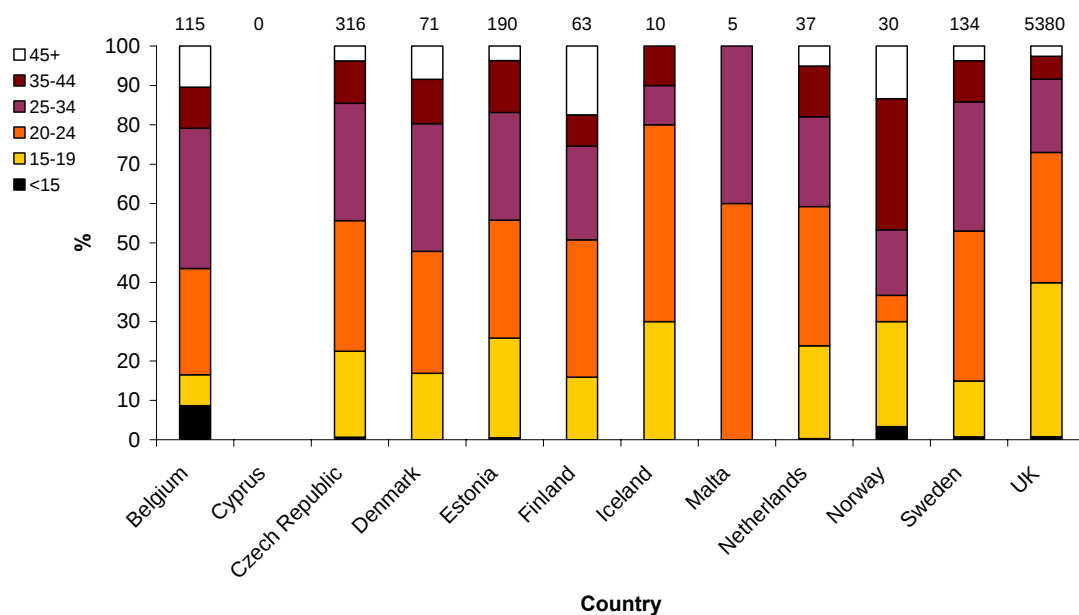
Figure 3.2: Rate of reported gonorrhoea cases per 100 000 population in Western Europe: 1997-2006

3.3 Age and gender distribution:

Gonorrhoea was reported more often in men than women. In 2006 72% of all reported cases were diagnosed in men. This ranged from 20% of cases in Turkey to all of the cases reported in Cyprus (see Figure 3.3).

Figure 3.3: Percentage of reported gonorrhoea cases by reporting country and gender: 2006

Over half of all reported cases of gonorrhoea in 2006 were diagnosed in people aged over 25 years of age ranging from 35% of cases in the Iceland to 80% in Norway. The 25-34 years age group had the highest percentage of cases in 10/12 European countries where data are available in those age groupings. A higher percentage of cases were diagnosed in men aged over 25 (64%) compared with women where a higher percentage of cases were diagnosed in women under 25 years of age (69% of cases) (Figures 3.4a and 3.4b).

Figure 3.4a Percentage of reported gonorrhoea cases in men by country and age group: 2006**Figure 3.4b Percentage of reported gonorrhoea cases in women by country and age group: 2006**

3.4 Route of Transmission:

Ten countries were able to provide data on whether the infection was acquired homosexually; Belgium, Cyprus, Czech Republic, Denmark, Greece, Netherlands, Norway, Slovenia, Sweden and the United Kingdom. The data provided by Belgium is from their sentinel surveillance system. Cyprus only started collecting this information in 2005 and all cases reported to date were reportedly heterosexually acquired. In 2006 the proportion of gonorrhoea cases acquired homosexually ranged from 24% in the Czech Republic to 80% in Belgium (Figure 3.5). The number of cases of gonorrhoea in men acquired homosexually

has increased in the Czech Republic (+52%), Belgium (+38%), Netherlands (+17%), Slovenia (+50%) and the UK (+3%) in the past year but a decline in the number of homosexually acquired cases has been seen in Denmark (-28%), Greece (-10%), Norway (-19%) and Sweden (-38%).

In the ten year period since 1997 there has been an increase in the number of cases acquired homosexually in all six countries where this data is available. The proportion of cases in men which are homosexually acquired has similarly increased during the same period except in Denmark where 43% of cases were homosexually acquired in 2006 compared to 52% in 1997 (Figure 3.6).

Figure 3.5: Percentage of reported gonorrhoea cases in men by sexual transmission route: 2006

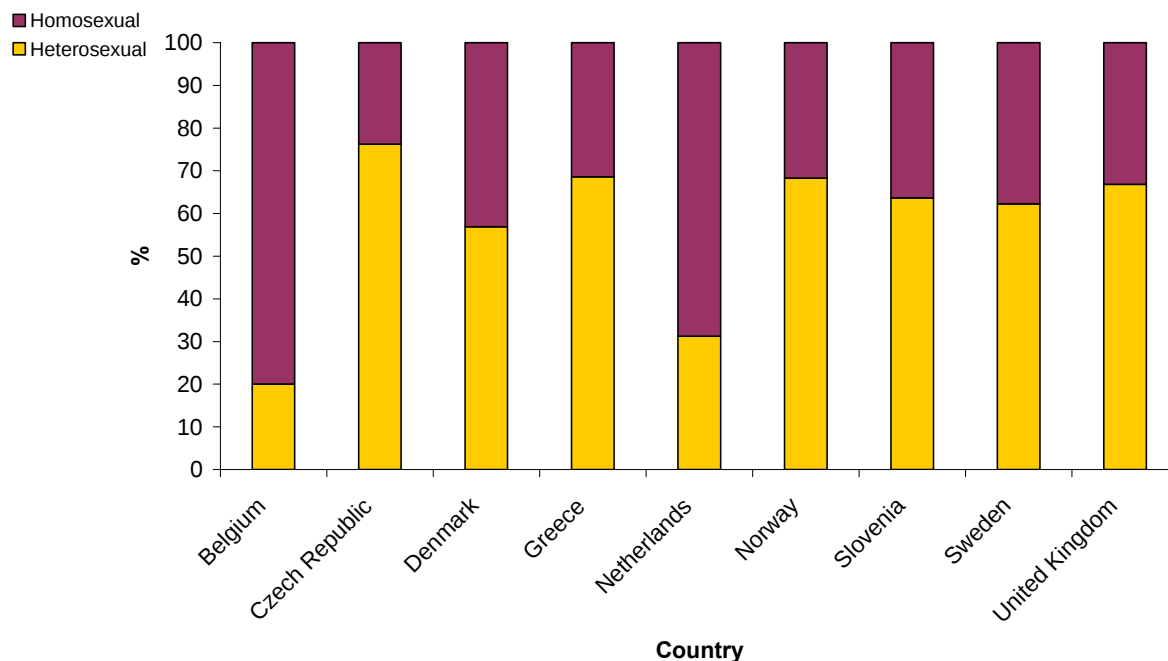


Figure 3.6: Percentage of reported gonorrhoea cases in men homosexually acquired: 1997-2006

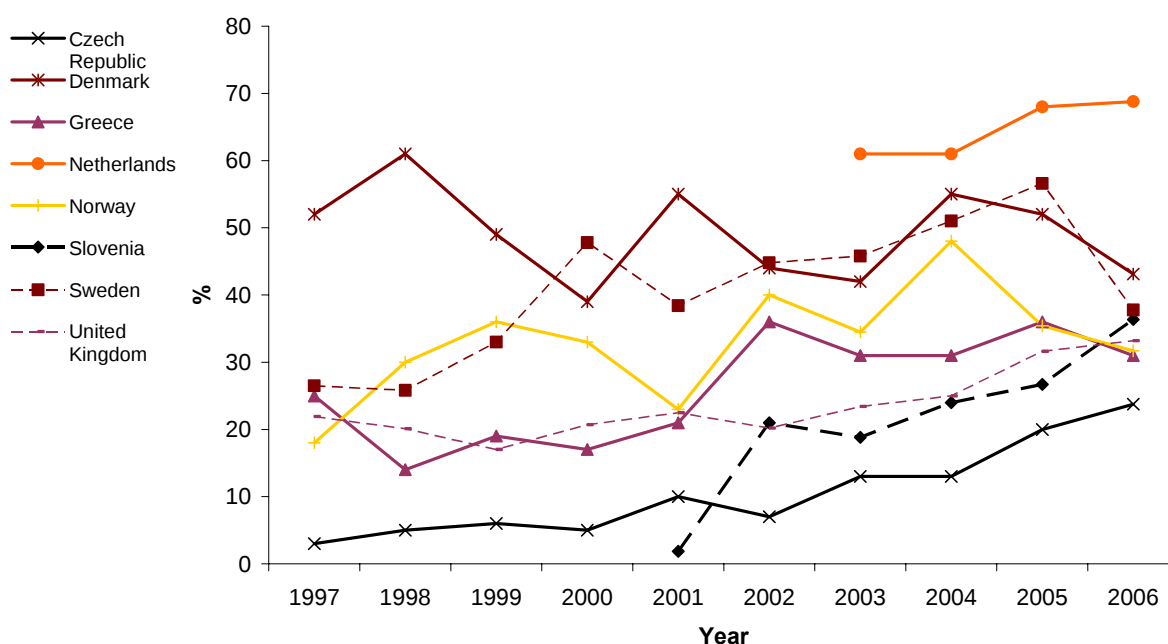


Table 3.2: Total number of gonorrhoea cases by country: 1997-2006

Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	% change 2005- 2006	% change 1997- 2006
Austria	440	379	434	414	539	985	902	848	658	736	12	67
Belgium	117	166	178	145	241	289	304	321	441	535	21	357
Cyprus	59	42	45	56	53	43	56	116	16	8	-50	-86
Czech Republic	1098	1055	995	888	880	911	1030	947	859	1082	26	-1
Denmark	189	211	334	335	309	334	258	435	429	397	-7	110
Estonia	1969	1577	1146	867	683	537	455	484	288	280	-3	-86
Finland	218	269	255	284	247	235	189	252	240	233	-3	7
France	-	-	-	-	-	-	-	530	631	718	14	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Greece	91	147	124	98	177	144	119	177	197	190	-4	109
Iceland	5	6	6	10	3	8	3	9	19	31	63	520
Ireland	98	125	175	290	349	214	186	270	342	431	26	340
Italy	327	329	291	291	399	327	379	418	427	266	-38	-19
Latvia	1690	1237	1101	745	551	555	481	537	694	746	7	-56
Malta	-	-	-	-	-	-	-	19	23	32	39	-
Netherlands	-	-	-	-	-	-	1398	1531	1495	1757	18	-
Norway	194	166	190	253	327	240	241	265	278	236	-15	22
Poland												
Portugal	65	40	64	46	39	55	53	28	52	55	6	-15
Slovakia	197	137	108	85	139	118	84	128	109	103	-6	-48
Slovenia	49	52	40	71	54	57	56	54	45	35	-22	-29
Spain	2352	2169	1469	1045	805	833	1069	980	1155	1423	23	-39
Sweden	244	343	427	590	529	505	596	571	691	677	-2	177
Turkey	1136	462	1264	821	912	898	900	965	986	784	-20	-31
UK	13063	13212	16470	21800	23705	25599	24965	22321	19248	19007	-1	46

Table 3.3: Gonorrhoea cases by country* and gender: 1997-2006

Country	1997		1998		1999		2000		2001		2002		2003		2004		2005		2006	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Belgium	72	44	118	48	119	57	118	25	200	34	217	70	245	57	262	55	362	77	417	115
Cyprus	50	9	37	5	36	9	45	11	47	6	36	7	50	6	101	15	13	3	8	0
Czech Republic	708	390	608	447	680	315	603	285	627	253	634	277	686	344	609	338	598	261	766	316
Denmark	154	35	187	24	291	43	291	44	259	50	279	55	227	31	383	52	377	52	326	71
Estonia	921	1048	926	651	694	452	528	339	371	312	283	254	235	220	221	263	114	174	90	190
Finland	151	67	202	67	188	67	220	64	201	46	182	53	160	29	201	51	196	44	170	63
France	-	-	-	-	-	-	-	-	-	-	-	-	-	-	481	49	556	75	603	115
Greece	61	2	117	5	114	2	93	5	169	8	140	4	115	4	174	3	192	5	186	4
Iceland	3	2	4	2	3	3	5	5	1	2	5	1	1	0	3	6	14	5	21	10
Ireland	85	13	95	30	135	40	228	62	265	82	90	122	146	38	234	30	303	32	380	48
Italy	294	25	301	26	277	13	272	13	380	12	311	13	355	17	379	35	399	23	240	25
Latvia	1091	599	880	357	777	324	520	225	400	151	402	153	368	113	415	122	522	172	552	194
Malta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	2	17	6	27	5
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-	1140	258	1225	306	1201	294	1384	373
Norway	164	30	142	24	167	23	217	36	258	69	209	31	206	35	228	37	226	52	205	31
Portugal	51	14	36	4	45	19	38	8	30	9	42	13	44	9	19	9	48	4	51	4
Slovakia	140	57	108	29	85	23	60	25	92	47	103	15	67	17	98	30	83	26	89	14
Slovenia	41	8	46	6	35	5	59	12	46	8	52	5	48	8	46	8	30	15	33	2
Sweden	196	48	283	60	364	63	510	80	443	86	413	92	480	116	490	81	580	111	543	134
Turkey	0	1136	0	462	0	1264	0	821	0	912	0	898	0	900	0	965	232	754	157	627
UK	8933	4130	8930	4282	11326	5144	15234	6566	16626	7079	17871	7728	17403	7562	15674	6647	13876	5372	13627	5380

*Countries with no data by gender are excluded from table

Table 3.4: Gonorrhoea cases in men by country and sexual transmission: 1997-2006

	1997		1998		1999		2000		2001	
Country	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired
Belgium*	-	-	-	-	-	-	-	-	-	-
Cyprus	-	-	-	-	-	-	-	-	-	-
Czech Republic	708	20	608	31	680	41	603	32	627	63
Denmark**	65	34	95	58	131	64	136	53	107	59
Greece	61	15	115	22	112	21	88	15	155	33
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	164	30	142	42	167	60	217	72	258	60
Slovenia	-	-	-	-	-	-	-	-	46	1
Sweden	196	52	283	73	364	121	510	244	443	170
UK	8933	1954	8930	1799	11326	1966	15234	3149	16626	3741

	2002		2003		2004		2005		2006	
Country	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired
Belgium*	-	-	-	-	-	-	37	29	50	40
Cyprus	-	-	-	-	-	-	13	0	8	0
Czech Republic	634	47	686	89	609	77	598	120	766	182
Denmark**	190	83	166	69	363	200	391	204	341	147
Greece	127	46	105	33	151	47	168	60	172	54
Netherlands	-	-	1140	697	1225	752	1201	814	1384	952
Norway	209	83	206	71	228	109	226	80	205	65
Slovenia	52	11	48	9	46	11	30	8	33	12
Sweden	413	185	480	220	490	250	580	328	543	205
UK	17871	3618	17403	4077	15674	3994	13876	4386	13627	4524

*Data on sexual transmission taken from sentinel network of physicians (not laboratory reporting)

**Data on sexual transmission taken from epidemiology case surveillance (not laboratory reporting)

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Belgium											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	4	1	1	0	1	2	0	0	3	10
	15-19	2	4	5	0	2	4	5	5	3	9
	20-24	9	10	19	5	6	13	18	16	21	31
	25-34	13	18	15	8	16	28	14	17	25	41
	35-44	12	10	8	8	2	14	9	13	15	12
	45+	3	4	7	4	6	8	10	4	7	12
	Unknown	1	1	2	0	1	1	1	0	3	0
Female Total		44	48	57	25	34	70	57	55	77	115
Male	<15	0	4	0	1	1	2	1	0	3	9
	15-19	4	6	4	4	6	6	8	16	19	24
	20-24	9	10	21	13	36	28	29	50	65	66
	25-34	37	49	47	52	65	99	111	101	123	152
	35-44	15	30	30	37	65	53	69	70	98	119
	45+	6	15	14	9	24	28	27	23	47	47
	Unknown	1	4	3	2	3	1	0	2	7	0
Male Total		72	118	119	118	200	217	245	262	362	417
Total	<15	4	5	1	1	2	4	1	0	6	19
	15-19	6	10	10	4	8	10	13	22	23	34
	20-24	18	20	40	18	43	41	47	66	86	98
	25-34	50	67	62	61	82	127	125	118	149	194
	35-44	27	40	38	46	71	67	78	83	113	131
	45+	9	19	21	13	31	36	37	27	54	59
	Unknown	2	5	5	2	4	4	1	5	10	0
Total		117	166	178	145	241	289	304	321	441	535

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Cyprus											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	3	0	1	2	0	1	0	0	0	0
	20-24	2	1	4	0	2	1	4	3	0	0
	25-34	4	3	2	4	2	3	2	5	0	0
	35-44	0	1	1	4	1	2	0	5	0	0
	45+	0	0	1	1	1	0	0	2	3	0
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		9	5	9	11	6	7	6	15	3	0
Male	<15	0	0	0	0	0	0	0	0	0	0
	15-19	3	2	4	1	11	2	0	3	0	2
	20-24	9	8	7	9	6	8	9	4	1	3
	25-34	19	16	13	19	20	8	17	35	5	3
	35-44	9	10	10	14	6	10	15	29	3	0
	45+	10	2	2	5	4	5	9	29	4	0
	Unknown	0	0	0	0	0	3	0	1	0	0
Male Total		50	37	36	45	47	36	50	101	13	8
Total	<15	0	0	0	0	0	0	0	0	0	0
	15-19	6	2	5	3	11	3	0	3	0	2
	20-24	11	9	11	9	8	9	13	7	1	3
	25-34	23	19	15	23	22	11	19	40	5	3
	35-44	9	11	11	18	7	12	15	34	3	0
	45+	10	2	3	6	5	5	9	31	7	0
	Unknown	0	0	0	0	0	3	0	1	0	0
Total		59	42	45	56	53	43	56	116	16	8

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Czech Republic											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	5	7	0	5	6	1	3	2	1	2
	15-19	117	107	87	74	75	80	82	69	48	69
	20-24	147	157	124	115	83	98	124	131	105	105
	25-34	88	116	69	68	66	76	95	109	84	94
	35-44	29	41	25	14	21	15	32	18	14	34
	45+	4	19	10	9	2	7	8	9	9	12
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		390	447	315	285	253	277	344	338	261	316
Male	<15	1	3	0	2	1	3	1	2	1	0
	15-19	117	93	85	58	50	55	62	46	53	53
	20-24	264	208	247	216	206	203	203	174	162	190
	25-34	233	218	268	245	261	250	302	273	285	373
	35-44	74	55	55	59	78	84	80	88	65	110
	45+	19	31	25	23	31	39	38	26	32	40
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		708	608	680	603	627	634	686	609	598	766
Total	<15	6	10	0	7	7	4	4	4	2	2
	15-19	234	200	172	132	125	135	144	115	101	122
	20-24	411	365	371	331	289	301	327	305	267	295
	25-34	321	334	337	313	327	326	397	382	369	467
	35-44	103	96	80	73	99	99	112	106	79	144
	45+	23	50	35	32	33	46	46	35	41	52
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		1098	1055	995	888	880	911	1030	947	859	1082

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Denmark											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	-	-	2	-	-	2	1	1	1	0
	16-19	4	4	3	4	12	6	4	12	7	12
	20-24	12	7	7	9	15	16	7	9	17	22
	25-34	11	5	14	18	12	21	9	18	15	23
	35-44	3	5	10	10	7	5	5	9	9	8
	45+	4	3	7	3	4	5	5	3	3	6
	Unknown	1	-	-	-	-	-	-	-	-	-
Female Total		35	24	43	44	50	55	31	52	52	71
Male	<16	-	1	-	2	-	-	-	2	2	2
	16-19	7	2	12	7	9	14	6	20	17	16
	20-24	29	33	45	49	51	38	39	75	56	45
	25-34	75	87	125	146	109	118	82	158	142	119
	35-44	27	47	74	54	54	69	62	91	105	84
	45+	16	17	35	33	36	40	38	37	55	60
	Unknown	-	-	-	-	-	-	-	-	-	-
Male Total		154	187	291	291	259	279	227	383	377	326
Total	<16	-	1	2	2	-	2	1	3	3	2
	16-19	11	6	15	11	21	20	10	32	24	28
	20-24	41	40	52	58	66	54	46	84	73	67
	25-34	86	92	139	164	121	139	91	176	157	142
	35-44	30	52	84	64	61	74	67	100	114	92
	45+	20	20	42	36	40	45	43	40	58	66
	Unknown	1	-	-	-	-	-	-	-	-	-
Total		189	211	334	335	309	334	258	435	429	397

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Estonia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-							2	1
	15-19	-	-	84	53	51	43	51	56	36	48
	20-24	-	-	139	96	94	81	73	84	39	57
	25-34	-	-	160	124	100	84	72	88	69	52
	35-44	-	-	41	51	45	34	14	29	16	25
	45+	-	-	26	15	22	12	10	6	9	7
	Unknown	-	-	0	0	0	0	0	0	3	0
Female Total		-	-	450	339	312	254	220	263	174	190
Male	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	84	49	27	23	14	13	5	3
	20-24	-	-	200	171	130	94	63	60	26	14
	25-34	-	-	288	207	148	117	104	104	45	39
	35-44	-	-	84	68	43	34	37	27	22	27
	45+	-	-	38	15	23	15	17	17	16	7
	Unknown	-	-	0	0	0	0	0	0	0	0
Male Total		-	-	694	528	371	283	235	221	114	90
Total	<15	-	-	0	0	0	0	0	0	2	1
	15-19	-	-	168	102	78	66	65	69	41	51
	20-24	-	-	339	267	224	175	136	144	65	71
	25-34	-	-	448	331	248	201	176	192	114	91
	35-44	-	-	125	119	88	68	51	56	38	52
	45+	-	-	64	30	45	27	27	23	25	14
	Unknown	-	-	0	0	0	0	0	0	3	0
Total		-	-	1144	849	683	537	455	484	288	280

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Finland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	1	1	0	0	0	0	0	2	0	0
	15-19	12	15	9	3	11	7	5	10	6	10
	20-24	12	22	26	16	9	16	8	15	13	22
	25-34	27	15	22	24	16	16	7	9	12	15
	35-44	11	11	5	16	4	13	7	8	5	5
	45+	4	3	5	5	6	1	2	7	8	11
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		67	67	67	64	46	53	29	51	44	63
Male	<15	0	0	1	0	0	1	0	0	0	0
	15-19	7	6	7	4	5	7	5	17	4	7
	20-24	22	33	29	31	32	22	29	41	39	29
	25-34	60	67	71	90	76	60	53	67	60	64
	35-44	27	55	45	58	54	55	45	44	55	42
	45+	35	42	35	37	34	37	28	32	38	28
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		151	202	188	220	201	182	160	201	196	170
Total	<15	1	1	1	0	0	1	0	2	0	0
	15-19	19	21	16	7	16	14	10	27	10	17
	20-24	34	55	55	47	41	38	37	56	52	51
	25-34	87	82	93	114	92	76	60	76	72	79
	35-44	38	66	50	74	58	68	52	52	60	47
	45+	39	45	40	42	40	38	30	39	46	39
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		218	269	255	284	247	235	189	252	240	233

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

France											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	-	2	1	
	15-19	-	-	-	-	-	-	-	5	13	
	20-24	-	-	-	-	-	-	-	16	22	
	25-34	-	-	-	-	-	-	-	14	21	
	35-44	-	-	-	-	-	-	-	6	8	
	45+	-	-	-	-	-	-	-	6	10	
	Unknown	-	-	-	-	-	-	-	-	-	
Female Total		-	-	-	-	-	-	-	49	75	
Male	<15	-	-	-	-	-	-	-	1	1	
	15-19	-	-	-	-	-	-	-	12	40	
	20-24	-	-	-	-	-	-	-	96	120	
	25-34	-	-	-	-	-	-	-	204	213	
	35-44	-	-	-	-	-	-	-	108	129	
	45+	-	-	-	-	-	-	-	60	53	
	Unknown	-	-	-	-	-	-	-	-	-	
Male Total		-	-	-	-	-	-	-	481	556	
Total	<15	-	-	-	-	-	-	-	3	2	
	15-19	-	-	-	-	-	-	-	17	53	
	20-24	-	-	-	-	-	-	-	112	142	
	25-34	-	-	-	-	-	-	-	218	234	
	35-44	-	-	-	-	-	-	-	114	137	
	45+	-	-	-	-	-	-	-	66	63	
	Unknown	-	-	-	-	-	-	-	-	-	
Total		-	-	-	-	-	-	-	530	631	

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Iceland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	1	1	1	4	0	0	0	1	0	3
	20-24	0	0	0	0	0	0	0	1	1	5
	25-34	1	1	0	0	0	0	0	3	3	1
	35-44	0	0	0	0	0	1	0	0	1	1
	45+	0	0	2	1	2	0	0	1	0	0
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		2	2	3	5	2	1	0	6	5	10
Male	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	0	1	1	0	1	0	0	1	0
	20-24	1	1	0	3	0	1	0	2	3	12
	25-34	0	1	1	0	0	0	0	1	7	5
	35-44	1	0	0	1	0	2	0	0	3	3
	45+	1	0	0	0	0	1	1	0	0	1
	Unknown	0	2	1	0	1	0	0	0	0	0
Male Total		3	4	3	5	1	5	1	3	14	21
Total	<15	0	0	0	0	0	0	0	0	0	0
	15-19	1	1	2	5	0	1	0	1	1	3
	20-24	1	1	0	3	0	3	1	3	4	17
	25-34	1	2	1	0	0	0	0	4	10	6
	35-44	1	0	0	1	0	3	0	0	4	4
	45+	1	0	2	1	2	1	2	1	0	1
	Unknown	0	2	1	0	1	0	0	0	0	0
Total		5	6	6	10	3	8	3	9	19	31

Table 3.4: Gonorrhoea cases by gender and age group: 1997-2006

Ireland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	0-19	-	-	-	-	-	-	-	-	-	-
	20-29	-	-	-	-	-	-	-	-	-	-
	30-39	-	-	-	-	-	-	-	-	-	-
	40+	-	-	-	-	-	-	-	-	-	-
	Unknown	-	-	-	-	-	-	-	-	-	-
Female Total		-	-	-	-	-	-	-	-	-	-
Male	0-19	-	-	-	-	-	-	-	-	-	-
	20-29	-	-	-	-	-	-	-	-	-	-
	30-39	-	-	-	-	-	-	-	-	-	-
	40+	-	-	-	-	-	-	-	-	-	-
	Unknown	-	-	-	-	-	-	-	-	-	-
Male Total		-	-	-	-	-	-	-	-	-	-
Total	0-19	2	9	8	14	14	13	16	17	40	42
	20-29	18	27	49	63	76	68	97	159	163	254
	30-39	10	5	17	12	28	20	44	64	89	86
	40+	4	7	8	15	14	12	25	30	45	48
	Unknown	64	77	93	186	217	101	4	0	5	1
Total		98	125	175	290	349	214	186	270	342	431

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Italy											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	0-14	11	6	1	0	0	0	2	0	0	0
	15-24	5	4	3	4	2	5	6	13	7	15
	25-64	9	14	8	7	9	7	8	20	15	10
	65+	0	2	0	0	0	0	1	0	1	0
	Unknown	0	0	1	2	1	1	0	2	0	0
Female Total		25	26	13	13	12	13	17	35	23	25
Male	0-14	14	7	3	2	2	3	2	1	1	1
	15-24	57	43	48	51	64	55	54	71	59	46
	25-64	220	244	213	211	302	244	286	303	330	193
	65+	2	3	2	0	2	4	6	1	6	0
	Unknown	1	4	11	8	10	5	7	3	3	0
Male Total		294	301	277	272	380	311	355	379	399	240
Total	0-14	25	13	4	2	2	3	4	1	1	1
	15-24	62	47	51	55	66	60	60	84	66	61
	25-64	229	258	221	218	311	251	294	323	345	203
	65+	2	5	2	0	2	4	7	1	7	0
	Unknown	9	6	13	16	18	9	14	9	3	1
Total		327	329	291	291	399	327	379	418	427	266

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Latvia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	19	4	10	7	1	2	2	1	1	1
	15-19	133	87	74	57	45	35	35	27	42	51
	20-24	170	110	83	68	37	53	27	28	52	62
	25-34	167	88	83	53	39	36	35	42	47	49
	35-39	45	32	32	17	13	11	4	11	14	16
	40-49	42	29	23	10	9	10	7	12	10	9
	50+	23	7	19	13	7	6	3	1	6	6
Female Total		599	357	324	225	151	153	113	122	172	194
Male	<15	6	0	2	0	1	0	0	0	0	0
	15-19	207	129	105	76	37	53	44	37	44	54
	20-24	371	318	237	170	133	139	129	139	168	169
	25-34	341	284	257	177	154	147	129	154	222	227
	35-39	76	61	84	40	35	24	22	37	37	51
	40-49	54	63	69	42	28	32	36	40	35	40
	50+	36	25	23	15	12	7	8	8	16	11
Male Total		1091	880	777	520	400	402	368	415	522	552
Total	<15	25	4	12	7	2	2	2	1	1	1
	15-19	340	216	179	133	82	88	79	64	86	105
	20-24	541	428	320	238	170	192	156	167	220	231
	25-34	508	372	340	230	193	183	164	196	269	276
	35-39	121	93	116	57	48	35	26	48	51	67
	40-49	96	92	92	52	37	42	43	52	45	49
	50+	59	32	42	28	19	13	11	9	22	17
Total		1690	1237	1101	745	551	555	481	537	694	746

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Malta											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	0
	20-24	-	-	-	-	-	-	-	-	-	3
	25-34	-	-	-	-	-	-	-	-	-	2
	35-44	-	-	-	-	-	-	-	-	-	0
	45+	-	-	-	-	-	-	-	-	-	0
	Unknown	-	-	-	-	-	-	-	-	-	0
Female Total		-	-	-	-	-	-	-	-	-	5
Male	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	1
	20-24	-	-	-	-	-	-	-	-	-	9
	25-34	-	-	-	-	-	-	-	-	-	9
	35-44	-	-	-	-	-	-	-	-	-	6
	45+	-	-	-	-	-	-	-	-	-	2
	Unknown	-	-	-	-	-	-	-	-	-	0
Male Total		-	-	-	-	-	-	-	-	-	27
Total	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	1
	20-24	-	-	-	-	-	-	-	-	-	12
	25-34	-	-	-	-	-	-	-	-	-	11
	35-44	-	-	-	-	-	-	-	-	-	6
	45+	-	-	-	-	-	-	-	-	-	2
	Unknown	-	-	-	-	-	-	-	-	-	0
Total		-	-	-	-	-	-	-	-	-	32

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Netherlands											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	0	3	2	1
	15-19	-	-	-	-	-	-	71	90	90	88
	20-24	-	-	-	-	-	-	104	118	121	132
	25-34	-	-	-	-	-	-	60	67	51	85
	35-44	-	-	-	-	-	-	14	22	20	48
	45+	-	-	-	-	-	-	9	6	10	19
	Unknown	-	-	-	-	-	-	0	0	0	0
Female Total		-	-	-	-	-	-	258	306	294	373
Male	<15	-	-	-	-	-	-	2	0	0	0
	15-19	-	-	-	-	-	-	41	48	41	50
	20-24	-	-	-	-	-	-	196	190	178	195
	25-34	-	-	-	-	-	-	443	434	462	428
	35-44	-	-	-	-	-	-	321	347	362	461
	45+	-	-	-	-	-	-	135	206	158	250
	Unknown	-	-	-	-	-	-	2	0	0	0
Male Total		-	-	-	-	-	-	1140	1225	1201	1384
Total	<15	-	-	-	-	-	-	2	3	2	1
	15-19	-	-	-	-	-	-	112	138	131	138
	20-24	-	-	-	-	-	-	300	308	299	327
	25-34	-	-	-	-	-	-	503	501	513	513
	35-44	-	-	-	-	-	-	335	369	382	509
	45+	-	-	-	-	-	-	144	212	168	269
	Unknown	-	-	-	-	-	-	2	0	0	0
Total		-	-	-	-	-	-	1398	1531	1495	1757

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Norway											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	0	0	0	0	0	0	0	0	0	1
	15-19	5	3	1	3	15	4	3	3	9	8
	20-24	10	4	3	14	19	4	8	9	13	2
	25-34	11	10	14	13	20	14	14	14	15	5
	35-44	2	4	4	3	8	5	5	8	7	10
	45+	1	1	1	3	4	2	4	1	6	4
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		30	24	23	36	69	31	35	37	52	30
Male	<15	0	0	1	0	0	0	0	0	0	0
	15-19	2	8	6	12	9	5	10	10	10	7
	20-24	28	19	19	39	32	42	33	32	26	26
	25-34	74	59	67	78	104	72	63	100	63	77
	35-44	43	38	38	47	65	49	63	56	83	44
	45+	16	18	34	41	47	41	36	29	44	41
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		164	142	167	217	258	209	206	228	226	195
Total	<15	0	0	1	0	0	0	0	0	0	1
	15-19	7	11	7	15	24	9	13	13	19	15
	20-24	38	23	22	53	51	46	41	41	39	28
	25-34	85	69	81	91	124	86	77	114	78	82
	35-44	45	42	42	50	73	54	68	64	90	54
	45+	17	19	35	44	51	43	40	30	50	45
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		194	166	190	253	327	240	241	265	278	225

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Portugal											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	≤14	1	1	0	0	0	1	0	0	0	0
	15-24	3	1	6	3	3	2	2	2	2	1
	25-34	3	2	6	3	1	7	2	5	1	2
	35-44	5	0	3	1	4	1	3	1	0	0
	45+	2	0	4	1	1	2	2	1	0	1
	Unknown	0	0	0	0	0	0	0	0	1	0
Female Total		14	4	19	8	9	13	9	9	4	4
Male	≤14	1	0	0	2	2	0	2	0	0	1
	15-24	13	6	8	15	2	13	5	3	12	12
	25-34	15	10	20	9	17	16	23	8	24	22
	35-44	13	14	8	6	6	7	9	5	6	15
	45+	6	6	9	6	3	6	5	3	6	1
	Unknown	3	0	0	0	0	0	0	0	0	0
Male Total		51	36	45	38	30	42	44	19	48	51
Total	≤14	2	1	0	2	2	1	2	0	0	1
	15-24	16	7	14	18	5	15	7	5	14	13
	25-34	18	12	26	12	18	23	25	13	25	24
	35-44	18	14	11	7	10	8	12	6	6	15
	45+	8	6	13	7	4	8	7	4	6	2
	Unknown	3	0	0	0	0	0	0	0	1	0
Total		65	40	64	46	39	55	53	28	52	55

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Slovakia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	0	1	0	0	0	0	0	0	0	1
	16-19	19	7	7	6	13	1	3	5	4	3
	20-24	20	13	10	11	12	4	7	5	7	4
	25-34	13	7	5	4	13	9	5	16	7	2
	35-44	4	1	0	3	4	1	2	3	3	3
	45+	1	0	1	1	5	0	0	1	5	1
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		57	29	23	25	47	15	17	30	26	14
Male	<16	1	0	0	0	0	1	1	0	0	0
	16-19	16	21	7	11	3	18	4	10	11	9
	20-24	65	37	30	22	31	29	23	18	16	16
	25-34	41	39	37	19	37	38	34	51	39	45
	35-44	13	11	9	6	18	9	2	13	10	12
	45+	4	0	2	2	3	8	3	6	7	7
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		140	108	85	60	92	103	67	98	83	89
Total	<16	1	1	0	0	0	1	1	0	0	1
	16-19	35	28	14	17	16	19	7	15	15	12
	20-24	85	50	40	33	43	33	30	23	23	20
	25-34	54	46	42	23	50	47	39	67	46	47
	35-44	17	12	9	9	22	10	4	16	13	15
	45+	5	0	3	3	8	8	3	7	12	8
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		197	137	108	85	139	118	84	128	109	103

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Slovenia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	-	-	-	-	0	0	0	0	0	0
	16-19	-	-	-	-	0	1	0	0	1	0
	20-24	-	-	-	-	2	2	2	2	5	2
	25-34	-	-	-	-	1	2	3	3	5	0
	35-44	-	-	-	-	1	0	2	1	2	0
	45+	-	-	-	-	1	0	1	2	2	0
	Unknown	-	-	-	-	3	0	0	0	0	0
Female Total		-	-	-	-	8	5	8	8	15	2
Male	<16	-	-	-	-	0	2	1	0	0	1
	16-19	-	-	-	-	5	3	4	1	2	1
	20-24	-	-	-	-	6	8	7	9	10	10
	25-34	-	-	-	-	12	29	19	22	6	14
	35-44	-	-	-	-	6	6	9	11	9	5
	45+	-	-	-	-	3	4	8	2	3	2
	Unknown	-	-	-	-	14	0	0	1	0	0
Male Total		-	-	-	-	46	52	48	46	30	33
Total	<16	-	-	-	-	0	2	1	0	0	1
	16-19	-	-	-	-	5	4	4	1	3	1
	20-24	-	-	-	-	8	10	9	11	15	12
	25-34	-	-	-	-	13	31	22	25	11	14
	35-44	-	-	-	-	7	6	11	12	11	5
	45+	-	-	-	-	4	4	9	4	5	2
	Unknown	-	-	-	-	17	0	0	1	0	0
Total		-	-	-	-	54	57	56	54	45	35

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

Sweden											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	0	3	4	0	0	0	2	2	1	2
	16-19	6	16	13	12	16	10	27	14	12	18
	20-24	14	18	14	24	35	33	46	31	38	51
	25-34	22	17	24	21	29	30	23	19	34	44
	35-44	5	5	7	15	6	14	15	10	9	14
	45+	1	1	1	8	0	5	3	5	17	5
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		48	60	63	80	86	92	116	81	111	134
Male	<16	0	4	0	0	0	0	1	1	1	2
	16-19	4	16	17	19	18	14	27	16	27	31
	20-24	23	50	62	106	80	77	99	90	128	122
	25-34	93	106	142	180	185	165	166	189	210	187
	35-44	55	76	95	145	112	97	126	125	138	120
	45+	20	31	48	60	48	60	61	69	76	81
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		196	283	364	510	443	413	480	490	580	543
Total	<16	0	7	4	0	0	0	3	3	2	4
	16-19	10	32	30	31	34	24	54	30	39	49
	20-24	37	68	76	130	115	110	145	121	166	173
	25-34	115	123	166	201	214	195	189	208	244	231
	35-44	60	81	102	160	118	111	141	135	147	134
	45+	21	32	49	68	48	65	64	74	93	86
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		244	343	427	590	529	505	596	571	691	677

Table 3.5: Gonorrhoea cases by gender and age group: 1997-2006

United Kingdom											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	52	47	50	57	64	91	66	53	61	41
	15-19	1556	1657	2025	2594	2881	3028	3080	2721	2165	2106
	20-24	1222	1254	1441	1992	2116	2305	2325	2080	1712	1780
	25-34	1009	975	1185	1324	1355	1549	1390	1274	984	1001
	35-44	209	263	335	440	482	571	554	387	329	313
	45+	62	78	72	98	130	119	144	124	119	139
	Unknown	20	8	36	61	51	65	3	8	2	0
Female Total		4130	4282	5144	6566	7079	7728	7562	6647	5372	5380
Male	<15	24	7	14	18	10	16	20	11	14	7
	15-19	1112	1080	1445	1997	2148	2335	2153	2044	1646	1665
	20-24	2253	2235	2856	3811	4502	4902	4956	4401	3861	3723
	25-34	3917	3702	4386	5769	5910	6171	5931	5189	4641	4587
	35-44	1204	1400	1823	2523	2888	3121	3126	2876	2668	2481
	45+	356	473	626	905	1057	1154	1197	1135	1042	1140
	Unknown	67	33	176	211	111	172	20	18	4	24
Male Total		8933	8930	11326	15234	16626	17871	17403	15674	13876	13627
Total	<15	76	54	64	75	74	107	86	64	75	48
	15-19	2668	2737	3470	4591	5029	5363	5233	4765	3811	3771
	20-24	3475	3489	4297	5803	6618	7207	7281	6481	5573	5503
	25-34	4926	4677	5571	7093	7265	7720	7321	6463	5625	5588
	35-44	1413	1663	2158	2963	3370	3692	3680	3263	2997	2794
	45+	418	551	698	1003	1187	1273	1341	1259	1161	1279
	Unknown	87	41	212	272	162	237	23	26	6	24
Total		13063	13212	16470	21800	23705	25599	24965	22321	19248	19007

4. Syphilis

- A small rise in the number of syphilis cases was seen in many Central and Eastern European countries following a period of overall decline since the mid-nineties.
- The number of reported syphilis cases has stabilised or declined in many Western European countries following the dramatic overall increases during the past ten years.
- Syphilis continues to be primarily diagnosed among MSM particularly in Western European countries.
- The majority of cases in both men and women are diagnosed in those aged over twenty-five years.

4.1 Source of data

Syphilis surveillance data was available from 23 countries in total (Table 4.1). All data is from mandatory universal case reporting surveillance systems apart from data provided by Belgium are taken from a sentinel laboratory surveillance systems and France and the Netherlands which have sentinel systems.

Table 4.1 Type and period of syphilis surveillance data available

Country	Surveillance System	Years available*
Austria	Universal Case	1997-2006
Belgium	Sentinel Laboratory	2002-2006
Cyprus	Universal Case	1997-2006
Czech Republic	Universal Case	1997-2006
Denmark	Universal Case	1997-2006
Estonia	Universal Case	1997-2006
Finland	Universal Case	1997-2006
France	Sentinel Case	2000-2006
Germany	Universal Case	1997-2006 ¹
Greece	Universal Case ²	
Iceland	Universal Case	1997-2006
Ireland	Universal Case	1997-2006 ³
Italy	Universal Case	1997-2006
Latvia	Universal Case	1997-2006
Malta	Universal Case	2004-2006
Netherlands	Sentinel Case	2003-2006
Norway	Universal Case	1997-2006
Poland		
Portugal	Universal Case	1997-2006
Slovakia	Universal Case	1997-2006
Slovenia	Universal Case	1997-2006 ⁴
Spain	Universal Case	1997-2006
Sweden	Universal Case	1997-2006
Turkey	Universal Case	1999-2006
United Kingdom	Universal Case ²	1997-2006

*Not all variables necessarily available for each country and year

¹2001 to 2006 information on stage of syphilis is available

²Data from genitourinary (GUM) clinics only

³2000 to 2006 information on stage of syphilis is available

⁴2001 to 2006 infectious and total cases available

It is difficult to make comparisons of syphilis infection across Europe due to the variety of case definitions used. For the purposes of this report the data has been grouped as much as practicable depending on the stages of syphilis that are included in the case definition used for reporting by each country. When case definitions are stable comparison of trends is possible. All graphs should be interpreted with caution. In addition there are major variations in the coverage, completeness and representativeness of these systems and so

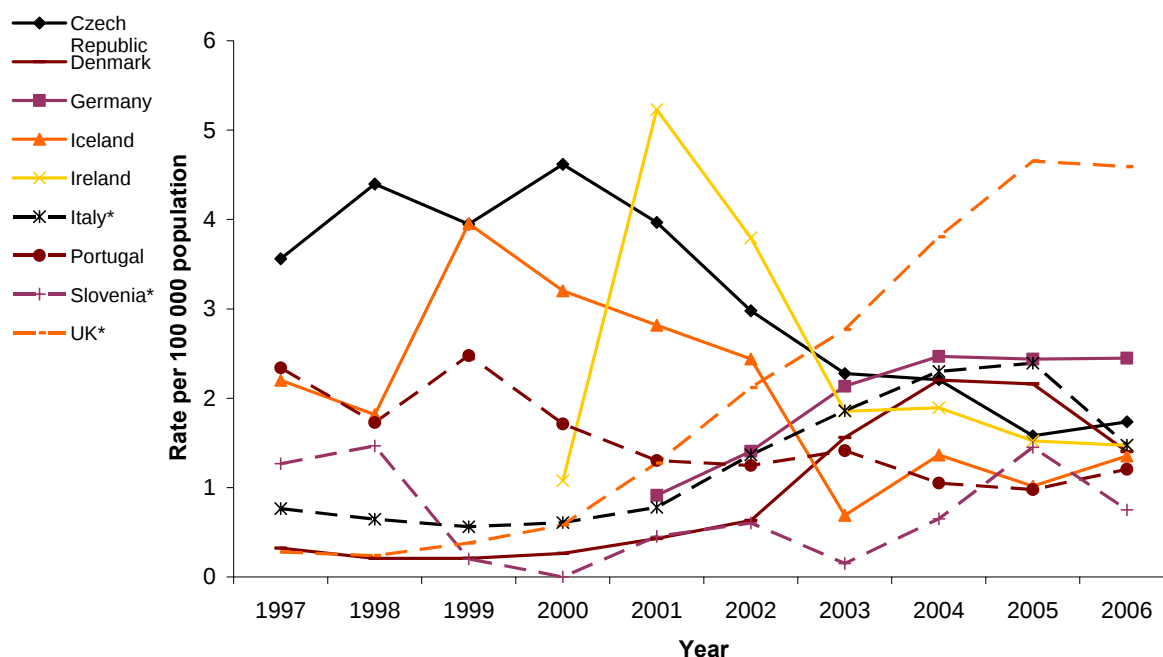
direct comparisons of absolute numbers and rates may be misleading since the proportion of diagnosed cases actually reported differs substantially.

4.2 Burden and Trends:

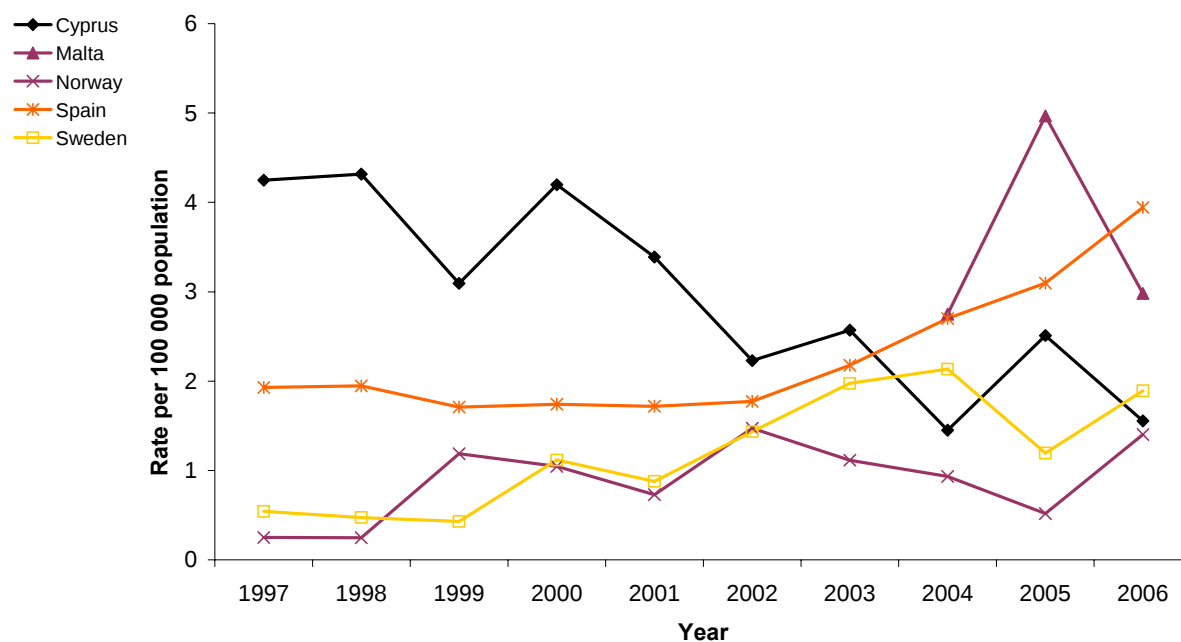
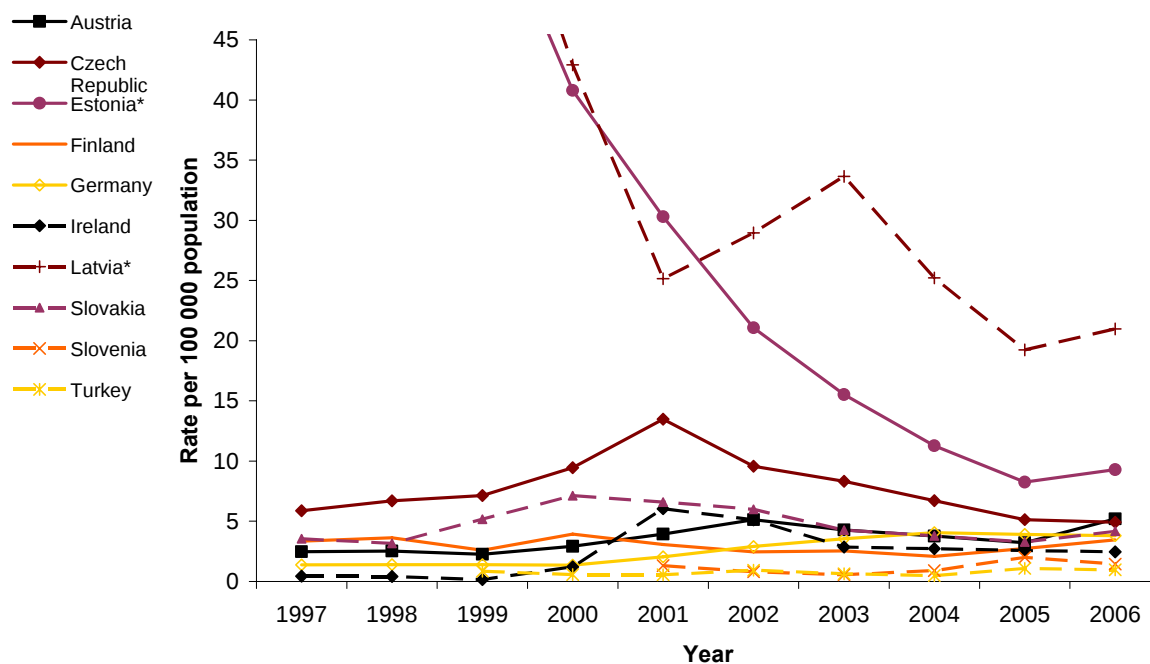
In 2006 the rate of reported syphilis cases in countries with known stage of infection varied from 0.8 cases per 100 000 population in Slovenia to 4.6 cases per 100 000 population in the United Kingdom (Figures 4.1 and 4.2). In the countries which do not distinguish between the stages of syphilis the rate varies between 1 case per 100 000 population in Turkey to 21 cases per 100 000 population in Latvia (Figure 4.3). In the past year a varied picture is seen with no consistent trend emerging in any region of Europe. In Central and Eastern Europe an increase in the number of reported cases since 2005 was seen in the Czech Republic, Estonia, Latvia, and Slovakia. This rise in cases has come after a general decline in the rate of reported syphilis cases in this region during the past decade. In Latvia for example the rate of reported syphilis cases has decreased by 83% since 1997 when 123.5 cases per 100 000 population were recorded.

Since 1997 Western European countries have experienced an often dramatic increase in the reported rate of syphilis cases. The number of reported cases has however stabilised or started to decline in many countries in recent years. Nine out of sixteen Western European countries in the past year saw an increase in the number of syphilis cases reported with Norway seeing the greatest percentage increase (24 cases in 2005 to 66 cases in 2006 (171%). See Table 4.1 for other countries figures.

Figure 4.1: Rate of reported primary, secondary and early latent syphilis cases in Europe: 1997-2006



*Primary and Secondary stages only (Slovenia 1997-2000)

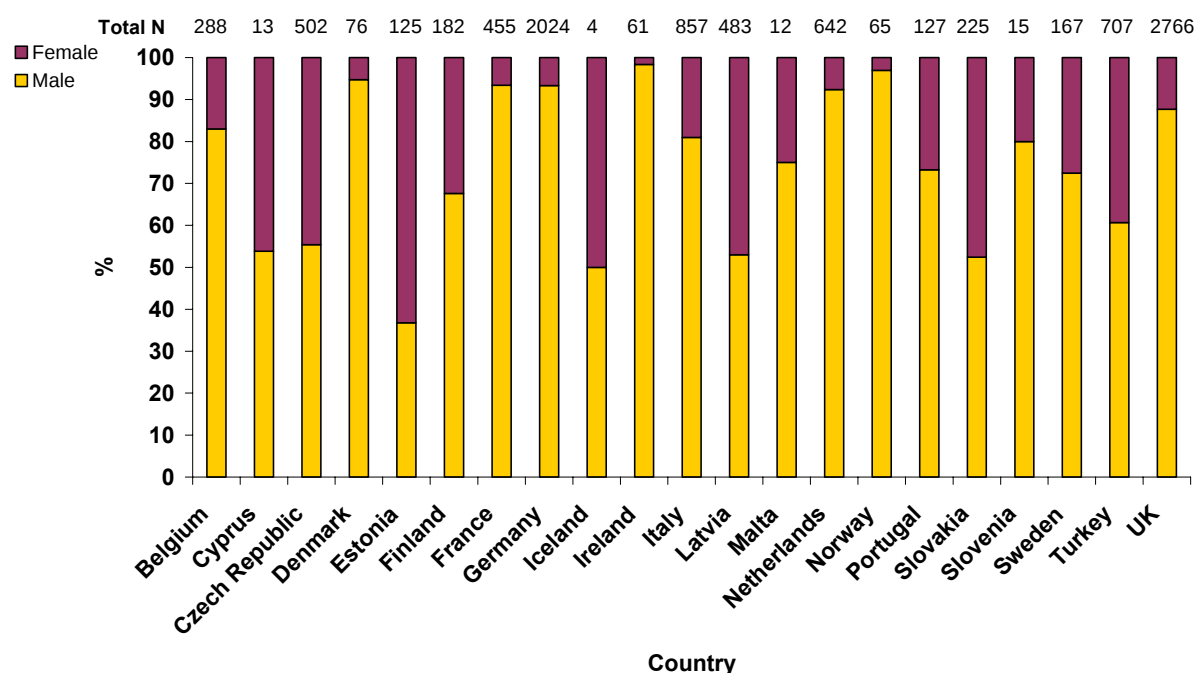
Figure 4.2: Rate of reported primary, secondary and latent syphilis cases in Europe: 1997-2006**Figure 4.3: Rate of reported syphilis cases (all stages) in Europe: 1997-2006**

*The rate of reported syphilis in Estonia and Latvia decreased from 78.4 and 123.5 per 100 000 population respectively in 1997. 1997-1999 data not shown in figure.

4.3 Age and gender distribution:

In 2006 primary, secondary and latent syphilis was reported more often in men than women. This ranged from 50% in Iceland (n=2) to 98% in Ireland (n=60). In countries which only collect all stage syphilis (Czech Republic, Estonia, Finland, Latvia, Slovenia and Turkey) the percentage of cases diagnosed in men ranged between just 37% in Estonia (n=46) and 68% in Finland (n=123). In 10 out of the 21 reporting countries over 80% of cases diagnosed were in men (Figure 4.4).

Figure 4.4: Percentage of reported syphilis cases by reporting country and gender: 2006



Primary and secondary stages: Italy, UK
 Primary, secondary, early latent stages: Belgium, Denmark France, Germany, Iceland, Ireland, Portugal, Slovenia
 Primary, secondary, latent stages: Cyprus, Malta, Netherlands, Norway, Spain, Sweden
 All stages: Czech Republic, Estonia, Finland, Latvia, Slovakia, Turkey

In 2006, 86% of reported syphilis cases were in people aged over 25 years of age. This ranged from 46% of cases in Cyprus (n=6) to 95% of cases in Finland (n=121). In 14 out of the 19 reporting countries over 80% of the cases were in people aged over 25 years of age. A higher proportion of cases among women are diagnosed in the younger age groups with 26% of cases in 2006 occurring in women younger than 25 years compared to just 11% among men. Figures 4.5a and b show the percentage of syphilis cases by gender and age group for the fourteen countries who could provide data in the specified age groupings.

Figure 4.5a Percentage of reported syphilis cases in men by country and age group: 2006

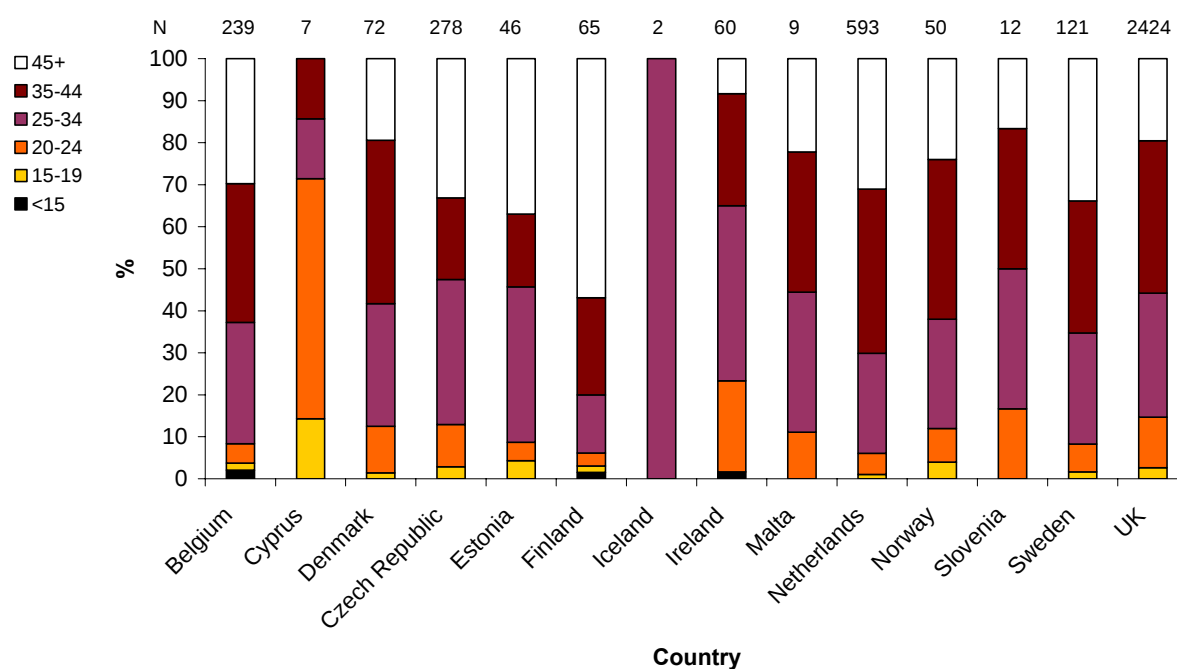
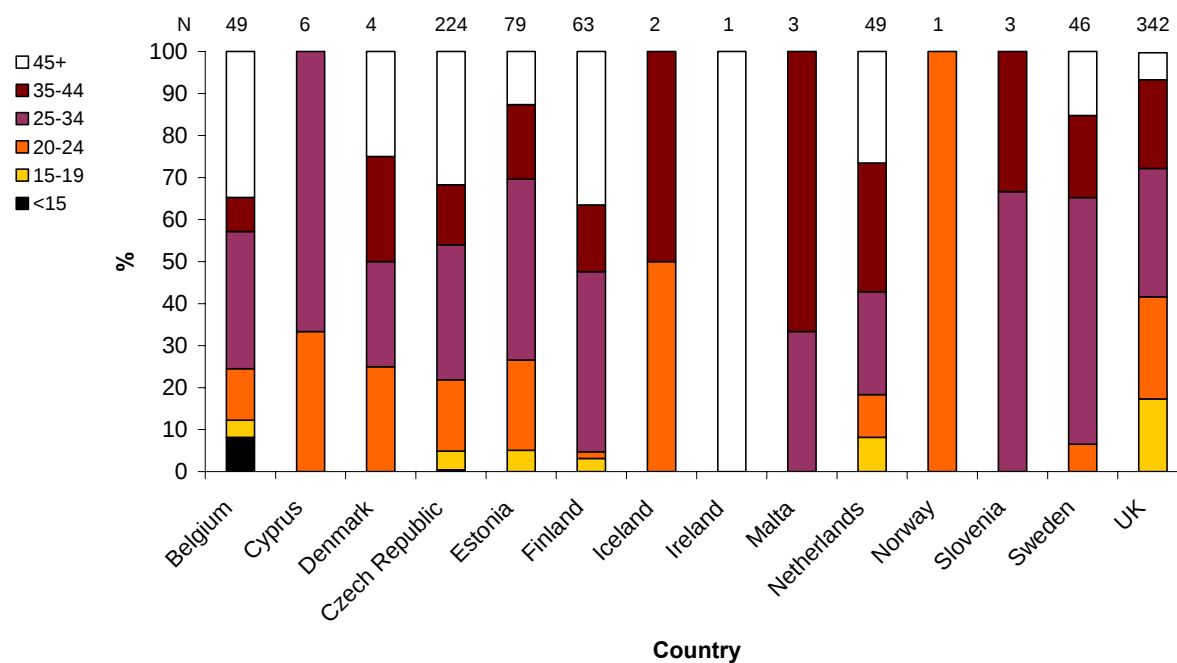


Figure 4.5b Percentage of reported syphilis cases in women by country and age group: 2006



Primary and secondary stages: UK

Primary, secondary, early latent stages: Belgium, France, Iceland, Ireland, Slovenia

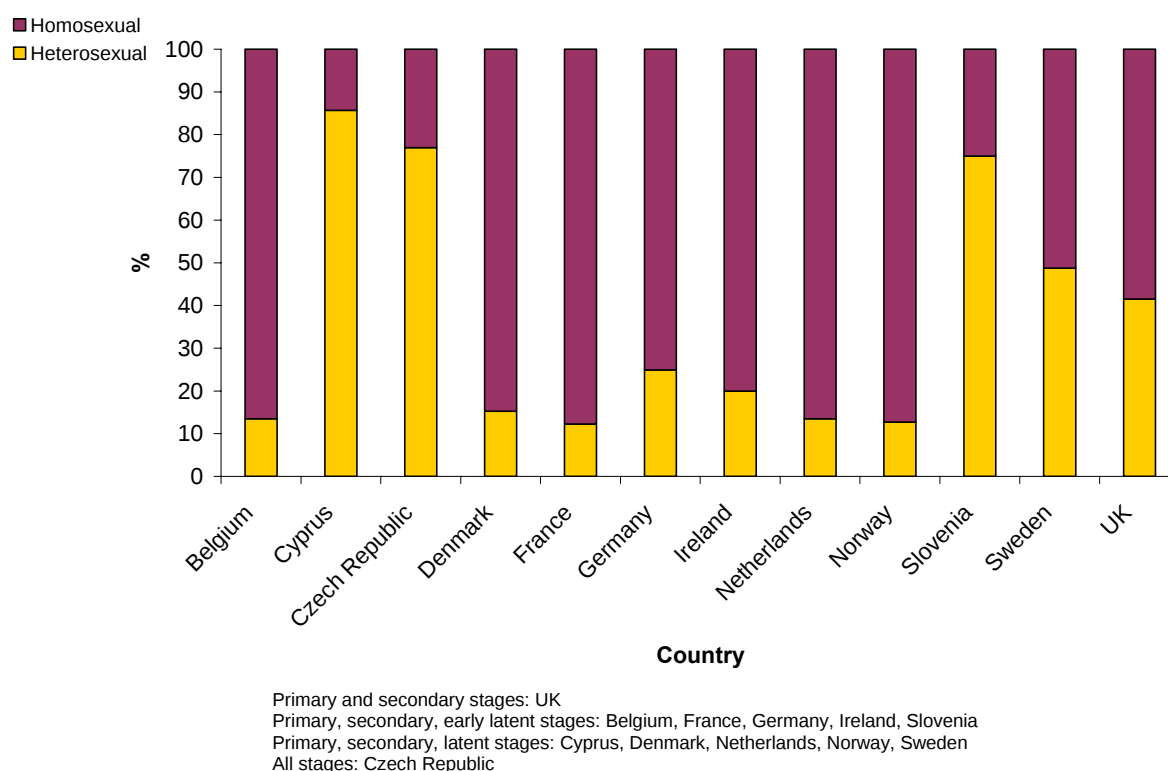
Primary, secondary, latent stages: Cyprus, Malta, Netherlands, Norway, Sweden

All stages: Czech Republic, Estonia, Finland

4.4 Route of transmission:

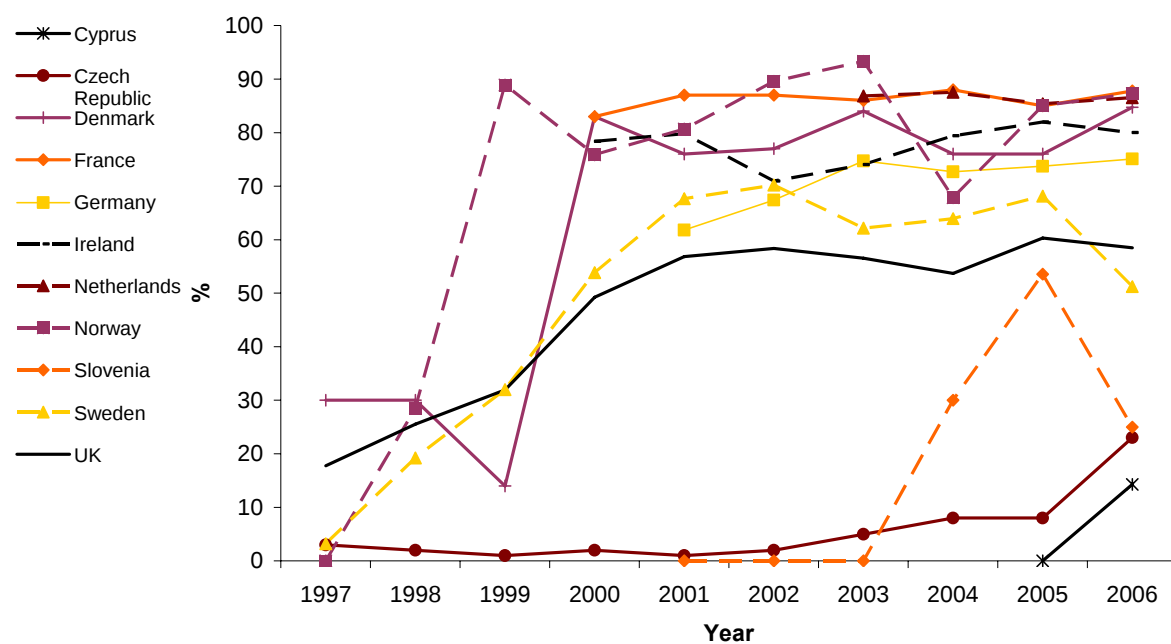
Twelve countries were able to provide data on whether the syphilis was acquired homosexually; Belgium, Cyprus, Czech Republic, Denmark, France, Germany, Ireland, Netherlands, Norway, Slovenia, Sweden and the United Kingdom. In the Western European countries a high proportion of male syphilis cases were acquired homosexually. In contrast the few Central European countries that collect this information reported a significantly lower number of male cases which were acquired homosexually. In 2006 over half of all cases in men were acquired homosexually in eight out of eleven countries ranging from 51% in Sweden to 88% in France. In the Czech Republic 23% of cases were reported as being homosexually acquired in 2006 compared to just 8% of cases in 2005 (Figure 4.6).

Figure 4.6: Percentage of reported syphilis cases in men by sexual transmission route: 2006



The number of cases of syphilis in men acquired homosexually has increased or remained stable in all countries in the past year except in the UK, Denmark and Slovenia which saw a decrease of 1% (1438 to 1417 cases), 22% (78 to 61 cases) and 80% (12 to 3 cases) respectively. The Czech Republic and Norway reported the greatest increases in homosexually acquired cases with Norway seeing an increase of 224% (17 cases in 2005 to 55 cases in 2006). The number of cases in the Czech Republic increased from 23 in 2005 to 64 in 2006, an increase of 178%. In the ten year period since 1997 there has been a dramatic increase in the number of cases acquired homosexually in all five countries where this data are available. The proportion of cases in men which are homosexually acquired has similarly increased during the same period. (Figure 4.7).

Figure 4.7: Percentage of reported syphilis cases in men homosexually acquired: 1997-2006



Primary and secondary stages: UK
 Primary, secondary, early latent stages: France, Germany, Ireland, Slovenia
 Primary, secondary, latent stages: Cyprus, Denmark, Netherlands, Norway, Sweden
 All stages: Czech Republic

Table 4.2: Number of syphilis cases by country: 1997-2006

Country	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	% change 2005-2006	% change 1997-2006	Syphilis stages
Austria	201	205	184	237	320	420	352	312	267	431	61	114	All stages
Belgium	-	-	-	-	-	114	172	248	359	288	-20	-	primary, secondary, early latent
Cyprus	32	33	24	33	27	18	21	12	21	13	-38	-59	primary, secondary, latent
Czech Republic	366	451	404	472	405	304	232	225	161	177	10	-52	primary, secondary, early latent
Czech Republic	604	687	731	967	1376	976	849	684	523	502	-4	-17	All stages
Denmark	17	11	11	14	23	34	84	119	117	76	-35	347	primary, secondary, early latent
Estonia	1099	1050	804	559	413	286	210	152	111	125	13	-89	All stages
Finland	172	187	134	204	159	128	133	109	144	128	26	6	All stages
France	-	-	-	37	207	417	448	403	339	455	34	-	primary, secondary, early latent
Germany	-	-	-	-	752	1161	1762	2039	2014	2024	0	-	primary, secondary, early latent
Germany	1131	1151	1143	1121	1697	2399	2932	3352	3227	3146	-3	178	All stages
Greece	-	-	-	-	-	-	-	-	-	-	-	-	
Iceland	6	5	11	9	8	7	2	4	3	4	33	-33	primary, secondary, early latent
Ireland	-	-	-	41	202	149	74	77	63	61	-3	-	primary, secondary, early latent
Ireland	16	15	6	46	233	201	114	111	107	102	-5	538	All stages
Italy	440	371	323	351	451	793	1084	1345	1403	865	-38	97	primary, secondary
Latvia	3008	2597	1541	1021	594	679	784	584	443	483	9	-84	All stages
Malta	-	-	-	-	-	-	-	11	20	12	-40	-	primary secondary, latent
Netherlands	-	-	-	-	-	-	503	631	588	642	9	-	primary secondary, latent
Netherlands	-	-	-	-	-	-	716	775	698	783	12	-	All stages
Norway	11	11	53	47	33	67	51	43	24	65	171	491	primary, secondary, latent
Poland													
Portugal	236	175	252	175	134	129	147	110	103	127	23	-46	primary, secondary, early latent
Slovakia	191	171	279	384	356	323	230	204	177	225	27	18	All stages
Slovenia	25	29	4	0	9	12	3	13	29	15	-48	-40	primary, secondary, early latent (2001-2005) primary, secondary (1990-2000)
Slovenia	-	-	-	-	26	16	11	18	40	29	-28		All stages
Spain	763	772	682	700	700	734	917	1156	1344	1711	27	124	primary, secondary, latent
Sweden	48	42	38	99	78	128	177	192	108	171	58	256	primary, secondary, latent
Turkey	-	-	568	395	384	660	456	349	794	707	-11	-	All stages
UK	162	139	223	342	753	1258	1652	2282	2804	2766	-1	1607	primary, secondary

Table 4.3: Syphilis cases by country and gender: 1997-2006

	1997		1998		1999		2000		2001		2002		2003		2004		2005		2006	
Country	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Belgium	-	-	-	-	-	-	-	-	-	-	100	13	155	16	203	42	297	60	239	49
Cyprus	16	16	25	8	13	11	27	6	18	9	13	5	14	7	10	2	15	6	7	6
Czech Republic*	308	296	338	349	374	357	535	432	794	582	496	480	400	449	350	334	277	246	278	224
Denmark	10	7	10	1	7	4	10	4	17	6	31	3	80	4	113	6	103	14	72	4
Estonia	570	529	525	525	380	424	242	317	190	223	110	176	59	151	39	113	36	75	46	79
Finland	102	70	102	85	86	48	129	75	90	69	72	56	70	63	56	53	84	60	65	63
France	-	-	-	-	-	-	36	1	196	11	402	14	430	18	384	19	305	24	425	30
Germany*	677	454	758	393	767	376	780	341	1379	271	2052	317	2639	272	3022	318	2887	336	2818	326
Iceland	-	-	-	-	-	-	1	5	8	0	4	2	1	1	3	0	3	0	2	2
Ireland**	-	-	-	-	-	-	36	4	195	7	126	23	62	12	63	14	56	7	60	1
Italy	316	112	276	91	249	68	252	80	334	108	666	118	894	168	1092	231	1107	266	694	163
Latvia	1612	1396	1321	1276	826	715	526	495	315	279	352	327	408	376	272	312	242	201	256	227
Malta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	2	16	4	9	3
Netherlands**	-	-	-	-	-	-	-	-	-	-	-	-	464	39	577	54	547	41	593	49
Norway	9	2	9	2	51	2	34	13	32	1	64	3	43	8	36	7	23	1	63	2
Portugal	144	92	102	103	144	108	104	71	65	69	68	61	90	57	62	48	71	32	93	34
Slovakia	97	94	89	82	166	113	205	179	197	159	183	140	110	120	95	109	97	80	118	107
Slovenia****	15	10	18	11	1	3	0	0	5	4	9	3	0	3	10	3	28	1	12	3
Sweden	31	17	26	16	25	13	78	21	68	10	104	24	156	21	158	34	91	17	121	46
Turkey	-	-	-	-	338	230	239	156	223	161	354	306	256	200	244	105	382	412	429	278
UK	107	55	90	49	166	57	264	78	642	111	1119	139	1461	191	1999	283	2384	420	2424	342

Stage of infection as stated in Table 4.2 unless noted below

*All stages

**Primary, secondary, early latent

***Primary, secondary, latent

****Primary, secondary, early latent (2001-2006) primary, secondary (1990-2000)

Table 4.4: Syphilis cases in men by country and sexual transmission: 1997-2006

	1997		1998		1999		2000		2001	
Country	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired
Belgium*	-	-	-	-	-	-	-	-	-	-
Cyprus	-	-	-	-	-	-	-	-	-	-
Czech Republic	308	10	338	7	374	4	535	12	794	11
Denmark	10	3	10	3	7	1	10	3	17	13
France	-	-	-	-	-	-	36	30	196	170
Germany ¹	-	-	-	-	-	-	-	-	680	420
Ireland	-	-	-	-	-	-	36	28	195	156
Netherlands ²	-	-	-	-	-	-	-	-	-	-
Norway	9	0	9	2	51	40	34	22	32	25
Slovenia	-	-	-	-	-	-	-	-	5	0
Sweden	31	1	26	5	25	8	78	42	68	46
UK	107	19	90	23	166	53	264	130	642	365

	2002		2003		2004		2005		2006	
Country	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired
Belgium*	-	-	-	-	-	-	94	82	74	64
Cyprus	-	-	-	-	-	-	15	0	7	1
Czech Republic	496	10	400	20	350	27	277	23	278	64
Denmark	31	24	80	68	113	86	103	78	72	61
France	402	350	430	370	384	338	305	260	425	373
Germany ¹	1073	723	1648	1231	1908	1387	1864	1374	1889	1418
Ireland	126	90	62	46	63	50	56	46	60	48
Netherlands ²	-	-	464	403	577	505	547	467	593	513
Norway	64	43	43	28	36	19	23	17	63	55
Slovenia	9	0	0	0	10	3	28	15	12	3
Sweden	104	73	156	97	158	101	91	62	121	62
UK	1119	653	1461	826	1999	1074	2384	1438	2424	1417

*Data on sexual transmission taken from sentinel network of physicians (not laboratory reporting)

¹Primary, secondary, early latent

²Primary, secondary, latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Belgium											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	0	0	0	2	4
	15-19	-	-	-	-	-	2	1	2	3	2
	20-24	-	-	-	-	-	2	6	4	5	6
	25-34	-	-	-	-	-	4	3	20	10	16
	35-44	-	-	-	-	-	2	2	3	18	4
	45+	-	-	-	-	-	3	4	13	21	17
	Unknown	-	-	-	-	-	0	0	0	1	0
Female Total		-	-	-	-	-	13	16	42	60	49
Male	<15	-	-	-	-	-	0	1	3	2	5
	15-19	-	-	-	-	-	1	0	3	1	4
	20-24	-	-	-	-	-	2	5	13	33	11
	25-34	-	-	-	-	-	34	52	72	90	69
	35-44	-	-	-	-	-	43	66	68	89	79
	45+	-	-	-	-	-	19	31	42	71	71
	Unknown	-	-	-	-	-	1	0	2	11	0
Male Total		-	-	-	-	-	100	155	203	297	239
Total	<15	-	-	-	-	-	0	1	3	4	9
	15-19	-	-	-	-	-	3	1	5	4	6
	20-24	-	-	-	-	-	4	11	17	39	17
	25-34	-	-	-	-	-	38	55	93	100	85
	35-44	-	-	-	-	-	45	68	72	107	83
	45+	-	-	-	-	-	22	35	56	93	88
	Unknown	-	-	-	-	-	1	1	2	12	0
Total		-	-	-	-	-	114	172	248	359	288

Primary, secondary, early latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Cyprus											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	1	0	0	0	0	0	0	0	0	0
	16-19	1	2	0	0	0	0	0	0	0	0
	20-24	3	2	4	0	3	0	3	0	2	2
	25-34	1	0	2	1	4	2	1	2	4	4
	35-44	5	1	2	4	1	1	2	0	0	0
	45+	5	3	3	1	1	2	1	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		16	8	11	6	9	5	7	2	6	6
Male	<16	0	0	0	0	0	0	0	0	0	0
	16-19	0	0	0	1	0	0	0	0	2	1
	20-24	1	6	1	0	4	0	0	0	3	4
	25-34	3	4	4	11	7	1	6	6	5	1
	35-44	6	5	5	6	3	5	7	3	2	1
	45+	6	10	3	9	4	6	1	1	3	0
	Unknown	0	0	0	0	0	1	0	0	0	0
Male Total		16	25	13	27	18	13	14	10	15	7
Total	<16	1	0	0	0	0	0	0	0	0	0
	16-19	1	2	0	1	0	0	0	0	2	1
	20-24	4	8	5	0	7	0	3	0	5	6
	25-34	4	4	6	12	11	3	7	8	9	5
	35-44	11	6	7	10	4	6	9	3	2	1
	45+	11	13	6	10	5	8	2	1	4	0
	Unknown	0	0	0	0	0	1	0	0	0	0
Total		32	33	24	33	27	18	21	12	21	13

Primary, secondary, latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Czech Republic											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	3	10	7	2	8	1	4	5	2	1
	15-19	48	39	39	62	59	52	31	18	13	10
	20-24	77	105	104	143	161	103	86	72	39	38
	25-34	58	97	111	116	197	155	165	120	98	72
	35-44	28	26	35	46	65	41	49	40	23	32
	45+	82	72	61	63	92	128	114	79	71	71
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		296	349	357	432	582	480	449	334	246	224
Male	<15	3	8	9	7	7	7	2	3	1	0
	15-19	10	16	13	18	20	15	8	9	4	8
	20-24	57	60	60	94	140	72	52	39	23	28
	25-34	120	133	146	223	362	195	160	138	101	96
	35-44	42	56	71	92	145	90	93	82	60	54
	45+	76	65	75	101	120	117	85	79	88	92
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		308	338	374	535	794	496	400	350	277	278
Total	<15	6	18	16	9	15	8	6	8	3	1
	15-19	58	55	52	80	79	67	39	27	17	18
	20-24	134	165	164	237	301	175	138	111	62	66
	25-34	178	230	257	339	559	350	325	258	199	168
	35-44	70	82	106	138	210	131	142	122	83	86
	45+	158	137	136	164	212	245	199	158	159	163
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		604	687	731	967	1376	976	849	684	523	502

All stages

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Denmark											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<20	0	0	0	0	0	2	1	0	1	0
	20-24	0	1	1	0	0	1	0	0	1	1
	25-34	4	0	2	3	2	0	1	1	7	1
	35-44	1	0	0	1	1	0	0	2	2	1
	45+	2	0	1	0	3	0	2	3	3	1
	Unknown										
Female Total		7	1	4	4	6	3	4	6	14	4
Male	<20	0	0	0	1	0	0	1	1	1	1
	20-24	1	1	0	2	3	4	2	10	3	8
	25-34	2	4	3	1	3	14	30	25	25	21
	35-44	3	1	2	6	5	10	30	44	41	28
	45+	4	4	2	0	6	3	17	33	33	14
	Unknown										
Male Total		10	10	7	10	17	31	80	113	103	72
Total	<15	0	0	0	1	0	0	1	0	0	0
	15-19	0	0	0	0	0	2	1	1	2	1
	20-24	1	2	1	2	3	5	2	10	4	9
	25-34	6	4	5	4	5	14	31	26	32	22
	35-44	4	1	2	7	6	10	30	46	43	29
	45+	6	4	3	0	9	3	19	36	36	15
	Unknown										
Total		17	11	11	14	23	34	84	119	117	76

Primary, secondary, early latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Estonia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	71	61	31	19	19	7	8	4
	20-24	-	-	113	70	65	49	44	27	15	17
	25-34	-	-	125	113	82	64	65	45	31	34
	35-44	-	-	70	49	30	32	22	24	16	14
	45+	-	-	42	21	15	12	1	10	5	10
	Unknown	-	-	0	0	0	0	0	0	0	0
Female Total		-	-	421	314	223	176	151	113	75	79
Male	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	30	9	8	5	3	2	0	2
	20-24	-	-	67	40	32	17	7	6	7	2
	25-34	-	-	135	89	76	45	25	22	11	17
	35-44	-	-	98	54	43	29	15	7	10	8
	45+	-	-	46	47	31	14	9	2	8	17
	Unknown	-	-	0	0	0	0	0	0	0	0
Male Total		-	-	376	239	190	110	59	39	36	46
Total	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	101	70	39	24	22	9	8	6
	20-24	-	-	180	110	97	66	51	33	22	19
	25-34	-	-	260	202	158	109	90	67	42	51
	35-44	-	-	168	103	73	61	37	31	26	22
	45+	-	-	88	68	46	26	10	12	13	27
	Unknown	-	-	0	0	0	0	0	0	0	0
Total		-	-	797	553	413	286	210	152	111	125

All stages

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Finland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	0	0	0	2	0	2	1	0	0	0
	15-19	5	7	2	3	1	2	1	0	2	2
	20-24	4	14	6	8	14	9	8	5	4	1
	25-34	16	21	11	21	10	11	16	21	13	27
	35-44	12	11	12	10	11	7	7	6	15	10
	45+	33	32	17	31	33	25	30	21	26	23
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		70	85	48	75	69	56	63	53	60	63
Male	<15	1	1	0	0	0	3	1	0	0	1
	15-19	3	1	0	3	1	4	1	0	2	1
	20-24	8	7	4	4	4	2	9	2	2	2
	25-34	20	24	21	27	15	15	16	10	12	9
	35-44	28	23	18	31	20	16	7	13	17	15
	45+	42	46	43	64	50	40	36	31	51	37
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		102	102	86	129	90	72	70	56	84	65
Total	<15	1	1	0	2	0	5	2	0	0	1
	15-19	8	8	2	6	2	6	2	0	4	3
	20-24	12	21	10	12	18	11	17	7	6	3
	25-34	36	45	32	48	25	26	32	31	25	36
	35-44	40	34	30	41	31	23	14	19	32	25
	45+	75	78	60	95	83	65	66	52	77	60
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		172	187	134	204	159	128	133	109	144	128

All stages

Table 4.5: Syphilis cases by gender and age group: 1997-2006

France											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	-	-	-	0	0	0	0	0	0	
	16-19	-	-	-	0	0	2	1	1	1	
	20-24	-	-	-	1	1	3	3	5	3	
	25-34	-	-	-	0	6	4	4	9	9	
	35-44	-	-	-	0	3	1	8	2	3	
	45+	-	-	-	0	1	4	2	1	7	
	Unknown	-	-	-	0	0	0	0	1	1	
Female Total		-	-	-	1	11	14	18	19	24	
Male	<16	-	-	-	0	0	1	0	0	0	
	16-19	-	-	-	0	1	3	3	2	3	
	20-24	-	-	-	3	15	27	24	29	20	
	25-34	-	-	-	11	76	139	158	128	107	
	35-44	-	-	-	16	73	151	181	148	110	
	45+	-	-	-	6	31	81	62	74	63	
	Unknown	-	-	-	0	0	0	2	3	2	
Male Total		-	-	-	36	196	402	430	384	305	
Total	<16	-	-	-	0	0	1	0	0	0	
	16-19	-	-	-	0	1	5	4	3	4	
	20-24	-	-	-	4	16	30	27	34	23	
	25-34	-	-	-	11	82	143	162	137	116	
	35-44	-	-	-	16	76	152	189	150	113	
	45+	-	-	-	6	32	85	64	75	70	
	Unknown	-	-	-	0	0	0	2	4	3	
Total		-	-	-	37	207	416	448	403	329	

Primary, secondary and early latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Germany											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	-	-	-	-	7	4	3	8	3	3
	16-19	-	-	-	-	14	23	12	15	13	12
	20-24	-	-	-	-	64	70	56	58	52	49
	25-34	-	-	-	-	86	115	92	118	130	105
	35-44	-	-	-	-	48	58	57	55	75	86
	45+	-	-	-	-	52	47	52	64	63	71
	Unknown	-	-	-	-	-	-	-	-	-	-
Female Total		-	-	-	-	271	317	272	318	336	326
Male	<16	-	-	-	-	3	5	5	2	5	3
	16-19	-	-	-	-	24	26	33	46	48	27
	20-24	-	-	-	-	83	148	176	217	218	187
	25-34	-	-	-	-	476	656	795	907	812	762
	35-44	-	-	-	-	472	784	1096	1203	1184	1167
	45+	-	-	-	-	321	433	534	647	620	672
	Unknown	-	-	-	-	-	-	-	-	-	-
Male Total		-	-	-	-	1379	2052	2639	3022	2887	2818
Total	<16	-	-	-	-	11	9	8	10	8	6
	16-19	-	-	-	-	41	52	47	62	62	39
	20-24	-	-	-	-	157	220	235	277	270	236
	25-34	-	-	-	-	578	785	896	1027	944	867
	35-44	-	-	-	-	527	851	1158	1265	1260	1254
	45+	-	-	-	-	383	482	588	711	683	744
	Unknown	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	1697	2399	2932	3352	3227	3146

All stages

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Iceland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	0	0	0	0	0	0	0
	15-19	-	-	-	0	0	0	0	0	0	0
	20-24	-	-	-	0	0	0	0	0	0	1
	25-34	-	-	-	1	0	1	0	0	0	0
	35-44	-	-	-	3	0	0	0	0	0	1
	45+	-	-	-	1	0	0	1	0	0	0
	Unknown	-	-	-	0	0	1	0	0	0	0
Female Total		-	-	-	5	0	2	1	0	0	2
Male	<15	-	-	-	0	0	0	0	0	0	0
	15-19	-	-	-	0	0	0	0	0	0	0
	20-24	-	-	-	0	0	1	0	0	0	0
	25-34	-	-	-	0	3	1	0	2	0	1
	35-44	-	-	-	0	4	1	1	1	2	0
	45+	-	-	-	1	1	1	0	0	1	0
	Unknown	-	-	-	0	0	0	0	0	0	1
Male Total		-	-	-	1	8	4	1	3	3	2
Total	<15	-	-	-	0	0	0	0	0	0	0
	15-19	-	-	-	0	0	0	0	0	0	0
	20-24	-	-	-	0	0	1	0	0	0	1
	25-34	-	-	-	3	3	2	0	3	0	1
	35-44	-	-	-	4	4	1	1	1	2	1
	45+	-	-	-	2	1	2	1	0	1	0
	Unknown	-	-	-	0	0	1	0	0	0	1
Total					9	8	7	2	4	3	4

Primary, secondary and early latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006*

Ireland											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	0	0	1	0	3	2	0	0	0
	20-24	0	0	0	1	1	4	4	4	2	0
	25-34	0	0	0	2	4	6	6	6	3	0
	35-44	0	0	0	0	2	8	0	3	2	0
	45+	0	0	0	0	0	2	0	1	0	1
	Unknown	5	6	3	0	0	0	0	0	0	0
Female Total		5	6	3	4	7	23	12	14	7	1
Male	<15	0	0	0	0	0	0	0	0	0	1
	15-19	0	0	0	0	4	1	1	2	1	0
	20-24	0	0	0	6	19	12	6	9	13	13
	25-34	0	0	0	11	82	45	28	30	19	25
	35-44	0	0	0	17	62	45	13	16	14	16
	45+	0	0	0	2	28	23	14	6	9	5
	Unknown	11	9	3	0	0	0	0	0	0	0
Male Total		11	9	3	36	195	126	62	63	56	60
Total	<15	0	0	0	0	0	0	0	0	0	1
	15-19	0	0	0	1	4	4	3	2	1	0
	20-24	0	0	0	7	20	16	10	13	15	13
	25-34	0	0	0	13	86	51	34	36	22	25
	35-44	0	0	0	18	64	53	13	19	16	16
	45+	0	0	0	2	28	25	14	7	9	6
	Unknown	16	15	6	0	0	0	0	0	0	0
Total**		16	15	6	41	202	149	74	77	63	61

Primary, secondary and early latent

* Early syphilis cases based on enhanced surveillance reporting, 2000-2006

** Totals includes cases with no gender details

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Italy											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	4	3	3	1	1	2	2	6	3	3
	15-24	22	18	16	21	24	27	36	55	64	33
	25-64	73	60	41	49	70	84	116	161	183	120
	65+	10	9	6	5	7	5	7	6	8	6
	Unknown	3	1	2	4	6	0	7	3	8	1
Female Total		112	91	68	80	108	118	168	231	266	163
Male	<15	7	4	6	3	3	6	3	6	7	9
	15-24	38	17	13	26	31	72	64	88	113	56
	25-64	245	228	201	200	277	536	777	944	927	592
	65+	19	17	16	14	10	23	19	26	37	25
	Unknown	7	10	13	9	13	29	31	28	23	12
Male Total		316	276	249	252	334	666	894	1092	1107	694
Total	<15	11	7	9	4	4	8	5	12	10	12
	15-24	60	35	29	47	55	99	100	143	177	89
	25-64	318	288	242	249	347	620	893	1105	1110	712
	65+	29	26	22	19	17	28	26	32	45	31
	Unknown	22	15	21	32	28	38	60	53	61	13
Total		440	371	323	351	451	793	1084	1345	1403	865

Primary and secondary

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Latvia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	18	13	12	3	4	6	6	1	3	0
	15-19	226	223	104	48	19	32	45	43	33	20
	20-24	319	309	152	95	57	69	90	55	37	40
	25-34	436	391	221	190	96	110	120	96	70	76
	35-39	163	138	80	47	26	39	43	42	15	34
	40-49	170	140	98	76	52	51	47	49	30	32
	50+	64	62	48	36	25	20	25	26	13	25
Female Total		1396	1276	715	495	279	327	376	312	201	227
Male	<15	20	15	7	12	4	1	3	3	1	1
	15-19	117	80	46	18	13	6	17	11	8	7
	20-24	346	280	142	87	51	42	67	43	43	29
	25-34	598	464	279	179	101	115	129	89	79	78
	35-39	193	175	118	68	53	76	63	30	30	42
	40-49	227	195	141	104	47	72	85	54	45	60
	50+	111	112	93	58	46	40	44	42	36	39
Male Total		1612	1321	826	526	315	352	408	272	242	256
Total	<15	38	28	19	15	8	7	9	4	4	1
	15-19	343	303	150	66	32	38	62	54	41	27
	20-24	665	589	294	182	108	111	157	98	80	69
	25-34	1034	855	500	369	197	225	249	185	149	154
	35-39	356	313	198	115	79	115	106	72	45	76
	40-49	397	335	239	180	99	123	132	103	75	92
	50+	175	174	141	94	71	60	69	68	49	64
Total		3008	2597	1541	1021	594	679	784	584	443	483

All stages

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Malta											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	0
	20-24	-	-	-	-	-	-	-	-	-	0
	25-34	-	-	-	-	-	-	-	-	-	1
	35-44	-	-	-	-	-	-	-	-	-	2
	45+	-	-	-	-	-	-	-	-	-	0
	Unknown	-	-	-	-	-	-	-	-	-	0
Female Total		-	-	-	-	-	-	-	-	-	3
Male	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	0
	20-24	-	-	-	-	-	-	-	-	-	1
	25-34	-	-	-	-	-	-	-	-	-	3
	35-44	-	-	-	-	-	-	-	-	-	3
	45+	-	-	-	-	-	-	-	-	-	2
	Unknown	-	-	-	-	-	-	-	-	-	0
Male Total		-	-	-	-	-	-	-	-	-	9
Total	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	0
	20-24	-	-	-	-	-	-	-	-	-	1
	25-34	-	-	-	-	-	-	-	-	-	4
	35-44	-	-	-	-	-	-	-	-	-	5
	45+	-	-	-	-	-	-	-	-	-	2
	Unknown	-	-	-	-	-	-	-	-	-	0
Total		-	-	-	-	-	-	-	-	-	12

Primary, secondary and latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Netherlands											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	-	-	-	-	-	-	0	0	0	0
	15-19	-	-	-	-	-	-	2	2	0	4
	20-24	-	-	-	-	-	-	6	10	7	5
	25-34	-	-	-	-	-	-	19	13	7	12
	35-44	-	-	-	-	-	-	8	14	16	15
	45+	-	-	-	-	-	-	4	15	11	13
	Unknown	-	-	-	-	-	-	0	0	0	0
Female Total		-	-	-	-	-	-	39	54	41	49
Male	<15	-	-	-	-	-	-	0	0	0	0
	15-19	-	-	-	-	-	-	5	4	4	6
	20-24	-	-	-	-	-	-	30	40	29	30
	25-34	-	-	-	-	-	-	136	169	165	141
	35-44	-	-	-	-	-	-	188	201	198	232
	45+	-	-	-	-	-	-	105	163	151	184
	Unknown	-	-	-	-	-	-	0	0	0	0
Male Total		-	-	-	-	-	-	464	577	547	593
Total	<15	-	-	-	-	-	-	0	0	0	0
	15-19	-	-	-	-	-	-	7	6	4	10
	20-24	-	-	-	-	-	-	36	50	36	35
	25-34	-	-	-	-	-	-	155	182	172	153
	35-44	-	-	-	-	-	-	196	215	214	247
	45+	-	-	-	-	-	-	109	178	162	197
	Unknown	-	-	-	-	-	-	0	0	0	0
Total		-	-	-	-	-	-	503	631	588	642

Primary, secondary and latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Norway											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	0	0	1	0	0	1	0	0	0
	20-24	0	0	0	2	0	0	2	1	0	1
	25-34	1	1	0	1	0	1	0	1	0	0
	35-44	0	0	1	2	0	0	0	1	0	0
	45+	0	0	1	0	0	0	0	0	1	0
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		1	1	2	6	0	1	3	3	1	1
Male	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	1	0	0	1	1	1	0	1	2
	20-24	2	0	3	0	3	3	4	2	1	4
	25-34	1	1	11	9	14	12	11	12	8	13
	35-44	0	3	14	10	9	13	9	11	6	19
	45+	4	2	17	10	4	19	5	3	4	12
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		7	7	45	29	31	48	30	28	20	50
Total	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	1	0	1	1	1	2	0	1	2
	20-24	2	0	3	2	3	3	6	3	1	5
	25-34	2	2	11	10	14	13	11	13	8	13
	35-44	0	3	15	12	9	13	9	12	6	19
	45+	4	2	18	10	4	19	5	3	5	12
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		8	8	47	35	31	49	33	31	21	51

Primary and secondary

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Portugal											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	≤14	0	0	1	0	0	0	1	1	0	2
	15-24	19	17	26	19	20	20	14	7	7	5
	25-34	39	30	45	27	23	21	21	13	9	9
	35-44	14	18	15	13	19	11	8	17	10	13
	45+	15	7	20	12	7	9	13	10	6	5
	Unknown	5	1	1	0	0	0	0	0	0	0
Female Total		92	73	108	71	69	61	57	48	32	34
Male	≤14	0	1	0	1	1	1	2	0	0	1
	15-24	21	14	16	14	11	13	9	7	7	14
	25-34	38	21	45	26	17	22	32	19	22	26
	35-44	27	27	39	35	18	12	21	16	26	26
	45+	43	37	44	28	17	19	26	20	16	26
	Unknown	15	2	0	0	1	1	0	0	0	0
Male Total		144	102	144	104	65	68	90	62	71	93
Total	≤14	0	1	1	1	1	1	3	1	0	3
	15-24	40	31	42	33	31	33	23	14	14	19
	25-34	77	51	90	53	40	43	53	32	31	35
	35-44	41	45	54	48	37	23	29	33	36	39
	45+	58	44	64	40	24	28	39	30	22	31
	Unknown	20	3	1	0	1	1	0	0	0	0
Total		236	175	252	175	134	129	147	110	103	127

Primary, secondary, early latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Slovakia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	4	3	3	8	2	4	7	8	2	5
	16-19	13	7	12	17	13	17	9	9	13	6
	20-24	27	28	39	50	45	30	33	15	19	20
	25-34	27	20	36	71	53	48	41	47	26	40
	35-44	8	9	12	22	22	15	11	12	7	11
	45+	15	15	11	11	24	26	19	18	13	25
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		94	82	113	179	159	140	120	109	80	107
Male	<16	1	3	4	5	2	6	4	2	2	2
	16-19	4	2	7	4	2	14	9	5	5	10
	20-24	16	18	33	35	30	30	15	11	13	16
	25-34	28	30	49	73	68	56	39	26	32	40
	35-44	24	20	30	40	48	31	17	28	12	16
	45+	24	16	43	48	47	46	26	23	33	34
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		97	89	166	205	197	183	110	95	97	118
Total	<16	5	6	7	13	4	10	11	10	4	7
	16-19	17	9	19	21	15	31	18	14	18	16
	20-24	43	46	72	85	75	60	48	26	32	36
	25-34	55	50	85	144	121	104	80	73	58	80
	35-44	32	29	42	62	70	46	28	40	19	27
	45+	39	31	54	59	71	72	45	41	46	59
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		191	171	279	384	356	323	230	204	177	225

All stages

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Slovenia											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	-	-	-	-	0	0	0	0	0	0
	16-19	-	-	-	-	1	1	0	0	0	0
	20-24	-	-	-	-	0	1	0	0	0	0
	25-34	-	-	-	-	1	1	2	2	1	2
	35-44	-	-	-	-	1	0	0	1	0	1
	45+	-	-	-	-	0	0	0	0	0	0
	Unknown	-	-	-	-	1	0	1	0	0	0
Female Total		-	-	-	-	4	3	3	3	1	3
Male	<16	-	-	-	-	0	0	0	0	0	0
	16-19	-	-	-	-	0	0	0	0	0	0
	20-24	-	-	-	-	0	0	0	3	7	2
	25-34	-	-	-	-	4	5	0	2	10	4
	35-44	-	-	-	-	1	0	0	3	8	4
	45+	-	-	-	-	0	4	0	2	3	2
	Unknown	-	-	-	-	0	0	0	0	0	0
Male Total		-	-	-	-	5	9	0	10	28	12
Total	<16	-	-	-	-	0	0	0	0	0	0
	16-19	-	-	-	-	1	1	0	0	0	0
	20-24	-	-	-	-	0	1	0	3	7	2
	25-34	-	-	-	-	5	6	2	4	11	6
	35-44	-	-	-	-	2	0	0	4	8	5
	45+	-	-	-	-	0	4	0	2	3	2
	Unknown	-	-	-	-	1	0	1	0	0	0
Total		-	-	-	-	9	12	3	13	29	15

Primary, secondary and early latent

Table 4.5: Syphilis cases by gender and age group: 1997-2006

Sweden											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<16	1	0	0	0	0	0	0	1	0	0
	16-19	2	0	2	1	0	0	2	3	0	0
	20-24	4	4	4	0	5	6	3	3	3	3
	25-34	8	7	2	13	2	8	7	16	10	27
	35-44	1	2	0	3	1	7	6	9	2	9
	45+	1	3	5	4	2	3	3	2	2	7
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		17	16	13	21	10	24	21	34	17	46
Male	<16	0	0	1	0	1	2	0	1	2	1
	16-19	0	1	0	2	1	2	5	2	1	1
	20-24	3	0	0	2	6	6	9	13	5	8
	25-34	10	9	5	21	26	27	44	40	22	32
	35-44	7	5	12	34	17	42	62	60	32	38
	45+	11	11	7	19	17	25	36	42	29	41
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		31	26	25	78	68	104	156	158	91	121
Total	<16	1	0	1	0	1	2	0	2	2	1
	16-19	2	1	2	3	1	2	7	5	1	1
	20-24	7	4	4	2	11	12	12	16	8	11
	25-34	18	16	7	34	28	35	51	56	32	62
	35-44	8	7	12	37	18	49	68	69	34	48
	45+	12	14	12	23	19	28	39	44	31	48
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		48	42	38	99	78	128	177	192	108	171

Before 1998: primary, secondary & early latent. 1998-2006: stages not always are reported (late latent cases could be included)

Table 4.5: Syphilis cases by gender and age group: 1997-2006

United Kingdom											
Sex	Age Group	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Female	<15	0	0	0	0	0	1	0	0	8	1
	15-19	5	3	13	10	15	18	27	32	39	59
	20-24	11	14	19	13	28	33	43	66	92	83
	25-34	23	22	19	30	41	53	74	101	129	104
	35-44	12	5	1	11	19	22	30	61	100	72
	45+	2	2	5	13	7	11	17	23	52	22
	Unknown	2	3	0	1	1	1	0	0	0	1
Female Total		55	49	57	78	111	139	191	283	420	342
Male	<15	3	0	0	0	0	1	0	0	3	0
	15-19	1	5	7	8	12	29	33	36	79	63
	20-24	13	7	18	25	71	101	140	199	305	290
	25-34	43	37	69	91	245	395	531	660	759	712
	35-44	21	21	44	89	199	395	502	735	783	874
	45+	25	15	25	49	104	189	253	368	453	470
	Unknown	1	5	3	2	11	9	2	1	2	15
Male Total		107	90	166	264	642	1119	1461	1999	2384	2424
Total	<15	3	0	0	0	0	2	0	0	11	1
	15-19	6	8	20	18	27	47	60	68	118	122
	20-24	24	21	37	38	99	134	183	265	397	373
	25-34	66	59	88	121	286	448	605	761	888	816
	35-44	33	26	45	100	218	417	532	796	883	946
	45+	27	17	30	62	111	200	270	391	505	492
	Unknown	3	8	3	3	12	10	2	1	2	16
Total		162	139	223	342	753	1258	1652	2282	2804	2766

Primary and secondary

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Appendix B: Participating countries and national institutions

Austria	Federal Ministry for Health, Family and Youth, Vienna
Belgium	Scientific Institute of Public Health, Brussels
Cyprus	Surveillance Unit, Medical and Public Health Services, Ministry of Health, Nicosia
Czech Republic	National Institute of Public Health, Prague
Denmark	Statens Serum Institut, Copenhagen
Estonia	University of Tartu, Tartu
Finland	National Public Health Institute, Helsinki
France	Insitut de Veille Sanitaire, Paris
Germany	Robert Koch –Institut, Berlin
Greece	Hellenic Centre for Disease Control and Prevention, Athens
Iceland	Directorate of Health, Reykjavik
Ireland	Health Protection Surveillance Centre, Dublin
Italy	Istituto Superiore di Sanita, Rome
Latvia	State Agency of Sexually Transmitted & Skin Diseases, Riga
Malta	Department of Public Health, Msida
Netherlands	National Institute of Public Health & the Environment, Bilthoven
Norway	Norwegian Institute of Public Health, Oslo
Poland	Warwaw School of Medicine, Warsaw
Portugal	General Directorate of Health, Lisbon
Slovak Republic	Public Health Authority of the Slovak Republic, Bratislava
Slovenia	Institute of Public Health, Ljubljana
Spain	Instituto de Salud Carlos III, Madrid
Sweden	Swedish Institute for Infectious Disease Control, Solna
Turkey	Ministry of Health, Ankara
United Kingdom	Health Protection Agency, London Health Protection Scotland, Glasgow