



Sexually Transmitted Infections Surveillance in Europe

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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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ESSTI

Michelle Cole, Microbiologist
Cathy Ison, Microbiologist - Project lead
Catherine Lowndes, Epidemiologist - Surveillance lead
Ennita Nilsson, Administrator
Emma Savage, Epidemiologist – Scientific coordinator

Health Protection Agency Centre for Infections
Department of HIV and STIs
61 Colindale Avenue
London
NW9 5EQ
UK

Email: essti@hpa.org.uk

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Surveillance Report Introduction

The report covers the years 1998 to 2007 and aims to describe basic trends and epidemiological features of the three main bacterial sexually transmitted infections; chlamydia, gonorrhoea and syphilis, 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 Eurostat database (<http://epp.eurostat.ec.europa.eu>).
5. Rates were not calculated for countries with sentinel surveillance systems.
6. Historic trend data for the ten year period 1998-2007 were analysed.
7. Total numbers shown in graphs exclude unknowns.
8. 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 24 countries for syphilis and 23 countries with gonorrhoea surveillance.
- 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.
- Sweden reported a 45% increase in the number of cases during 2007. This increase was probably due to laboratories adopting new testing systems able to detect a new variant of *Chlamydia trachomatis* first reported in Sweden in November 2006. A European survey demonstrated that the variant had not spread widely across Europe with only a few cases occurring outside Sweden.
- Chlamydia infection is found mostly in young people and in particular young women.

2.1 Source of data

Chlamydia surveillance data for 2007 was available from 14 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	1998-2006
Cyprus	Universal Case	2005-2007
Denmark	Universal Laboratory	1998-2007
Estonia	Universal Case	1998-2007
Finland	Universal Laboratory	1998-2007
France	Sentinel Laboratory	1998 -2007
Germany	Not reportable	
Greece	Not reportable	
Iceland	Universal Laboratory	1998-2006
Ireland	Universal Case	1998-2006
Italy	Not reportable	
Latvia	Universal Case	1998-2007
Malta	Universal Case	2004-2007
Netherlands	Sentinel Case	2003-2007
Norway	Universal Laboratory	1998-2007
Poland		
Portugal	Sentinel Case	2000-2007
Slovakia	Not reportable	
Slovenia	Universal Case	1998-2007
Spain	Not reportable	
Sweden	Universal Case	1998-2007
Turkey	Universal Case	2005-2007
United Kingdom	Universal Case ¹	1998-2007

*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:

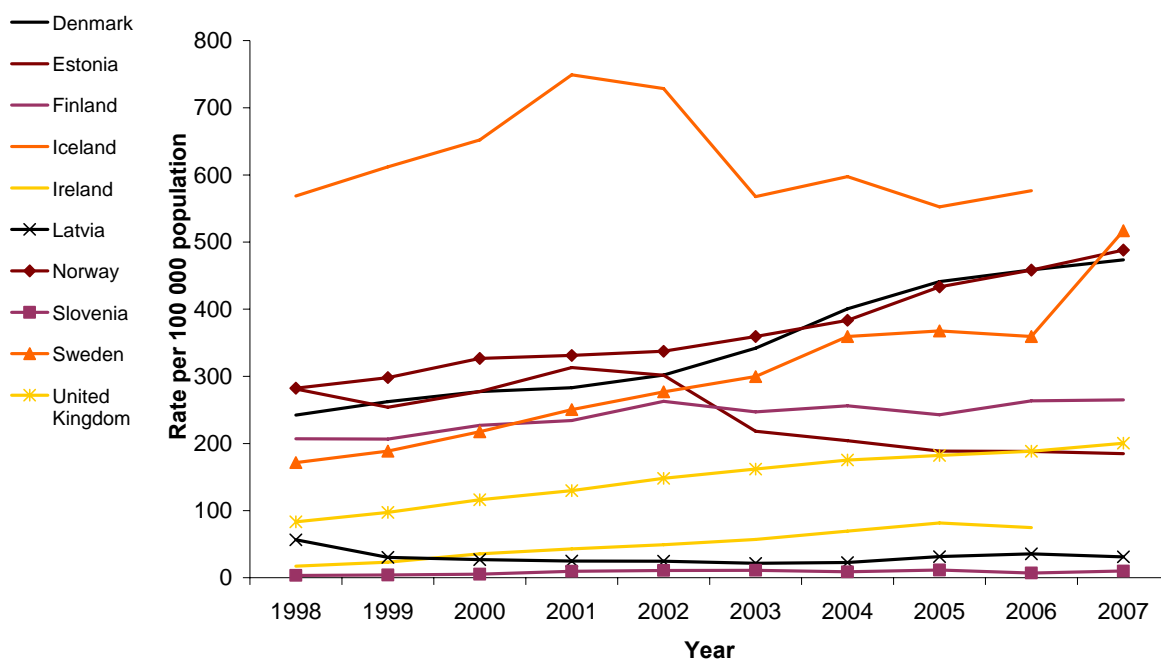
The rate of reported chlamydia diagnoses across Europe varied from 10 cases per 100 000 population in Slovenia to 516 cases per 100 000 population in Sweden (excluding Cyprus where no cases were reported in 2007 and Turkey where a rate of just 0.3 cases per 100 000 population was reported). In 2006, a decrease in the number of reported cases had been seen in eight countries however this year all countries saw an increase in the number of reported cases except for Estonia and Latvia (see Table 2.1 for figures).

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 48% and 37% 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.

Sweden reported a 45% increase in the number of cases during 2007 (32518 in 2006 to 47101 in 2007). This increase was probably due to laboratories adopting new testing systems able to detect the new variant of *Chlamydia trachomatis* first reported in November 2006¹, although an increase in the number of people tested and an increased prevalence of chlamydia in the population could also be contributing factors². The number of cases reported in 2006 was probably also underestimated as this was the first year that the number of cases had not increased. This would also contribute to the very large increase reported in 2007. A European survey demonstrated that the variant had not spread widely across Europe with only a few cases occurring outside Sweden³.

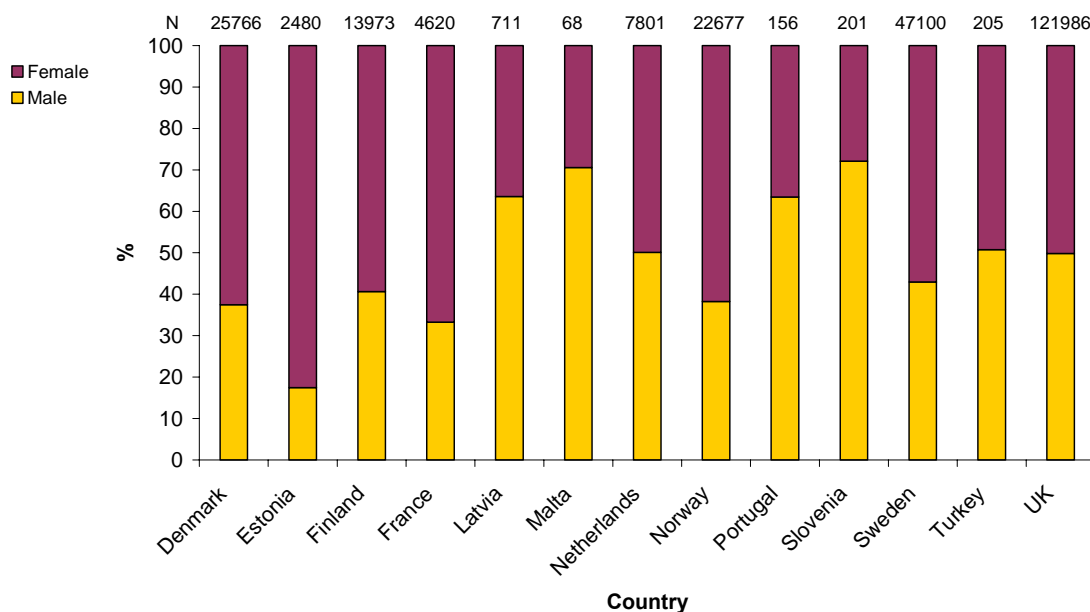
Figure 2.1: Rate of reported chlamydia cases per 100 000 population: 1998-2007



2.3 Age and gender distribution:

Chlamydia was reported more often in women than men. In 2007, as in 2006, 55% of all reported cases were diagnosed in women. This ranged from 29% in Malta to 83% in Estonia (Figure 2.2).

Figure 2.2: Percentage of reported chlamydia cases by reporting country and gender: 2007



Chlamydia continues to be most commonly reported in young people (i.e. below 25 years). In 2007, 68% of all reported cases were in the under-25 age group, a 1% increase from 2006. This ranged from 34% of cases in Slovenia to 74% of cases in Denmark and Sweden. The highest proportion of cases were diagnosed in the 20-24 age group in all countries except in Malta, Portugal and Slovenia where the highest percentage of cases were diagnosed in the 25-34 age group.

The proportion of chlamydia cases diagnosed varied by gender across the age groups. Chlamydia was more commonly diagnosed in the younger age groups among women than among men. In 2007, 77% of all female cases were diagnosed in women less than 25 years of age compared to 58% 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: 2007

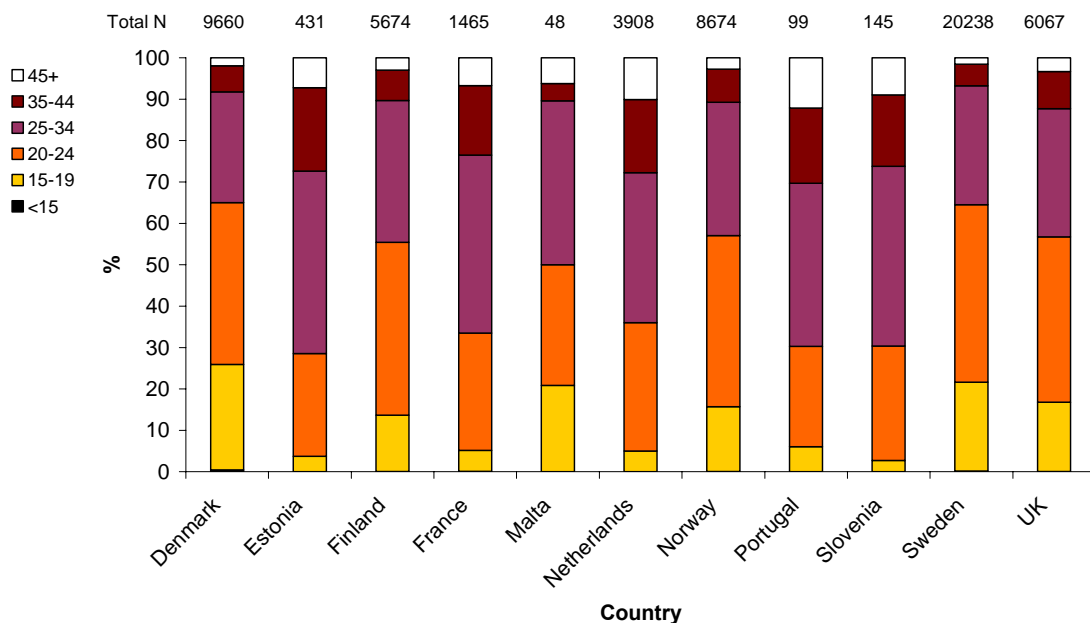
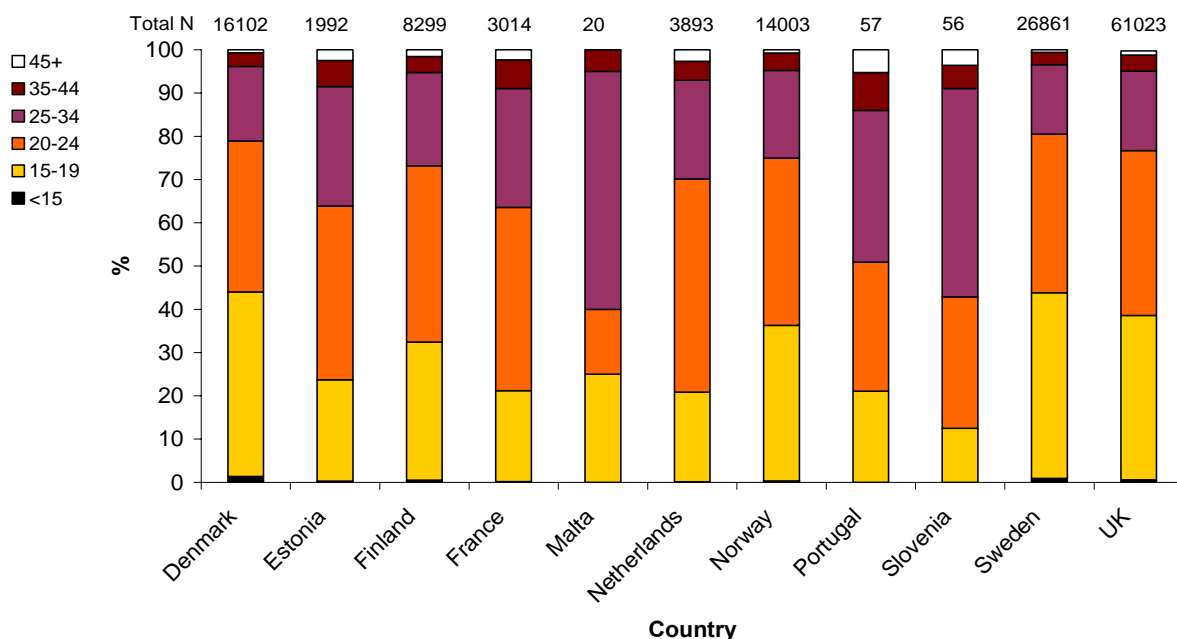


Figure 2.3b: Percentage of reported chlamydia cases in women by country and age group: 2007



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Table 2.2: Total number of chlamydia cases by country: 1998-2007

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	% change 2006-2007	% change 1998-2007
Austria	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	721	793	689	771	1064	1468	1654	2091	2060	NA	NA	NA
Cyprus	-	-	-	-	-	-	-	1	6	0	-100	-
Czech Republic	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	12831	13930	14786	15153	16205	18407	21628	23881	24886	25795	4	101
Estonia	3916	3504	3805	4281	4107	2956	2759	2541	2528	2480	-2	-37
Finland	10654	10660	11731	12142	13661	12863	13366	12720	13850	13973	1	31
France	1897	1934	2063	1724	1985	2404	3031	3337	3971	4620	16	144
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-	-	-
Iceland	1549	1687	1819	2123	2088	1638	1736	1622	1729	NA	NA	NA
Ireland	646	869	1343	1649	1922	2258	2803	3353	3144	NA	NA	NA
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	1367	725	647	589	582	502	528	729	820	711	-13	-48
Malta	-	-	-	-	-	-	23	48	45	72	60	-
Netherlands	-	-	-	-	-	3741	4458	5146	7085	7801	10	-
Norway	12473	13255	14631	14908	15261	16356	17558	19963	21259	22847	7	83
Poland												
Portugal	-	-	67	84	65	78	77	149	110	156	42	-
Slovakia	-	-	-	-	-	-	-	-	-	-	-	-
Slovenia	71	79	103	191	219	222	176	229	144	201	40	183
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	15189	16701	19264	22261	24672	26790	32253	33127	32518	47101	45	210
Turkey	-	-	-	-	-	-	-	149	141	205	45	-
UK	48726	56991	68332	76515	87588	96159	104739	109418	113783	121986	7	150

Table 2.3: Chlamydia cases by country* and gender: 1998-2002

Country	1998		1999		2000		2001		2002	
	M	F	M	F	M	F	M	F	M	F
Belgium	146	565	184	602	175	511	216	546	216	847
Cyprus	-	-	-	-	-	-	-	-	-	-
Denmark	3477	9285	4000	9858	4374	10398	4408	10731	5202	10985
Estonia	1100	2816	1188	2316	1307	2498	1782	2499	1353	2754
Finland	3977	6677	4104	6556	4539	7192	4635	7507	5197	8464
France	634	1263	652	1282	712	1351	526	1198	640	1345
Iceland	566	931	638	1010	674	1097	774	1277	707	1325
Ireland	287	359	398	471	662	679	765	872	880	1018
Latvia	708	659	429	296	431	216	395	194	395	187
Malta	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	25	42	47	37	27	38
Slovenia	-	-	-	-	-	-	72	119	90	129
Sweden	6265	8924	7019	9682	8217	11047	9608	12653	10622	14050
Turkey	-	-	-	-	-	-	-	-	-	-
UK	21064	27662	24435	32556	29818	38514	33362	43153	38676	48912

*Countries with no data by gender are excluded from table

Table 2.3: Chlamydia cases by country* and gender: 2003-2007

Country	2003		2004		2005		2006		2007	
	M	F	M	F	M	F	M	F	M	F
Belgium	290	1169	386	1258	515	1568	542	1508		
Cyprus	-	-	-	-	1	0	4	2	0	0
Denmark	5954	12430	7662	13943	8680	15168	9200	15650	9660	16106
Estonia	639	2317	602	2157	473	2068	408	2120	433	2047
Finland	4976	7887	5317	8049	5036	7684	5606	8244	5674	8299
France	734	1670	1039	1992	1163	2174	1266	2705	1537	3083
Iceland	614	962	645	1019	642	948	648	1024		
Ireland	993	1234	1264	1492	1518	1763	1454	1659		
Latvia	352	150	364	164	516	213	533	287	452	259
Malta	-	-	15	8	21	27	23	22	48	20
Netherlands	2071	1670	2395	2063	2696	2450	3567	3518	3908	3893
Norway	-	-	-	-	7559	12211	8181	12932	8674	14003
Portugal	40	38	42	35	80	69	58	52	99	57
Slovenia	94	128	86	90	101	128	92	52	145	56
Sweden	11487	15303	14030	18223	14300	18827	14080	18436	20238	26862
Turkey	-	-	-	-	88	61	76	65	104	101
UK	43188	52971	48625	56114	51911	57507	56187	57596	60798	61188

*Countries with no data by gender are excluded from table

Table 2.4: Chlamydia cases by gender and age group: 1998-2006

Belgium											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	10	7	17	18	12	13	10	16	42	
	15-19	56	74	66	67	94	157	181	287	254	
	20-24	153	160	144	164	230	367	389	503	525	
	25-34	216	237	176	165	339	404	467	509	497	
	35-44	86	78	55	65	112	147	142	161	139	
	45+	36	37	40	57	44	56	50	52	51	
	Unknown	8	9	13	10	16	25	19	40	0	
Female Total		565	602	511	546	847	1169	1258	1568	1508	
Male	<15	3	2	13	20	2	8	6	3	20	
	15-19	3	5	3	8	9	14	21	28	25	
	20-24	21	26	32	22	38	45	68	85	94	
	25-34	51	72	62	73	85	100	157	215	232	
	35-44	37	42	39	42	49	79	88	120	113	
	45+	30	34	24	49	32	44	44	51	58	
	Unknown	1	3	2	2	1	0	2	13	0	
Male Total		146	184	175	216	216	290	386	515	542	
Total	<15	13	9	30	41	14	21	16	19	63	
	15-19	62	79	69	76	103	171	202	316	281	
	20-24	176	186	176	188	268	414	460	591	622	
	25-34	270	309	238	240	424	506	627	727	732	
	35-44	125	120	95	107	161	228	232	282	252	
	45+	66	71	65	107	76	100	94	103	110	
	Unknown	9	12	16	12	18	28	23	53	0	
Total		721	793	689	771	1064	1468	1654	2091	2060	

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Cyprus											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	-	-	0	0	0
	15-19	-	-	-	-	-	-	-	0	1	0
	20-24	-	-	-	-	-	-	-	0	0	0
	25-34	-	-	-	-	-	-	-	0	1	0
	35-44	-	-	-	-	-	-	-	0	0	0
	45+	-	-	-	-	-	-	-	0	0	0
	Unknown	-	-	-	-	-	-	-	0	0	0
Female Total		-	-	-	-	-	-	-	0	2	0
Male	<15	-	-	-	-	-	-	-	0	0	0
	15-19	-	-	-	-	-	-	-	0	0	0
	20-24	-	-	-	-	-	-	-	0	0	0
	25-34	-	-	-	-	-	-	-	1	1	0
	35-44	-	-	-	-	-	-	-	0	3	0
	45+	-	-	-	-	-	-	-	0	0	0
	Unknown	-	-	-	-	-	-	-	0	0	0
Male Total		-	-	-	-	-	-	-	1	4	0
Total	<15	-	-	-	-	-	-	-	0	0	0
	15-19	-	-	-	-	-	-	-	0	1	0
	20-24	-	-	-	-	-	-	-	0	0	0
	25-34	-	-	-	-	-	-	-	1	2	0
	35-44	-	-	-	-	-	-	-	0	3	0
	45+	-	-	-	-	-	-	-	0	0	0
	Unknown	-	-	-	-	-	-	-	0	0	0
Total		-	-	-	-	-	-	-	1	6	0

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Denmark											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	80	70	62	109	95	108	162	183	195	222
	15-19	2555	2764	2965	3206	3437	3843	4831	5766	6254	6866
	20-24	4037	4273	4362	4454	4504	4969	5211	5394	5416	5613
	25-34	2136	2317	2464	2510	2549	2937	3162	3186	3131	2782
	35-44	360	367	393	393	342	469	495	548	535	507
	45+	117	67	100	54	55	85	67	77	111	112
	Unknown	-	-	13	5	3	16	13	12	8	4
Female Total		9285	9858	10398	10731	10985	12430	13943	15168	15650	16106
Male	<15	52	46	41	54	37	29	37	61	61	43
	15-19	427	551	610	699	776	883	1429	1943	2172	2461
	20-24	1429	1686	1779	1744	2085	2420	3008	3351	3530	3775
	25-34	1224	1387	1517	1546	1863	2075	2561	2640	2716	2587
	35-44	253	255	296	269	349	422	510	530	578	608
	45+	92	75	92	84	88	125	113	143	142	186
	Unknown	-	-	34	12	2	0	2	3	1	0
Male Total		3477	4000	4374	4408	5202	5954	7662	8680	9200	9660
Total	<15	132	116	103	163	132	137	199	244	256	268
	15-19	2982	3315	3575	3905	4213	4726	6260	7709	8426	9328
	20-24	5466	5959	6142	6199	6594	7394	8220	8747	8951	9391
	25-34	3360	3704	3983	4057	4418	5017	5728	5837	5850	5379
	35-44	613	622	692	663	691	892	1007	1078	1118	1115
	45+	209	142	192	138	143	210	180	221	253	298
	Unknown	-	-	49	24	7	24	27	28	11	18
Total		12762	13858	14786	15153	16205	18407	21628	23881	24886	25795

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Estonia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	0	0	0	0	0	0	6	2	5
	15-19	-	380	435	436	524	522	481	475	525	467
	20-24	-	716	784	863	941	835	809	815	854	801
	25-34	-	800	845	846	844	705	630	550	527	550
	35-44	-	264	298	265	354	171	160	166	145	120
	45+	-	152	134	89	91	84	77	43	54	49
	Unknown	-	0	0	0	0	0	0	13	13	55
Female Total		-	2312	2496	2499	2754	2317	2157	2068	2120	2047
Male	<15	-	0	0	0	0	0	0	0	0	0
	15-19	-	101	69	97	69	28	26	26	17	16
	20-24	-	296	282	447	356	171	174	144	132	107
	25-34	-	444	614	795	584	274	262	210	177	190
	35-44	-	238	240	297	223	110	107	74	56	87
	45+	-	108	102	146	121	56	33	18	26	31
	Unknown	-	0	0	0	0	0	0	1	0	2
Male Total		-	1187	1307	1782	1353	639	602	473	408	433
Total	<15	-	5	2	0	0	0	0	6	2	5
	15-19	-	481	504	533	593	550	507	501	542	483
	20-24	-	1012	1066	1310	1297	1006	983	959	986	908
	25-34	-	1244	1459	1641	1428	979	892	760	704	740
	35-44	-	502	538	562	577	281	267	240	201	207
	45+	-	260	236	235	212	140	110	61	80	80
	Unknown	-	0	0	0	0	0	0	14	13	57
Total		-	3504	3805	4281	4107	2956	2759	2541	2528	2480

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Finland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	43	41	57	59	72	62	65	40	66	39
	15-19	2004	2139	2350	2556	3068	2762	2715	2472	2578	2652
	20-24	2717	2543	2899	2973	3296	3193	3259	3205	3456	3382
	25-34	1470	1402	1456	1451	1566	1483	1591	1553	1675	1788
	35-44	337	337	331	381	349	293	320	336	364	310
	45+	106	94	99	87	113	94	99	78	105	128
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		6677	6556	7192	7507	8464	7887	8049	7684	8244	8299
Male	<15	10	9	9	9	7	7	8	8	9	3
	15-19	441	481	596	653	792	698	762	643	738	772
	20-24	1664	1699	1932	2024	2239	2123	2276	2185	2396	2371
	25-34	1404	1408	1493	1434	1663	1627	1738	1664	1868	1942
	35-44	181	198	376	381	368	206	406	404	413	417
	45+	277	309	133	134	128	315	127	132	182	169
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		3977	4104	4539	4635	5197	4976	5317	5036	5606	5674
Total	<15	53	50	66	68	79	69	73	48	75	42
	15-19	2445	2620	2946	3209	3860	3460	3477	3115	3316	3424
	20-24	4381	4242	4831	4997	5535	5316	5535	5390	5852	5753
	25-34	2874	2810	2949	2885	3229	3110	3329	3217	3543	3730
	35-44	518	535	707	762	717	499	726	740	777	727
	45+	383	403	232	221	241	409	226	210	287	297
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		10654	10660	11731	12142	13661	12863	13366	12720	13850	13973

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

France											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	3	5	9	4	5	3	4	5	4	6
	15-19	139	191	166	203	243	278	320	392	524	633
	20-24	357	422	374	405	497	610	762	876	1095	1276
	25-34	445	380	390	355	408	462	541	640	775	830
	35-44	164	166	122	101	104	106	133	155	169	198
	45+	71	68	40	34	38	43	58	5859	92	71
	Unknown	84	50	250	96	50	168	174	47	46	69
Female Total		1263	1282	1351	1198	1345	1670	1992	2174	2705	3083
Male	<15	2	0	1	8	4	0	3	3	1	1
	15-19	20	18	25	17	21	17	30	42	60	77
	20-24	99	121	118	99	150	138	222	272	340	425
	25-34	252	296	268	235	277	300	424	507	533	645
	35-44	152	150	132	100	120	138	195	225	227	252
	45+	64	50	37	42	58	51	84	97	95	101
	Unknown	45	17	131	25	10	90	81	17	10	36
Male Total		634	652	712	526	640	734	1039	1163	1266	1537
Total	<15	5	5	10	12	9	3	7	8	5	7
	15-19	159	209	191	220	264	295	350	434	584	710
	20-24	456	543	492	504	647	748	984	1148	1435	1701
	25-34	697	676	658	590	685	762	965	1147	1308	1475
	35-44	316	316	254	201	224	244	328	380	396	450
	45+	135	118	77	76	96	94	142	156	187	172
	Unknown	129	67	381	121	60	258	255	64	56	105
Total		1897	1934	2063	1724	1985	2404	3031	3337	3971	4620

Table 2.4: Chlamydia cases by gender and age group: 1998-2006

Iceland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	9	8	9	10	8	6	4	6	5	
	15-19	320	340	343	417	436	296	327	286	360	
	20-24	305	338	404	425	498	384	377	359	348	
	25-34	129	165	173	203	207	165	199	202	208	
	35-44	20	23	19	46	32	14	39	25	32	
	45+	3	7	3	8	5	5	6	4	9	
	Unknown	145	129	146	168	139	92	67	66	62	
Female Total		931	1010	1097	1277	1325	962	1019	948	1024	
Male	<15	5	5	4	4	1	4	5	1	1	
	15-19	98	94	94	121	114	87	96	81	105	
	20-24	245	257	302	352	323	292	307	296	282	
	25-34	133	216	189	202	215	183	191	198	196	
	35-44	29	12	34	30	37	25	25	19	44	
	45+	5	10	4	9	9	10	10	8	6	
	Unknown	51	44	47	56	8	13	11	9	14	
Male Total		566	638	674	774	707	614	645	612	648	
Total	<15	14	15	13	15	9	10	9	7	6	
	15-19	419	437	440	547	553	388	427	367	466	
	20-24	555	597	711	791	828	685	691	657	630	
	25-34	266	382	366	409	428	358	401	403	407	
	35-44	49	35	53	77	69	40	65	45	76	
	45+	8	17	7	17	14	15	16	12	15	
	Unknown	238	204	229	267	187	142	127	131	129	
Total		1549	1687	1819	2123	2088	1638	1736	1622	1729	

Table 2.4: Chlamydia cases by gender and age group: 1998-2006

Ireland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
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	52	80	116	153	151	274	395	473	434	
	20-29	160	174	327	557	643	1564	1955	2305	2193	
	30-39	21	34	51	102	121	307	350	459	415	
	40+	3	7	9	30	30	63	80	101	95	
	Unknown	410	574	840	807	977	50	23	15	7	
Total		646	869	1343	1649	1922	2258	2803	3353	3144	

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Latvia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	1	2	1	2	2	0	0	0	1	0
	15-19	118	62	45	30	38	28	23	41	44	40
	20-24	184	90	69	91	63	55	62	85	124	100
	25-34	212	86	66	47	54	44	62	63	80	73
	35-39	52	22	11	12	14	12	12	11	21	25
	40-49	59	24	19	9	12	9	4	13	16	16
	50+	33	10	5	3	4	2	1	0	1	5
Female Total		659	296	216	194	187	150	164	213	287	259
Male	<15	2	2	0	0	0	0	0	0	0	0
	15-19	61	35	40	18	15	22	26	29	23	15
	20-24	198	120	148	115	125	122	104	133	145	121
	25-34	271	187	169	167	181	146	165	221	251	190
	35-39	60	32	30	45	37	33	30	59	55	65
	40-49	83	37	34	39	28	21	32	58	47	47
	50+	33	16	10	11	9	8	7	16	12	14
Male Total		708	429	431	395	395	352	364	516	533	452
Total	<15	3	4	1	2	2	0	0	0	1	0
	15-19	179	97	85	48	53	50	49	70	67	55
	20-24	382	210	217	206	188	177	166	218	269	221
	25-34	483	273	235	214	235	190	227	284	331	263
	35-39	112	54	41	57	51	45	42	70	76	90
	40-49	142	61	53	48	40	30	36	71	63	63
	50+	66	26	15	14	13	10	8	16	13	19
Total		1367	725	647	589	582	502	528	729	820	711

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Malta											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	5
	20-24	-	-	-	-	-	-	-	-	-	3
	25-34	-	-	-	-	-	-	-	-	-	11
	35-44	-	-	-	-	-	-	-	-	-	1
	45+	-	-	-	-	-	-	-	-	-	0
	Unknown	-	-	-	-	-	-	-	-	-	0
Female Total		-	-	-	-	-	-	-	-	-	20
Male	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	10
	20-24	-	-	-	-	-	-	-	-	-	14
	25-34	-	-	-	-	-	-	-	-	-	19
	35-44	-	-	-	-	-	-	-	-	-	2
	45+	-	-	-	-	-	-	-	-	-	3
	Unknown	-	-	-	-	-	-	-	-	-	0
Male Total		-	-	-	-	-	-	-	-	-	48
Total	<15	-	-	-	-	-	-	-	-	-	0
	15-19	-	-	-	-	-	-	-	-	-	15
	20-24	-	-	-	-	-	-	-	-	-	17
	25-34	-	-	-	-	-	-	-	-	-	30
	35-44	-	-	-	-	-	-	-	-	-	3
	45+	-	-	-	-	-	-	-	-	-	3
	Unknown	-	-	-	-	-	-	-	-	-	0
Total		-	-	-	-	-	-	-	-	-	68

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Netherlands											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	4	2	6	4	5
	15-19	-	-	-	-	-	353	448	535	729	807
	20-24	-	-	-	-	-	758	952	1205	1703	1918
	25-34	-	-	-	-	-	414	526	570	850	889
	35-44	-	-	-	-	-	106	110	103	162	171
	45+	-	-	-	-	-	33	24	31	70	103
	Unknown	-	-	-	-	-	2	1	0	0	0
Female Total		-	-	-	-	-	1670	2063	2450	3518	3893
Male	<15	-	-	-	-	-	2	1	1	0	0
	15-19	-	-	-	-	-	101	113	143	178	195
	20-24	-	-	-	-	-	518	647	754	1135	1212
	25-34	-	-	-	-	-	832	930	1059	1276	1417
	35-44	-	-	-	-	-	474	499	516	663	689
	45+	-	-	-	-	-	141	206	223	315	395
	Unknown	-	-	-	-	-	2	0	0	0	0
Male Total		-	-	-	-	-	2071	2395	2696	3567	3908
Total	<15	-	-	-	-	-	6	3	7	4	5
	15-19	-	-	-	-	-	454	561	678	907	1002
	20-24	-	-	-	-	-	1276	1599	1959	2838	3130
	25-34	-	-	-	-	-	1246	1456	1629	2126	2306
	35-44	-	-	-	-	-	580	609	619	825	860
	45+	-	-	-	-	-	174	230	254	385	498
	Unknown	-	-	-	-	-	4	1	0	0	0
Total		-	-	-	-	-	3741	4458	5146	7085	7801

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Norway											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	-	-	34	40	41
	15-19	-	-	-	-	-	-	-	3615	4463	5040
	20-24	-	-	-	-	-	-	-	4621	5040	5418
	25-34	-	-	-	-	-	-	-	2685	2793	2832
	35-44	-	-	-	-	-	-	-	474	512	569
	45+	-	-	-	-	-	-	-	122	84	103
	Unknown	-	-	-	-	-	-	-	657	0	0
Female Total		-	-	-	-	-	-	-	12209	12932	14003
Male	<15	-	-	-	-	-	-	-	3	1	2
	15-19	-	-	-	-	-	-	-	808	1120	1359
	20-24	-	-	-	-	-	-	-	2906	3303	3587
	25-34	-	-	-	-	-	-	-	2593	2831	2795
	35-44	-	-	-	-	-	-	-	620	700	694
	45+	-	-	-	-	-	-	-	221	226	237
	Unknown	-	-	-	-	-	-	-	407	0	0
Male Total		-	-	-	-	-	-	-	7556	8181	8674
Total*	<15	-	-	-	-	-	-	-	41	41	43
	15-19	-	-	-	-	-	-	-	4476	5638	6462
	20-24	-	-	-	-	-	-	-	7527	8398	9074
	25-34	-	-	-	-	-	-	-	5278	5654	5659
	35-44	-	-	-	-	-	-	-	1094	1218	1265
	45+	-	-	-	-	-	-	-	343	310	344
	Unknown	-	-	-	-	-	-	-	1064	0	0
Total		-	-	-	-	-	-	-	19963	21259	22847

*Total in 2007 includes 170 cases where sex is unknown.

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Portugal											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	5	4	2	7	4	6	7	12
	20-24	-	-	12	17	14	14	8	22	19	17
	25-34	-	-	14	7	12	11	17	26	16	20
	35-44	-	-	7	6	7	3	2	11	8	5
	45+	-	-	4	3	3	3	3	4	2	3
	Unknown	-	-	0	0	0	0	0	0	0	0
Female Total		-	-	42	37	38	38	34	69	52	57
Male	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	0	1	0	2	2	5	2	6
	20-24	-	-	8	14	10	12	6	21	13	24
	25-34	-	-	8	17	10	20	27	36	25	39
	35-44	-	-	4	14	5	4	4	9	12	18
	45+	-	-	5	1	2	2	3	9	6	12
	Unknown	-	-	0	0	0	0	0	0	0	0
Male Total		-	-	25	47	27	40	42	80	58	99
Total	<15	-	-	0	0	0	0	0	0	0	0
	15-19	-	-	5	5	2	9	6	11	9	18
	20-24	-	-	20	31	24	26	14	43	32	41
	25-34	-	-	22	24	22	31	44	62	41	59
	35-44	-	-	11	20	12	7	6	20	20	23
	45+	-	-	9	4	5	5	6	13	8	15
	Unknown	-	-	0	0	0	0	1	0	0	0
Total		-	-	67	84	65	78	77	149	110	156

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Slovenia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15				0	1	9	1	1	0	0
	15-19				14	18	10	12	12	3	7
	20-24	-	-	-	41	34	33	29	44	19	17
	25-34	-	-	-	42	54	55	38	55	27	27
	35-44	-	-	-	18	16	17	8	10	3	3
	45+	-	-	-	4	6	4	2	5	0	2
	Unknown	-	-	-	0	0	0	0	1	0	0
Female Total		-	-	-	119	129	128	90	128	52	56
Male	<15				1	1	0	1	0	0	0
	15-19				4	4	2	7	3	2	4
	20-24	-	-	-	18	25	19	19	20	22	40
	25-34	-	-	-	31	39	54	42	57	53	63
	35-44	-	-	-	11	15	15	14	16	11	25
	45+	-	-	-	7	6	4	3	4	4	13
	Unknown	-	-	-	0	0	0	0	1	0	0
Male Total		-	-	-	72	90	94	86	101	92	145
Total	<15				1	2	9	2	1	0	0
	15-19				18	22	12	19	15	5	11
	20-24	-	-	-	59	59	52	48	64	41	57
	25-34	-	-	-	73	93	109	80	112	80	90
	35-44	-	-	-	29	31	32	22	26	14	28
	45+	-	-	-	11	12	8	5	9	4	15
	Unknown	-	-	-	0	0	0	0	2	0	0
Total		-	-	-	191	219	222	176	229	144	201

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

Sweden											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006*	2007*
Female	<16	163	164	208	276	303	619	834	800	167	251
	16-19	2599	2788	3068	3712	4215	5438	6807	7008	7038	11531
	20-24	3841	4098	4725	5358	5810	5585	6608	6905	6947	9835
	25-34	1974	2254	2604	2762	3086	3018	3233	3292	3438	4312
	35-44	267	294	364	441	518	524	582	673	683	772
	45+	79	84	78	104	118	119	157	149	163	161
	Unknown	1	0	0	0	0	0	2	0	0	0
Female Total		8924	9682	11047	12653	14050	15303	18223	18827	18436	26861
Male	<16	24	33	33	27	33	67	87	123	36	33
	16-19	777	860	927	1155	1342	1872	2663	2687	2472	4348
	20-24	2611	2893	3410	4140	4481	5017	5969	6122	5911	8677
	25-34	2312	2625	3165	3452	3812	3611	4267	4241	4443	5814
	35-44	413	460	533	639	745	739	814	877	907	1052
	45+	128	148	149	195	209	181	228	250	311	314
	Unknown	0	0	0	0	0	0	2	0	0	0
Male Total		6265	7019	8217	9608	10622	11487	14030	14300	14080	20238
Total	<16	187	197	241	303	336	686	921	923	203	284
	16-19	3376	3648	3995	4867	5557	7310	9470	9695	9512	15879
	20-24	6452	6991	8135	9498	10291	10602	12577	13027	12858	18513
	25-34	4286	4879	5769	6214	6898	6629	7500	7533	7881	10126
	35-44	680	754	897	1080	1263	1263	1396	1550	1590	1824
	45+	207	232	227	299	327	300	385	399	474	475
	Unknown	1	0	0	0	0	0	4	0	0	0
Total		15189	16701	19264	22261	24672	26790	32253	33127	32518	47101

*In 2006 and 2007 data are provided for the age groups <15 and 15-19.

Table 2.4: Chlamydia cases by gender and age group: 1998-2007

United Kingdom											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	146	181	197	239	255	294	306	320	349	364
	15-19	9604	11473	13456	15054	17429	19573	21124	21824	21551	23250
	20-24	9889	11643	14228	16035	18653	20235	21606	22170	22169	23300
	25-34	6520	7326	8356	9423	9875	10234	10393	10480	10878	11282
	35-44	1224	1365	1729	1966	2165	2157	2144	2157	2087	2226
	45+	238	278	327	398	415	468	528	527	527	601
	Unknown	41	290	221	38	120	10	13	29	35	165
Female Total		27662	32556	38514	43153	48912	52971	56114	57507	57596	61188
Male	<15	18	25	19	25	27	34	32	34	40	38
	15-19	2607	3220	4066	4622	5744	6678	7705	8314	8995	10167
	20-24	6832	8217	10388	12159	14661	17204	19810	21196	22636	24218
	25-34	8669	9477	11092	11960	13017	13745	15218	16149	17583	18792
	35-44	2291	2580	3245	3639	4030	4331	4496	4683	5181	5447
	45+	624	704	844	933	1070	1140	1331	1527	1740	2013
	Unknown	23	212	164	24	127	56	33	8	12	123
Male Total		21064	24435	29818	33362	38676	43188	48625	51911	56187	60798
Total	<15	164	206	216	264	282	328	338	354	389	402
	15-19	12211	14693	17522	19676	23173	26251	28829	30138	30546	33417
	20-24	16721	19860	24616	28194	33314	37439	41416	43366	44805	47518
	25-34	15189	16803	19448	21383	22892	23979	25611	26629	28461	30074
	35-44	3515	3945	4974	5605	6195	6488	6640	6840	7268	7673
	45+	862	982	1171	1331	1485	1608	1859	2054	2267	2614
	Unknown	64	502	385	62	247	66	46	37	47	288
Total		48726	56991	68332	76515	87588	96159	104739	109418	113783	121986

3. Gonorrhoea

- The number of reported cases of gonorrhoea has increased in a number of countries in the last year although no consistent trend across Europe has been seen.
- Gonorrhoea is more commonly reported in men with 71% of all reported cases in Europe during 2007 occurring in men.
- Gonorrhoea occurs predominantly in men aged 25 years and above. Infected women are more likely to be younger.
- In 2007, over a third of all reported male cases were homosexually acquired in countries where information on sexual route of transmission was collected.

3.1 Source of data

Gonorrhoea surveillance data for 2007 was available from 20 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	1998-2007
Belgium	Sentinel Laboratory	1998-2006
Cyprus	Universal Case	1998-2007
Czech Republic	Universal Case	1998-2007
Denmark	Combined Universal Laboratory and Case	1998-2007
Estonia	Universal Case	1998-2007
Finland	Universal Case	1998-2007
France	Sentinel Laboratory	1998-2007
Germany	Not reportable	
Greece	Universal Case ¹	1998-2007
Iceland	Universal Case	1998-2006
Ireland	Universal Case	1998-2006
Italy	Universal Case	1998-2007
Latvia	Universal Case	1998-2007
Malta	Universal Case	2004-2007
Netherlands	Sentinel Case	2003-2007
Norway	Universal Case	1998-2007
Poland		
Portugal	Universal Case	1998-2007
Slovakia	Universal Case	1998-2007
Slovenia	Universal Case	1998-2007
Spain	Universal Case	1998-2007
Sweden	Universal Case	1998-2007
Turkey	Universal Case	1998-2007
United Kingdom	Universal Case ¹	1998-2007

^{*}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 2007 varied from 0.3 cases per 100 000 population (Italy) to 30.8 cases per 100 000 population (UK). The UK has disproportionately high rates of infection among particular core groups in the population, most notably black ethnic communities¹. In the past year trends have varied across Europe with ten countries (Czech Republic, France, Greece, Malta, Netherlands, Norway, Portugal, Slovakia, Slovenia and Spain) seeing an increase in the number of reported cases. The greatest increase was seen in Malta where there was a 66% increase in the number of cases (32 cases in 2006 to 53 cases in 2007). A fall in the number of cases ranging from 1% in the UK (18,898 cases to 18,710 cases) to 48% in Italy (392 cases to 202 cases) was seen in the ten other reporting countries. See Table 3.1 for all figures.

In most countries the rate of reported gonorrhoea cases has remained fairly steady in recent years. Estonia and Latvia have seen dramatic falls in the rate of reported cases in the past decade from 113 and 51 cases per 100 000 respectively to 13 and 29 cases per 100 000 population (Figure 3.1). The number of reported cases has also decreased in Cyprus. In Western Europe, Austria and the UK both saw an increase in the rate of reported cases in the early 2000s but the number of cases has been declining since 2003. Iceland and Ireland have seen a big increase in the rate of cases since 2003. Data were not available for 2007 so it's not clear if this trend has continued. The rate of cases in most other countries has remained relatively stable over previous years (Figure 3.2).

Figure 3.1: Rate of reported gonorrhoea cases per 100 000 population in Central & Eastern Europe: 1998-2007

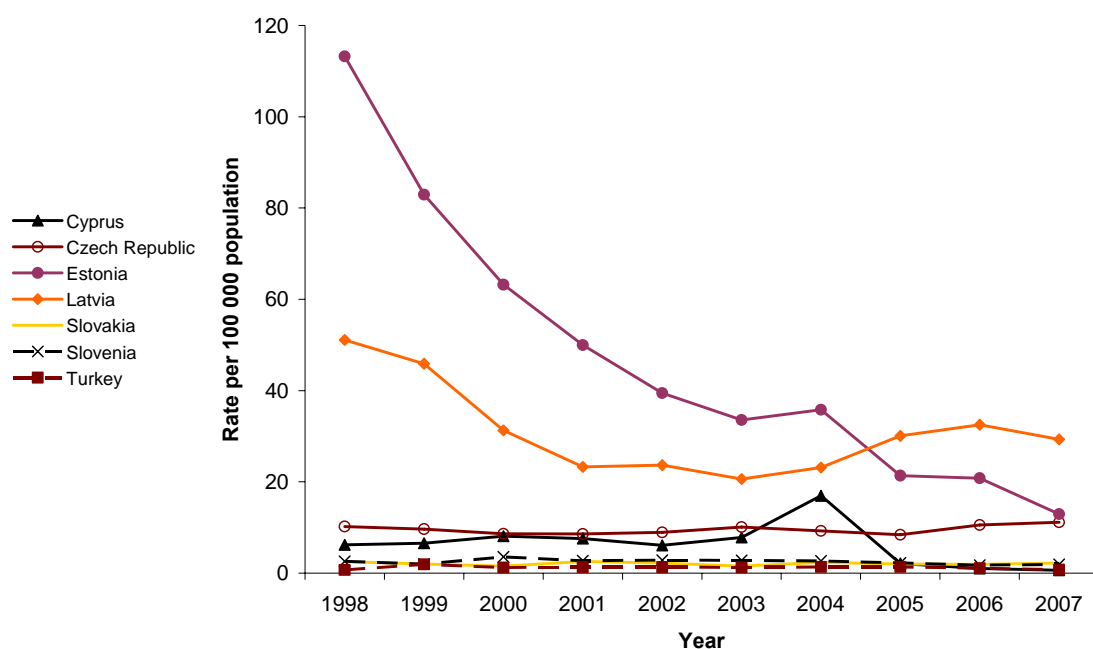
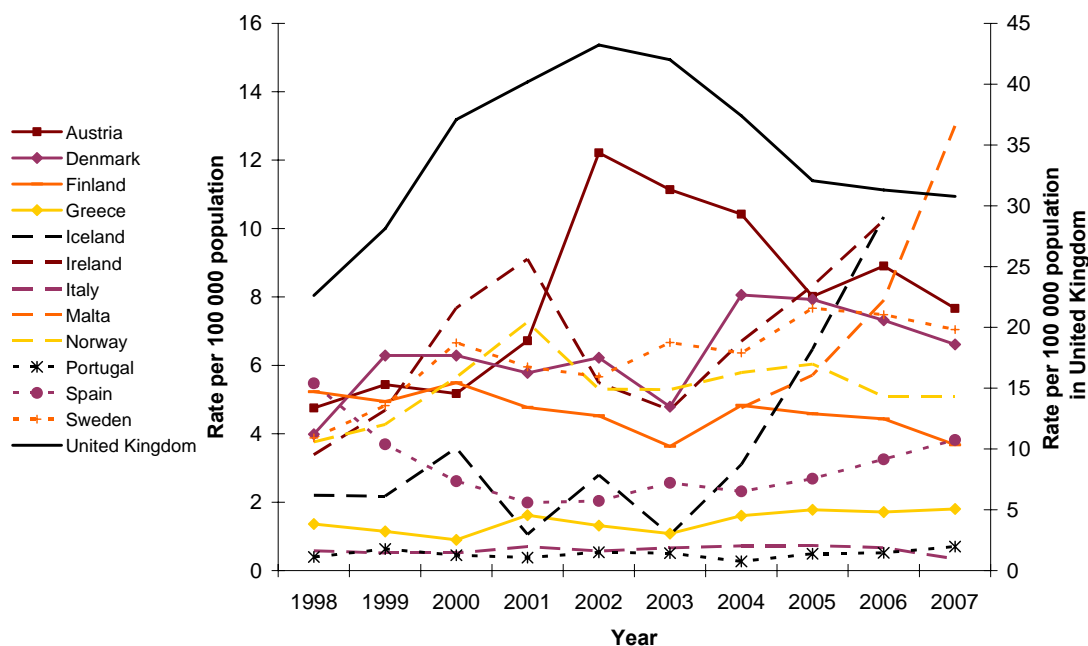


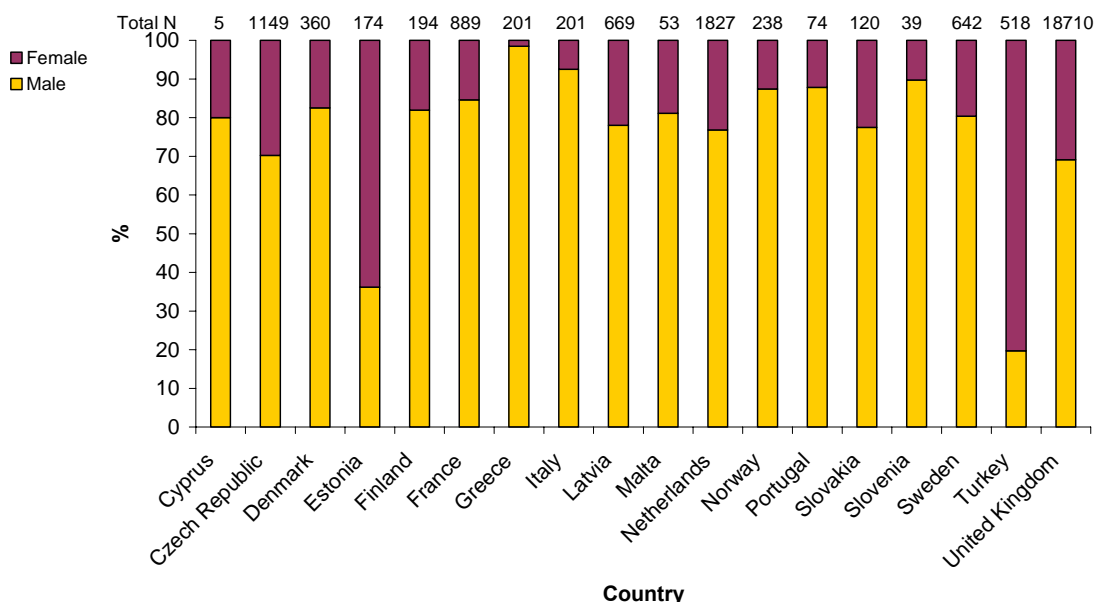
Figure 3.2: Rate of reported gonorrhoea cases per 100 000 population in Western Europe: 1998-2007



3.3 Age and gender distribution:

Gonorrhoea continues to be reported more often in men than women. In 2007, 71% of all reported cases were diagnosed in men. This ranged from 20% of cases in Turkey to 99% of cases reported in Greece (see Figure 3.3).

Figure 3.3: Percentage of reported gonorrhoea cases by reporting country and gender: 2007



Over half of all reported cases of gonorrhoea in 2007 were diagnosed in people aged over 25 years of age ranging from 48% of cases in the UK to 83% in Greece. The 25-34 years age group had the highest percentage of cases in 9/13 European countries where data are available in those age groupings. A higher percentage of cases were diagnosed in men aged over 25 (63%) compared to women where only 29% of cases were diagnosed in those aged over 25 years old (Figures 3.4a and 3.4b).

Figure 3.4a Percentage of reported gonorrhoea cases in men by country and age group: 2007

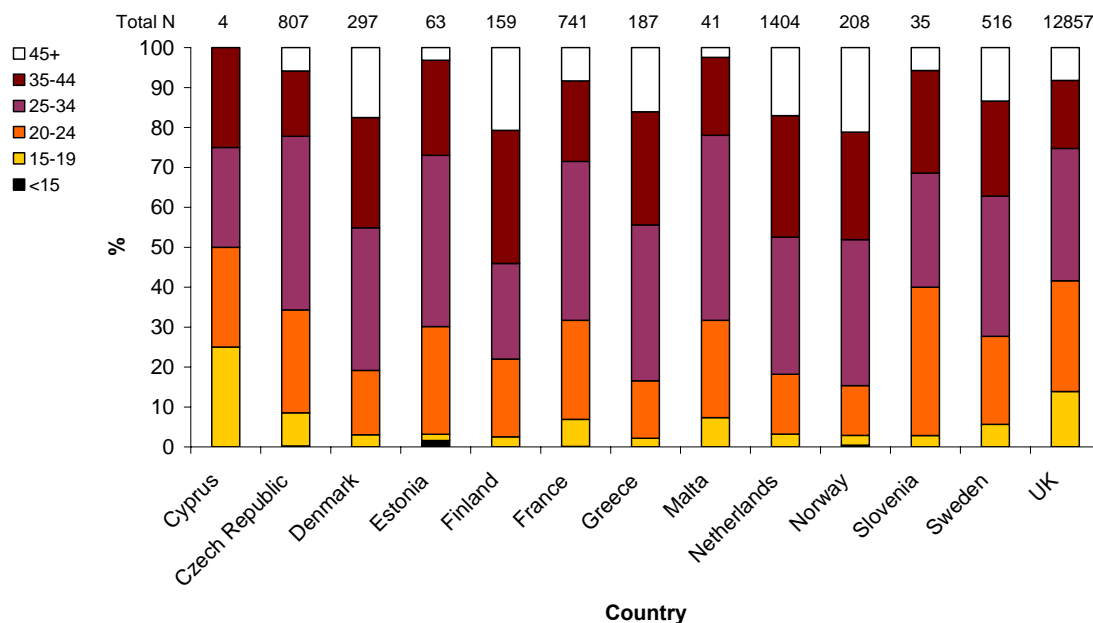
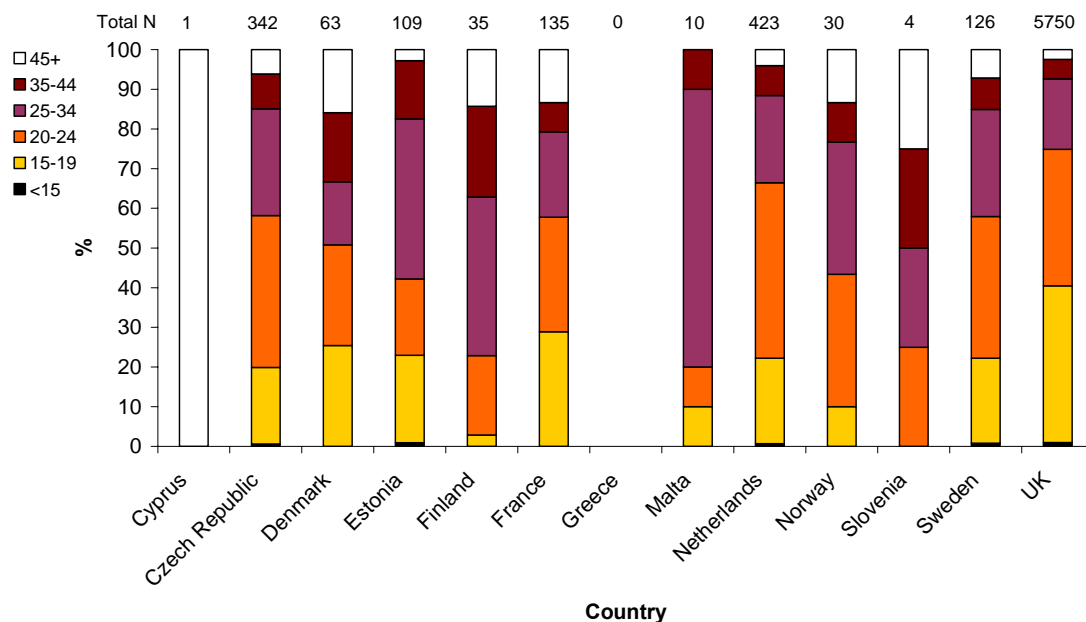


Figure 3.4b Percentage of reported gonorrhoea cases in women by country and age group: 2007



3.4 Route of Transmission:

Nine countries were able to provide data on whether the infection was acquired homosexually; Cyprus, Czech Republic, Denmark, Greece, Netherlands, Norway, Slovenia, Sweden and the United Kingdom. Cyprus only started collecting this information in 2005 and all cases reported to date were reportedly heterosexually acquired. In 2007, the proportion of gonorrhoea cases acquired homosexually ranged from 19% in Greece to 69% in the Netherlands and Slovenia (Figure 3.5). The number of cases of gonorrhoea in men acquired homosexually has increased in the Czech Republic (+14%), Netherlands (+1%), Norway (+18%) and Slovenia (+100%) in the past year but a decline in the number of homosexually

acquired cases has been seen in Denmark (-14%), Greece (-31%), Sweden (-5%) and the UK (-15%).

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 fluctuated over the last ten years but overall the trend has been slightly increasing. (Figure 3.6).

Figure 3.5: Percentage of reported gonorrhoea cases in men by sexual transmission route: 2007

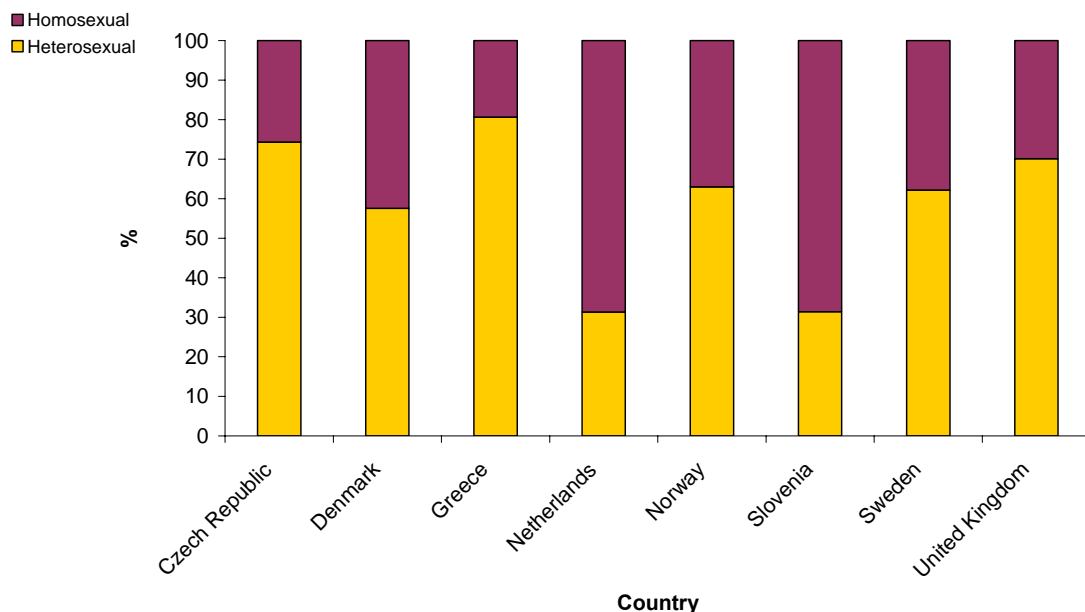
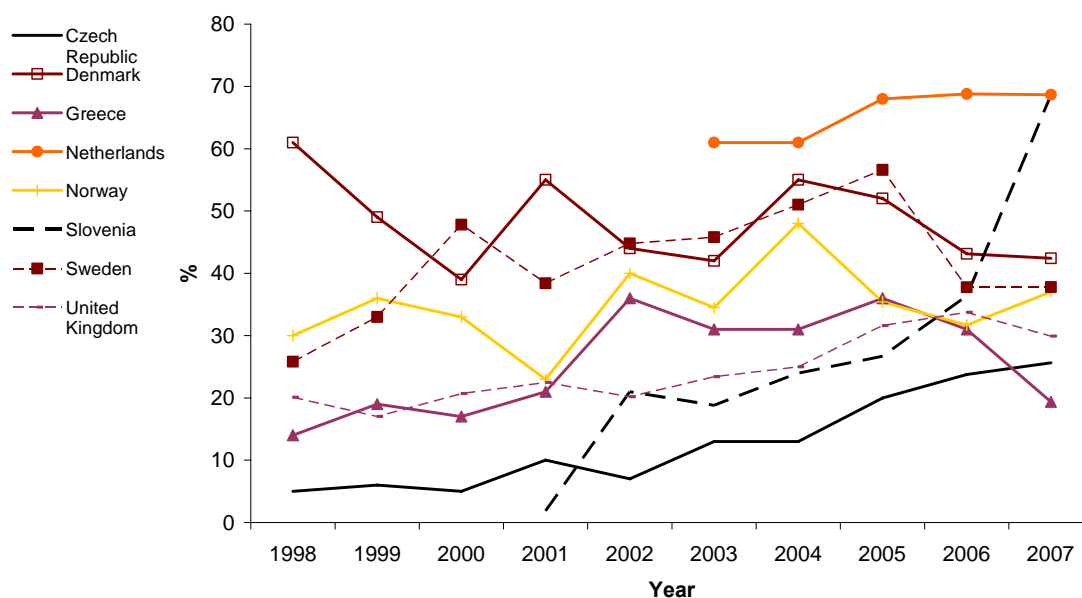


Figure 3.6: Percentage of reported gonorrhoea cases in men homosexually acquired: 1998-2007



References

1. Health Protection Agency. Sexually Transmitted Infections in black African and black Caribbean communities in the UK – 2008 report.

Table 3.2: Total number of gonorrhoea cases by country: 1998-2007

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	% change 2006-2007	% change 1998-2007
Austria	379	434	414	539	985	902	848	658	736	636	-14	68
Belgium	166	178	145	241	289	304	321	441	535	NA	NA	NA
Cyprus	42	45	56	53	43	56	116	16	8	5	-38	-88
Czech Republic	1055	995	888	880	911	1030	947	859	1082	1149	6	9
Denmark	211	334	335	309	334	258	435	429	397	360	-9	71
Estonia	1577	1144	867	683	537	455	484	288	280	174	-38	-89
Finland	269	255	284	247	235	189	252	240	233	194	-17	-28
France	224	334	397	322	313	195	530	631	720	891	24	298
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Greece	147	124	98	177	144	119	177	197	190	201	6	37
Iceland	6	6	10	3	8	3	9	19	31	NA	NA	NA
Ireland	125	175	290	349	214	186	270	342	431	NA	NA	NA
Italy	329	291	291	399	327	379	418	427	392	202	-48	-39
Latvia	1237	1101	745	551	555	481	537	694	746	669	-10	-46
Malta	-	-	-	-	-	-	19	23	32	53	66	-
Netherlands	-	-	-	-	-	1398	1531	1495	1757	1827	4	-
Norway	166	190	253	327	240	241	265	278	236	238	1	43
Poland												
Portugal	40	64	46	39	55	53	28	52	55	74	35	85
Slovakia	137	108	85	139	118	84	128	109	103	120	17	-12
Slovenia	52	40	71	54	57	56	54	45	34	39	15	-25
Spain	2169	1469	1045	805	833	1069	980	1155	1423	1698	19	-22
Sweden	343	427	590	529	505	596	571	691	677	642	-5	87
Turkey	462	1264	821	912	898	900	965	986	784	518	-34	12
UK	13212	16470	21800	23705	25591	24973	22326	19248	18898	18710	-1	42

Table 3.3: Gonorrhoea cases by country* and gender: 1998-2007

Country	1998		1999		2000		2001		2002		2003		2004		2005		2006		2007	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Belgium	118	48	119	57	118	25	200	34	217	70	245	57	262	55	362	77	417	115		
Cyprus	37	5	36	9	45	11	47	6	36	7	50	6	101	15	13	3	8	0	4	1
Czech Republic	608	447	680	315	603	285	627	253	634	277	686	344	609	338	598	261	766	316	807	342
Denmark	187	24	291	43	291	44	259	50	279	55	227	31	383	52	377	52	326	71	297	63
Estonia	926	651	694	450	528	339	371	312	283	254	235	220	221	263	114	174	90	190	63	111
Finland	202	67	188	67	220	64	201	46	182	53	160	29	201	51	196	44	170	63	159	35
France	204	20	304	30	366	30	287	35	281	32	171	24	481	49	556	75	604	113	752	137
Greece	117	5	114	2	93	5	169	8	140	4	115	4	174	3	192	5	186	4	198	3
Iceland	4	2	3	3	5	5	1	2	5	1	1	0	3	6	14	5	21	10		
Ireland	95	30	135	40	228	62	265	82	90	122	146	38	234	30	303	32	380	48		
Italy	301	26	277	13	272	13	380	12	311	13	355	17	379	35	399	23	358	32	186	15
Latvia	880	357	777	324	520	225	400	151	402	153	368	113	415	122	522	172	552	194	522	147
Malta	-	-	-	-	-	-	-	-	-	-	-	-	17	2	17	6	27	5	43	10
Netherlands	-	-	-	-	-	-	-	-	-	-	1140	258	1225	306	1201	294	1384	373	1404	423
Norway	142	24	167	23	217	36	258	69	209	31	206	35	228	37	226	52	205	31	208	30
Portugal	36	4	45	19	38	8	30	9	42	13	44	9	19	9	48	4	51	4	65	9
Slovakia	108	29	85	23	60	25	92	47	103	15	67	17	98	30	83	26	89	14	93	27
Slovenia	46	6	35	5	59	12	46	8	52	5	48	8	46	8	30	15	32	2	35	4
Sweden	283	60	364	63	510	80	443	86	413	92	480	116	490	81	580	111	543	134	516	126
Turkey	0	462	0	1264	0	821	0	912	0	898	0	900	0	965	232	754	157	627	102	416
UK	8930	4282	11326	5144	15234	6566	16626	7079	17868	7723	17409	7564	15677	6649	13876	5372	13538	5360	12933	5777

*Countries with no data by gender are excluded from table

Table 3.4: Gonorrhoea cases in men by country and sexual transmission: 1998-2007

Country	1998		1999		2000		2001		2002	
	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired
Belgium*	-	-	-	-	-	-	-	-	-	-
Cyprus	-	-	-	-	-	-	-	-	-	-
Czech Republic	608	31	680	41	603	32	627	63	634	47
Denmark**	95	58	131	64	136	53	107	59	190	83
Greece	115	22	112	21	88	15	155	33	127	46
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	142	42	167	60	217	72	258	60	209	83
Slovenia	-	-	-	-	-	-	46	1	52	11
Sweden	283	73	364	121	510	244	443	170	413	185
UK	8930	1799	11326	1966	15234	3149	16626	3741	17868	3618

Country	2003		2004		2005		2006		2007	
	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	4	0
Czech Republic	686	89	609	77	598	120	766	182	807	207
Denmark**	166	69	363	200	391	204	341	147	297	126
Greece	105	33	151	47	168	60	172	54	191	37
Netherlands	1140	697	1225	752	1201	814	1384	952	1404	964
Norway	206	71	228	109	226	80	205	65	208	77
Slovenia	48	9	46	11	30	8	32	12	35	24
Sweden	480	220	490	250	580	328	543	205	516	195
UK	17409	4077	15677	3994	13876	4386	13538	4568	12933	3868

*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: 1998-2006

Belgium											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	1	1	0	1	2	0	0	3	10	
	15-19	4	5	0	2	4	5	5	3	9	
	20-24	10	19	5	6	13	18	16	21	31	
	25-34	18	15	8	16	28	14	17	25	41	
	35-44	10	8	8	2	14	9	13	15	12	
	45+	4	7	4	6	8	10	4	7	12	
	Unknown	1	2	0	1	1	1	0	3	0	
Female Total		48	57	25	34	70	57	55	77	115	
Male	<15	4	0	1	1	2	1	0	3	9	
	15-19	6	4	4	6	6	8	16	19	24	
	20-24	10	21	13	36	28	29	50	65	66	
	25-34	49	47	52	65	99	111	101	123	152	
	35-44	30	30	37	65	53	69	70	98	119	
	45+	15	14	9	24	28	27	23	47	47	
	Unknown	4	3	2	3	1	0	2	7	0	
Male Total		118	119	118	200	217	245	262	362	417	
Total	<15	5	1	1	2	4	1	0	6	19	
	15-19	10	10	4	8	10	13	22	23	34	
	20-24	20	40	18	43	41	47	66	86	98	
	25-34	67	62	61	82	127	125	118	149	194	
	35-44	40	38	46	71	67	78	83	113	131	
	45+	19	21	13	31	36	37	27	54	59	
	Unknown	5	5	2	4	4	1	5	10	0	
Total		166	178	145	241	289	304	321	441	535	

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Cyprus											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	1	2	0	1	0	0	0	0	0
	20-24	1	4	0	2	1	4	3	0	0	0
	25-34	3	2	4	2	3	2	5	0	0	0
	35-44	1	1	4	1	2	0	5	0	0	0
	45+	0	1	1	1	0	0	2	3	0	1
	Unknown	0	0	0	0	0	0	0	0	0	0
	Female Total		5	9	11	6	7	6	15	3	0
Male	<15	0	0	0	0	0	0	0	0	0	0
	15-19	2	4	1	11	2	0	3	0	2	1
	20-24	8	7	9	6	8	9	4	1	3	1
	25-34	16	13	19	20	8	17	35	5	3	1
	35-44	10	10	14	6	10	15	29	3	0	1
	45+	2	2	5	4	5	9	29	4	0	0
	Unknown	0	0	0	0	3	0	1	0	0	0
	Male Total		37	36	45	47	36	50	101	13	8
Total	<15	0	0	0	0	0	0	0	0	0	0
	15-19	2	5	3	11	3	0	3	0	2	1
	20-24	9	11	9	8	9	13	7	1	3	1
	25-34	19	15	23	22	11	19	40	5	3	1
	35-44	11	11	18	7	12	15	34	3	0	1
	45+	2	3	6	5	5	9	31	7	0	1
	Unknown	0	0	0	0	3	0	1	0	0	0
Total		42	45	56	53	43	56	116	16	8	5

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Czech Republic											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	7	0	5	6	1	3	2	1	2	2
	15-19	107	87	74	75	80	82	69	48	69	66
	20-24	157	124	115	83	98	124	131	105	105	131
	25-34	116	69	68	66	76	95	109	84	94	92
	35-44	41	25	14	21	15	32	18	14	34	30
	45+	19	10	9	2	7	8	9	9	12	21
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		447	315	285	253	277	344	338	261	316	342
Male	<15	3	0	2	1	3	1	2	1	0	2
	15-19	93	85	58	50	55	62	46	53	53	67
	20-24	208	247	216	206	203	203	174	162	190	208
	25-34	218	268	245	261	250	302	273	285	373	351
	35-44	55	55	59	78	84	80	88	65	110	132
	45+	31	25	23	31	39	38	26	32	40	47
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		608	680	603	627	634	686	609	598	766	807
Total	<15	10	0	7	7	4	4	4	2	2	4
	15-19	200	172	132	125	135	144	115	101	122	133
	20-24	365	371	331	289	301	327	305	267	295	339
	25-34	334	337	313	327	326	397	382	369	467	443
	35-44	96	80	73	99	99	112	106	79	144	162
	45+	50	35	32	33	46	46	35	41	52	68
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		1055	995	888	880	911	1030	947	859	1082	1149

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Denmark											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<16	-	2	-	-	2	1	1	1	0	0
	16-19	4	3	4	12	6	4	12	7	12	16
	20-24	7	7	9	15	16	7	9	17	22	16
	25-34	5	14	18	12	21	9	18	15	23	10
	35-44	5	10	10	7	5	5	9	9	8	11
	45+	3	7	3	4	5	5	3	3	6	10
	Unknown	-	-	-	-	-	-	-	-	-	0
Female Total		24	43	44	50	55	31	52	52	71	63
Male	<16	1	-	2	-	-	-	2	2	2	0
	16-19	2	12	7	9	14	6	20	17	16	9
	20-24	33	45	49	51	38	39	75	56	45	48
	25-34	87	125	146	109	118	82	158	142	119	106
	35-44	47	74	54	54	69	62	91	105	84	82
	45+	17	35	33	36	40	38	37	55	60	52
	Unknown	-	-	-	-	-	-	-	-	-	0
Male Total		187	291	291	259	279	227	383	377	326	297
Total	<16	1	2	2	-	2	1	3	3	2	0
	16-19	6	15	11	21	20	10	32	24	28	25
	20-24	40	52	58	66	54	46	84	73	67	64
	25-34	92	139	164	121	139	91	176	157	142	116
	35-44	52	84	64	61	74	67	100	114	92	93
	45+	20	42	36	40	45	43	40	58	66	62
	Unknown	-	-	-	-	-	-	-	-	-	0
Total		211	334	335	309	334	258	435	429	397	360

2007: The figures were achieved by combining the laboratory and the epidemiological reporting systems.

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Estonia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	0	0	0	0	0	0	2	1	1
	15-19	-	84	53	51	43	51	56	36	48	24
	20-24	-	139	96	94	81	73	84	39	57	21
	25-34	-	160	124	100	84	72	88	69	52	44
	35-44	-	41	51	45	34	14	29	16	25	16
	45+	-	26	15	22	12	10	6	9	7	3
	Unknown	-	0	0	0	0	0	0	3	0	2
Female Total		-	450	339	312	254	220	263	174	190	111
Male	<15	-	0	0	0	0	0	0	0	0	1
	15-19	-	84	49	27	23	14	13	5	3	1
	20-24	-	200	171	130	94	63	60	26	14	17
	25-34	-	288	207	148	117	104	104	45	39	27
	35-44	-	84	68	43	34	37	27	22	27	15
	45+	-	38	15	23	15	17	17	16	7	2
	Unknown	-	0	0	0	0	0	0	0	0	0
Male Total		-	694	528	371	283	235	221	114	90	63
Total	<15	-	0	0	0	0	0	0	2	1	2
	15-19	-	168	102	78	66	65	69	41	51	25
	20-24	-	339	267	224	175	136	144	65	71	38
	25-34	-	448	331	248	201	176	192	114	91	71
	35-44	-	125	119	88	68	51	56	38	52	31
	45+	-	64	30	45	27	27	23	25	14	5
	Unknown	-	0	0	0	0	0	0	3	0	2
Total		-	1144	849	683	537	455	484	288	280	174

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Finland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	1	0	0	0	0	0	2	0	0	0
	15-19	15	9	3	11	7	5	10	6	10	1
	20-24	22	26	16	9	16	8	15	13	22	7
	25-34	15	22	24	16	16	7	9	12	15	14
	35-44	11	5	16	4	13	7	8	5	5	8
	45+	3	5	5	6	1	2	7	8	11	5
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		67	67	64	46	53	29	51	44	63	35
Male	<15	0	1	0	0	1	0	0	0	0	0
	15-19	6	7	4	5	7	5	17	4	7	4
	20-24	33	29	31	32	22	29	41	39	29	31
	25-34	67	71	90	76	60	53	67	60	64	38
	35-44	55	45	58	54	55	45	44	55	42	53
	45+	42	35	37	34	37	28	32	38	28	33
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		202	188	220	201	182	160	201	196	170	159
Total	<15	1	1	0	0	1	0	2	0	0	0
	15-19	21	16	7	16	14	10	27	10	17	5
	20-24	55	55	47	41	38	37	56	52	51	38
	25-34	82	93	114	92	76	60	76	72	79	52
	35-44	66	50	74	58	68	52	52	60	47	61
	45+	45	40	42	40	38	30	39	46	39	38
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		269	255	284	247	235	189	252	240	233	194

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

France											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	1	0	1	0	2	1	0	0
	15-19	0	2	1	6	7	6	5	13	28	39
	20-24	1	5	6	5	9	11	16	22	38	39
	25-34	3	8	7	6	5	3	14	21	29	29
	35-44	2	9	6	4	5	2	6	8	11	10
	45+	13	6	3	6	1	2	6	10	7	18
	Unknown	1	0	6	8	4	0	0	0	0	2
Female Total		20	30	30	35	32	24	49	75	113	137
Male	<15	0	1	1	1	0	0	1	1	0	1
	15-19	3	22	34	11	9	6	12	40	53	50
	20-24	14	49	56	56	45	35	96	120	136	184
	25-34	33	120	142	105	101	55	204	213	218	295
	35-44	12	48	60	59	61	39	108	129	139	149
	45+	119	29	31	24	28	20	60	53	52	62
	Unknown	23	35	42	31	37	16	0	0	6	11
Male Total		204	304	366	287	281	171	481	556	604	752
Total	<15	0	1	2	1	1	0	3	2	0	1
	15-19	3	24	-35	17	16	12	17	53	81	89
	20-24	15	54	62	61	54	46	112	142	175	223
	25-34	36	128	150	111	106	58	218	234	247	324
	35-44	14	57	66	63	66	41	114	137	150	159
	45+	132	35	34	30	29	22	66	63	59	80
	Unknown	24	35	48	39	41	16	0	0	8	15
Total		224	334	397	322	313	195	530	631	720	891

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Greece											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	-	0	0	0	0
	15-19	-	-	-	-	-	-	1	0	1	0
	20-24	-	-	-	-	-	-	0	0	1	0
	25-34	-	-	-	-	-	-	1	2	1	0
	35-44	-	-	-	-	-	-	0	1	0	0
	45+	-	-	-	-	-	-	0	0	0	0
	Unknown	-	-	-	-	-	-	1	2	1	3
Female Total		-	-	-	-	-	-	3	5	4	3
Male	<15	-	-	-	-	-	-	0	0	0	0
	15-19	-	-	-	-	-	-	5	5	3	4
	20-24	-	-	-	-	-	-	24	26	24	27
	25-34	-	-	-	-	-	-	57	83	78	73
	35-44	-	-	-	-	-	-	47	38	40	53
	45+	-	-	-	-	-	-	17	15	16	30
	Unknown	-	-	-	-	-	-	24	25	25	11
Male Total		-	-	-	-	-	-	174	192	186	198
Total	<15	-	-	-	-	-	-	0	0	0	0
	15-19	-	-	-	-	-	-	6	5	4	4
	20-24	-	-	-	-	-	-	24	26	25	27
	25-34	-	-	-	-	-	-	58	85	79	73
	35-44	-	-	-	-	-	-	47	39	40	53
	45+	-	-	-	-	-	-	17	15	16	30
	Unknown	-	-	-	-	-	-	25	27	26	14
Total		-	-	-	-	-	-	177	197	190	201

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2006

Iceland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	0	0	0	0	0	
	15-19	1	1	4	0	0	0	1	0	3	
	20-24	0	0	0	0	0	0	1	1	5	
	25-34	1	0	0	0	0	0	3	3	1	
	35-44	0	0	0	0	1	0	0	1	1	
	45+	0	2	1	2	0	0	1	0	0	
	Unknown	0	0	0	0	0	0	0	0	0	
Female Total		2	3	5	2	1	0	6	5	10	
Male	<15	0	0	0	0	0	0	0	0	0	
	15-19	0	1	1	0	1	0	0	1	0	
	20-24	1	0	3	0	1	0	2	3	12	
	25-34	1	1	0	0	0	0	1	7	5	
	35-44	0	0	1	0	2	0	0	3	3	
	45+	0	0	0	0	1	1	0	0	1	
	Unknown	2	1	0	1	0	0	0	0	0	
Male Total		4	3	5	1	5	1	3	14	21	
Total	<15	0	0	0	0	0	0	0	0	0	
	15-19	1	2	5	0	1	0	1	1	3	
	20-24	1	0	3	0	3	1	3	4	17	
	25-34	2	1	0	0	0	0	4	10	6	
	35-44	0	0	1	0	3	0	0	4	4	
	45+	0	2	1	2	1	2	1	0	1	
	Unknown	2	1	0	1	0	0	0	0	0	
Total		6	6	10	3	8	3	9	19	31	

Table 3.4: Gonorrhoea cases by gender and age group: 1998-2006

Ireland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
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	9	8	14	14	13	16	17	40	42	
	20-29	27	49	63	76	68	97	159	163	254	
	30-39	5	17	12	28	20	44	64	89	86	
	40+	7	8	15	14	12	25	30	45	48	
	Unknown	77	93	186	217	101	4	0	5	1	
Total		125	175	290	349	214	186	270	342	431	

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Italy											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	0-14	6	1	0	0	0	2	0	0	1	1
	15-24	4	3	4	2	5	6	13	7	16	5
	25-64	14	8	7	9	7	8	20	15	15	9
	65+	2	0	0	0	0	1	0	1	0	0
	Unknown	0	1	2	1	1	0	2	0	0	0
Female Total		26	13	13	12	13	17	35	23	32	15
Male	0-14	7	3	2	2	3	2	1	1	1	0
	15-24	43	48	51	64	55	54	71	59	83	32
	25-64	244	213	211	302	244	286	303	330	272	153
	65+	3	2	0	2	4	6	1	6	1	0
	Unknown	4	11	8	10	5	7	3	3	1	1
Male Total		301	277	272	380	311	355	379	399	358	186
Total	0-14	13	4	2	2	3	4	1	1	2	2
	15-24	47	51	55	66	60	60	84	66	99	37
	25-64	258	221	218	311	251	294	323	345	287	162
	65+	5	2	0	2	4	7	1	7	0	0
	Unknown	6	13	16	18	9	14	9	3	1	1
Total		329	291	291	399	327	379	418	427	390	201

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Latvia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	4	10	7	1	2	2	1	1	1	0
	15-19	87	74	57	45	35	35	27	42	51	28
	20-24	110	83	68	37	53	27	28	52	62	49
	25-34	88	83	53	39	36	35	42	47	49	39
	35-39	32	32	17	13	11	4	11	14	16	14
	40-49	29	23	10	9	10	7	12	10	9	11
	50+	7	19	13	7	6	3	1	6	6	6
	Female Total		357	324	225	151	153	113	122	172	194
Male	<15	0	2	0	1	0	0	0	0	0	0
	15-19	129	105	76	37	53	44	37	44	54	47
	20-24	318	237	170	133	139	129	139	168	169	166
	25-34	284	257	177	154	147	129	154	222	227	210
	35-39	61	84	40	35	24	22	37	37	51	47
	40-49	63	69	42	28	32	36	40	35	40	34
	50+	25	23	15	12	7	8	8	16	11	18
	Male Total		880	777	520	400	402	368	415	522	552
Total	<15	4	12	7	2	2	2	1	1	1	0
	15-19	216	179	133	82	88	79	64	86	105	75
	20-24	428	320	238	170	192	156	167	220	231	215
	25-34	372	340	230	193	183	164	196	269	276	249
	35-39	93	116	57	48	35	26	48	51	67	61
	40-49	92	92	52	37	42	43	52	45	49	45
	50+	32	42	28	19	13	11	9	22	17	24
	Total		1237	1101	745	551	555	481	537	694	746

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Malta											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	0	1
	20-24	-	-	-	-	-	-	-	-	3	1
	25-34	-	-	-	-	-	-	-	-	2	7
	35-44	-	-	-	-	-	-	-	-	0	1
	45+	-	-	-	-	-	-	-	-	0	0
	Unknown	-	-	-	-	-	-	-	-	0	0
Female Total		-	-	-	-	-	-	-	-	5	10
Male	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	1	3
	20-24	-	-	-	-	-	-	-	-	9	10
	25-34	-	-	-	-	-	-	-	-	9	19
	35-44	-	-	-	-	-	-	-	-	6	8
	45+	-	-	-	-	-	-	-	-	2	1
	Unknown	-	-	-	-	-	-	-	-	0	2
Male Total		-	-	-	-	-	-	-	-	27	43
Total	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	1	4
	20-24	-	-	-	-	-	-	-	-	12	11
	25-34	-	-	-	-	-	-	-	-	11	26
	35-44	-	-	-	-	-	-	-	-	6	9
	45+	-	-	-	-	-	-	-	-	2	1
	Unknown	-	-	-	-	-	-	-	-	0	2
Total		-	-	-	-	-	-	-	-	32	53

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Netherlands											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	0	3	2	1	3
	15-19	-	-	-	-	-	71	90	90	88	91
	20-24	-	-	-	-	-	104	118	121	132	187
	25-34	-	-	-	-	-	60	67	51	85	93
	35-44	-	-	-	-	-	14	22	20	48	32
	45+	-	-	-	-	-	9	6	10	19	17
	Unknown	-	-	-	-	-	0	0	0	0	0
Female Total		-	-	-	-	-	258	306	294	373	423
Male	<15	-	-	-	-	-	2	0	0	0	0
	15-19	-	-	-	-	-	41	48	41	50	45
	20-24	-	-	-	-	-	196	190	178	195	211
	25-34	-	-	-	-	-	443	434	462	428	482
	35-44	-	-	-	-	-	321	347	362	461	427
	45+	-	-	-	-	-	135	206	158	250	239
	Unknown	-	-	-	-	-	2	0	0	0	0
Male Total		-	-	-	-	-	1140	1225	1201	1384	1404
Total	<15	-	-	-	-	-	2	3	2	1	3
	15-19	-	-	-	-	-	112	138	131	138	136
	20-24	-	-	-	-	-	300	308	299	327	398
	25-34	-	-	-	-	-	503	501	513	513	575
	35-44	-	-	-	-	-	335	369	382	509	459
	45+	-	-	-	-	-	144	212	168	269	256
	Unknown	-	-	-	-	-	2	0	0	0	0
Total		-	-	-	-	-	1398	1531	1495	1757	1827

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Norway											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	0	0	0	0	1	0
	15-19	3	1	3	15	4	3	3	9	8	3
	20-24	4	3	14	19	4	8	9	13	2	10
	25-34	10	14	13	20	14	14	14	15	5	10
	35-44	4	4	3	8	5	5	8	7	10	3
	45+	1	1	3	4	2	4	1	6	4	4
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		24	23	36	69	31	35	37	52	30	30
Male	<15	0	1	0	0	0	0	0	0	0	1
	15-19	8	6	12	9	5	10	10	10	7	5
	20-24	19	19	39	32	42	33	32	26	26	26
	25-34	59	67	78	104	72	63	100	63	77	76
	35-44	38	38	47	65	49	63	56	83	44	56
	45+	18	34	41	47	41	36	29	44	41	44
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		142	167	217	258	209	206	228	226	195	208
Total	<15	0	1	0	0	0	0	0	0	1	1
	15-19	11	7	15	24	9	13	13	19	15	8
	20-24	23	22	53	51	46	41	41	39	28	36
	25-34	69	81	91	124	86	77	114	78	82	86
	35-44	42	42	50	73	54	68	64	90	54	59
	45+	19	35	44	51	43	40	30	50	45	48
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		166	190	253	327	240	241	265	278	225	238

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Portugal											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	≤14	1	0	0	0	1	0	0	0	0	0
	15-24	1	6	3	3	2	2	2	2	1	4
	25-34	2	6	3	1	7	2	5	1	2	3
	35-44	0	3	1	4	1	3	1	0	0	2
	45+	0	4	1	1	2	2	1	0	1	0
	Unknown	0	0	0	0	0	0	0	1	0	0
Female Total		4	19	8	9	13	9	9	4	4	9
Male	≤14	0	0	2	2	0	2	0	0	1	0
	15-24	6	8	15	2	13	5	3	12	12	28
	25-34	10	20	9	17	16	23	8	24	22	22
	35-44	14	8	6	6	7	9	5	6	15	11
	45+	6	9	6	3	6	5	3	6	1	4
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		36	45	38	30	42	44	19	48	51	65
Total	≤14	1	0	2	2	1	2	0	0	1	0
	15-24	7	14	18	5	15	7	5	14	13	32
	25-34	12	26	12	18	23	25	13	25	24	25
	35-44	14	11	7	10	8	12	6	6	15	13
	45+	6	13	7	4	8	7	4	6	2	4
	Unknown	0	0	0	0	0	0	0	1	0	0
Total		40	64	46	39	55	53	28	52	55	74

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Slovakia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	8	7	6	13	1	3	5	4	4	7
	20-24	13	10	11	12	4	7	5	7	4	5
	25-34	7	5	4	13	9	5	16	7	2	7
	35-44	1	0	3	4	1	2	3	3	3	5
	45+	0	1	1	5	0	0	1	5	1	3
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		29	23	25	47	15	17	30	26	14	27
Male	<15	0	0	0	0	0	0	0	0	0	1
	15-19	21	7	11	3	19	5	10	11	9	9
	20-24	37	30	22	31	29	23	18	16	16	23
	25-34	39	37	19	37	38	34	51	39	45	38
	35-44	11	9	6	18	9	2	13	10	12	13
	45+	0	2	2	3	8	3	6	7	7	9
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		108	85	60	92	103	67	98	83	89	93
Total	<15	0	0	0	0	0	0	0	0	0	1
	15-19	29	14	17	16	20	8	15	15	13	16
	20-24	50	40	33	43	33	30	23	23	20	28
	25-34	46	42	23	50	47	39	67	46	47	45
	35-44	12	9	9	22	10	4	16	13	15	18
	45+	0	3	3	8	8	3	7	12	8	12
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		137	108	85	139	118	84	128	109	103	120

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Slovenia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	0	0	0	0	0	0	0
	15-19	-	-	-	0	1	0	0	2	0	0
	20-24	-	-	-	4	2	2	2	5	2	1
	25-34	-	-	-	2	2	3	3	5	0	1
	35-44	-	-	-	1	0	2	1	2	0	1
	45+	-	-	-	1	0	1	2	1	0	1
	Unknown	-	-	-	0	0	0	0	0	0	0
Female Total		-	-	-	8	5	8	8	15	2	4
Male	<15	-	-	-	0	2	0	0	0	0	0
	15-19	-	-	-	8	4	5	1	2	2	1
	20-24	-	-	-	11	9	8	9	10	11	13
	25-34	-	-	-	16	27	18	23	6	13	10
	35-44	-	-	-	6	6	11	11	9	4	9
	45+	-	-	-	5	4	6	2	3	2	2
	Unknown	-	-	-	0	0	0	0	0	0	0
Male Total		-	-	-	46	52	48	46	30	32	35
Total	<15	-	-	-	0	2	0	0	0	0	0
	15-19	-	-	-	8	5	5	1	4	2	1
	20-24	-	-	-	15	11	10	11	15	13	14
	25-34	-	-	-	18	29	21	26	11	13	11
	35-44	-	-	-	7	6	13	12	11	4	10
	45+	-	-	-	6	4	7	4	4	2	3
	Unknown	-	-	-	0	0	0	0	0	0	0
Total		-	-	-	54	57	56	54	45	34	39

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

Sweden											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006*	2007*
Female	<16*	3	4	0	0	0	2	2	1	1	1
	16-19*	16	13	12	16	10	27	14	12	19	27
	20-24	18	14	24	35	33	46	31	38	51	45
	25-34	17	24	21	29	30	23	19	34	44	34
	35-44	5	7	15	6	14	15	10	9	14	10
	45+	1	1	8	0	5	3	5	17	5	9
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		60	63	80	86	92	116	81	111	134	126
Male	<16*	4	0	0	0	0	1	1	1	0	0
	16-19*	16	17	19	18	14	27	16	27	33	29
	20-24	50	62	106	80	77	99	90	128	122	114
	25-34	106	142	180	185	165	166	189	210	187	181
	35-44	76	95	145	112	97	126	125	138	120	123
	45+	31	48	60	48	60	61	69	76	81	69
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		283	364	510	443	413	480	490	580	543	516
Total	<16*	7	4	0	0	0	3	3	2	1	1
	16-19*	32	30	31	34	24	54	30	39	52	56
	20-24	68	76	130	115	110	145	121	166	173	159
	25-34	123	166	201	214	195	189	208	244	231	215
	35-44	81	102	160	118	111	141	135	147	134	133
	45+	32	49	68	48	65	64	74	93	86	78
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		343	427	590	529	505	596	571	691	677	642

*In 2006 and 2007 data are provided for <15 and 15-19 age groups

Table 3.5: Gonorrhoea cases by gender and age group: 1998-2007

United Kingdom											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	47	50	57	64	90	66	53	61	43	56
	15-19	1657	2025	2594	2881	3027	3081	2723	2165	2068	2270
	20-24	1254	1441	1992	2116	2305	2325	2080	1712	1780	1981
	25-34	975	1185	1324	1355	1548	1390	1274	984	1009	1017
	35-44	263	335	440	482	569	555	387	329	324	286
	45+	78	72	98	130	119	144	124	119	136	140
	Unknown	8	36	61	51	65	3	8	2	0	27
Female Total		4282	5144	6566	7079	7723	7564	6649	5372	5360	5777
Male	<15	7	14	18	10	16	20	11	14	8	7
	15-19	1080	1445	1997	2148	2335	2154	2045	1646	1621	1775
	20-24	2235	2856	3811	4502	4902	4961	4402	3862	3684	3567
	25-34	3702	4386	5769	5910	6168	5932	5190	4641	4586	4264
	35-44	1400	1823	2523	2888	3119	3125	2876	2667	2496	2191
	45+	473	626	905	1057	1156	1197	1135	1042	1120	1053
	Unknown	33	176	211	111	172	20	18	4	23	76
Male Total		8930	11326	15234	16626	17868	17409	15677	13876	13538	12933
Total	<15	54	64	75	74	106	86	64	75	51	63
	15-19	2737	3470	4591	5029	5362	5235	4768	3811	3689	4045
	20-24	3489	4297	5803	6618	7207	7286	6482	5574	5464	5548
	25-34	4677	5571	7093	7265	7716	7322	6464	5625	5595	5281
	35-44	1663	2158	2963	3370	3688	3680	3263	2996	2820	2477
	45+	551	698	1003	1187	1275	1341	1259	1161	1256	1193
	Unknown	41	212	272	162	237	23	26	6	23	103
Total		13212	16470	21800	23705	25591	24973	22326	19248	18898	18710

4. Syphilis

- The number of reported syphilis cases has stabilised in many Western European countries following increases in the early 2000s.
- Syphilis continues to be primarily diagnosed among MSM particularly in Western European countries. In the Czech Republic and Slovenia the number of cases reported among MSM has increased in 2007.
- 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 for 2007 was available from 21 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	1998-2007
Belgium	Sentinel Laboratory	2002-2006
Cyprus	Universal Case	1998-2007
Czech Republic	Universal Case	1998-2007
Denmark	Universal Case	1998-2007
Estonia	Universal Case	1998-2007
Finland	Universal Case	1998-2007
France	Sentinel Case	2000-2007
Germany	Universal Case	1998-2007 ¹
Greece	Universal Case ²	2003-2007
Iceland	Universal Case	1997-2006
Ireland	Universal Case	1997-2006 ³
Italy	Universal Case	1998-2007
Latvia	Universal Case	1998-2007
Malta	Universal Case	2004-2007
Netherlands	Sentinel Case	2003-2007
Norway	Universal Case	1998-2007
Poland		
Portugal	Universal Case	1998-2007
Slovakia	Universal Case	1998-2007
Slovenia	Universal Case	1998-2007 ⁴
Spain	Universal Case	1998-2007
Sweden	Universal Case	1998-2007
Turkey	Universal Case	1999-2007
United Kingdom	Universal Case ²	1998-2007

*Not all variables necessarily available for each country and year

¹2001 to 2006 information on stage of syphilis is available

²Data from reference centre for STI and HIV and enhanced STI surveillance

³2000 to 2006 information on stage of syphilis is available

⁴2001 to 2006 infectious and total cases available

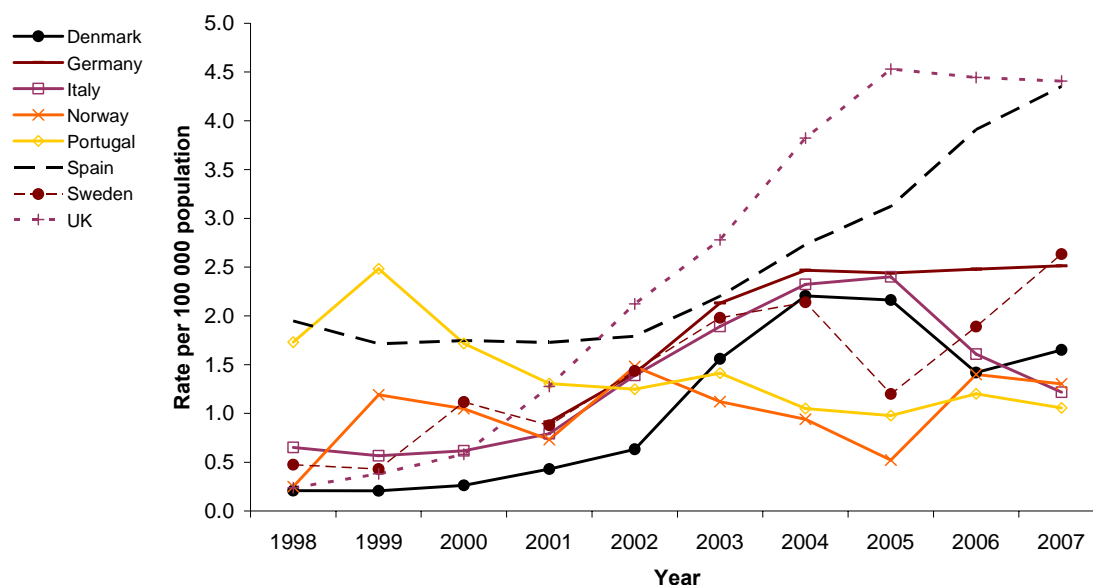
It is difficult to make comparisons of syphilis infection across Europe due to the variety of case definitions used. For the purposes of this report the data has been grouped as much as practicable depending on the stages of syphilis that are included in the case definition used for reporting by each 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 2007, the rate of reported syphilis cases in countries with known stage of infection varied from 1.1 cases per 100 000 population in Portugal to 4.4 cases per 100 000 population in Spain and the United Kingdom. In the countries which do not distinguish between the stages of syphilis the rate varies between 1.3 cases per 100 000 population in Turkey to 13.2 cases per 100 000 population in Latvia.

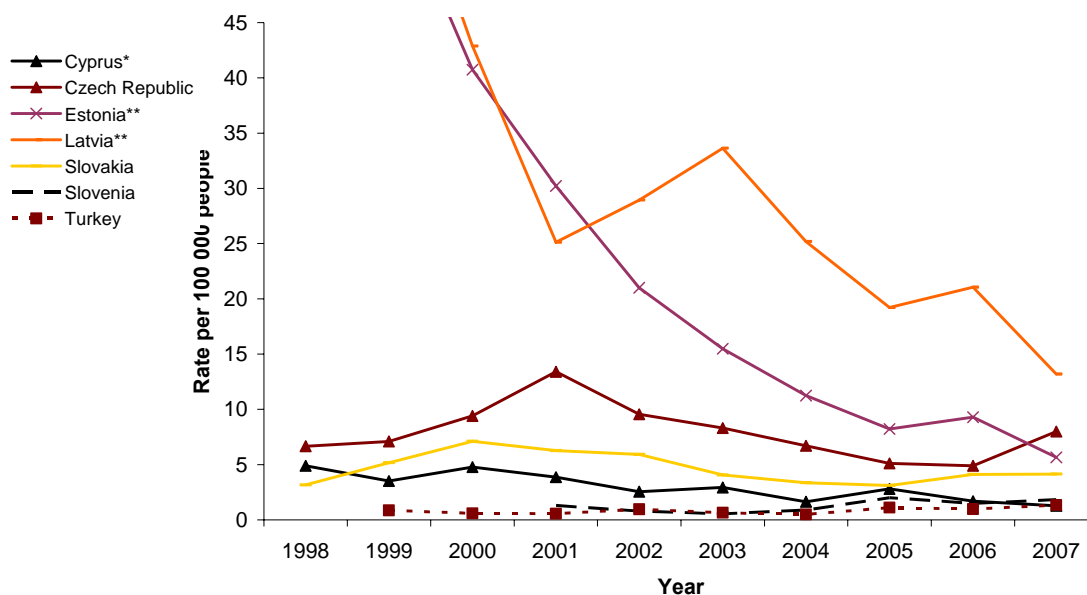
There are different trends apparent across the three regions in Europe. Western European countries saw a large increase in the reported rate of syphilis cases in the early 2000s when many cities had syphilis outbreaks among their MSM population. The number of syphilis cases reported has since stabilised and even started to decline in some countries (Fig 4.1). Although a number of countries have seen a further increase in the number of cases in the last couple of years (Austria, Finland, France Spain, Sweden). See Table 4.1 for figures. In the Central European countries the rate of syphilis has remained relatively stable over recent years while Latvia and Estonia in Eastern Europe have seen dramatic falls in the rate of syphilis cases since the mid-nineties. (Fig 4.2). In Latvia the rate of reported syphilis cases has decreased by 88% since 1998 when 107.3 cases per 100 000 population.

Figure 4.1: Rate of reported syphilis cases in Western Europe: 1998-2007



Primary and secondary stages: Italy, UK
 Primary, secondary, early latent stages: Denmark, Germany, Portugal,
 Primary, secondary, latent stages: Norway, Spain, Sweden

Figure 4.2: Rate of reported syphilis cases in Central and Eastern Europe: 1998-2007

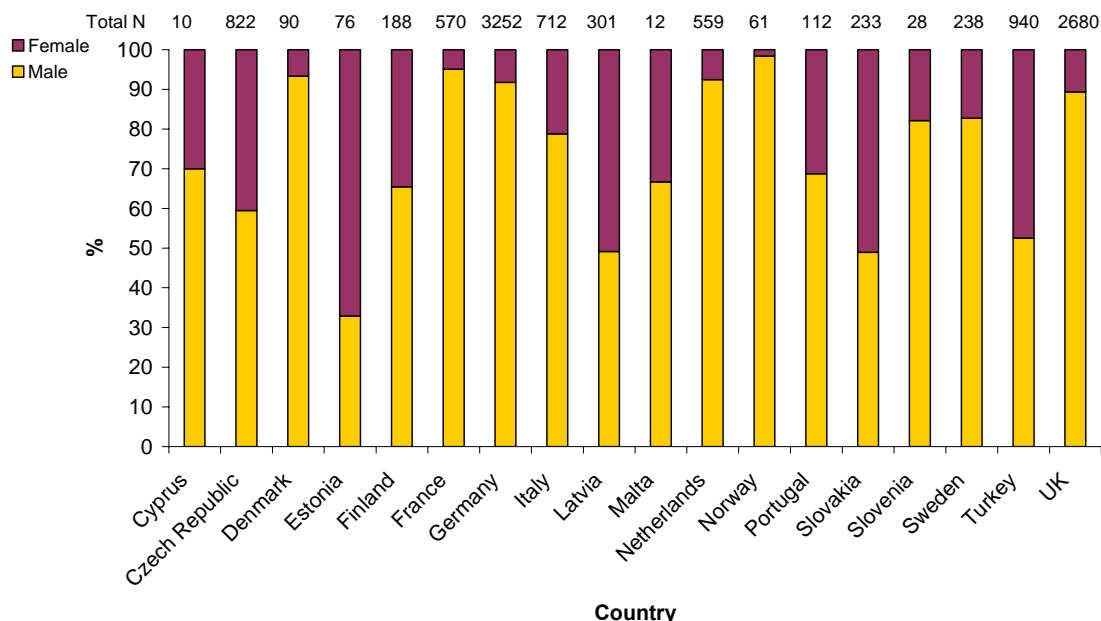


*Primary, secondary, latent stages: Cyprus. All other data includes all stages of syphilis.
 **The rate of reported syphilis in Estonia and Latvia decreased from 75.4 and 107.3 per 100 000 population respectively in 1999. 1998-1999 data not shown in figure.

4.3 Age and gender distribution:

In 2007, syphilis continued to be reported more often in men than women in Western Europe. This ranged from 65% of cases in Finland (n=123) to 98% in Norway (n=60). In a number of Central and Eastern European countries a higher proportion of cases are reported in women than is seen in Western Europe. In eight out of the 18 reporting countries over 80% of cases diagnosed were in men (Figure 4.3).

Figure 4.3: Percentage of reported syphilis cases by reporting country and gender: 2007



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

In 2007, 87% of reported syphilis cases were in people aged over 25 years of age, an increase of 1% from 2006. This ranged from 79% of cases in Czech Republic (n=650) to 96% of cases in Norway (n=50).

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 4.4a 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 4.4a Percentage of reported syphilis cases in men by country and age group: 2007

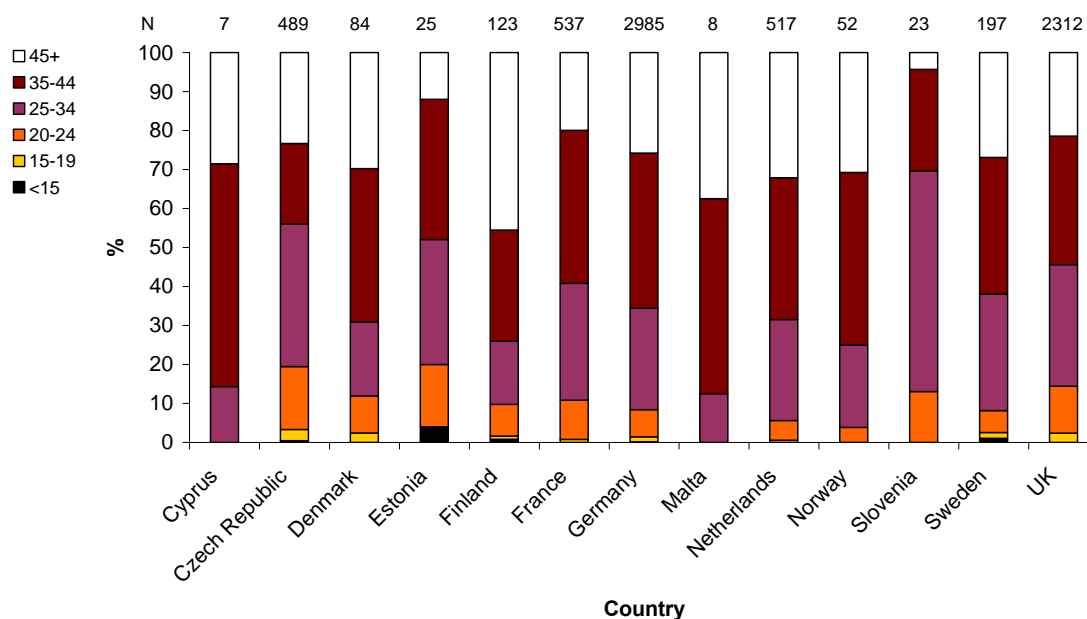
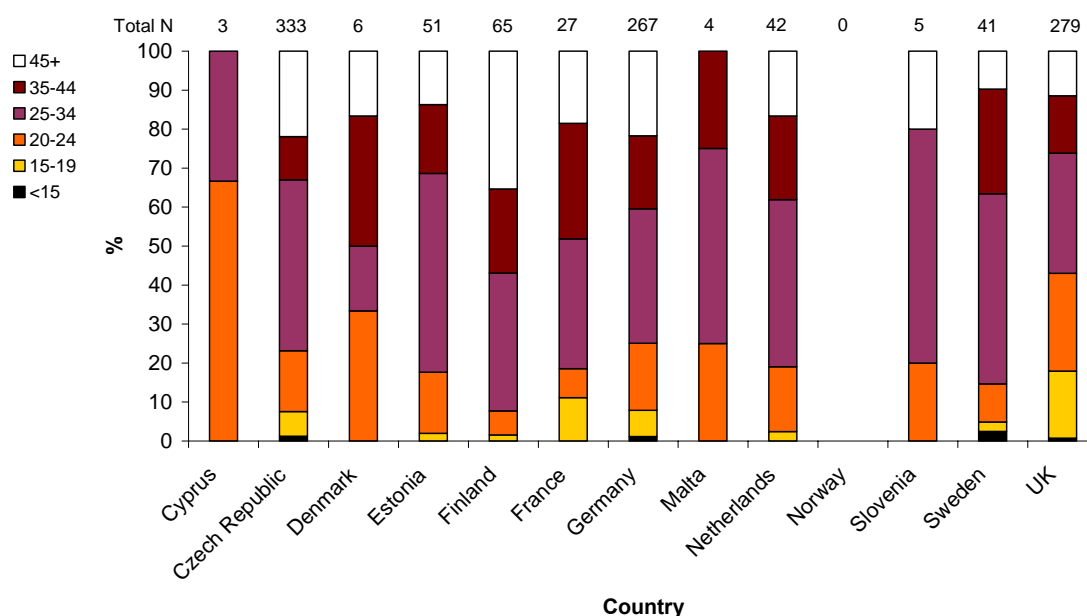


Figure 4.4b Percentage of reported syphilis cases in women by country and age group: 2007

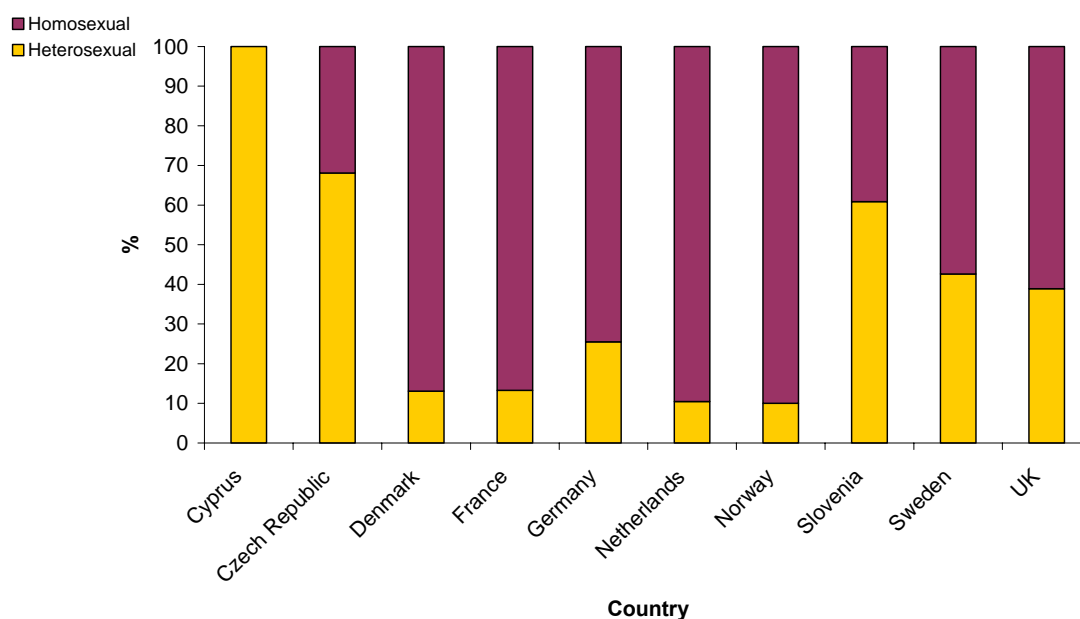


Primary and secondary stages: UK
 Primary, secondary, early latent stages: France, Slovenia
 Primary, secondary, latent stages: Cyprus, Malta, Netherlands, Norway, Sweden
 All stages: Czech Republic, Estonia, Finland

4.4 Route of transmission:

Ten countries were able to provide data on whether the syphilis was acquired homosexually; Cyprus, Czech Republic, Denmark, France, Germany, 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 albeit increasing number of male cases which were acquired homosexually. In 2007, over half of all cases in men were acquired homosexually in seven out of ten countries ranging from 57% in Sweden to 90% in Norway. In the Czech Republic 32% of cases were reported as being homosexually acquired in 2007 compared to just 23% of cases in 2006 and 8% in 2005 (Figure 4.5).

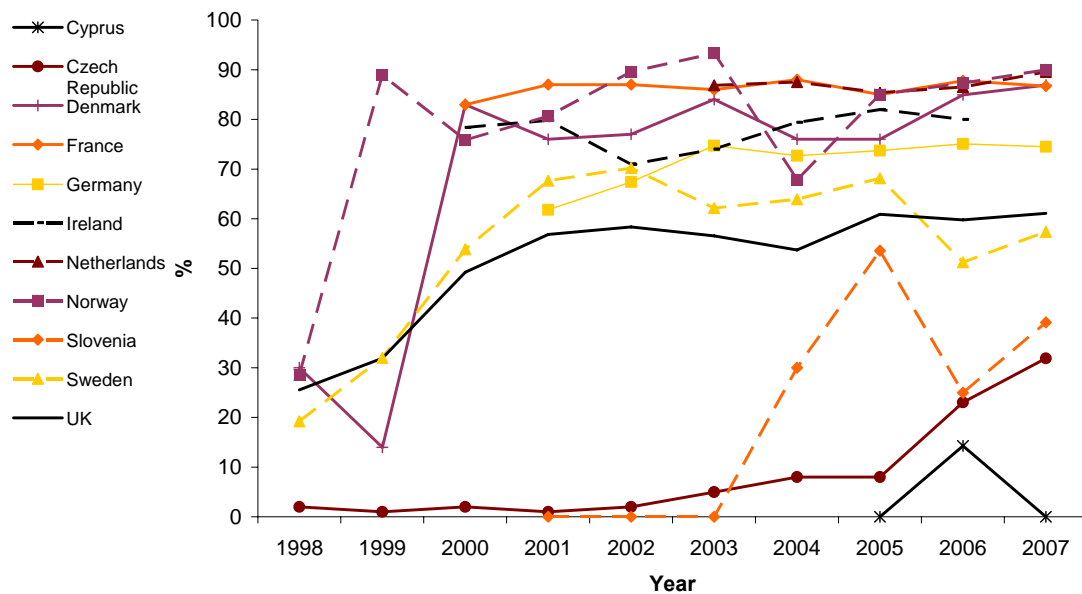
Figure 4.5: Percentage of reported syphilis cases in men by sexual transmission route: 2007



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

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 Netherlands which saw a 10% decrease (513 to 463 cases) although the proportion of male cases homosexually acquired increased from 87% to 90%. In Cyprus no homosexually acquired cases were reported. In the ten year period since 1998 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 4.6).

Figure 4.6: Percentage of reported syphilis cases in men homosexually acquired: 1998-2007



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: 1998-2007

Country	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	% change 2006-2007	% change 1998-2007	Syphilis stages
Austria	205	184	237	320	420	352	312	267	431	455	6	122	All stages
Belgium	-	-	-	-	114	172	248	359	288	NA	NA	NA	primary, secondary, early latent
Cyprus	33	24	33	27	18	21	12	21	13	10	-23	-70	primary, secondary, latent
Czech Republic	451	404	472	405	304	232	225	161	177	413	133	-8	primary, secondary, early latent
Czech Republic	687	731	967	1376	976	849	684	523	502	822	64	20	All stages
Denmark	11	11	14	23	34	84	119	117	77	90	17	718	primary, secondary, early latent
Estonia	1050	804	559	413	286	210	152	111	125	76	-39	-93	All stages
Finland	187	134	204	159	128	133	109	144	128	188	47	1	All stages
France	-	-	37	207	417	448	403	339	455	570	25	-	primary, secondary, early latent
Germany	-	-	-	752	1162	1761	2039	2017	2050	2077	1	-	primary, secondary, early latent
Germany	1151	1143	1121	1696	2394	2930	3352	3229	3162	3254	3	183	All stages
Greece	-	-	-	-	-	116	77	139	141	197	40	-	primary, secondary, early latent
Iceland	5	11	9	8	7	2	4	3	4	NA	NA	NA	primary, secondary, early latent
Ireland	-	-	41	202	149	74	77	63	61	NA	NA	NA	primary, secondary, early latent
Ireland	15	6	46	233	201	114	111	107	102	NA	NA	NA	All stages
Italy	371	323	351	451	793	1084	1345	1403	945	720	-24	94	primary, secondary
Latvia	2597	1541	1021	594	679	784	584	443	483	301	-38	-88	All stages
Malta	-	-	-	-	-	-	11	20	12	12	0	-	primary secondary, latent
Netherlands	-	-	-	-	-	503	631	588	642	559	-13	-	primary secondary, latent
Netherlands	-	-	-	-	-	716	775	698	783	652	-17	-	All stages
Norway	11	53	47	33	67	51	43	24	65	61	-6	455	primary, secondary, latent
Poland													
Portugal	175	252	175	134	129	147	110	103	127	112	-12	-36	primary, secondary, early latent
Slovakia	171	279	384	356	323	230	204	177	225	233	4	36	All stages
Slovenia	29	4	0	9	12	3	13	29	15	28	87	-3	primary, secondary, early latent (2001-2007) primary, secondary (1998-2000)
Slovenia	-	-	-	26	16	11	18	40	30	37	23	-	All stages
Spain	772	682	700	700	734	917	1156	1344	1711	1936	13	151	primary, secondary, latent
Sweden	42	38	99	78	128	177	192	108	171	240	40	471	primary, secondary, latent
Turkey	-	568	395	384	660	456	349	794	707	940	33	-	All stages
UK	139	223	342	753	1257	1652	2283	2721	2684	2680	0	1828	primary, secondary

Table 4.3: Syphilis cases by country and gender: 1998-2007

Country	1998		1999		2000		2001		2002		2003		2004		2005		2006		2007	
	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	25	8	13	11	27	6	18	9	13	5	14	7	10	2	15	6	7	6	7	3
Czech Republic*	338	349	374	357	535	432	794	582	496	480	400	449	350	334	277	246	278	224	489	333
Denmark	10	1	7	4	10	4	17	6	31	3	80	4	113	6	103	14	73	4	84	6
Estonia	525	525	380	424	242	317	190	223	110	176	59	151	39	113	36	75	46	79	25	51
Finland	102	85	86	48	129	75	90	69	72	56	70	63	56	53	84	60	65	63	123	65
France	-	-	-	-	36	1	196	11	402	14	430	18	384	19	305	24	425	30	542	28
Germany*	758	393	767	376	780	341	1379	270	2047	317	2636	273	3022	318	2891	334	2832	328	2985	267
Greece											90	26	57	18	109	30	106	35	162	35
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	276	91	249	68	252	80	334	108	666	118	894	168	1092	231	1107	266	737	198	561	151
Latvia	1321	1276	826	715	526	495	315	279	352	327	408	376	272	312	242	201	256	227	148	153
Malta	-	-	-	-	-	-	-	-	-	-	-	-	9	2	16	4	9	3	8	4
Netherlands**	-	-	-	-	-	-	-	-	-	-	464	39	577	54	547	41	593	49	517	42
Norway	9	2	51	2	34	13	32	1	64	3	43	8	36	7	23	1	63	2	60	1
Portugal	102	103	144	108	104	71	65	69	68	61	90	57	62	48	71	32	93	34	77	35
Slovakia	89	82	166	113	205	179	197	159	183	140	110	120	95	109	97	80	118	107	114	119
Slovenia****	18	11	1	3	0	0	5	4	9	3	0	3	10	3	28	1	12	3	23	5
Sweden	26	16	25	13	78	21	68	10	104	24	156	21	158	34	91	17	121	46	197	41
Turkey	-	-	338	230	239	156	223	161	354	306	256	200	244	105	382	412	429	278	494	446
UK	90	49	166	57	264	78	642	111	1118	139	1461	191	2000	283	2359	362	2389	295	2395	285

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 (2001-2007) primary, secondary (1990-2000)

Table 4.4: Syphilis cases in men by country and sexual transmission: 1998-2007

Country	1998		1999		2000		2001		2002	
	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired	Total	Homo. acquired
Belgium*	-	-	-	-	-	-	-	-	-	-
Cyprus	-	-	-	-	-	-	-	-	-	-
Czech Republic	338	7	374	4	535	12	794	11	496	10
Denmark	10	3	7	1	10	3	17	13	31	24
France	-	-	-	-	36	30	196	170	402	350
Germany ¹	-	-	-	-	-	-	680	420	1074	724
Greece	-	-	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	36	28	195	156	126	90
Netherlands ²	-	-	-	-	-	-	-	-	-	-
Norway	9	2	51	40	34	22	32	25	64	43
Slovenia	-	-	-	-	-	-	5	0	9	0
Sweden	26	5	25	8	78	42	68	46	104	73
UK	90	23	166	53	264	130	642	365	1118	653

Country	2003		2004		2005		2006		2007	
	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	7	0
Czech Republic	400	20	350	27	277	23	278	64	489	156
Denmark	80	68	113	86	103	78	73	62	84	73
France	430	370	384	338	305	260	425	373	542	470
Germany ¹	1646	1229	1908	1386	1867	1376	1914	1436	1959	1459
Greece	90	14	57	8	109	21	106	23	162	46
Ireland	62	46	63	50	56	46	60	48		
Netherlands ²	464	403	577	505	547	467	593	513	517	463
Norway	43	28	36	19	23	17	63	55	60	54
Slovenia	0	0	10	3	28	15	12	5	23	9
Sweden	156	97	158	101	91	62	121	62	197	113
UK	1461	826	2000	1074	2359	1437	2389	1428	2395	1463

*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: 1998-2006

Belgium											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
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: 1998-2007

Cyprus

Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007*
Female	<16	0	0	0	0	0	0	0	0	0	0
	16-19	2	0	0	0	0	0	0	0	0	0
	20-24	2	4	0	3	0	3	0	2	2	2
	25-34	0	2	1	4	2	1	2	4	4	1
	35-44	1	2	4	1	1	2	0	0	0	0
	45+	3	3	1	1	2	1	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		8	11	6	9	5	7	2	6	6	3
Male	<16	0	0	0	0	0	0	0	0	0	0
	16-19	0	0	1	0	0	0	0	2	1	0
	20-24	6	1	0	4	0	0	0	3	4	0
	25-34	4	4	11	7	1	6	6	5	1	1
	35-44	5	5	6	3	5	7	3	2	1	4
	45+	10	3	9	4	6	1	1	3	0	2
	Unknown	0	0	0	0	1	0	0	0	0	0
Male Total		25	13	27	18	13	14	10	15	7	7
Total	<16	0	0	0	0	0	0	0	0	0	0
	16-19	2	0	1	0	0	0	0	2	1	0
	20-24	8	5	0	7	0	3	0	5	6	2
	25-34	4	6	12	11	3	7	8	9	5	2
	35-44	6	7	10	4	6	9	3	2	1	4
	45+	13	6	10	5	8	2	1	4	0	2
	Unknown	0	0	0	0	1	0	0	0	0	0
Total		33	24	33	27	18	21	12	21	13	10

Primary, secondary, latent

*In 2007 data are provided for <15 and 15-19 age groups.

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Czech Republic											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	10	7	2	8	1	4	5	2	1	4
	15-19	39	39	62	59	52	31	18	13	10	21
	20-24	105	104	143	161	103	86	72	39	38	52
	25-34	97	111	116	197	155	165	120	98	72	146
	35-44	26	35	46	65	41	49	40	23	32	37
	45+	72	61	63	92	128	114	79	71	71	73
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		349	357	432	582	480	449	334	246	224	333
Male	<15	8	9	7	7	7	2	3	1	0	2
	15-19	16	13	18	20	15	8	9	4	8	14
	20-24	60	60	94	140	72	52	39	23	28	79
	25-34	133	146	223	362	195	160	138	101	96	179
	35-44	56	71	92	145	90	93	82	60	54	101
	45+	65	75	101	120	117	85	79	88	92	114
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		338	374	535	794	496	400	350	277	278	489
Total	<15	18	16	9	15	8	6	8	3	1	6
	15-19	55	52	80	79	67	39	27	17	18	35
	20-24	165	164	237	301	175	138	111	62	66	131
	25-34	230	257	339	559	350	325	258	199	168	325
	35-44	82	106	138	210	131	142	122	83	86	138
	45+	137	136	164	212	245	199	158	159	163	187
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		687	731	967	1376	976	849	684	523	502	822

All stages

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Denmark											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	0	0	0	2	1	0	1	0	0
	20-24	1	1	0	0	1	0	0	1	1	2
	25-34	0	2	3	2	0	1	1	7	1	1
	35-44	0	0	1	1	0	0	2	2	1	2
	45+	0	1	0	3	0	2	3	3	1	1
	Unknown	0	0	0	0	0	0	0	0	0	0
	Female Total		1	4	4	6	3	4	6	14	4
Male	<15	0	0	1	0	0	1	0	0	0	0
	15-19	0	0	0	0	0	0	1	1	1	2
	20-24	1	0	2	3	4	2	10	3	8	8
	25-34	4	3	1	3	14	30	25	25	22	16
	35-44	1	2	6	5	10	30	44	41	28	33
	45+	4	2	0	6	3	17	33	33	14	25
	Unknown	0	0	0	0	0	0	0	0	0	0
	Male Total		10	7	10	17	31	80	113	103	73
Total	<15	0	0	1	0	0	1	0	0	0	0
	15-19	0	0	0	0	2	1	1	2	1	2
	20-24	2	1	2	3	5	2	10	4	9	10
	25-34	4	5	4	5	14	31	26	32	23	17
	35-44	1	2	7	6	10	30	46	43	29	35
	45+	4	3	0	9	3	19	36	36	15	26
	Unknown	0	0	0	0	0	0	0	0	0	0
	Total		11	11	14	23	34	84	119	117	77

Primary, secondary, early latent

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Estonia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	0	0	0	0	0	0	0	0	0
	15-19	-	71	61	31	19	19	7	8	4	1
	20-24	-	113	70	65	49	44	27	15	17	8
	25-34	-	125	113	82	64	65	45	31	34	26
	35-44	-	70	49	30	32	22	24	16	14	9
	45+	-	42	21	15	12	1	10	5	10	7
	Unknown	-	0	0	0	0	0	0	0	0	0
Female Total		-	421	314	223	176	151	113	75	79	51
Male	<15	-	0	0	0	0	0	0	0	0	1
	15-19	-	30	9	8	5	3	2	0	2	0
	20-24	-	67	40	32	17	7	6	7	2	4
	25-34	-	135	89	76	45	25	22	11	17	8
	35-44	-	98	54	43	29	15	7	10	8	9
	45+	-	46	47	31	14	9	2	8	17	3
	Unknown	-	0	0	0	0	0	0	0	0	0
Male Total		-	376	239	190	110	59	39	36	46	25
Total	<15	-	0	0	0	0	0	0	0	0	1
	15-19	-	101	70	39	24	22	9	8	6	1
	20-24	-	180	110	97	66	51	33	22	19	12
	25-34	-	260	202	158	109	90	67	42	51	34
	35-44	-	168	103	73	61	37	31	26	22	18
	45+	-	88	68	46	26	10	12	13	27	10
	Unknown	-	0	0	0	0	0	0	0	0	0
Total		-	797	553	413	286	210	152	111	125	76

All stages

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Finland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	2	0	2	1	0	0	0	0
	15-19	7	2	3	1	2	1	0	2	2	1
	20-24	14	6	8	14	9	8	5	4	1	4
	25-34	21	11	21	10	11	16	21	13	27	23
	35-44	11	12	10	11	7	7	6	15	10	14
	45+	32	17	31	33	25	30	21	26	23	23
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		85	48	75	69	56	63	53	60	63	65
Male	<15	1	0	0	0	3	1	0	0	1	1
	15-19	1	0	3	1	4	1	0	2	1	1
	20-24	7	4	4	4	2	9	2	2	2	10
	25-34	24	21	27	15	15	16	10	12	9	20
	35-44	23	18	31	20	16	7	13	17	15	35
	45+	46	43	64	50	40	36	31	51	37	56
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		102	86	129	90	72	70	56	84	65	123
Total	<15	1	0	2	0	5	2	0	0	1	1
	15-19	8	2	6	2	6	2	0	4	3	2
	20-24	21	10	12	18	11	17	7	6	3	14
	25-34	45	32	48	25	26	32	31	25	36	43
	35-44	34	30	41	31	23	14	19	32	25	49
	45+	78	60	95	83	65	66	52	77	60	79
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		187	134	204	159	128	133	109	144	128	188

All stages

Table 4.5: Syphilis cases by gender and age group: 1998-2007

France											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006*	2007*
Female	<16*	-	-	0	0	0	0	0	0	0	0
	16-19*	-	-	0	0	2	1	1	1	2	3
	20-24	-	-	1	1	3	3	5	3	3	2
	25-34	-	-	0	6	4	4	9	9	14	9
	35-44	-	-	0	3	1	8	2	3	3	8
	45+	-	-	0	1	4	2	1	7	8	5
	Unknown	-	-	0	0	0	0	1	1	0	1
	Female Total		-	-	1	11	14	18	19	24	30
Male	<16*	-	-	0	0	1	0	0	0	0	0
	16-19*	-	-	0	1	3	3	2	3	6	4
	20-24	-	-	3	15	27	24	29	20	30	54
	25-34	-	-	11	76	139	158	128	107	130	161
	35-44	-	-	16	73	151	181	148	110	160	211
	45+	-	-	6	31	81	62	74	63	94	107
	Unknown	-	-	0	0	0	2	3	2	5	5
	Male Total		-	-	36	196	402	430	384	305	425
Total	<16*	-	-	0	0	1	0	0	0	0	0
	16-19*	-	-	0	1	5	4	3	4	8	7
	20-24	-	-	4	16	30	27	34	23	33	56
	25-34	-	-	11	82	143	162	137	116	144	170
	35-44	-	-	16	76	152	189	150	113	163	219
	45+	-	-	6	32	85	64	75	70	102	112
	Unknown	-	-	0	0	0	2	4	3	5	6
	Total		-	-	37	207	416	448	403	329	455

Primary, secondary and early latent

*In 2006 and 2007 data are provided for <15 and 15-19 age groups

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Germany											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	5	4	3	6	3	3	3
	15-19	-	-	-	16	23	12	17	13	12	18
	20-24	-	-	-	64	70	56	58	52	50	46
	25-34	-	-	-	85	115	93	118	129	106	92
	35-44	-	-	-	48	58	57	55	75	86	50
	45+	-	-	-	52	47	52	64	62	71	58
	Unknown	-	-	-	0	0	0	0	0	0	0
	Female Total		-	-	-	270	317	273	318	334	328
Male	<15	-	-	-	3	3	5	2	2	2	4
	15-19	-	-	-	24	27	33	46	51	28	38
	20-24	-	-	-	82	148	176	215	220	188	209
	25-34	-	-	-	478	653	794	907	812	765	778
	35-44	-	-	-	471	783	1095	1204	1186	1179	1186
	45+	-	-	-	321	433	533	648	620	670	770
	Unknown	-	-	-	0	0	0	0	0	0	0
	Male Total		-	-	-	1379	2047	2636	3022	2891	2832
Total	<15	-	-	-	8	7	8	8	5	5	7
	15-19	-	-	-	44	53	47	64	65	40	56
	20-24	-	-	-	156	220	235	275	272	238	255
	25-34	-	-	-	579	782	896	1027	943	871	870
	35-44	-	-	-	526	850	1157	1266	1262	1266	1238
	45+	-	-	-	383	482	587	712	682	742	828
	Unknown	-	-	-	0	0	0	0	0	0	0
	Total		-	-	-	1696	2394	2930	3352	3229	3162

All stages

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Greece											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15						0	0	0	0	0
	15-19						1	0	4	1	0
	20-24						4	2	3	9	5
	25-34						5	5	6	15	12
	35-44						4	2	6	6	8
	45+						3	7	6	4	8
	Unknown						9	2	5	0	2
Female Total							26	18	30	35	35
Male	<15						0	0	0	0	0
	15-19						0	2	2	1	2
	20-24						5	2	4	3	10
	25-34						21	16	32	41	57
	35-44						19	11	38	37	56
	45+						15	19	40	24	28
	Unknown						30	7	3	-	9
Male Total							90	57	109	106	162
Total	<15						0	0	0	0	0
	15-19						1	2	6	2	2
	20-24						9	4	7	12	15
	25-34						26	21	38	56	69
	35-44						23	13	44	43	64
	45+						18	26	46	28	36
	Unknown						39	9	8	-	11
Total							116	77	139	141	197

Table 4.5: Syphilis cases by gender and age group: 1998-2006

Iceland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
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: 1998-2006*

Ireland											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	0	0	0	0	0	
	15-19	0	0	1	0	3	2	0	0	0	
	20-24	0	0	1	1	4	4	4	2	0	
	25-34	0	0	2	4	6	6	6	3	0	
	35-44	0	0	0	2	8	0	3	2	0	
	45+	0	0	0	0	2	0	1	0	1	
	Unknown	6	3	0	0	0	0	0	0	0	
Female Total		6	3	4	7	23	12	14	7	1	
Male	<15	0	0	0	0	0	0	0	0	1	
	15-19	0	0	0	4	1	1	2	1	0	
	20-24	0	0	6	19	12	6	9	13	13	
	25-34	0	0	11	82	45	28	30	19	25	
	35-44	0	0	17	62	45	13	16	14	16	
	45+	0	0	2	28	23	14	6	9	5	
	Unknown	9	3	0	0	0	0	0	0	0	
Male Total		9	3	36	195	126	62	63	56	60	
Total	<15	0	0	0	0	0	0	0	0	1	
	15-19	0	0	1	4	4	3	2	1	0	
	20-24	0	0	7	20	16	10	13	15	13	
	25-34	0	0	13	86	51	34	36	22	25	
	35-44	0	0	18	64	53	13	19	16	16	
	45+	0	0	2	28	25	14	7	9	6	
	Unknown	15	6	0	0	0	0	0	0	0	
Total**		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: 1998-2007

Italy											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	3	3	1	1	2	2	6	3	4	1
	15-24	18	16	21	24	27	36	55	64	46	33
	25-64	60	41	49	70	84	116	161	183	140	108
	65+	9	6	5	7	5	7	6	8	6	2
	Unknown	1	2	4	6	0	7	3	8	2	7
Female Total		91	68	80	108	118	168	231	266	198	151
Male	<15	4	6	3	3	6	3	6	7	11	6
	15-24	17	13	26	31	72	64	88	113	58	47
	25-64	228	201	200	277	536	777	944	927	631	469
	65+	17	16	14	10	23	19	26	37	23	22
	Unknown	10	13	9	13	29	31	28	23	14	17
Male Total		276	249	252	334	666	894	1092	1107	737	561
Total	<15	7	9	4	4	8	5	12	10	15	7
	15-24	35	29	47	55	99	100	143	177	104	80
	25-64	288	242	249	347	620	893	1105	1110	771	577
	65+	26	22	19	17	28	26	32	45	29	24
	Unknown	15	21	32	28	38	60	53	61	16	24
Total		371	323	351	451	793	1084	1345	1403	935	712

Primary and secondary

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Latvia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	13	12	3	4	6	6	1	3	0	0
	15-19	223	104	48	19	32	45	43	33	20	10
	20-24	309	152	95	57	69	90	55	37	40	26
	25-34	391	221	190	96	110	120	96	70	76	50
	35-39	138	80	47	26	39	43	42	15	34	19
	40-49	140	98	76	52	51	47	49	30	32	29
	50+	62	48	36	25	20	25	26	13	25	19
	Female Total		1276	715	495	279	327	376	312	201	227
Male	<15	15	7	12	4	1	3	3	1	1	0
	15-19	80	46	18	13	6	17	11	8	7	2
	20-24	280	142	87	51	42	67	43	43	29	15
	25-34	464	279	179	101	115	129	89	79	78	54
	35-39	175	118	68	53	76	63	30	30	42	20
	40-49	195	141	104	47	72	85	54	45	60	35
	50+	112	93	58	46	40	44	42	36	39	22
	Male Total		1321	826	526	315	352	408	272	242	256
Total	<15	28	19	15	8	7	9	4	4	1	0
	15-19	303	150	66	32	38	62	54	41	27	12
	20-24	589	294	182	108	111	157	98	80	69	41
	25-34	855	500	369	197	225	249	185	149	154	104
	35-39	313	198	115	79	115	106	72	45	76	39
	40-49	335	239	180	99	123	132	103	75	92	64
	50+	174	141	94	71	60	69	68	49	64	41
	Total		2597	1541	1021	594	679	784	584	443	483

All stages

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Malta											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	0	0
	20-24	-	-	-	-	-	-	-	-	0	1
	25-34	-	-	-	-	-	-	-	-	1	2
	35-44	-	-	-	-	-	-	-	-	2	1
	45+	-	-	-	-	-	-	-	-	0	0
	Unknown	-	-	-	-	-	-	-	-	0	0
	Female Total		-	-	-	-	-	-	-	-	3
Male	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	0	0
	20-24	-	-	-	-	-	-	-	-	1	0
	25-34	-	-	-	-	-	-	-	-	3	1
	35-44	-	-	-	-	-	-	-	-	3	4
	45+	-	-	-	-	-	-	-	-	2	3
	Unknown	-	-	-	-	-	-	-	-	0	0
	Male Total		-	-	-	-	-	-	-	-	9
Total	<15	-	-	-	-	-	-	-	-	0	0
	15-19	-	-	-	-	-	-	-	-	0	0
	20-24	-	-	-	-	-	-	-	-	1	1
	25-34	-	-	-	-	-	-	-	-	4	3
	35-44	-	-	-	-	-	-	-	-	5	5
	45+	-	-	-	-	-	-	-	-	2	3
	Unknown	-	-	-	-	-	-	-	-	0	0
Total		-	-	-	-	-	-	-	-	12	12

Primary, secondary and latent

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Netherlands											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	-	-	0	0	0	0	0
	15-19	-	-	-	-	-	2	2	0	4	1
	20-24	-	-	-	-	-	6	10	7	5	7
	25-34	-	-	-	-	-	19	13	7	12	18
	35-44	-	-	-	-	-	8	14	16	15	9
	45+	-	-	-	-	-	4	15	11	13	7
	Unknown	-	-	-	-	-	0	0	0	0	0
	Female Total		-	-	-	-	-	39	54	41	49
Male	<15	-	-	-	-	-	0	0	0	0	0
	15-19	-	-	-	-	-	5	4	4	6	3
	20-24	-	-	-	-	-	30	40	29	30	26
	25-34	-	-	-	-	-	136	169	165	141	134
	35-44	-	-	-	-	-	188	201	198	232	188
	45+	-	-	-	-	-	105	163	151	184	166
	Unknown	-	-	-	-	-	0	0	0	0	0
	Male Total		-	-	-	-	-	464	577	547	593
Total	<15	-	-	-	-	-	0	0	0	0	0
	15-19	-	-	-	-	-	7	6	4	10	4
	20-24	-	-	-	-	-	36	50	36	35	33
	25-34	-	-	-	-	-	155	182	172	153	152
	35-44	-	-	-	-	-	196	215	214	247	197
	45+	-	-	-	-	-	109	178	162	197	173
	Unknown	-	-	-	-	-	0	0	0	0	0
	Total		-	-	-	-	-	503	631	588	642

Primary, secondary and latent

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Norway											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	0	0	0	0	0	0
	15-19	0	0	1	0	0	1	0	0	0	0
	20-24	0	0	2	0	0	2	1	0	1	0
	25-34	1	0	1	0	1	0	1	0	0	0
	35-44	0	1	2	0	0	0	1	0	0	0
	45+	0	1	0	0	0	0	0	1	0	0
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		1	2	6	0	1	3	3	1	1	0
Male	<15	0	0	0	0	0	0	0	0	0	0
	15-19	1	0	0	1	1	1	0	1	2	0
	20-24	0	3	0	3	3	4	2	1	4	2
	25-34	1	11	9	14	12	11	12	8	13	11
	35-44	3	14	10	9	13	9	11	6	19	23
	45+	2	17	10	4	19	5	3	4	12	16
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		7	45	29	31	48	30	28	20	50	52
Total	<15	0	0	0	0	0	0	0	0	0	0
	15-19	1	0	1	1	1	2	0	1	2	0
	20-24	0	3	2	3	3	6	3	1	5	2
	25-34	2	11	10	14	13	11	13	8	13	11
	35-44	3	15	12	9	13	9	12	6	19	23
	45+	2	18	10	4	19	5	3	5	12	16
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		8	47	35	31	49	33	31	21	51	52

Primary and secondary

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Portugal											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	≤14	0	1	0	0	0	1	1	0	2	0
	15-24	17	26	19	20	20	14	7	7	5	2
	25-34	30	45	27	23	21	21	13	9	9	13
	35-44	18	15	13	19	11	8	17	10	13	11
	45+	7	20	12	7	9	13	10	6	5	9
	Unknown	1	1	0	0	0	0	0	0	0	0
Female Total		73	108	71	69	61	57	48	32	34	35
Male	≤14	1	0	1	1	1	2	0	0	1	0
	15-24	14	16	14	11	13	9	7	7	14	19
	25-34	21	45	26	17	22	32	19	22	26	20
	35-44	27	39	35	18	12	21	16	26	26	23
	45+	37	44	28	17	19	26	20	16	26	15
	Unknown	2	0	0	1	1	0	0	0	0	0
Male Total		102	144	104	65	68	90	62	71	93	77
Total	≤14	1	1	1	1	1	3	1	0	3	0
	15-24	31	42	33	31	33	23	14	14	19	21
	25-34	51	90	53	40	43	53	32	31	35	33
	35-44	45	54	48	37	23	29	33	36	39	34
	45+	44	64	40	24	28	39	30	22	31	24
	Unknown	3	1	0	1	1	0	0	0	0	0
Total		175	252	175	134	129	147	110	103	127	112

Primary, secondary, early latent

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Slovakia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	2	1	4	1	4	5	5	2	4	3
	15-19	8	14	21	14	17	11	12	13	7	5
	20-24	28	39	50	45	30	33	15	19	20	15
	25-34	20	36	71	53	48	41	47	26	40	39
	35-44	9	12	22	22	15	11	12	7	11	18
	45+	15	11	11	24	26	19	18	13	25	39
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		82	113	179	159	140	120	109	80	107	119
Male	<15	3	4	4	2	6	2	2	2	1	1
	15-19	2	7	5	2	14	11	5	5	11	3
	20-24	18	33	35	30	30	15	11	13	16	18
	25-34	30	49	73	68	56	39	26	32	40	32
	35-44	20	30	40	48	31	17	28	12	16	22
	45+	16	43	48	47	46	26	23	33	34	38
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		89	166	205	197	183	110	95	97	118	114
Total	<15	5	5	8	3	10	7	7	4	5	4
	15-19	10	21	26	16	31	22	17	18	18	8
	20-24	46	72	85	75	60	48	26	32	36	33
	25-34	50	85	144	121	104	80	73	58	80	71
	35-44	29	42	62	70	46	28	40	19	27	40
	45+	31	54	59	71	72	45	41	46	59	77
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		171	279	384	356	323	230	204	177	225	233

All stages

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Slovenia											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	-	-	-	0	0	0	0	0	0	0
	15-19	-	-	-	1	1	0	0	0	0	0
	20-24	-	-	-	2	1	0	0	0	1	1
	25-34	-	-	-	0	1	2	2	1	1	3
	35-44	-	-	-	1	0	0	1	0	1	0
	45+	-	-	-	0	0	0	0	0	0	1
	Unknown	-	-	-	0	0	1	0	0	0	0
Female Total		-	-	-	4	3	3	3	1	3	5
Male	<15	-	-	-	0	0	0	0	0	0	0
	15-19	-	-	-	0	0	0	1	0	0	0
	20-24	-	-	-	0	0	0	2	7	3	3
	25-34	-	-	-	4	5	0	2	10	3	13
	35-44	-	-	-	1	0	0	4	8	4	6
	45+	-	-	-	0	4	0	1	3	2	1
	Unknown	-	-	-	0	0	0	0	0	0	0
Male Total		-	-	-	5	9	0	10	28	12	23
Total	<15	-	-	-	0	0	0	0	0	0	0
	15-19	-	-	-	1	1	0	1	0	0	0
	20-24	-	-	-	2	1	0	2	7	4	4
	25-34	-	-	-	4	6	2	4	11	4	16
	35-44	-	-	-	2	0	0	5	8	5	6
	45+	-	-	-	0	4	0	1	3	2	2
	Unknown	-	-	-	0	0	1	0	0	0	0
Total		-	-	-	9	12	3	13	29	15	28

Primary, secondary and early latent

Table 4.5: Syphilis cases by gender and age group: 1998-2007

Sweden											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006*	2007*
Female	<16*	0	0	0	0	0	0	1	0	0	1
	16-19*	0	2	1	0	0	2	3	0	0	1
	20-24	4	4	0	5	6	3	3	3	3	4
	25-34	7	2	13	2	8	7	16	10	27	20
	35-44	2	0	3	1	7	6	9	2	9	11
	45+	3	5	4	2	3	3	2	2	7	4
	Unknown	0	0	0	0	0	0	0	0	0	0
Female Total		16	13	21	10	24	21	34	17	46	41
Male	<16*	0	1	0	1	2	0	1	2	0	2
	16-19*	1	0	2	1	2	5	2	1	2	3
	20-24	0	0	2	6	6	9	13	5	8	11
	25-34	9	5	21	26	27	44	40	22	32	59
	35-44	5	12	34	17	42	62	60	32	38	69
	45+	11	7	19	17	25	36	42	29	41	53
	Unknown	0	0	0	0	0	0	0	0	0	0
Male Total		26	25	78	68	104	156	158	91	121	197
Total	<16*	0	1	0	1	2	0	2	2	0	3
	16-19*	1	2	3	1	2	7	5	1	2	4
	20-24	4	4	2	11	12	12	16	8	11	15
	25-34	16	7	34	28	35	51	56	32	62	79
	35-44	7	12	37	18	49	68	69	34	48	82
	45+	14	12	23	19	28	39	44	31	48	57
	Unknown	0	0	0	0	0	0	0	0	0	0
Total		42	38	99	78	128	177	192	108	171	240

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

*In 2006 and 2007 data are provided for <15 and 15-19 age groups.

Table 4.5: Syphilis cases by gender and age group: 1998-2007

United Kingdom											
Sex	Age Group	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Female	<15	0	0	0	0	1	0	0	8	1	2
	15-19	3	13	10	15	18	27	32	37	59	48
	20-24	14	19	13	28	33	43	66	87	72	70
	25-34	22	19	30	41	53	74	101	112	87	86
	35-44	5	1	11	19	22	30	61	75	56	41
	45+	2	5	13	7	11	17	23	43	19	32
	Unknown	3	0	1	1	1	0	0	0	1	6
Female Total		49	57	78	111	139	191	283	362	295	285
Male	<15	0	0	0	0	1	0	0	3	0	0
	15-19	5	7	8	12	29	33	36	77	63	54
	20-24	7	18	25	71	101	140	199	305	278	279
	25-34	37	69	91	245	395	531	661	755	714	721
	35-44	21	44	89	199	395	502	735	770	851	762
	45+	15	25	49	104	189	253	368	447	470	496
	Unknown	5	3	2	11	8	2	1	2	13	83
Male Total		90	166	264	642	1118	1461	2000	2359	2389	2395
Total	<15	0	0	0	0	2	0	0	11	1	2
	15-19	8	20	18	27	47	60	68	114	122	102
	20-24	21	37	38	99	134	183	265	392	350	349
	25-34	59	88	121	286	448	605	762	867	801	807
	35-44	26	45	100	218	417	532	796	845	907	803
	45+	17	30	62	111	200	270	391	490	489	528
	Unknown	8	3	3	12	9	2	1	2	14	89
Total		139	223	342	753	1257	1652	2283	2721	2684	2680

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	Institut 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	Warsaw 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