# **EPI-NEWS**

NATIONAL SURVEILLANCE OF COMMUNICABLE DISEASES

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According to the national laboratory notification system, 2006 saw 24,866 confirmed cases of chlamydia (oculogenital infection caused by Chlamydia trachomatis). This corresponds to an annual incidence of 458 per  $10^5$ (441 per  $10^5$  in 2005). From 1994 to 2004, 260,000-300,000 analyses were performed annually, and chlamydia was detected in approximately 5.5% of those investigated. The corresponding figures for 2006 were 324,660 and 7.7%, <u>Table 1</u>.

#### Table 1. Analyses and laboratory confirmed chlamydia cases, 1994-2006. Percentage of positives in ()

2000.1	creentage of	positives	ш()
Year	Analyses	Cases	(%)
1994	277,464	13,869	(5.0)
1995	271,555	13,038	(4.8)
1996	281,579	13,369	(4.7)
1997	271,652	13,596	(5.0)
1998	272,920	12,831	(4.7)
1999	262,131	13,930	(5.3)
2000	268,471	14,735	(5.5)
2001	280,694	15,150	(5.4)
2002	275,447	16,203	(5.9)
2003	268,008	18,406	(6.9)
2004	296,979	21,624	(7.3)
2005	316,119	23,854	(7.5)
2006	324,660	24,866	(7.7)

Among males, 82% were aged 15-29 years, while 89% of females belonged to this age group. This distribution remained stable compared with 2005, <u>Table 2</u>.

#### Table 2. Age specific incidence of chlamydia for the 24.841 cases in which both age and gender was stated, 2006

	Males		Fem	Females	
Year	No.	Per 10 <sup>5</sup>	No.	Per 10 <sup>5</sup>	
<1	40	122	39	123	
1-4	0	0	0	0	
5-9	0	0	1	1	
10-14	21	12	155	91	
15-19	2,172	1,345	6,254	4,095	
20-24	3,530	2,391	5,416	3,768	
25-29	1,866	1,114	2,216	1,335	
30-34	850	439	915	477	
35-39	384	188	370	187	
40-44	194	93	165	82	
45-49	76	40	62	34	
50+	66	7	49	5	
Total	9 1 9 9	343	15 642	571	

Males constituted 37% of the diagnosed cases. The male proportion increased steadily from 23% in 1994 to 36% in 2005. The incidence among males and females was 6% and 3% higher than in 2005, respecttively. The M/F ratio was below the

### CHLAMYDIA 2006

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national average in nine counties and under 0.5 in one county (Roskilde), <u>Table 3</u>.

#### Table 3. Laboratory confirmed chlamydia incidence per 10<sup>5</sup> by county, gender, and M/F ratio, 2006

	No. per 10 <sup>5</sup>		M/F
County	М	F	ratio
Cph. & Frb.			
Municipalities	596	828	0.72
Cph. County	305	480	0.64
Frederiksborg	247	414	0.60
Roskilde	210	494	0.43
West Zealand	256	500	0.51
Storstroem	265	467	0.57
Bornholm	309	443	0.70
Funen	336	578	0.58
South Jutland	263	470	0.56
Ribe	342	541	0.63
Vejle	310	587	0.53
Ringkoebing	307	530	0.58
Aarhus	409	646	0.63
Viborg	275	473	0.58
North Jutland	361	658	0.55
Total	343	571	0.60

#### Diagnosis

All Danish laboratories now employ DNA amplification methods for chlamydia diagnosis. Chlamydia was detected in urine samples in 27% of the cases as opposed to 23% in 2005. Male samples constituted 94% of the positive urine samples (96% in 2005). Urine was used as sample material in 70% of the male chlamydia cases (60% in 2005). Urine sample analyses were reported from 16 of the 17 laboratories; two more than in 2005. Among these, the proportion of patients with chlamydia who were diagnosed by urine samples varied between 9% and 58% (14-54% in 2005). One county had two diagnosing laboratories, and one laboratory received specimens from the entire country. The proportion of patients with chlamydia diagnosed by urine samples varied between counties from 10% to 35% (2-35% in 2005). Rectal chlamydia was detected in nine males.

#### Chlamydia in children

Chlamydia was detected in 257 children under the age of 15 years. Among these, 80 (31%) were under 1 year old, of whom 78 had conjunctivitis. Among 36 children  $\leq$  1 year with conjunctivitis, for whom age had been stated in months, 35 were younger than one month and one child was one month old. Urogenital chlamydia was detected in 15



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thirteen-year-old and 137 fourteenyear-old girls and in 20 fourteenyear-old boys. On suspicion of sexual abuse of children as well as adults, a DNA amplification technique as well as culture should be used to examine for Chlamydia. The specimen taking method and dispatch should be agreed beforehand with the relevant laboratory.

#### Commentary

The number of chlamydia analyses increased by 3% from 2005 to 2006. The number of diagnosed cases continues the increasing trend; 4% higher than in 2005.

The age-specific incidence increased for males and females in the age groups 15-19, 20-24 and 25-29 years. Among females, however, the increase in the two last-mentioned age groups was modest, while the incidence among 15-19-year-old females was higher than that observed among 20-24-year-old females, as was the case in 2005. It is not known, if this reflects a real increase in the incidence or increased examination efforts in this age group. Males constituted the most substantial proportion of the detected cases observed to date (37%). Urine samples accounted for an increased share of the positive tests, but it is not known if they also constitute an increasing proportion of all samples tested, as gender and age distribution is only known for positive tests. (S. Hoffmann, DBMP)

#### CHLAMYDIA TRACHOMATIS MUTANT

In the Swedish province of Halland, a decrease was observed in the proportion of positive findings among samples tested for Chlamydia trachomatis (CT) in the late summer of 2006. This tendency was caused by a particular CT variant, whose plasmid DNA has mutated in such a manner it cannot be detected by some commercially available diagnostic kits. In some areas of Sweden, the mutated strain currently constitutes nearly 60% of diagnosed cases. Furthermore, the strain has been detected in Norway. Statens Serum Institut examined approximately 2,000 samples in the period October 2006 – March 2007 and detected the mutant in a single sample in March 2007. Consequently, the prevalence of the mutant in Denmark is not fully known at present. (J.S. Jensen, DBMP)

## Individually notifiable diseases

Number of notifications received in the Department of Epidemiology, SSI (2007 figures are preliminary)

Allos I     2007     2007     2007     2006     I       AIDS     3     22     14       Anthrax     0     0     0       Botulism     0     0     0       Cholera     0     0     0       Creutzfeldt-Jakob     0     3     4       Diphtheria     0     0     0     0       Food-borne diseases     7     164     119       of these, infected abroad     0     28     31       Gonorrhoea     1     121     151       Haemorhagic fever     0     0     0       Hepatitis B (acute)     0     7     9       Hepatitis C (acute)     0     2     5       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     4     5       Leprosy     0     0     0     0       Leptospirosis     1     6     3     35	Table 1	Week 18	Cum.	Cum.
AIDS32214Anthrax000Botulism000Cholera000Creutzfeldt-Jakob034Diphtheria000Food-borne diseases7164119of these, infected abroad02831Gonorrhoea1121151Haemorhagic fever000Hepattits A0115of these, infected abroad041Hepattits B (chronic)288166Hepattits C (acute)025Hepattits C (chronic)2101264HIV710374Legionella pneumonia03027of these, infected abroad045Leprosy000Leptospirosis163Meningococcal disease01335of these, group B066of these, group C000Of these, group C02822Plague0000Purulent meningitis		2007	2007 1)	2006 1)
Anthrax000Botulism000Cholera000Creutzfeldt-Jakob000Food-borne diseases7164119of these, infected abroad02831Gonorrhoea1121151Haemorhagic fever000Hepatitis A0115of these, infected abroad041Hepatitis B (acute)079Hepatitis B (chronic)2101264Hilv710374Legionella pneumonia03027of these, infected abroad045Leptospirosis1663Meningococcal disease01335of these, group B0618of these, group C000Of these, unspec. + other0111Mumps0238Orithosis02822Plague000Purulent meningitis	AIDS	3	22	14
Botulism000Cholera0000Creutzfeldt-Jakob0034Diphtheria002831Gonorhoea diseases7164119of these, infected abroad02831Gonornhoea1121151Haemorrhagic fever000Hepatitis A00115of these, infected abroad079Hepatitis B (acute)079Hepatitis B (chronic)288166Hepatitis C (acute)025Hepatitis C (chronic)2101264HIV710374Legionella pneumonia03027of these, infected abroad045Leprosy0000Leptospirosis163Measles0218Meningococcal disease0111Mumps048Neuroborreliosis02613Or these, group B000Or these, unspec. + other0111Mumps048Neuroborreliosis02822Plague000Polio000Or these, infloted abroad01Isteria monocytogenes054Streptococcus pneumonia0 <t< td=""><td>Anthrax</td><td>0</td><td>0</td><td>0</td></t<>	Anthrax	0	0	0
Cholera000Creutzfeldt-Jakob034Diphtheria000Food-borne diseases7164119of these, infected abroad02831Gonornhoea1121151Haemornhagic fever000Hepatitis A0115of these, infected abroad041Hepatitis B (chronic)288166Hepatitis C (chronic)2101264HIV710374Legionella pneumonia03027of these, infected abroad045Leprosy000Leprosy000Leprosy01111Mungococcal disease01335of these, group B0618of these, unspec. + other0111Mumps048Neuroborreliosis02822Plague000Purulent meningitis	Botulism	0	0	0
Creutzfeldt-Jakob     0     3     4       Diphtheria     0     0     0       Food-borne diseases     7     164     119       of these, infected abroad     0     28     31       Gonorrhoea     1     121     151       Haemorrhagic fever     0     0     0       Hepatitis A     0     11     5       of these, infected abroad     0     4     1       Hepatitis B (acute)     0     2     55       Hepatitis C (acute)     0     2     56       Hepatitis C (chronic)     2     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, group C     0     6     11       Mumps     0     2     22	Cholera	0	0	0
Diphtheria     0     0     0       Food-borne diseases     7     164     119       of these, infected abroad     0     28     31       Gonorrhoea     1     121     151       Haemorrhagic fever     0     0     0       Hepatitis A     0     11     5       of these, infected abroad     0     4     1       Hepatitis B (acute)     0     7     9       Hepatitis C (acute)     0     2     5       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Meaisles     0     2     18       Meningococcal disease     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     1     1       of these	Creutzfeldt-Jakob	0	3	4
Food-borne diseases     7     164     119       of these, infected abroad     0     28     31       Gonorrhoea     1     121     151       Haemorrhagic fever     0     0     0       Hepatitis A     00     11     5       of these, infected abroad     0     7     9       Hepatitis B (acute)     0     7     9       Hepatitis C (acute)     0     2     5       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Leprosy     0     0     0     11       Meningococcal disease     0     13     35       of these, group B     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     1 <	Diphtheria	0	0	0
of these, infected abroad     0     28     31       Gonorrhoea     1     121     151       Haemorrhagic fever     0     0     0       Hepatitis A     0     11     5       of these, infected abroad     0     4     1       Hepatitis B (acute)     0     7     9       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pague     0     0     0       Plague     0	Food-borne diseases	7	164	119
Gonorrhoea     1     121     151       Haemorrhagic fever     0     0     0       Hepatitis A     0     11     5       of these, infected abroad     0     4     1       Hepatitis B (acute)     0     7     9       Hepatitis C (acute)     0     2     55       Hepatitis C (acute)     0     2     57       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Leptospirosis     1     6     3     3       Meningococcal disease     0     13     35     of these, group C     0     6     6       of these, group C     0     6     1     11     11       Mumps     0     1     6     13     35       of these, group C     0 </td <td>of these, infected abroad</td> <td>0</td> <td>28</td> <td>31</td>	of these, infected abroad	0	28	31
Haemorrhagic fever     0     0     11       Hepatitis A     0     11     5       of these, infected abroad     0     4     1       Hepatitis B (acute)     0     7     9       Hepatitis C (acute)     0     2     55       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group C     0     6     18       of these, group C     0     4     8       Neuroborreliosis     0     1     16       Pertussis (children < 2 years)	Gonorrhoea	1	121	151
Hepatitis A     0     11     5       of these, infected abroad     0     4     1       Hepatitis B (acute)     0     7     9       Hepatitis B (chronic)     2     88     166       Hepatitis C (acute)     0     2     5       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group C     0     6     11       Mumps     0     4     8       Neuroborreliosis     0     1     6       Ornithosis     0     1     6       Pertussis (children < 2 years)	Haemorrhagic fever	0	0	0
of these, infected abroad     0     4     1       Hepatitis B (acute)     0     7     9       Hepatitis B (chronic)     2     88     166       Hepatitis C (acute)     0     2     5       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0     0       Leptospirosis     1     6     3       Meailes     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     1     6       Ornithosis     0     1     1       Haemophilus influenzae     0     1     1	Hepatitis A	0	11	5
Hepatitis B (acute)   0   7   9     Hepatitis B (chronic)   2   88   166     Hepatitis C (acute)   0   2   5     Hepatitis C (chronic)   2   101   264     HIV   7   103   74     Legionella pneumonia   0   30   27     of these, infected abroad   0   4   5     Leprosy   0   0   0     Leptospirosis   1   6   3     Measles   0   2   18     Meningococcal disease   0   13   35     of these, group C   0   6   18     of these, group C   0   4   8     Neuroborreliosis   0   26   13     Ornithosis   0   1   1     Mumps   0   4   8     Neuroborreliosis   0   1   1     Ornithosis   0   1   1     Haemophilus influenzae   0   1   1     Listeria monocytogenes   0   5   4<	of these, infected abroad	0	4	1
Hepatitis B (chronic)     2     88     166       Hepatitis C (acute)     0     2     5       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, group C     0     6     13       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     1     6       Ornithosis     0     1     1       Haemophilus influenzae     0     1     1       Listeria monocytogenes     0     5     4       Streptococcus pneumoni	Hepatitis B (acute)	0	7	9
Hepatitis C (acute)     0     2     5       Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     6       of these, group C     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     1     6       Ornithosis     0     1     6       Plague     0     0     0       Plague     0     1     1       Listeria monocytogenes     0     5     4       Streptococcus pneumoniae     0     <	Hepatitis B (chronic)	2	88	166
Hepatitis C (chronic)     2     101     264       HIV     7     103     74       Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     6       of these, group C     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     1     6       Ornithosis     0     1     6       Pertussis (children < 2 years)	Hepatitis C (acute)	0	2	5
HIV     7     103     74       Legionella pneumonia of these, infected abroad     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, group C     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     1     6       Ornithosis     0     1     6       Pertussis (children < 2 years)	Hepatitis C (chronic)	2	101	264
Legionella pneumonia     0     30     27       of these, infected abroad     0     4     5       Leprosy     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, group C     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     1     6       Ornithosis     0     1     6       Pague     0     0     0       Polio     0     0     0       Purulent meningitis     -     -     -       Haemophilus influenzae     0     1     1       Listeria monocytogenes     0     5     4       Streptococcus pneumoniae     0     29     38       Other aethiology     0	HIV	7	103	74
of these, infected abroad     0     4     5       Leprosy     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	Legionella pneumonia	0	30	27
Leprosy     0     0     0       Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	of these, infected abroad	0	4	5
Leptospirosis     1     6     3       Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, group C     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	Leprosy	0	0	0
Measles     0     2     18       Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	Leptospirosis	1	6	3
Meningococcal disease     0     13     35       of these, group B     0     6     18       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	Measles	0	2	18
of these, group B     0     6     18       of these, group C     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	Meningococcal disease	0	13	35
of these, group C     0     6     6       of these, unspec. + other     0     1     11       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	of these, group B	0	6	18
of these, unspec. + other     0     1     111       Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	of these, group C	0	6	6
Mumps     0     4     8       Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	of these, unspec. + other	0	1	11
Neuroborreliosis     0     26     13       Ornithosis     0     1     6       Pertussis (children < 2 years)	Mumps	0	4	8
Ornithosis     0     1     6       Pertussis (children < 2 years)	Neuroborreliosis	0	26	13
Pertussis (children < 2 years)     0     28     22       Plague     0     0     0     0       Polio     0     0     0     0       Polio     0     0     0     0       Purulent meningitis     1     1     1       Haemophilus influenzae     0     1     1       Listeria monocytogenes     0     29     38       Other aethiology     0     3     2       Unknown aethiology     0     3     9       Under registration     3     41     -       Rabies     0     0     0     0       Rubella (congenital)     0     0     0     0       Shigellosis     1     20     22     of these, infected abroad     0     11     20       Syphilis     0     30     27     7     7     126     1     1     26       Typhoid/paratyphoid fever     0     5     11     1     1     1       O	Ornithosis	0	1	6
Plague000Polio000Purulent meningitis11Haemophilus influenzae011Listeria monocytogenes054Streptococcus pneumoniae02938Other aethiology032Unknown aethiology039Under registration341-Rabies000Rubella (congenital)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad010VTEC/HUS15640of these, infected abroad01910	Pertussis (children < 2 years)	0	28	22
Polio000Purulent meningitisHaemophilus influenzae011Listeria monocytogenes054Streptococcus pneumoniae02938Other aethiology032Unknown aethiology039Under registration341-Rabies000Rubella (congenital)000Rubella (during pregnancy)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad010VTEC/HUS15640of these, infected abroad01910	Plague	0	0	0
Purulent meningitisImage: constraint of the set infected abroadImage: constraint of the set infected abroadPurulent meningitis011Listeria monocytogenes054Streptococcus pneumoniae02938Other aethiology032Unknown aethiology039Under registration341-Rabies000Rubella (congenital)000Rubella (during pregnancy)000Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad010VTEC/HUS15640of these, infected abroad01910	Polio	0	0	0
Haemophilus influenzae011Listeria monocytogenes054Streptococcus pneumoniae02938Other aethiology032Unknown aethiology039Under registration341-Rabies000Rubella (congenital)000Rubella (during pregnancy)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad010VTEC/HUS15640of these, infected abroad01910	Purulent meningitis			
Listeria monocytogenes054Streptococcus pneumoniae02938Other aethiology032Unknown aethiology039Under registration341-Rabies000Rubella (congenital)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad010VTEC/HUS15640of these, infected abroad01910	Haemophilus influenzae	0	1	1
Streptococcus pneumoniae02938Other aethiology032Unknown aethiology039Under registration341-Rabies000Rubella (congenital)000Rubella (during pregnancy)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad010VTEC/HUS15640of these, infected abroad01910	Listeria monocytogenes	0	5	4
Other aethiology     0     3     2       Unknown aethiology     0     3     9       Under registration     3     41     -       Rabies     0     0     0     0       Rubella (congenital)     0     0     0     0       Rubella (during pregnancy)     0     0     0     0       Shigellosis     1     20     22     of these, infected abroad     0     11     20       Syphilis     0     30     27     7     7     7     13     137     126       Typhoid/paratyphoid fever     0     5     11     0     0     0       Of these, infected abroad     0     5     11     0     1     0       VTEC/HUS     1     56     40     0     19     10	Streptococcus pneumoniae	0	29	38
Unknown aethiology Under registration     0     3     9       Rabies     0     0     0       Rubella (congenital)     0     0     0       Rubella (during pregnancy)     0     0     0       Shigellosis     1     20     22       of these, infected abroad     0     11     20       Syphilis     0     30     27       Tetanus     0     0     0       Tuberculosis     13     137     126       Typhoid/paratyphoid fever     0     5     11       of these, infected abroad     0     5     11       Typhus exanthematicus     0     1     0       VTEC/HUS     1     56     40       of these, infected abroad     0     19     10	Other aethiology	0	3	2
Under registration     3     41     -       Rabies     0     0     0     0       Rubella (congenital)     0     0     0     0       Rubella (during pregnancy)     0     0     0     0       Shigellosis     1     20     22     0     11     20       Syphilis     0     30     27     7     7     7     126     1     120       Syphilis     0     0     0     0     0     0     0       Tuberculosis     13     137     126     1     126     1 <td>Unknown aethiology</td> <td>0</td> <td>3</td> <td>9</td>	Unknown aethiology	0	3	9
Rabies000Rubella (congenital)000Rubella (during pregnancy)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Under registration	3	41	-
Rubella (congenital)000Rubella (during pregnancy)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Rabies	0	0	0
Rubella (during pregnancy)000Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Rubella (congenital)	0	0	0
Shigellosis12022of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Rubella (during pregnancy)	0	0	0
of these, infected abroad01120Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Shigellosis	1	20	22
Syphilis03027Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	of these, infected abroad	0	11	20
Tetanus000Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Syphilis	0	30	27
Tuberculosis13137126Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Tetanus	0	0	0
Typhoid/paratyphoid fever0511of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Tuberculosis	13	137	126
of these, infected abroad0511Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	Typhoid/paratyphoid fever	0	5	11
Typhus exanthematicus010VTEC/HUS15640of these, infected abroad01910	of these, infected abroad	0	5	11
VTEC/HUS15640of these, infected abroad01910	Typhus exanthematicus	0	1	0
of these, infected abroad 0 19 10	VTEC/HUS	1	56	40
	of these, infected abroad	0	19	10

Cumulative number 2007 and in corresponding period 2006

## Selected laboratory diagnosed infections

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

Table 2	Week 18 2007	Cum. 2007 <sup>2)</sup>	Cum. 2006 <sup>2)</sup>
Bordetella pertussis			
(all ages)	1	47	93
Gonococci	3	111	152
of these, females	0	15	29
of these, males	3	96	123
Listeria monocytogenes	2	19	11
Mycoplasma pneumoniae			
Resp. specimens <sup>3)</sup>	2	223	209
Serum specimens <sup>4)</sup>	0	249	184
Streptococci <sup>5)</sup>			
Group A streptococci	3	55	70
Group B streptococci	0	31	36
Group C streptococci	0	7	7
Group G streptococci	0	43	44
S. pneumoniae	17	487	491
Table 3	Week 16 2007	Cum. 2007 <sup>2)</sup>	Cum. 2006 <sup>2)</sup>
Pathogenic int. bacteria <sup>6)</sup>			
Campylobacter	40	672	500
S. Enteritidis	13	96	88
S. Typhimurium	8	92	83
Other zoon. salmonella	23	167	137
Yersinia enterocolitica	7	88	49
Verocytotoxin-			
producing E. coli	2	59	37
Enteropathogenic E. coli	2	44	62
Enterotoxigenic E. coli	9	49	59

<sup>2)</sup> Cumulative number 2007 and in corresponding period 2006

<sup>3)</sup> Resp. specimens with positive PCR

<sup>4)</sup> Serum specimens with pos. complement fixation test

<sup>5)</sup> Isolated in blood or spinal fluid

<sup>6)</sup> See also www.germ.dk

## Sentinel surveillance of the influenza activity

Weekly percentage of consultations, 2005/2006/2007

