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CURRENT NOTES

Diagnosis of hepatitis C virus in Scotland: data to December 2006

41/2201 This *HPS Weekly Report* presents data, to December 2006, on laboratory reports of hepatitis C virus (HCV) diagnoses made in Scotland. During 2006, 1520 new cases of HCV antibody positivity were diagnosed. This figure compares with 1654 and 1616 for 2004 and 2005, respectively. The cumulative number of HCV diagnoses is now 22073, of whom 12% are known to have died.

An article published in the May 2006 edition of the *Scottish Medical Journal* also provides a review of the epidemiological data and public health challenges associated with HCV infection in Scotland (Hutchinson SJ, Roy KM, Wadd S, et al. *SMJ* 2006; 51: 8-13; available from <http://www.smj.org.uk/>).

Plasmodium vivax malaria in Brazil

41/2202 Whilst *P. vivax* is widely distributed in tropical South America, both TRAVAX and the Advisory Committee on Malaria Prevention have received reports of an increase in cases in the city of Sao Paulo. The city normally reports around 15-30 cases of malaria per year, however 67 cases have been reported in the last six months. The rise in cases is thought to be a result of increased habitation of a forested area in a range of hills known as Serra do Mar in the southern part of the city. Improvements in surveillance of malaria cases may also have contributed to the increased number.

The Malaria Reference Laboratory has also received a report of *P. vivax* in a UK traveller who spent 15 days in Brazil and visited Cachoeiras Do Macacu about 80-100 km northeast of Rio de Janeiro.

There has been no change to the advice regarding prophylaxis - anti-malarials are still only advised for the Amazon region of Brazil. Travellers are reminded that vivax malaria occasionally occurs in regions outside the Amazon Basin area of Brazil. They should take special care to avoid being bitten. They should also be aware of the signs of malaria, and should seek advice from a doctor immediately if they develop a feverish illness after visiting Brazil, even up to a year after travel.

For further travel health information and advice go to TRAVAX - <http://www.travax.nhs.uk/> (healthcare professionals only) or Fit for Travel - <http://www.fitfortravel.nhs.uk/> (information for the general public). [Source: *Health Protection Report*, 1 June 2007. <http://www.hpa.org.uk/hpr/archives/2007/news2007/news2207.htm>]

Extensively drug-resistant tuberculosis infected air passenger

41/2203 At a meeting chaired by the European Commission and held at the European Centre for Disease Control (ECDC) in Stockholm on 30 May, authorities responsible for taking measures in the EU Member States agreed to follow the ECDC's advice, requested by the Commission on 29 May, on the case of a US passenger with extensively drug-resistant tuberculosis (XDR- TB) travelling on flights between Europe and North America.

As a precautionary measure and following recommendations from the World Health Organization (WHO), the ECDC's advice is to perform contact tracing for passengers in the two rows ahead, the two rows behind and the row of the infected passenger, and the cabin crew concerned on these transatlantic flights. The ECDC's advice is that the risk for these persons is very limited, and that other passengers are not considered at risk. The relevant passengers will be contacted by their corresponding national health authorities, as member states are responsible for tracing their own nationals. The distribution of the relevant information from the airlines for this process will be coordinated by ECDC.

The two concerned flights are:

Air France # 385 departing Atlanta on May 12 and arriving in Paris on May 13, 2007

Czech Airlines # 0104 departing Prague, Czech Republic to Montreal, Canada on May 24, 2007

[Source: ECDC Press Release, 31 May 2007. http://www.ecdc.eu.int/Press/press_releases/070531_pr.html]

Acanthamoeba keratitis – contact lens solution recall

41/2204 A contact lens solution - Complete® MoisturePlus™ manufactured by Advanced Medical Optics (AMO) - is being recalled in the UK because of concerns that it could cause eye infections.

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The product was withdrawn from sale in the US on 25 May following a warning from the US Centres for Disease Control and Prevention (CDC).

US government officials linked the solution to *Acanthamoeba* keratitis (AK), a potentially serious eye infection. Advanced Medical Optics (AMO) has issued the recall in the UK as a 'precautionary measure'.

An account of the CDC investigation and its background can be accessed at <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm56d526a1.htm> while the UK recall notice is available on the Trading Standards Institute website at <http://www.tradingstandards.gov.uk/cgi-bin/newsitem.cgi?file=safe0849.txt&area=safe>.

European Chemicals Agency starts operations as REACH comes into force

41/2205 The new European chemicals legislation, REACH (Registration, Evaluation, Authorisation and restrictions of Chemicals) came into force on 1 June, and with it the new European Chemicals Agency (ECHA) started operations in Helsinki. The REACH regulation is intended to improve significantly protection of human health and the environment while encouraging innovation and keeping the EU's chemical industry competitive. The Agency, which is responsible for managing the implementation of the new requirements, will launch a website providing key information such as guidance documents, helpdesks and other tools relating to REACH. Starting on 1 June 2007, the Agency will have to work hard to become fully operational on 1 June 2008, when companies will begin on-line submission of pre-registrations and registration dossiers. The Agency's Interim Executive Director is Mr. Geert Dancet, who has been seconded by the Commission to head the team which will get the Agency started.

One of the Agency's first tasks is to make sufficient information available to companies - especially Small- and Medium-Sized enterprises (SMEs) - on how to comply with the new requirements. For this purpose the Agency is launching a multilingual website at <http://echa.europa.eu>. The website serves as a single access point for general information on chemicals, guidance documents and other tools on how to comply with the REACH legislation. From 1 June 2008 it will also provide an interface for on-line registration of substances.

Companies will also have access to a helpdesk through the site. The Agency helpdesk is connected to a network of national REACH helpdesks, many of which are already operational and actively disseminating information on the new Regulation through workshops, brochures and websites. [Source: Europa Press Release IP/07/745, 1 June 2007. <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/07/745>]

Health Protection 2007 conference

41/2206 The Health Protection Agency has announced the programme for its fifth annual conference, Health Protection 2007, which will be held at the University of Warwick from 17 to 19 September. Over a thousand health professionals and scientists from a variety of disciplines and across the UK are expected to attend.

The event is the leading UK health protection conference focusing on new scientific research and its application in practice. It will have a full line-up of experts from across the HPA, HPS and partner organisations.

The four-track programme highlights include a symposium on Healthcare Associated Infection, 'What works and what doesn't', organised with the Department of Health, Healthcare Commission, Hospital Infection Society and the Infection Control Nurses Association. Other highlights include symposia on antimicrobial resistance, as well as sexually transmitted infections and prison health, both organised with HPS and the Scottish Prison Service.

New topic areas will be introduced for 2007 including a symposium on international health, called 'Strategies for Sustainable Improvement'. Among the presentations will be ones from the World Health Organization, the Medical Research Council and the Department for International Development and others, who will discuss their strategies for international health preparedness as well as giving practical examples of global health interactions and projects from around the World.

Professor John Collinge, Professor of Neurology at University College London Hospital, will give the Turnberg Lecture on Monday 17 September. His lecture will be on 'Prion disease: challenges and solutions'.

Places at Health Protection 2007 are still available and can be booked at <http://www.healthprotectionconference.org.uk>.

Surveillance of known hepatitis C antibody positive cases in Scotland: results to 31 December 2006

Prepared by: Allan McLeod, Sharon Hutchinson, Glenn Codere and David Goldberg

Revised Data: This surveillance report features data that were created after the dissolution of Argyll & Clyde NHS Board on 1 April 2006. Data tables are presented on the basis of the old NHS boards (excluding Argyll and Clyde) together with the constituent components of Argyll and Clyde, which have been inherited by Greater Glasgow and Highland.

In Scotland

During 2006, 1520 new cases of hepatitis C antibody-positivity were diagnosed.

- This figure compares with 1654 and 1616 for 2004 and 2005, respectively.
- 35% (528) resided in the Greater Glasgow and Clyde NHS Board area.
- 69% (1047) are male and 30% (462) female; gender was not known in 11 cases.
- 50% (758) are known to have ever injected drugs, representing 86% of those with a known risk factor.
- At the time of diagnosis, 11% (174) were aged 15-24 years, 38% (581) were aged 25-34 years and 47% (713) were aged 35-59 years and 3% were aged over 60 years; age was not known in five cases.
- 51% (772) were diagnosed in the hospital setting (including infectious disease and gastroenterology units), while 24% (358) were diagnosed by general practitioners.
- Three previously undiagnosed cases associated with the receipt of blood factor* were reported during 2006; exposure outwith the United Kingdom was indicated in all three of these cases

A total of 22073 cases of hepatitis C antibody-positivity were diagnosed as at 31 December 2006.

- 67% (14864) are male and 32% (6973) female; gender was not known in 1% (236) of cases.
- 60% (13144) are known to have ever injected drugs, representing 89% of those with a known risk factor; 2% (357) of all cases were associated with the receipt of blood factor* and for the 6% (1253) who were placed in the 'Other' category, risk information such as 'blood transfusion', 'sexual intercourse' and "tattoo" were indicated.
- At the time of diagnosis, 19% (4120) were aged 15-24 years, 43% (9556) were aged 25-34 years, 33% (7238) were aged 35-59 years and 3% (720) were aged over 60 years; age was not known in 2% (339) of cases.
- Following the dissolution of the Argyll and Clyde NHS Board, 41% (9078) of cases now reside in the new Greater Glasgow and Clyde NHS Board area, 14% (3186) in Lothian, 12% (2560) in Grampian, 7% (1530) in Tayside, 6% (1413) in Lanarkshire, 4% (963) in Forth Valley and 3% (729) in the new Highland NHS Board.
- 42% (9234) were diagnosed in the hospital setting (including infectious disease and gastroenterology units), 21% (4616) by general practitioners, 5% (1133) in genito-urinary medicine clinics, and 6% (1343) in prisons.
- 79% (17399) have had a Polymerase Chain Reaction (PCR) test for hepatitis C and 80% (13884) of these have tested PCR positive (indicating chronic infection) in the past.
- 12% (2578) of cases were known to have died, as at 30 June 2006.
- Of the 19495 cases not known to have died, 4% (730) were aged 15-24 years, 32% (6196) were aged 25-34 years, 59% (11538) were aged 35-59 and 3% (662) were aged over 60 years as at 31 December 2006; age was not known in 2% (334) of cases.

As at 31 December 2006, approximately one in 260 of Scotland's population had been diagnosed hepatitis C antibody-positive. It is estimated that the number of undiagnosed hepatitis C antibody-positive cases in Scotland exceeds the number of diagnosed cases by a factor of about 1.5.

* *Persons who acquired their hepatitis C infection in Scotland through blood factor will have become infected prior to the time, in the mid 1980's, when heat treatment was introduced to eradicate bloodborne infection (see tables 2 and 5).*

Methods

For details of methods see *SCIEH Weekly Report* vol.33 no.99/29.

In collaboration with the Scottish National Blood Transfusion Service (SNBTS) records of hepatitis C antibody positive cases diagnosed through their screening programme have been added to the national surveillance database; as at the end of 2005, 305 cases have been diagnosed by SNBTS but had not otherwise been diagnosed and reported through another source.

Principal Investigators

The following are the principal investigators:

Dr Sheila Burns¹; Dr Sheila Cameron²; Mr Glenn Codere³; Dr Brian Dow⁸; Prof David Goldberg³; Dr Sharon Hutchinson³; Dr Paul McIntyre⁷; Mr Allan McLeod³; Dr Pamela Molyneux⁴; Dr Kirsty Roy³; and Ms Louise Shaw³.

Co-workers

We are very grateful to the following staff who have put an enormous amount of effort into collecting and collating the data:

Mr Keith Appleyard⁷; Ms Barbara Bednarek³; Mr Ian Collacot⁴; Ms Joan Findlay⁴; Ms Glynis Leadbetter¹; Ms Pamela Munro¹; Ms Liz McCann⁵; Ms Linda McDonald²; Ms Rosemary McHugh²; Ms Hannah Robertson⁶; Ms Dorothy Ross⁷; Ms Morag Taylor⁷; Dr Andrew Todd⁵; and Mr John Wallace⁷.

Support

The work is supported by the Scottish Executive Health Department.

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Table 1

Persons in Scotland reported to be hepatitis C antibody-positive; Number and rate/100000 population¹ by NHS board and year of earliest positive specimen to 31 December 2006

NHS board		Prior to 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
ARGYLL & CLYDE (Greater Glasgow) ²	Number	76	35	52	98	131	118	106	107	129	117	97	84	1150
	Rate/100,000		10.3	15.4	29.2	39.2	35.5	32.2	32.6	39.6	36.1	30.0	26.1	
ARGYLL & CLYDE (Highland) ²	Number	71	13	24	20	23	25	15	31	14	9	16	25	286
	Rate/100,000		14.2	26.2	21.8	25.1	27.5	16.4	34.1	15.3	9.9	17.4	27.4	
AYRSHIRE & ARRAN	Number	108	35	55	79	116	140	100	133	150	122	105	133	1276
	Rate/100,000		9.3	14.6	21.0	31.0	37.5	27.2	36.2	40.9	33.2	28.5	36.3	
BORDERS	Number	33	6	7	4	3	8	7	10	10	14	13	18	133
	Rate/100,000		5.7	6.6	3.8	2.8	7.5	6.5	9.3	9.2	12.8	11.8	16.3	
DUMFRIES & GALLOWAY	Number	48	11	19	26	36	56	83	52	50	54	65	51	551
	Rate/100,000		7.5	12.9	17.7	24.5	38.4	56.2	35.3	34.0	36.5	43.8	34.5	
FIFE	Number	66	43	39	50	72	44	55	41	23	64	59	44	600
	Rate/100,000		12.3	11.2	14.3	20.6	12.6	15.7	11.7	6.5	18.1	16.5	12.3	
FORTH VALLEY	Number	116	43	66	88	82	95	79	75	72	82	71	94	963
	Rate/100,000		15.7	23.9	31.9	29.5	34.2	28.3	26.8	25.7	29.1	25.0	32.9	
GRAMPIAN	Number	266	166	167	225	291	260	242	209	203	167	179	185	2560
	Rate/100,000		31.3	31.6	42.8	55.4	49.7	46.0	39.9	38.8	31.9	34.1	34.9	
GREATER GLASGOW	Number	1177	396	641	885	760	683	627	680	600	537	498	444	7928
	Rate/100,000		43.5	70.8	97.1	83.9	75.5	72.2	78.5	69.3	61.9	57.5	51.1	
HIGHLAND	Number	60	22	51	29	41	28	41	37	45	25	26	38	443
	Rate/100,000		10.5	24.4	13.9	19.7	13.4	19.6	17.8	21.5	11.8	12.2	17.6	
LANARKSHIRE	Number	155	75	76	140	101	124	91	143	126	127	154	101	1413
	Rate/100,000		13.4	13.5	25.0	18.0	22.1	16.4	25.9	22.8	22.8	27.6	18.1	
LOTHIAN	Number	1001	271	213	205	202	173	150	166	145	236	228	196	3186
	Rate/100,000		35.3	27.6	26.5	25.9	22.1	19.3	21.3	18.6	30.0	28.7	24.5	
ORKNEY	Number	3	2	1	3	0	0	2	2	0	1	1	0	15
	Rate/100,000		10.1	5.0	15.3	0.0	0.0	10.4	10.4	0.0	5.1	5.1	0.0	
SHETLAND	Number	7	2	2	3	1	2	3	3	2	2	2	3	32
	Rate/100,000		8.7	8.7	13.1	4.4	8.9	13.7	13.7	9.1	9.1	9.1	13.7	
TAYSIDE	Number	366	102	118	129	105	127	91	106	83	97	102	104	1530
	Rate/100,000		25.9	30.1	33.1	27.0	32.9	23.4	27.4	21.5	25.0	26.2	26.6	
WESTERN ISLES	Number	3	1	1	0	0	0	0	2	0	0	0	0	7
	Rate/100,000		3.5	3.5	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	
Total	Number	3556	1223	1532	1984	1964	1883	1692	1797	1652	1654	1616	1520	22073
	Rate/100,000		23.8	29.9	38.8	38.4	36.8	33.4	38.0	34.9	34.8	31.7	29.7	

¹ Based on population at 30 June of indicated year

² Population estimates for Argyll & Clyde (Highland) NHS Board area were based on those for the Argyll & Bute Council Area; while, these estimates were subtracted from those for the whole Argyll & Clyde NHS Board area to derive population estimates for the Argyll & Clyde (Greater Glasgow) NHS Board area.

Table 2

Persons in Scotland reported to be hepatitis C antibody-positive by NHS board, risk group, and year of earliest positive specimen; to 31 December 2006

NHS board	Risk group	Prior to 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
ARGYLL & CLYDE (Greater Glasgow)	IDU	23	17	26	78	96	83	69	44	68	57	37	39	637
	Blood factor	11	1	0	0	0	1	0	0	0	0	0	0	13
	Other	3	1	5	1	6	4	3	3	4	6	3	5	44
	Not known	39	16	21	19	29	30	34	60	57	54	57	40	456
	Total	76	35	52	98	131	118	106	107	129	117	97	84	1150
ARGYLL & CLYDE (Highland)	IDU	15	8	10	12	12	14	12	20	9	5	10	12	139
	Blood factor	15	0	0	0	0	1	0	0	0	0	0	0	16
	Other	11	0	2	0	0	3	0	3	1	0	2	4	26
	Not known	30	5	12	8	11	7	3	8	4	4	4	9	105
	Total	71	13	24	20	23	25	15	31	14	9	16	25	286
AYRSHIRE & ARRAN	IDU	31	8	16	37	51	79	47	55	63	56	47	34	524
	Blood factor	19	2	2	0	4	0	0	0	0	0	0	0	27
	Other	10	5	6	2	3	4	3	4	3	5	3	5	53
	Not known	48	20	31	40	58	57	50	74	84	61	55	94	672
	Total	108	35	55	79	116	140	100	133	150	122	105	133	1276
BORDERS	IDU	16	5	5	2	1	5	3	3	2	8	7	4	61
	Blood factor	2	0	0	0	0	0	0	0	0	0	0	0	2
	Other	3	0	0	0	0	1	1	1	0	0	0	1	7
	Not known	12	1	2	2	2	2	3	6	8	6	6	13	63
	Total	33	6	7	4	3	8	7	10	10	14	13	18	133
DUMFRIES & GALLOWAY	IDU	22	5	11	15	17	42	60	36	40	41	50	36	375
	Blood factor	4	0	0	1	0	0	0	0	0	0	0	0	5
	Other	6	1	2	4	2	1	0	0	0	1	3	1	21
	Not known	16	5	6	6	17	13	23	16	10	12	12	14	150
	Total	48	11	19	26	36	56	83	52	50	54	65	51	551
FIFE	IDU	30	0	26	35	49	30	32	21	9	23	24	19	326
	Blood factor	8	0	0	0	0	0	1	0	0	0	0	0	9
	Other	3	1	3	3	1	0	1	4	1	1	1	4	23
	Not known	25	14	10	12	22	14	21	16	13	40	34	21	242
	Total	66	43	39	50	72	44	55	41	23	64	59	44	600
FORTH VALLEY	IDU	41	17	26	38	44	54	36	38	31	20	30	32	407
	Blood factor	10	0	0	0	0	0	1	0	0	0	0	0	11
	Other	7	3	4	3	3	7	2	4	1	0	2	6	42
	Not known	58	23	36	47	35	34	40	33	40	62	39	56	503
	Total	116	43	66	88	82	95	79	75	72	82	71	94	963
GRAMPIAN	IDU	156	126	124	180	207	184	196	163	141	112	111	110	1810
	Blood factor	21	1	1	1	0	1	0	0	0	0	0	0	25
	Other	20	6	7	6	8	4	8	9	10	1	7	4	90
	Not known	69	33	35	38	76	71	38	37	52	54	61	71	635
	Total	266	166	167	225	291	260	242	209	203	167	179	185	2560
GREATER GLASGOW	IDU	509	248	358	562	590	535	464	507	431	356	315	274	5149
	Blood factor	77	2	4	1	1	3	1	3	0	1	1	0	94
	Other	84	16	40	27	38	32	27	38	39	37	52	59	489
	Not known	507	130	239	295	131	113	135	132	130	143	130	111	2196
	Total	1177	396	641	885	760	683	627	680	600	537	498	444	7928
HIGHLAND	IDU	7	8	23	7	24	16	21	23	19	8	15	16	187
	Blood factor	6	1	1	0	0	1	1	0	0	0	0	0	10
	Other	14	2	3	4	1	2	3	2	3	1	3	0	38
	Not known	33	11	24	18	16	9	16	12	23	16	8	22	208
	Total	60	22	51	29	41	28	41	37	45	25	26	38	443
LANARKSHIRE	IDU	42	41	40	78	49	75	47	74	79	79	81	41	726
	Blood factor	22	3	0	0	0	0	0	0	0	0	0	0	25
	Other	14	6	3	4	3	0	1	4	7	7	9	11	69
	Not known	77	25	33	58	49	49	43	65	40	41	64	49	593
	Total	155	75	76	140	101	124	91	143	126	127	154	101	1413
LOTHIAN	IDU	617	172	137	123	124	118	99	102	79	126	125	101	1923
	Blood factor	71	3	0	1	1	1	0	1	0	0	1	3	82
	Other	66	16	20	17	10	13	15	10	12	19	17	15	230
	Not known	247	80	56	64	67	41	36	53	54	91	85	77	951
	Total	1001	271	213	205	202	173	150	166	145	236	228	196	3186
ORKNEY	IDU	0	0	1	2	0	0	2	2	0	1	1	0	9
	Blood factor	1	1	0	0	0	0	0	0	0	0	0	0	2
	Other	0	1	0	1	0	0	0	0	0	0	0	0	2
	Not known	2	0	0	0	0	0	0	0	0	0	0	0	2
	Total	3	2	1	3	0	0	2	2	0	1	1	0	15
SHETLAND	IDU	2	0	1	2	1	2	3	2	1	1	1	1	17
	Blood factor	2	0	0	0	0	0	0	0	0	0	0	0	2
	Other	1	0	1	0	0	0	0	1	0	0	0	0	3
	Not known	2	2	0	1	0	0	0	0	1	1	1	2	10
	Total	7	2	2	3	1	2	3	3	2	2	2	3	32
TAYSIDE	IDU	221	72	91	72	71	72	48	53	37	32	45	39	853
	Blood factor	25	1	1	2	0	3	0	0	0	0	0	0	32
	Other	25	15	5	11	10	11	5	10	12	5	2	6	117
	Not known	95	14	21	44	24	41	38	43	34	60	55	59	528
	Total	366	102	118	129	105	127	91	106	83	97	102	104	1530
WESTERN ISLES	IDU	0	1	0	0	0	0	0	0	0	0	0	0	1
	Blood factor	2	0	0	0	0	0	0	0	0	0	0	0	2
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0
	Not known	1	0	1	0	0	0	0	2	0	0	0	0	4
	Total	3	1	1	0	0	0	0	2	0	0	0	0	7
SCOTLAND	IDU	1732	756	895	1243	1336	1309	1139	1143	1009	925	899	758	13144
	Blood factor	246	15	9	6	6	11	4	4	0	1	2	3	357
	Other	267	73	101	83	85	82	69	93	93	83	104	121	1254
	Not known	1261	379	527	652	537	481	480	557	550	645	611	638	7318
	Total	3566	1223	1532	1984	1964	1883	1692	1797	1652	1654	1616	1520	22073

Notes: Earliest positive specimens with specimen dates prior to 1991 were identified through retrospective testing of stored sera

"NHS board" refers to the persons NHS board of residence, or where this is not known, the NHS board of source of referral

"Other" includes sexual contact, tattoo/body piercing, needlestick, bite, blood spillage, blood transfusion, or perinatal risk

Persons who acquired their hepatitis C infection in Scotland through blood factor will have become infected prior to the time, in the mid 1980's, when heat treatment was introduced to eradicate blood borne infection

Table 3

Persons in Scotland reported to be hepatitis C antibody-positive by NHS board, age group at time of earliest positive specimen, and year of earliest positive specimen; to 31 December 2006

NHS board	Age group at diagnosis	Prior to 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
ARGYLL & CLYDE (Greater Glasgow)	Under 15	0	0	0	0	0	1	0	1	1	1	0	2	6
	15-24	9	7	13	36	52	44	27	21	42	25	25	13	314
	25-34	41	19	21	38	54	50	49	52	57	62	39	40	522
	35-59	18	7	14	21	20	21	26	31	24	28	31	27	268
	60+	4	1	4	4	4	1	4	2	4	1	1	2	31
	NK	2	0	0	2	2	1	0	0	0	1	0	1	0
Total	76	35	52	98	131	118	106	107	129	117	97	84	84	1150
ARGYLL & CLYDE (Highland)	Under 15	0	0	0	0	0	0	0	0	0	0	1	0	2
	15-24	15	2	3	2	6	6	3	6	0	2	3	0	52
	25-34	20	6	10	9	8	10	5	19	7	4	8	3	116
	35-59	32	6	10	9	7	8	6	5	6	3	4	11	106
	60+	4	0	1	0	0	0	0	0	0	0	0	1	8
	NK	0	0	0	0	0	1	1	0	0	0	0	0	0
Total	71	13	24	20	23	25	15	31	14	9	16	25	286	
AYRSHIRE & ARRAN	Under 15	2	0	0	0	0	0	0	0	1	1	0	0	4
	15-24	17	4	5	20	27	34	22	37	50	23	17	15	271
	25-34	47	10	24	27	50	71	51	56	60	51	42	67	556
	35-59	29	16	22	27	29	32	23	40	33	44	41	46	382
	60+	7	3	4	3	4	0	1	4	0	3	5	4	38
	NK	6	2	0	2	6	3	3	0	2	0	0	0	1
Total	108	35	55	79	116	140	100	133	150	122	105	133	133	1276
BORDERS	Under 15	0	0	0	0	0	0	0	0	0	0	0	0	0
	15-24	8	0	1	0	0	2	1	0	2	3	0	1	18
	25-34	8	2	3	2	1	2	1	3	1	5	7	7	42
	35-59	11	4	3	2	1	4	5	7	7	6	6	10	66
	60+	3	0	0	0	1	0	0	0	0	0	0	0	4
	NK	3	3	0	0	0	0	0	0	0	0	0	0	0
Total	33	6	7	4	3	8	7	10	10	14	13	18	18	133
DUMFRIES & GALLOWAY	Under 15	2	0	0	0	0	0	0	0	0	0	0	0	2
	15-24	7	1	4	6	12	24	22	19	17	14	23	9	158
	25-34	14	5	5	7	9	15	29	17	24	25	26	30	206
	35-59	20	5	9	6	5	10	20	11	6	14	14	12	132
	60+	5	0	1	2	3	0	2	2	3	1	2	0	21
	NK	0	0	0	5	7	7	0	3	0	0	0	0	0
Total	48	11	19	26	36	56	83	52	50	54	65	51	51	551
FIFE	Under 15	1	0	0	0	0	0	0	0	0	0	0	0	1
	15-24	14	10	12	23	19	9	16	10	4	15	15	9	156
	25-34	23	19	17	16	25	24	11	14	8	16	26	20	219
	35-59	25	10	9	8	22	10	27	15	10	30	18	14	198
	60+	3	4	1	3	5	1	1	2	1	3	0	1	24
	NK	0	0	0	0	1	0	0	0	0	0	0	0	1
Total	66	43	39	50	72	44	55	41	23	64	59	44	600	
FORTH VALLEY	Under 15	2	0	0	0	0	0	0	0	0	0	0	0	2
	15-24	21	5	15	20	30	37	27	23	19	15	18	12	242
	25-34	48	25	25	38	33	30	23	27	20	37	23	39	368
	35-59	37	13	20	28	14	22	23	23	28	28	29	37	302
	60+	5	0	6	2	3	2	4	1	2	2	1	4	32
	NK	3	0	0	0	2	4	2	1	3	0	0	0	2
Total	116	43	66	88	82	95	79	75	72	82	71	94	94	963
GRAMPIAN	Under 15	3	0	0	2	1	0	2	0	0	1	1	0	10
	15-24	56	77	57	91	110	105	70	65	62	37	51	34	815
	25-34	115	54	66	87	118	88	97	81	80	68	71	81	1006
	35-59	77	33	40	43	54	64	69	55	58	56	53	66	668
	60+	7	2	1	1	6	3	2	5	3	4	3	4	41
	NK	8	0	3	1	2	0	2	3	0	1	0	0	0
Total	266	166	167	225	291	260	242	209	203	203	167	179	185	2560
GREATER GLASGOW	Under 15	17	3	4	2	1	0	2	0	1	4	2	1	37
	15-24	201	51	109	167	149	118	97	99	97	57	42	30	1217
	25-34	578	254	362	497	395	357	302	299	236	209	195	151	3835
	35-59	291	72	152	173	177	190	197	236	242	250	239	247	2466
	60+	54	13	7	20	8	4	17	21	22	7	16	14	211
	NK	36	3	7	26	30	14	12	25	2	1	5	1	162
Total	1177	396	641	885	760	683	627	680	600	537	498	444	444	7928
HIGHLAND	Under 15	1	0	1	0	0	0	0	0	0	0	0	0	2
	15-24	6	2	8	2	6	5	9	3	1	3	2	3	50
	25-34	20	9	23	11	16	11	17	19	23	3	7	10	169
	35-59	20	10	16	15	16	11	13	13	18	18	15	25	190
	60+	11	0	3	1	2	1	2	1	3	0	2	0	26
	NK	2	1	0	0	1	0	0	1	0	1	0	0	0
Total	60	22	51	29	41	28	41	37	45	25	26	38	443	
LANARKSHIRE	Under 15	1	1	0	1	0	0	0	0	0	0	0	0	5
	15-24	20	9	7	31	17	23	27	25	19	16	11	11	232
	25-34	57	39	43	63	47	62	42	60	50	63	76	35	637
	35-59	64	24	22	39	29	33	19	47	46	44	55	50	472
	60+	10	2	4	3	4	3	3	5	5	1	6	3	49
	NK	3	0	0	3	4	3	0	4	0	0	1	0	0
Total	155	75	76	140	101	124	91	143	126	127	154	101	1413	
LOTHIAN	Under 15	12	0	1	1	1	1	0	0	1	0	0	0	17
	15-24	113	16	19	23	26	14	19	16	18	24	30	24	342
	25-34	470	122	88	68	80	63	43	57	42	78	63	60	1234
	35-59	326	114	94	104	81	84	78	89	79	125	130	106	1410
	60+	62	18	10	9	10	10	8	4	5	9	5	6	156
	NK	18	1	1	0	4	1	2	0	0	0	0	0	0
Total	1001	271	213	205	202	173	150	166	145	236	228	196	3186	
ORKNEY	Under 15	0	0	0	0	0	0	0	0	0	0	0	0	0
	15-24	0	0	0	2	0	0	0	0	0	0	0	0	2
	25-34	1	1	0	0	0	0	1	0	0	0	0	0	3
	35-59	2	0	1	1	0	0	1	2	0	1	1	0	9
	60+	0	1	0	0	0	0	0	0	0	0	0	0	1
	NK	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	2	1	3	0	0	2	2	0	1	1	0	15	
SHETLAND	Under 15	0	1	0	0	0	0	0	0	0	0	0	0	1
	15-24	0	0	0	1	0	0	2	0	0	0	0	1	4
	25-34	2	0	0	1	1	2	0	2	2	1	1	0	12
	35-59	4	0	2	1	0	0	1	1	0	1	1	2	13
	60+	1	1	0	0	0	0	0	0	0	0	0	0	2
	NK	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7	2	2	3	1	2	3	3	2	2	2	3	32	
TAYSIDE	Under 15	4	2	0	0	1	3	0	0	0	0	0	0	10
	15-24	77	10	21	16	25	18	12	17	9	17	16	9	247
	25-34	183	56	64	57	39	50	31	36	25	23	33	31	628
	35-59	80	30	30	42	35	48	43	44	46	52	43	60	553
	60+	15	4	3	10	5	7	5	7	3	4	9	4	76
	NK	7	0	0	4	0	1	0	2	0	1	1	0	16
Total	366	102	118	129	105	127	91	106	83	97	102	104	1530	
WESTERN ISLES	Under 15	1	0	0	0	0	0	0	0	0	0	0	0	1
	15-24	0	0	0	0	0	0	0	0	0	0	0	0	0
	25-34	1	0	1	0	0	0	0	1	0	0	0	0	3
	35-59	1	1	0	0	0	0	0	1	0	0	0	0	3
	60+	0	0	0	0	0	0	0	0	0	0	0	0	0
	NK	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	1	1	0	0	0	0	2	0	0	0	0	7	
SCOTLAND	Under 15	46	7	6	6	5	5	4	1	4	7	4	5	100
	15-24	564	194	274	440	479	439	354	343	347	254	258	174	4120
	25-34	1628	621	752	921	876	835	702	743	635	645	617	581	9556
	35-59	1037	344	444	519	490	537	551	620	603	700	680	713	7238
	60+	193	50	45	55	55	32	49	51	55	44	49	42	720
	NK	88	7	11	43	59</								

Table 4

Persons in Scotland reported to be hepatitis C antibody-positive by NHS board, source of referral, and year of earliest positive specimen; to 31 December 2006

NHS board	Source of referral	Prior to 1996	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
ARGYLL & CLYDE (Greater Glasgow)	GP	1	2	5	16	23	22	16	16	10	3	0	0	114
	GUM Clinic	2	2	2	10	12	3	7	9	9	15	12	5	88
	Hospital Patients	43	21	23	49	52	56	59	59	69	69	67	71	638
	Prison	0	1	4	9	27	10	11	6	11	6	3	0	88
	Other/Not Known	30	9	18	14	17	27	13	17	30	24	15	8	222
Total	76	35	52	98	131	118	106	107	129	117	97	84	1150	
ARGYLL & CLYDE (Highland)	GP	4	4	6	5	8	10	8	7	3	2	0	0	57
	GUM Clinic	1	0	1	0	1	1	0	2	0	0	2	1	9
	Hospital Patients	23	4	12	11	8	9	5	20	7	6	11	22	138
	Prison	3	0	1	0	0	1	0	0	0	0	1	0	6
	Other/Not Known	40	5	4	4	6	4	2	2	4	1	2	2	76
Total	71	13	24	20	23	25	15	31	14	9	16	25	286	
AYRSHIRE & ARRAN	GP	4	2	9	15	25	39	33	30	14	4	0	0	175
	GUM Clinic	3	1	2	7	7	2	3	4	9	2	5	1	46
	Hospital Patients	56	23	28	48	46	54	29	66	81	93	84	107	715
	Prison	0	1	1	1	33	41	31	17	22	6	8	2	163
	Other/Not Known	45	8	15	8	5	4	4	16	24	17	8	23	177
Total	108	35	55	79	116	140	100	133	150	122	105	133	1276	
BORDERS	GP	13	4	2	3	1	4	3	3	2	0	1	0	36
	GUM Clinic	0	0	0	0	0	0	2	0	0	0	0	0	2
	Hospital Patients	13	1	0	0	1	2	1	2	2	1	1	1	25
	Prison	0	0	0	0	0	0	0	0	0	1	0	0	1
	Other/Not Known	7	1	5	1	1	2	1	5	6	12	11	17	69
Total	33	6	7	4	3	8	7	10	10	14	13	18	133	
DUMFRIES & GALLOWAY	GP	0	0	0	0	0	0	0	0	1	0	0	0	1
	GUM Clinic	0	0	0	0	0	0	0	0	0	0	0	1	1
	Hospital Patients	38	9	12	24	33	55	81	49	49	54	65	50	519
	Prison	1	1	0	1	2	1	1	2	0	0	0	0	9
	Other/Not Known	9	1	7	1	1	0	1	1	0	0	0	0	21
Total	48	11	19	26	36	56	83	52	50	54	65	51	551	
FIFE	GP	10	18	16	24	33	21	21	11	1	2	7	1	165
	GUM Clinic	1	2	1	2	7	3	1	3	2	1	4	4	31
	Hospital Patients	11	13	14	16	14	13	18	10	6	9	14	15	153
	Prison	4	5	3	4	6	3	1	0	0	0	0	0	26
	Other/Not Known	40	5	5	4	12	4	14	17	14	52	34	24	225
Total	66	43	39	50	72	44	55	41	23	64	59	44	600	
FORTH VALLEY	GP	2	0	0	1	0	2	2	0	0	0	0	0	7
	GUM Clinic	4	1	0	3	0	2	7	5	5	4	5	4	40
	Hospital Patients	67	27	34	65	72	83	66	64	66	71	63	88	766
	Prison	7	7	12	15	8	6	1	1	0	1	1	0	59
	Other/Not Known	36	8	20	4	2	2	3	5	1	6	2	2	91
Total	116	43	66	88	82	95	79	75	72	82	71	94	963	
GRAMPIAN	GP	44	44	34	67	101	56	75	80	52	45	40	49	687
	GUM Clinic	17	8	7	43	35	30	25	20	24	21	17	17	264
	Hospital Patients	91	24	11	82	111	145	123	98	114	90	114	109	1112
	Prison	9	23	14	16	31	20	17	9	9	6	6	9	169
	Other/Not Known	105	67	101	17	13	9	2	2	4	5	2	1	328
Total	266	166	167	225	291	260	242	209	203	167	179	185	2560	
GREATER GLASGOW	GP	119	62	111	161	165	165	171	229	229	191	191	186	1980
	GUM Clinic	38	29	42	54	37	25	24	17	28	22	31	31	378
	Hospital Patients	568	179	297	398	267	239	215	234	222	215	202	171	3207
	Prison	30	31	51	113	114	73	39	41	24	9	12	8	545
	Other/Not Known	422	95	140	159	177	181	178	159	97	100	62	48	1818
Total	1177	396	641	885	760	683	627	680	600	537	498	444	7928	
HIGHLAND	GP	2	0	0	0	0	0	0	0	0	0	0	0	2
	GUM Clinic	0	0	1	1	0	0	0	1	0	0	0	0	3
	Hospital Patients	33	19	36	27	38	25	40	35	40	22	26	38	379
	Prison	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other/Not Known	25	3	14	1	3	3	1	1	5	3	0	0	59
Total	60	22	51	29	41	28	41	37	45	25	26	38	443	
LANARKSHIRE	GP	2	5	4	10	12	15	15	24	6	1	0	1	95
	GUM Clinic	3	1	1	0	4	3	4	0	1	3	4	2	26
	Hospital Patients	70	45	39	104	42	52	31	36	45	46	67	55	632
	Prison	4	5	4	8	11	16	3	13	7	9	10	5	95
	Other/Not Known	76	19	28	18	32	38	38	70	67	68	73	38	565
Total	155	75	76	140	101	124	91	143	126	127	154	101	1413	
LOTHIAN	GP	177	71	57	69	91	51	48	75	70	131	124	117	1081
	GUM Clinic	2	0	17	22	18	26	15	16	6	17	22	16	177
	Hospital Patients	130	38	40	54	42	58	50	48	47	64	61	40	672
	Prison	8	15	9	6	13	9	7	8	4	7	0	0	86
	Other/Not Known	684	147	90	54	38	29	30	19	18	17	21	23	1170
Total	1001	271	213	205	202	173	150	166	145	236	228	196	3186	
ORKNEY	GP	1	0	0	1	0	0	1	0	0	1	1	0	5
	GUM Clinic	0	0	0	0	0	0	0	1	0	0	0	0	1
	Hospital Patients	1	1	0	2	0	0	1	1	0	0	0	0	6
	Prison	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other/Not Known	1	1	1	0	0	0	0	0	0	0	0	0	3
Total	3	2	1	3	0	0	2	2	0	1	1	0	15	
SHETLAND	GP	3	1	2	3	1	2	2	2	2	2	2	2	24
	GUM Clinic	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hospital Patients	3	0	0	0	0	0	1	1	0	0	0	1	6
	Prison	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other/Not Known	1	1	0	0	0	0	0	0	0	0	0	0	2
Total	7	2	2	3	1	2	3	3	2	2	2	3	32	
TAYSIDE	GP	72	20	27	12	1	34	14	1	0	4	0	2	187
	GUM Clinic	32	4	9	5	0	9	6	0	1	1	0	0	67
	Hospital Patients	130	23	24	30	3	26	13	5	0	2	5	4	265
	Prison	18	11	24	9	4	15	8	1	0	3	1	2	96
	Other/Not Known	114	44	34	73	97	43	50	99	82	87	96	96	915
Total	366	102	118	129	105	127	91	106	83	97	102	104	1530	
WESTERN ISLES	GP	0	0	0	0	0	0	0	0	0	0	0	0	0
	GUM Clinic	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hospital Patients	1	0	0	0	0	0	0	0	0	0	0	0	1
	Prison	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other/Not Known	2	1	1	0	0	0	0	2	0	0	0	0	6
Total	3	1	1	0	0	0	0	2	0	0	0	0	7	
SCOTLAND	GP	454	233	273	387	461	421	409	478	390	386	366	358	4616
	GUM Clinic	103	48	83	147	121	104	94	78	85	86	102	82	1133
	Hospital Patients	1278	427	570	910	729	817	733	728	748	742	780	772	9234
	Prison	84	100	123	182	249	195	119	98	77	48	42	26	1343
	Other/Not Known	1637	415	483	358	404	346	337	415	352	392	326	282	5747
Total	3556	1223	1532	1984	1964	1883	1692	1797	1652	1654	1616	1520	22073	

Table 5

Persons in Scotland reported to be hepatitis C antibody-positive and not known to be dead by NHS board, current age group and risk group; to 31 December 2006

NHS board	Current age group	IDU	Blood factor	Other	Not known	Total	NHS board	Current age group	IDU	Blood factor	Other	Not known	Total
Argyll & Clyde (Greater Glasgow)	Under 15	0	0	6	0	6	Greater Glasgow	Under 15	0	0	11	1	12
	15-24	30	0	0	31	61		15-24	96	5	22	20	143
	25-34	317	0	10	169	496		25-34	1529	15	79	320	1943
	35-59	241	11	22	172	446		35-59	2841	48	302	1282	4473
	60+	2	0	3	17	22		60+	9	9	29	138	185
	NK	5	0	0	4	9		NK	79	0	4	76	159
	Total	595	11	41	393	1040		Total	4554	77	447	1837	6915
Argyll & Clyde (Highland)	Under 15	0	0	1	0	1	Highland	Under 15	0	0	0	0	0
	15-24	4	0	2	1	7		15-24	6	0	3	2	11
	25-34	59	1	4	17	81		25-34	57	1	6	36	100
	35-59	54	9	14	67	144		35-59	108	7	18	139	272
	60+	0	3	2	11	16		60+	0	1	8	21	30
	NK	2	0	0	0	2		NK	4	1	0	1	6
	Total	119	13	23	96	251		Total	175	10	35	199	419
Ayrshire & Arran	Under 15	0	0	1	0	1	Lanarkshire	Under 15	0	0	1	2	3
	15-24	33	2	2	26	63		15-24	29	0	3	11	43
	25-34	231	4	13	233	481		25-34	277	2	15	132	426
	35-59	215	9	30	327	581		35-59	348	16	40	313	717
	60+	1	6	6	19	32		60+	0	1	6	47	54
	NK	9	1	0	15	25		NK	5	0	0	13	18
	Total	489	22	52	620	1183		Total	659	19	65	518	1261
Borders	Under 15	0	0	0	0	0	Lothian	Under 15	1	0	2	0	3
	15-24	2	0	0	1	3		15-24	40	3	7	14	64
	25-34	17	0	0	11	28		25-34	316	17	28	106	467
	35-59	36	1	5	38	80		35-59	1231	36	141	562	1970
	60+	0	0	1	6	7		60+	13	8	19	85	125
	NK	0	0	0	3	3		NK	8	0	0	19	27
	Total	55	1	6	59	121		Total	1609	64	197	786	2656
Dumfries & Galloway	Under 15	0	0	0	0	0	Orkney	Under 15	0	0	0	0	0
	15-24	45	0	1	10	56		15-24	0	0	0	0	0
	25-34	192	1	4	42	239		25-34	1	0	1	0	2
	35-59	101	2	10	63	176		35-59	5	1	0	1	7
	60+	2	1	4	13	20		60+	2	0	0	0	2
	NK	25	0	0	7	32		NK	0	0	0	0	0
	Total	365	4	19	135	523		Total	8	1	1	1	11
Fife	Under 15	0	0	0	0	0	Shetland	Under 15	0	0	0	0	0
	15-24	18	0	1	11	30		15-24	0	0	0	0	0
	25-34	151	1	4	61	217		25-34	8	0	0	2	10
	35-59	130	3	17	116	266		35-59	8	1	3	4	16
	60+	1	0	0	27	28		60+	0	0	0	2	2
	NK	1	0	0	1	2		NK	0	0	0	0	0
	Total	301	4	22	216	543		Total	16	1	3	8	28
Forth Valley	Under 15	0	0	0	0	0	Tayside	Under 15	0	0	5	0	5
	15-24	35	0	1	19	55		15-24	24	1	2	11	38
	25-34	160	3	5	153	321		25-34	214	4	13	86	317
	35-59	175	4	28	256	463		35-59	468	21	76	297	862
	60+	0	1	3	19	23		60+	6	2	5	49	62
	NK	8	0	0	9	17		NK	5	1	0	8	14
	Total	378	8	37	456	879		Total	717	29	101	451	1298
Grampian	Under 15	1	0	3	0	4	Western Isles	Under 15	0	0	0	0	0
	15-24	122	0	5	28	155		15-24	0	1	0	0	1
	25-34	859	3	19	187	1068		25-34	0	0	0	0	0
	35-59	670	13	45	331	1059		35-59	1	1	0	4	6
	60+	7	5	6	36	54		60+	0	0	0	0	0
	NK	9	0	0	11	20		NK	0	0	0	0	0
	Total	1668	21	78	593	2360		Total	1	2	0	4	7
Current age group		IDU	Blood factor	Other	Not known	Total							
Scotland	Under 15		2	0	30	3	35						
	15-24		484	12	49	185	730						
	25-34		4388	52	201	1555	6196						
	35-59		6632	183	751	3972	11538						
	60+		43	37	92	490	662						
	NK		160	3	4	167	334						
	Total		11709	287	1127	6372	19495						

Note: "Other" includes sexual contact, tattoo/body piercing, needlestick, bite, blood spillage, blood transfusion, or perinatal risk

Persons who acquired their hepatitis C infection in Scotland through blood factor will have become infected prior to the time, in the mid 1980's, when heat treatment was introduced to eradicate blood borne infection

The last Hepatitis C Surveillance Report was in Issue [07/04](#)

Statutory Notification of Infectious Diseases Week ended 25 May 2007

A National Statistics release

Infectious Disease	Age Group																			
	All ages		Under 1		1 - 4		5 - 14		15 - 24		25 - 34		35 - 44		45 - 64		65 & over		Not known	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bacillary dysentery	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Chickenpox	230	225	15	17	125	125	59	45	6	14	7	7	8	9	3	2	-	-	7	6
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food poisoning	86	76	1	-	8	8	9	7	8	6	8	10	7	9	29	25	14	11	2	-
Legionellosis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	1	2	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	2	2	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps	39	36	-	2	-	-	2	1	32	20	3	6	2	4	-	3	-	-	-	-
Paratyphoid fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Relapsing fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	6	4	1	-	3	4	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Scarlet fever	1	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxoplasmosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis: resp.	4	2	-	-	-	-	-	-	1	1	-	-	1	-	2	1	-	-	-	-
Tuberculosis: non-resp.	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Typhoid fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral haemorrhagic fevers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis	8	4	-	-	-	-	-	-	1	-	3	1	3	2	1	1	-	-	-	-
Whooping cough	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
TOTAL	381	354	17	19	138	137	74	55	48	43	22	25	23	25	35	33	15	11	9	6

