



NATIONAL MICROBIOLOGY REFERENCE UNIT

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**Approved Extract from
TISSUE SERVICES
INFECTION SURVEILLANCE REPORT NO. 6**

1998 - 2007

DATA AS AT 11 AUGUST 2008

This report is a tabular summary of the data submitted to the SNBTS MRU Infection Surveillance system by 11 August 2008 about infections detected from 1 January 1998 until 31 December 2007.

Although every effort has been made to avoid errors, data sets are subject to change on receipt of additional information.

The tables and figures should mirror that of the SNBTS Blood Donor Infection Surveillance Report No 9 issued in July 2008.

Comments are invited to help develop a more informative report.

B C Dow
11 August 2008

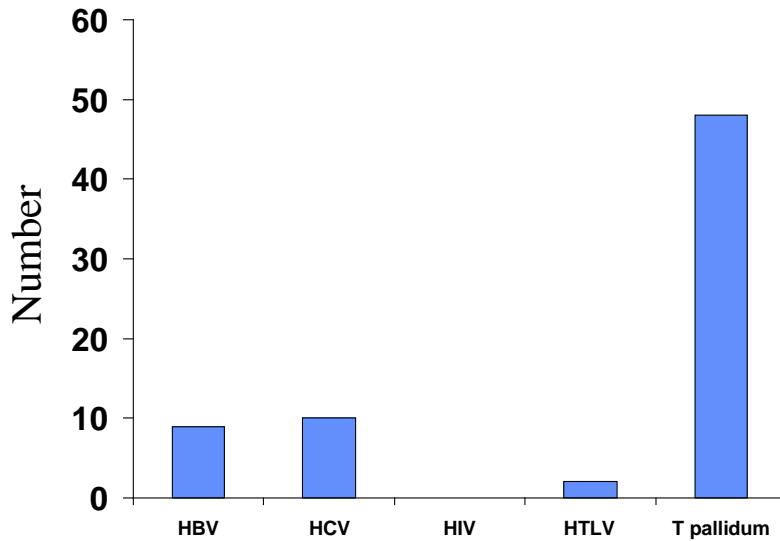
CONTENTS

Table/Figure	Description	Page
Table 1/Figure 1	Infections detected in Tissue donors and the completeness of reporting. Table 1 shows the number of infections detected by testing Tissue donations collected during 1998 to 2007. Figure 1 shows the number of these infections graphically.	4-5
Table 2	Exposure histories of infected Tissue donors are shown for each specificity for the cumulative period from 1998 to 2007. Some Tissue donors noted more than one possible route of acquisition of infection and therefore adding all exposure routes will exceed total figures.	6
Figure 2	HCV infected Tissue donations from 1998 to 2007.	7
Figure 3	HIV infected Tissue donations from 1998 to 2007.	7
Figure 4	HBsAg infected Tissue donations from 1998 to 2007.	8
Figure 5	Syphilis:Treponema antibody positive Tissue donations for the period 1998 to 2007. All were considered to have evidence of past (probably treated) treponema infection.	8
Figure 6	HTLV antibody positive Tissue donations for the period 2000 to 2007.	9
Table 3	Cumulative total of confirmed Tissues transfusion-transmission by the year of transmission.	9

Table 1: Infections detected in tissue donors: material collected during 1998 to 2007

Year	HBV	HCV	HIV	HTLV	T. pallidum
1998	0	1	0	-	1
1999	3	4	0	-	5
2000	1	3	0	1	8
2001	3	1	0	0	7
2002	0	1	0	1	8
2003	1	0	0	0	6
2004	1	1	0	0	7
2005	0	0	0	0	1
2006	0	0	0	0	4
2007	0	0	0	0	1
Total	9	11	0	2	48

Fig 1 Infections detected in Scottish Tissue donors: Donations collected from 1/1/98 to 31/12/07. All positive donations discarded.



HBV = Hepatitis B virus (“serum hepatitis”)

HCV = Hepatitis C virus

HIV = Human Immunodeficiency Virus

HTLV = Human T cell Lymphotropic Virus (associated with neurological complications and, very rarely, leukaemia)

TREP = Treponema Pallidum (Syphilis) test. The test detects past (treated) infection as well as (rare) current infection. There are also cross reactions with other bacteria.

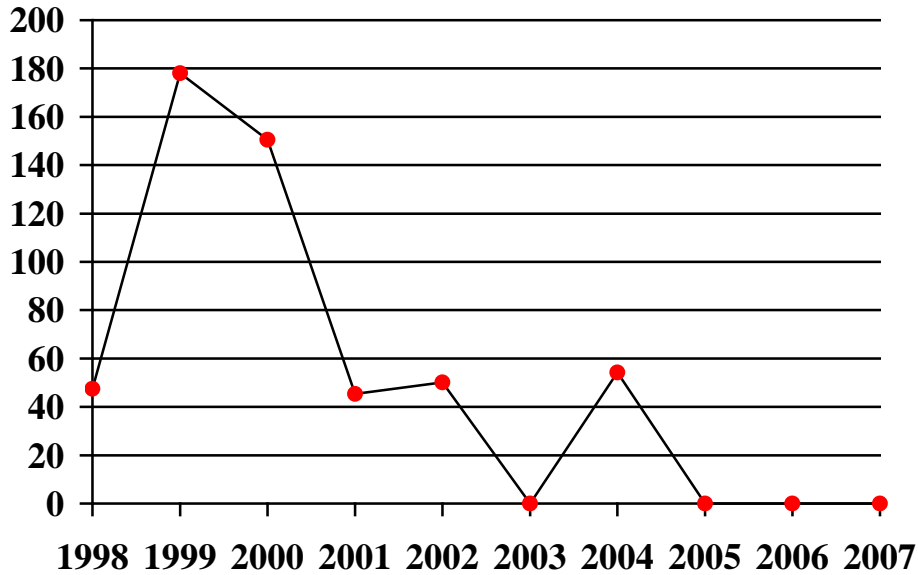
Table 2: Exposure categories for infected tissue donors - Donations collected 1998 - 2007

	HBV	HCV	HIV	HTLV	T. pallidum
Injecting drug use	0	0	0	0	0
Sex between men	0	0	0	0	0
Sex between men and women with:					
exposure to high risk partner(s)	1	0	0	0	0
exposure abroad	0	1	0	0	0
exposure in UK	0	1	0	0	1
incomplete information	0	0	0	0	0
Blood factor treatment	0	0	0	0	0
Blood/tissue/organ recipient	1	2	0	1	3
Occupational Exposure	1	1	0	0	0
Other known exposure	2	2	0	0	2
Unknown	4	1	0	2	18
?vaccine (unproven)	0	0	0	0	0
Total	7	7	0	2	24

Donors on counselling often admit to more than one risk group

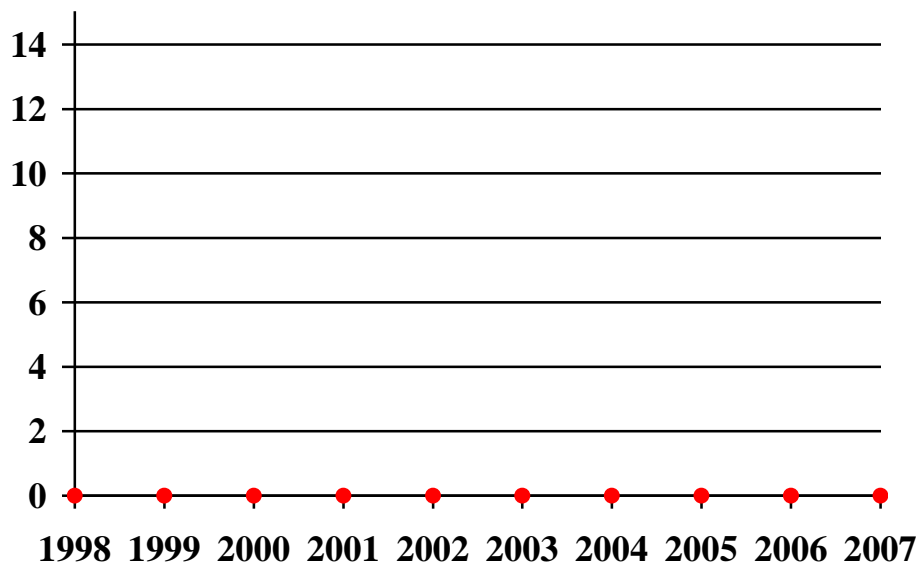
**Figure 2 HCV infected Tissue donations: Scotland
Donations collected between 1/1/98 and 31/12/07**

Rate per 100,000 donations

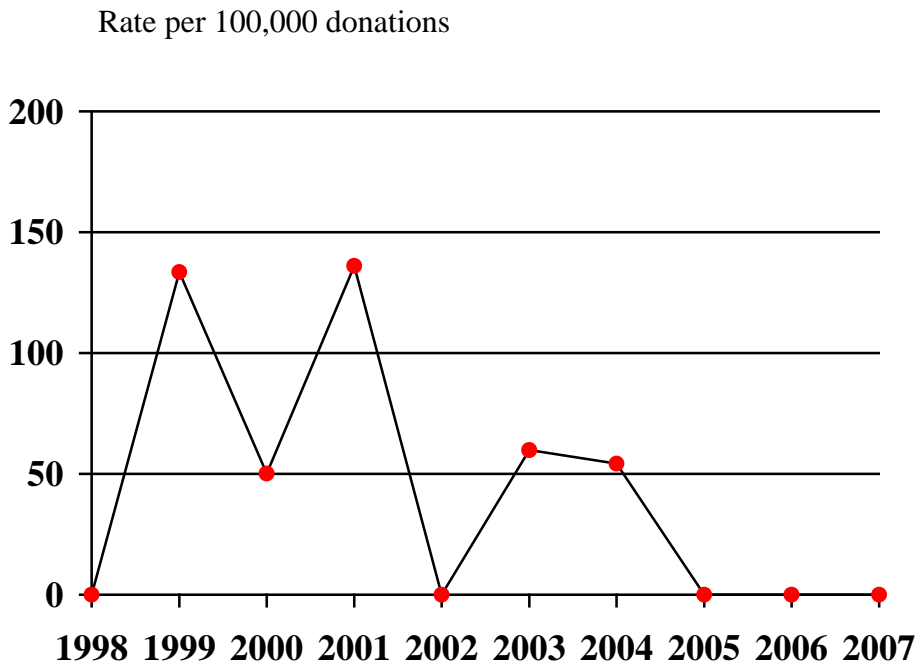


**Figure 3 HIV infected Tissue donations: Scotland
Donations collected between 1/1/98 and 31/12/07**

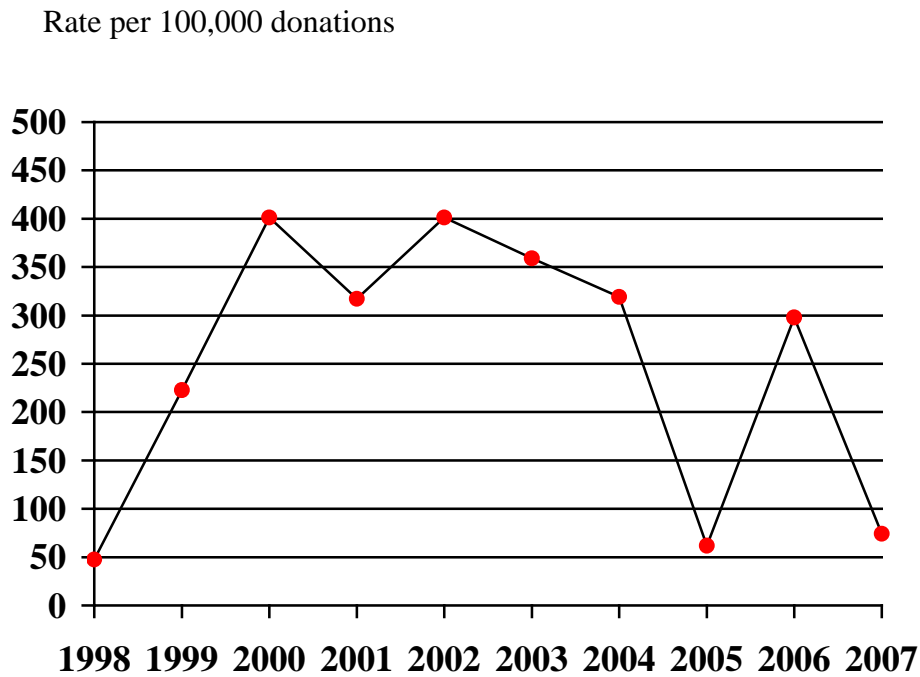
Rate per 100,000 donations



**Figure 4 HBV infected Tissue donations: Scotland
Donations collected between 1/1/98 and 31/12/07**

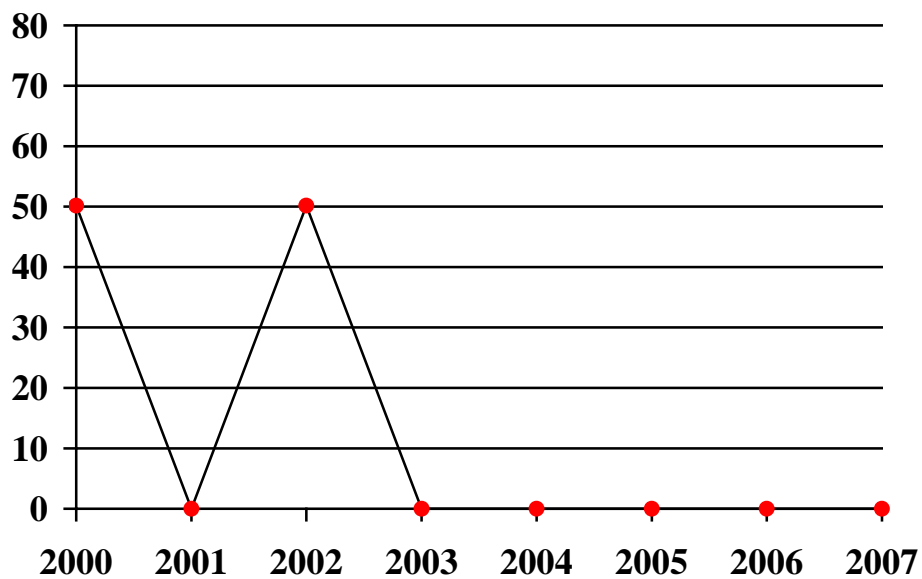


**Figure 5 Treponema antibody positive Tissue donations:
Scotland Donations collected between 1/1/98 and 31/12/07**



**Figure 6 HTLV antibody positive Tissue donations:
Scotland Donations collected between 1/1/00 and 31/12/07**

Rate per 100,000 donations



**TABLE 3: Cumulative total transfusion transmitted infection associated
with Tissues: reported from 1998 to 2007 by date of use**

NIL