

## Number of cases and incidence rates by sex: 2005-2009

### Rectum (C19-C21)

Sex	Number of cases	Average number of cases per year	Percentage of all cancers ex. NMSC	Crude rate per 100,000	European age-standardised incidence rate per 100,000 (95% CI)	World age-standardised incidence rate per 100,000 (95% CI)	Odds of developing the disease before age 75 = 1 in:
Male	1,159	232	5.8	26.9	25.7 (24.2,27.2)	17.5 (16.5,18.6)	46.7
Female	719	144	3.7	16.0	12.7 (11.7,13.7)	8.7 (8.0,9.4)	97.9
All persons	1,878	376	4.8	21.4	18.6 (17.8,19.5)	12.8 (12.2,13.4)	64.3

#### NOTES:

NMSC: Non-melanoma skin cancer

CI: Confidence interval

**Number of cases and incidence rates by sex and year of diagnosis  
Rectum (C19-C21)**

**Male**

Year of diagnosis	Number of cases	Percentage of all cancers ex. NMSC	Crude rate per 100,000 males	European age standardised incidence rate per 100,000 males (95% CI)	World age standardised incidence rate per 100,000 males (95% CI)
1993	184	5.9	23.1	25.8 (22.0,29.5)	17.7 (15.1,20.4)
1994	177	5.7	22.1	24.1 (20.5,27.7)	16.3 (13.8,18.8)
1995	175	5.7	21.8	23.8 (20.2,27.4)	16.0 (13.5,18.4)
1996	189	6.0	23.3	24.9 (21.3,28.5)	16.8 (14.3,19.3)
1997	157	5.2	19.3	20.8 (17.5,24.1)	13.9 (11.6,16.1)
1998	187	6.0	22.8	24.3 (20.8,27.8)	16.2 (13.8,18.6)
1999	158	5.2	19.3	20.1 (16.9,23.2)	13.5 (11.4,15.7)
2000	184	5.9	22.4	23.5 (20.1,27.0)	16.0 (13.6,18.3)
2001	214	6.5	26.0	26.7 (23.1,30.3)	18.1 (15.6,20.6)
2002	165	5.0	19.9	20.3 (17.1,23.4)	13.7 (11.5,15.8)
2003	246	7.1	29.5	29.7 (25.9,33.4)	20.2 (17.6,22.8)
2004	214	6.0	25.6	25.4 (22.0,28.9)	17.6 (15.1,20.0)
2005	217	6.0	25.7	25.3 (21.9,28.7)	17.4 (15.0,19.8)
2006	214	5.7	25.1	24.4 (21.1,27.7)	16.7 (14.4,19.0)
2007	252	6.2	29.2	27.9 (24.4,31.4)	19.3 (16.9,21.8)
2008	238	5.7	27.3	26.1 (22.8,29.4)	17.9 (15.6,20.3)
2009	238	5.6	27.1	24.8 (21.6,27.9)	16.3 (14.2,18.5)

**Female**

Year of diagnosis	Number of cases	Percentage of all cancers ex. NMSC	Crude rate per 100,000 females	European age standardised incidence rate per 100,000 females (95% CI)	World age standardised incidence rate per 100,000 females (95% CI)
1993	129	4.0	15.4	13.1 (10.7,15.5)	8.8 (7.1,10.6)
1994	122	3.9	14.5	11.9 (9.6,14.1)	7.9 (6.3,9.4)
1995	149	4.7	17.6	14.6 (12.1,17.1)	9.7 (8.0,11.5)
1996	157	4.8	18.4	15.0 (12.5,17.5)	10.1 (8.3,11.9)
1997	145	4.4	16.9	13.7 (11.4,16.1)	9.1 (7.5,10.8)
1998	118	3.6	13.7	11.9 (9.7,14.2)	8.2 (6.6,9.8)
1999	123	3.7	14.3	11.6 (9.5,13.8)	7.8 (6.3,9.3)
2000	153	4.5	17.7	15.0 (12.5,17.5)	10.4 (8.6,12.2)
2001	155	4.7	17.9	15.3 (12.8,17.8)	10.6 (8.8,12.4)
2002	134	3.8	15.4	12.9 (10.6,15.2)	8.8 (7.2,10.5)
2003	142	4.0	16.3	12.3 (10.2,14.5)	8.3 (6.7,9.8)
2004	156	4.3	17.9	14.6 (12.2,17.0)	10.0 (8.3,11.8)
2005	144	3.9	16.4	13.3 (11.0,15.5)	9.1 (7.5,10.7)
2006	152	4.1	17.1	13.2 (11.0,15.5)	8.8 (7.3,10.4)
2007	134	3.4	14.9	11.8 (9.7,13.9)	8.0 (6.5,9.5)
2008	156	3.8	17.3	14.0 (11.7,16.3)	9.8 (8.1,11.4)
2009	133	3.2	14.6	11.2 (9.2,13.2)	7.7 (6.2,9.1)

**All persons**

Year of diagnosis	Number of cases	Percentage of all cancers ex. NMSC	Crude rate per 100,000 persons	European age standardised incidence rate per 100,000 persons (95% CI)	World age standardised incidence rate per 100,000 persons (95% CI)
1993	313	5.0	19.1	18.6 (16.5,20.7)	12.8 (11.2,14.3)
1994	299	4.8	18.2	17.2 (15.2,19.2)	11.6 (10.2,13.0)
1995	324	5.2	19.6	18.6 (16.5,20.6)	12.5 (11.0,13.9)
1996	346	5.4	20.8	19.5 (17.3,21.6)	13.2 (11.7,14.6)
1997	302	4.8	18.1	16.8 (14.8,18.7)	11.2 (9.8,12.6)
1998	305	4.7	18.2	17.1 (15.2,19.1)	11.6 (10.2,13.0)
1999	281	4.4	16.7	15.2 (13.4,17.0)	10.3 (9.0,11.6)
2000	337	5.2	20.0	18.7 (16.7,20.8)	12.9 (11.4,14.3)
2001	369	5.6	21.8	20.3 (18.2,22.5)	14.0 (12.4,15.5)
2002	299	4.4	17.6	16.0 (14.2,17.9)	10.9 (9.6,12.3)
2003	388	5.5	22.8	20.2 (18.1,22.3)	13.8 (12.3,15.2)
2004	370	5.1	21.6	19.5 (17.5,21.6)	13.5 (12.1,15.0)
2005	361	5.0	20.9	18.7 (16.7,20.6)	12.9 (11.5,14.3)
2006	366	4.9	21.0	18.4 (16.5,20.3)	12.5 (11.1,13.9)
2007	386	4.9	21.9	19.3 (17.3,21.3)	13.3 (11.9,14.7)
2008	394	4.8	22.2	19.6 (17.6,21.6)	13.6 (12.2,15.0)
2009	371	4.4	20.7	17.3 (15.5,19.1)	11.6 (10.4,12.9)

**NOTES:**

NMSC: Non-melanoma skin cancer

CI: Confidence interval

**Rectum (C19-C21)**  
(Trends in number of cases per year)



**Rectum (C19-C21)**  
(Trends in age-standardised incidence rates)



## **NOTES**

### **European Age Standardised Incidence Rate**

The incidence rate per 100,000 persons that has been adjusted to take account of different age structures between geographic areas or time periods. This is done by adopting the European standard as a reference population. The EASIR can be considered to be the number of cases per 100,000 persons occurring in the population if the population possessed the same age structure as the European standard population.

### **World Age Standardised Incidence Rate**

As for the European age-standardised rate but using the World standard population.

### **Confidence Interval**

The range of values calculated to have a specified (usually 95%) probability of containing the true value of an observation. Thus the 95% confidence interval for a rate is the range of values within which there is a 95% probability of finding the true value for the rate.