

## Browne, Andrew

**From:** McCarthy, Miriam  
**Sent:** 01 February 2005 16:56  
**To:** Browne, Andrew  
**Subject:** FW: Hyponatraemia

Andrew,  
Attachment on Hyponatraemia as requested

MM

-----Original Message-----

**From:** McColgan, Jim  
**Sent:** 31 January 2005 16:54  
**To:** McCarthy, Miriam  
**Cc:** Seeds, Gillian  
**Subject:** Hyponatraemia

Miriam,

Spreadsheet attached with deaths and rates figures included.

Apologies for the delay but I had to clarify the E&W data.

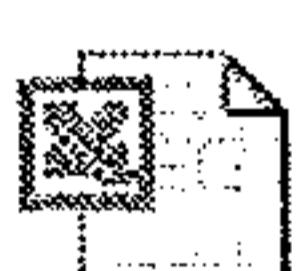
The first set of figures that I have supplied are for where Hyponatraemia and fluid overload are the primary (or underlying) cause of death.

The second set of figures are for where Hyponatraemia and fluid overload are mentioned anywhere else on the death certificate excluding the primary (or underlying) cause of death.

You will see from the data supplied that comparisons are not very enlightening because of the extremely small numbers of deaths involved in comparison to total deaths.

Happy to discuss.

Jim McColgan

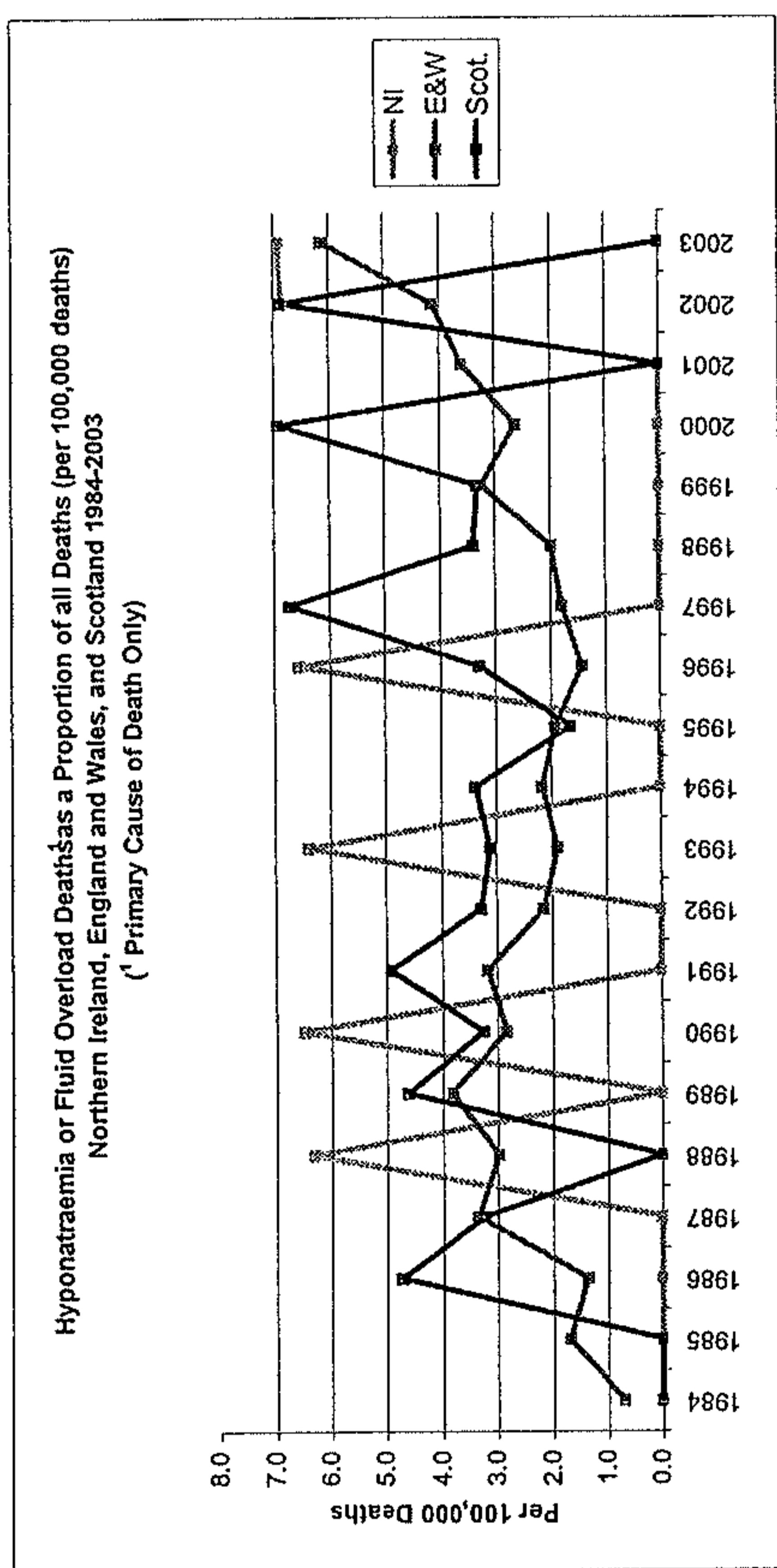


Hyp.- Background  
Data\_MMCC.xls...

**Hyponatraemia or Fluid Overload<sup>1</sup> Deaths as a Proportion of all Deaths (per 100,000 deaths)**  
**Northern Ireland, England and Wales, and Scotland 1984-2003**

<sup>1</sup> Primary cause of death only

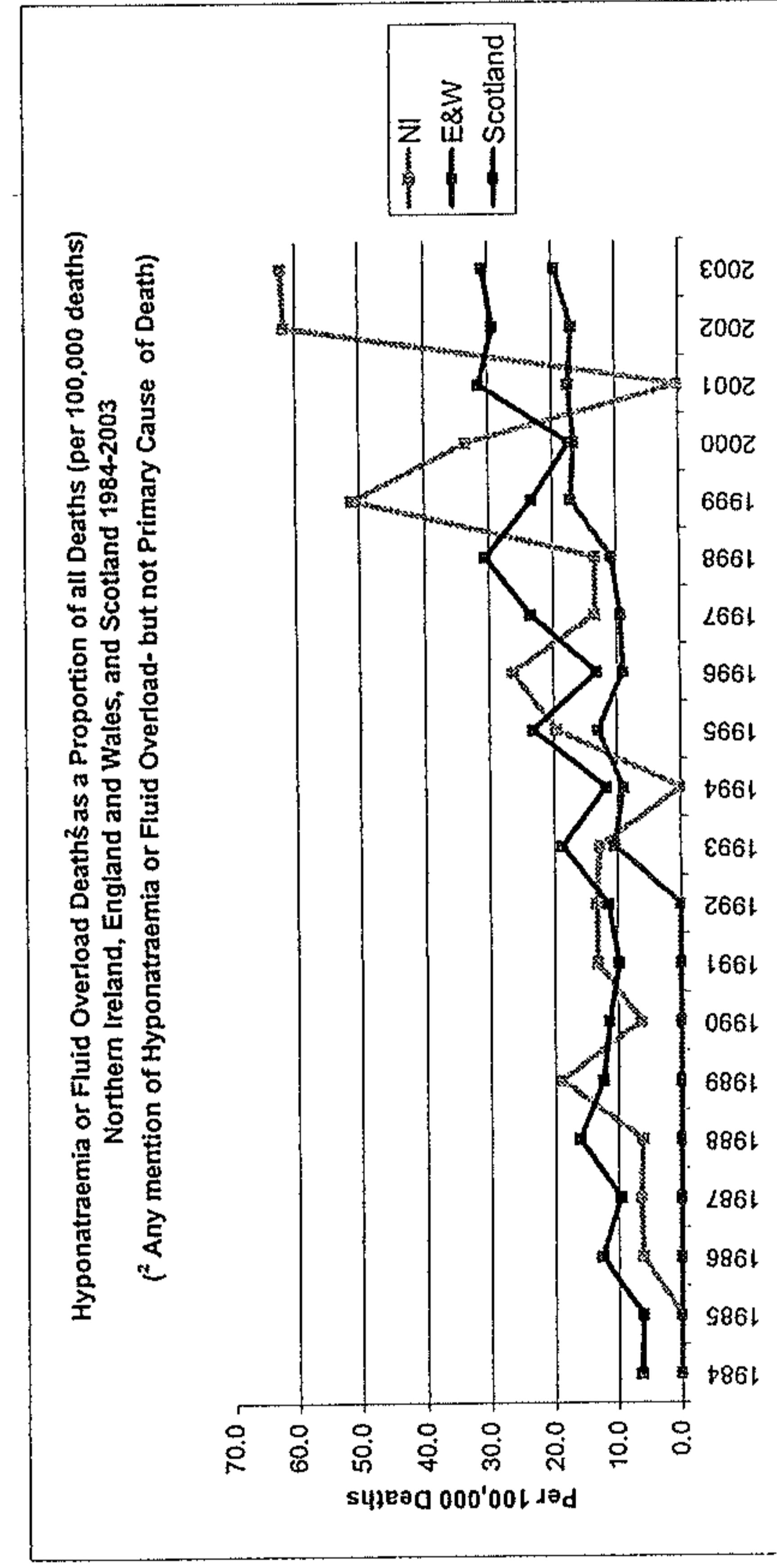
|      | NI  | E&W | Scot. |
|------|-----|-----|-------|
| 1984 | 0.0 | 0.7 | 0.0   |
| 1985 | 0.0 | 1.7 | 0.0   |
| 1986 | 0.0 | 1.4 | 4.7   |
| 1987 | 0.0 | 3.4 | 3.2   |
| 1988 | 6.3 | 3.0 | 0.0   |
| 1989 | 0.0 | 3.8 | 4.6   |
| 1990 | 6.5 | 2.8 | 3.3   |
| 1991 | 0.0 | 3.2 | 4.9   |
| 1992 | 0.0 | 2.1 | 3.3   |
| 1993 | 6.4 | 1.9 | 3.1   |
| 1994 | 0.0 | 2.2 | 3.4   |
| 1995 | 0.0 | 1.9 | 1.7   |
| 1996 | 6.6 | 1.4 | 3.3   |
| 1997 | 0.0 | 1.8 | 6.7   |
| 1998 | 0.0 | 2.0 | 3.4   |
| 1999 | 0.0 | 3.2 | 3.3   |
| 2000 | 0.0 | 2.6 | 6.9   |
| 2001 | 0.0 | 3.6 | 0.0   |
| 2002 | 6.9 | 4.1 | 6.9   |
| 2003 | 6.9 | 6.1 | 0.0   |



**Hyponatraemia or Fluid Overload<sup>2</sup> Deaths as a Proportion of all Deaths (per 100,000 deaths)**  
**Northern Ireland, England and Wales, and Scotland 1984-2003**

<sup>2</sup> Any mention of Hyponatraemia or Fluid Overload but not Primary Cause of Death

|      | NI   | E&W  | Scot. |
|------|------|------|-------|
| 1984 | 0.0  | N/A  | 6.4   |
| 1985 | 0.0  | N/A  | 6.3   |
| 1986 | 6.2  | N/A  | 12.6  |
| 1987 | 6.5  | N/A  | 9.7   |
| 1988 | 6.3  | N/A  | 16.1  |
| 1989 | 18.9 | N/A  | 12.3  |
| 1990 | 6.5  | N/A  | 11.4  |
| 1991 | 13.2 | N/A  | 9.8   |
| 1992 | 13.3 | N/A  | 11.5  |
| 1993 | 12.8 | 10.4 | 18.7  |
| 1994 | 0.0  | 9.0  | 11.8  |
| 1995 | 19.6 | 13.0 | 23.1  |
| 1996 | 26.3 | 9.1  | 13.2  |
| 1997 | 13.4 | 9.4  | 23.5  |
| 1998 | 13.3 | 10.8 | 30.4  |
| 1999 | 51.1 | 17.1 | 23.2  |
| 2000 | 33.6 | 16.6 | 17.3  |
| 2001 | 0.0  | 17.3 | 31.4  |
| 2002 | 61.7 | 16.9 | 29.3  |
| 2003 | 62.2 | 19.5 | 30.8  |



Sources:  
NI data - NISRA  
E&W Data - Office of National Statistics  
Scotland Data - GRO Scotland

**Browne, Andrew**

**From:** McCarthy, Miriam  
**Sent:** 31 January 2005 17:01  
**To:** McColgan, Jim  
**Cc:** Browne, Andrew  
**Subject:** RE: Hyponatraemia

Jim

Thank you . I appreciate you doing this so quickly. You're right, the small numbers make interpretation difficult. It will however help to provide more robust lines if there are media enquiries.

Miriam

-----Original Message-----

**From:** McColgan, Jim  
**Sent:** 31 January 2005 16:54  
**To:** McCarthy, Miriam  
**Cc:** Seeds, Gillian  
**Subject:** Hyponatraemia

Miriam,

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Happy to discuss.

Jim McColgan

<< File: Hyp.- Background Data\_MMCC.xls >>