

**Table 3 - Increased winter mortality<sup>1,2</sup> and increased winter mortality index<sup>3,4</sup>, by age group and NHS Board area of usual residence, 1999/2000 to 2006/07<sup>5</sup>**

**Notes:**

1. Increased winter mortality has been defined as the difference between the number of deaths in the months December - March and the average of the preceding (August - November) and following (April - July) non-winter periods. A negative figure occurs when there were fewer deaths during the winter period than the average of the non-winter periods.
2. Because of the approximate nature of this measure, numbers have been rounded to the nearest 10. The sum of the age group figures may, therefore, not be identical to the all ages total.
3. The IWM Index is the number of additional winter deaths divided by the average non-winter deaths, expressed as a percentage.
4. The IWM Index has not been calculated when the number of 'additional' winter deaths was negative.
5. Data for 2006/07 are provisional.
6. Greater Glasgow & Clyde and Highland include deaths in the former NHS Argyll and Clyde area.

**Scotland**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	5,190	650	970	1,820	1,750	28.5	16.7	23.7	31.9	38.6
2000/01	2,220	260	370	820	760	12.2	6.9	9.3	14.3	16.4
2001/02	1,840	80	230	820	710	9.9	2.0	5.8	14.1	14.8
2002/03	2,510	350	300	940	920	13.5	9.2	7.5	15.9	18.9
2003/04	2,840	320	510	840	1,170	15.6	8.7	13.5	13.9	25.0
2004/05	2,760	200	430	1,030	1,090	15.4	5.4	12.0	17.6	23.4
2005/06	1,780	330	280	560	610	10.0	8.9	7.9	9.6	12.8
2006/07 <sup>5</sup>	2,750	190	410	980	1,170	15.6	4.9	11.8	17.9	24.0

**Ayrshire and Arran**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	380	40	60	150	130	26.5	15.0	18.5	31.5	36.5
2000/01	90	-20	10	60	40	5.8	*	2.6	11.9	11.5
2001/02	100	30	-30	50	50	6.7	9.0	*	10.3	13.5
2002/03	170	20	30	60	70	11.7	7.1	8.4	11.8	17.7
2003/04	230	20	50	50	110	15.6	6.8	17.0	9.5	28.2
2004/05	260	10	70	80	100	18.7	5.0	25.2	16.7	26.6
2005/06	150	60	40	0	50	10.4	20.9	14.0	1.0	11.9
2006/07 <sup>5</sup>	220	40	30	60	90	15.7	13.6	10.2	13.7	23.5

**Borders**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	120	20	20	50	30	28.7	28.7	30.1	35.8	20.2
2000/01	50	10	10	30	0	12.6	19.7	12.3	25.3	*
2001/02	40	0	10	20	10	9.1	4.0	9.2	15.1	5.7
2002/03	40	10	0	10	20	8.9	8.6	4.3	6.0	14.8
2003/04	40	-10	10	10	30	9.5	*	14.3	9.4	17.4
2004/05	60	0	10	20	30	15.0	0.7	20.0	14.7	20.7
2005/06	60	0	10	20	30	13.7	*	15.9	12.7	22.3
2006/07 <sup>5</sup>	60	10	0	10	30	14.8	17.2	4.8	10.4	24.0

**Table 3 - Increased winter mortality<sup>1,2</sup> and increased winter mortality index<sup>3,4</sup>, by age group and NHS Board area of usual residence, 1999/2000 to 2006/07<sup>b</sup>**

**Dumfries and Galloway**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	130	10	20	50	40	22.4	14.0	16.5	25.1	30.1
2000/01	70	10	10	40	10	11.8	6.8	5.4	25.2	4.8
2001/02	50	-10	0	40	10	8.7	*	1.2	23.0	7.7
2002/03	80	20	10	10	50	14.3	14.6	7.9	6.7	27.3
2003/04	30	0	20	0	10	5.3	*	16.2	2.0	7.8
2004/05	70	0	20	30	20	11.7	*	17.7	15.5	10.2
2005/06	60	20	30	-10	20	10.4	17.8	28.4	*	13.3
2006/07 <sup>o</sup>	60	0	10	30	20	9.8	4.3	4.9	14.1	11.5

**Fife**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	310	60	70	100	90	26.3	26.5	24.9	26.0	27.6
2000/01	280	40	60	70	100	23.1	20.1	23.4	17.8	31.5
2001/02	200	40	50	50	60	16.7	19.4	20.4	12.2	17.5
2002/03	90	30	10	40	20	7.1	12.3	2.3	8.2	6.2
2003/04	150	-10	20	10	130	11.6	*	6.4	1.9	38.4
2004/05	250	30	20	120	90	20.6	13.2	8.5	27.4	25.2
2005/06	40	10	-30	30	30	3.6	4.2	*	7.9	10.1
2006/07 <sup>o</sup>	150	-10	20	70	80	12.1	*	6.4	17.9	21.3

**Forth Valley**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	260	30	40	100	100	25.5	13.2	16.9	29.1	38.8
2000/01	150	0	40	80	40	16.1	*	17.8	26.5	16.6
2001/02	30	-20	0	10	40	2.5	*	*	1.9	14.3
2002/03	120	-30	30	80	50	12.6	*	12.0	25.1	18.7
2003/04	180	30	30	40	70	17.9	15.9	15.9	13.3	27.6
2004/05	170	20	50	80	30	18.2	8.2	24.2	25.2	12.4
2005/06	180	0	40	70	70	18.9	1.7	21.4	21.9	26.9
2006/07 <sup>o</sup>	150	30	10	20	90	16.0	13.8	7.9	6.9	33.6

**Grampian**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	490	50	40	170	240	30.2	14.6	10.6	34.1	52.7
2000/01	190	40	60	40	50	11.5	12.0	16.8	8.3	11.0
2001/02	160	-10	0	80	100	9.6	*	*	14.9	20.4
2002/03	280	60	0	110	110	16.6	17.5	0.3	20.3	23.4
2003/04	320	20	40	150	110	19.9	6.9	13.9	27.7	23.8
2004/05	250	20	60	80	90	14.9	6.6	19.9	13.8	18.8
2005/06	130	0	30	30	70	7.7	0.1	9.5	5.6	14.0
2006/07 <sup>o</sup>	380	40	10	140	200	23.4	12.3	3.8	25.9	39.8

**Table 3 - Increased winter mortality<sup>1,2</sup> and increased winter mortality index<sup>3,4</sup>, by age group and NHS Board area of usual residence, 1999/2000 to 2006/07<sup>b</sup>**  
**Greater Glasgow & Clyde<sup>b</sup>**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	1380	190	290	420	410	29.6	16.7	26.6	27.9	39.1
2000/01	550	120	80	190	160	11.9	10.9	7.5	13.5	15.4
2001/02	560	10	170	200	150	11.9	0.7	15.9	13.6	13.8
2002/03	820	180	140	160	310	17.6	16.5	12.9	10.6	29.6
2003/04	670	100	150	140	230	14.7	9.0	14.9	9.2	22.3
2004/05	610	20	40	260	270	13.4	2.1	3.9	18.5	25.5
2005/06	450	130	50	90	160	10.2	13.1	4.8	5.9	15.4
2006/07 <sup>b</sup>	770	50	140	280	290	17.9	5.3	15.5	21.5	28.0

**Highland<sup>b</sup>**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	180	-20	60	20	110	15.5	*	23.4	5.8	36.9
2000/01	60	0	-30	40	50	5.5	*	*	12.9	15.8
2001/02	120	30	10	40	50	10.3	12.8	2.9	9.8	14.0
2002/03	90	0	10	50	20	8.0	*	4.0	13.4	6.3
2003/04	140	40	-20	50	60	12.2	16.0	*	12.2	18.9
2004/05	140	0	20	20	100	13.0	1.1	7.9	4.3	37.9
2005/06	80	20	-20	50	20	6.8	11.5	*	14.4	5.7
2006/07 <sup>b</sup>	180	30	30	60	70	16.2	11.8	11.8	17.6	20.5

**Lanarkshire**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	530	90	110	210	130	28.1	20.3	23.1	35.8	32.0
2000/01	250	20	40	110	80	13.5	4.8	9.3	17.6	20.8
2001/02	210	-20	20	100	100	10.8	*	3.8	17.0	25.4
2002/03	250	30	30	120	60	13.0	6.7	7.7	20.9	14.7
2003/04	400	60	30	160	150	21.7	14.1	7.9	26.0	38.0
2004/05	280	30	70	120	60	14.6	6.5	17.1	18.4	15.0
2005/06	300	60	60	110	70	15.8	13.2	13.9	19.3	15.4
2006/07 <sup>b</sup>	210	-10	80	80	60	10.9	*	20.5	13.1	12.9

**Lothian**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	850	120	140	280	310	33.6	22.4	25.4	36.0	46.1
2000/01	360	40	80	120	120	14.2	7.2	15.7	14.8	17.4
2001/02	220	30	-10	140	60	8.6	6.5	*	16.6	9.0
2002/03	360	50	0	170	140	14.0	9.9	*	20.2	19.4
2003/04	400	20	80	110	190	16.3	4.8	16.0	13.4	28.5
2004/05	390	60	70	90	170	15.6	11.7	14.8	10.6	24.8
2005/06	230	30	20	130	50	9.3	5.0	4.8	17.0	6.8
2006/07 <sup>b</sup>	270	0	20	120	120	11.2	0.8	3.9	16.2	17.5

**Table 3 - Increased winter mortality<sup>1,2</sup> and increased winter mortality index<sup>3,4</sup>, by age group and NHS Board area of usual residence, 1999/2000 to 2006/07<sup>b</sup>**

**Orkney**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	20	10	0	0	10	33.3	58.3	*	19.0	56.8
2000/01	0	0	-10	0	0	*	*	*	14.9	6.4
2001/02	10	0	0	0	10	12.3	18.5	*	16.3	26.3
2002/03	10	0	10	0	0	9.9	*	41.9	17.6	0.0
2003/04	10	0	10	0	0	20.0	23.1	71.4	11.6	2.2
2004/05	40	10	0	10	20	66.4	81.8	42.9	48.7	84.2
2005/06	-10	0	-10	0	0	*	21.7	*	*	2.1
2006/07 <sup>b</sup>	0	0	10	-10	10	6.2	*	56.5	*	44.2

**Shetland**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	20	0	10	0	10	26.1	4.3	87.5	9.8	37.9
2000/01	10	0	0	0	10	7.7	*	18.2	0.0	35.1
2001/02	10	-10	0	20	0	10.3	*	*	105.6	*
2002/03	-10	0	0	0	-10	*	*	14.3	2.3	*
2003/04	10	0	0	10	0	11.1	9.7	12.0	26.3	*
2004/05	0	0	-10	0	0	*	*	*	29.0	11.8
2005/06	20	0	10	0	10	29.2	20.0	130.8	*	47.1
2006/07 <sup>b</sup>	20	10	10	0	10	32.4	46.7	54.5	13.5	27.7

**Tayside**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	450	30	110	180	140	30.7	11.5	35.6	36.9	33.0
2000/01	180	20	30	40	90	12.2	7.3	11.1	8.0	21.1
2001/02	130	-10	30	40	80	8.6	*	9.9	8.1	16.5
2002/03	210	10	40	80	80	13.6	3.0	13.6	16.1	17.7
2003/04	260	40	80	50	90	17.4	17.2	27.4	9.8	20.0
2004/05	240	10	10	110	120	16.6	2.6	2.5	22.8	27.6
2005/06	80	10	50	0	20	5.3	2.4	19.1	*	5.8
2006/07 <sup>b</sup>	280	10	60	110	110	19.9	2.1	23.6	25.1	24.5

**Western Isles**

	Increased Winter Mortality <sup>1,2</sup>					Increased Winter Mortality Index <sup>3,4</sup>				
	All ages	0-64	65-74	75-84	85+	All ages	0-64	65-74	75-84	85+
1999/2000	70	20	10	20	20	62.0	105.0	46.3	53.6	56.3
2000/01	-10	0	-10	-10	10	*	*	*	*	25.3
2001/02	10	0	0	0	10	5.6	*	0.0	4.9	13.6
2002/03	-10	0	-10	10	-10	*	*	*	15.0	*
2003/04	0	10	0	-10	0	*	25.0	5.5	*	1.2
2004/05	20	0	0	10	0	13.9	0.0	27.3	28.6	1.4
2005/06	20	0	0	10	20	18.1	*	5.3	22.1	44.9
2006/07 <sup>b</sup>	-10	-10	-10	10	0	*	*	*	20.0	8.1