

Table 7: The Seasonal Increase in Mortality in the Winter - underlying death registrations, by Local Authority of usual residence, 2008/09 to 2011/12

| Local Authority | Period | Number of deaths registered | | | Seasonal Increase in Mortality in the Winter (or seasonal difference) ¹ | |
|--------------------------------|---------------------|-----------------------------|------------------------------|------------------------------|--|-----------|
| | | Winter (Dec - Mar) | Preceding period (Aug - Nov) | Following period (Apr - Jul) | (actual) | (rounded) |
| Aberdeen City | | | | | | |
| | 2008/09 | 780 | 662 | 640 | 129 | 130 |
| | 2009/10 | 692 | 666 | 667 | 26 | 30 |
| | 2010/11 | 755 | 649 | 623 | 119 | 120 |
| | 2011/12 provisional | 732 | 600 | 684 | 90 | 90 |
| Aberdeenshire | | | | | | |
| | 2008/09 | 802 | 720 | 700 | 92 | 90 |
| | 2009/10 | 813 | 689 | 705 | 116 | 120 |
| | 2010/11 | 796 | 725 | 688 | 90 | 90 |
| | 2011/12 provisional | 794 | 718 | 731 | 70 | 70 |
| Angus | | | | | | |
| | 2008/09 | 460 | 416 | 370 | 67 | 70 |
| | 2009/10 | 488 | 372 | 409 | 98 | 100 |
| | 2010/11 | 424 | 387 | 398 | 32 | 30 |
| | 2011/12 provisional | 461 | 404 | 436 | 41 | 40 |
| Argyll & Bute | | | | | | |
| | 2008/09 | 395 | 364 | 338 | 44 | 40 |
| | 2009/10 | 400 | 328 | 358 | 57 | 60 |
| | 2010/11 | 359 | 351 | 344 | 12 | 10 |
| | 2011/12 provisional | 379 | 332 | 365 | 31 | 30 |
| Clackmannanshire | | | | | | |
| | 2008/09 | 226 | 141 | 160 | 76 | 80 |
| | 2009/10 | 159 | 144 | 149 | 13 | 10 |
| | 2010/11 | 168 | 161 | 158 | 9 | 10 |
| | 2011/12 provisional | 155 | 149 | 159 | 1 | 0 |
| Dumfries & Galloway | | | | | | |
| | 2008/09 | 683 | 541 | 554 | 136 | 140 |
| | 2009/10 | 677 | 577 | 568 | 105 | 100 |
| | 2010/11 | 625 | 613 | 541 | 48 | 50 |
| | 2011/12 provisional | 614 | 534 | 659 | 18 | 20 |
| Dundee | | | | | | |
| | 2008/09 | 607 | 537 | 500 | 89 | 90 |
| | 2009/10 | 635 | 548 | 507 | 108 | 110 |
| | 2010/11 | 609 | 571 | 552 | 48 | 50 |
| | 2011/12 provisional | 601 | 515 | 557 | 65 | 70 |
| East Ayrshire | | | | | | |
| | 2008/09 | 517 | 409 | 405 | 110 | 110 |
| | 2009/10 | 450 | 433 | 382 | 43 | 40 |
| | 2010/11 | 496 | 422 | 418 | 76 | 80 |
| | 2011/12 provisional | 444 | 428 | 420 | 20 | 20 |
| East Dunbartonshire | | | | | | |
| | 2008/09 | 348 | 294 | 272 | 65 | 70 |
| | 2009/10 | 334 | 314 | 303 | 26 | 30 |
| | 2010/11 | 367 | 313 | 282 | 70 | 70 |
| | 2011/12 provisional | 298 | 310 | 308 | -11 | -10 |
| East Lothian | | | | | | |
| | 2008/09 | 382 | 314 | 327 | 62 | 60 |
| | 2009/10 | 382 | 312 | 294 | 79 | 80 |
| | 2010/11 | 370 | 331 | 282 | 64 | 60 |
| | 2011/12 provisional | 356 | 291 | 330 | 46 | 50 |

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|--------------------------|-------|-------|-------|-----|-----|--|
| East Renfrewshire | | | | | | |
| 2008/09 | 299 | 275 | 265 | 29 | 30 | |
| 2009/10 | 306 | 283 | 256 | 37 | 40 | |
| 2010/11 | 317 | 273 | 261 | 50 | 50 | |
| 2011/12 provisional | 271 | 265 | 295 | -9 | -10 | |
| Edinburgh | | | | | | |
| 2008/09 | 1,554 | 1,305 | 1,389 | 207 | 210 | |
| 2009/10 | 1,499 | 1,292 | 1,286 | 210 | 210 | |
| 2010/11 | 1,551 | 1,377 | 1,339 | 193 | 190 | |
| 2011/12 provisional | 1,490 | 1,372 | 1,448 | 80 | 80 | |
| Eilean Siar | | | | | | |
| 2008/09 | 117 | 104 | 113 | 9 | 10 | |
| 2009/10 | 147 | 115 | 103 | 38 | 40 | |
| 2010/11 | 115 | 118 | 117 | -3 | 0 | |
| 2011/12 provisional | 148 | 119 | 127 | 25 | 30 | |
| Falkirk | | | | | | |
| 2008/09 | 584 | 515 | 465 | 94 | 90 | |
| 2009/10 | 538 | 482 | 477 | 59 | 60 | |
| 2010/11 | 583 | 473 | 503 | 95 | 100 | |
| 2011/12 provisional | 554 | 465 | 519 | 62 | 60 | |
| Fife | | | | | | |
| 2008/09 | 1,477 | 1,158 | 1,241 | 278 | 280 | |
| 2009/10 | 1,357 | 1,204 | 1,137 | 187 | 190 | |
| 2010/11 | 1,301 | 1,211 | 1,210 | 91 | 90 | |
| 2011/12 provisional | 1,360 | 1,220 | 1,262 | 119 | 120 | |
| Glasgow | | | | | | |
| 2008/09 | 2,538 | 2,090 | 2,068 | 459 | 460 | |
| 2009/10 | 2,302 | 2,098 | 1,908 | 299 | 300 | |
| 2010/11 | 2,356 | 2,111 | 2,036 | 283 | 280 | |
| 2011/12 provisional | 2,305 | 2,033 | 2,138 | 220 | 220 | |
| Highland | | | | | | |
| 2008/09 | 844 | 774 | 711 | 102 | 100 | |
| 2009/10 | 865 | 716 | 731 | 142 | 140 | |
| 2010/11 | 866 | 791 | 743 | 99 | 100 | |
| 2011/12 provisional | 823 | 831 | 705 | 55 | 60 | |
| Inverclyde | | | | | | |
| 2008/09 | 358 | 315 | 302 | 50 | 50 | |
| 2009/10 | 367 | 329 | 352 | 27 | 30 | |
| 2010/11 | 364 | 319 | 307 | 51 | 50 | |
| 2011/12 provisional | 336 | 341 | 335 | -2 | 0 | |
| Midlothian | | | | | | |
| 2008/09 | 286 | 244 | 275 | 27 | 30 | |
| 2009/10 | 256 | 259 | 263 | -5 | -10 | |
| 2010/11 | 284 | 275 | 267 | 13 | 10 | |
| 2011/12 provisional | 288 | 236 | 260 | 40 | 40 | |
| Moray | | | | | | |
| 2008/09 | 339 | 276 | 302 | 50 | 50 | |
| 2009/10 | 348 | 274 | 288 | 67 | 70 | |
| 2010/11 | 351 | 293 | 319 | 45 | 50 | |
| 2011/12 provisional | 346 | 316 | 332 | 22 | 20 | |
| North Ayrshire | | | | | | |
| 2008/09 | 634 | 501 | 510 | 129 | 130 | |
| 2009/10 | 546 | 489 | 489 | 57 | 60 | |
| 2010/11 | 550 | 467 | 510 | 62 | 60 | |
| 2011/12 provisional | 516 | 478 | 514 | 20 | 20 | |
| North Lanarkshire | | | | | | |
| 2008/09 | 1,272 | 1,040 | 1,045 | 230 | 230 | |
| 2009/10 | 1,310 | 1,017 | 1,044 | 280 | 280 | |
| 2010/11 | 1,242 | 1,100 | 1,030 | 177 | 180 | |
| 2011/12 provisional | 1,211 | 1,091 | 1,100 | 116 | 120 | |

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|----------------------------|-------|-------|-------|-----|-----|--|
| Orkney | | | | | | |
| 2008/09 | 77 | 72 | 63 | 10 | 10 | |
| 2009/10 | 68 | 67 | 74 | -3 | 0 | |
| 2010/11 | 84 | 72 | 69 | 14 | 10 | |
| 2011/12 provisional | 63 | 67 | 73 | -7 | -10 | |
| Perth & Kinross | | | | | | |
| 2008/09 | 563 | 476 | 514 | 68 | 70 | |
| 2009/10 | 555 | 469 | 445 | 98 | 100 | |
| 2010/11 | 592 | 438 | 456 | 145 | 150 | |
| 2011/12 provisional | 562 | 456 | 522 | 73 | 70 | |
| Renfrewshire | | | | | | |
| 2008/09 | 708 | 638 | 592 | 93 | 90 | |
| 2009/10 | 714 | 668 | 604 | 78 | 80 | |
| 2010/11 | 622 | 604 | 594 | 23 | 20 | |
| 2011/12 provisional | 656 | 601 | 651 | 30 | 30 | |
| Scottish Borders | | | | | | |
| 2008/09 | 487 | 383 | 400 | 96 | 100 | |
| 2009/10 | 449 | 381 | 423 | 47 | 50 | |
| 2010/11 | 462 | 390 | 385 | 75 | 70 | |
| 2011/12 provisional | 451 | 398 | 429 | 38 | 40 | |
| Shetland | | | | | | |
| 2008/09 | 69 | 68 | 67 | 2 | 0 | |
| 2009/10 | 88 | 68 | 83 | 13 | 10 | |
| 2010/11 | 82 | 67 | 73 | 12 | 10 | |
| 2011/12 provisional | 68 | 77 | 70 | -6 | -10 | |
| South Ayrshire | | | | | | |
| 2008/09 | 563 | 418 | 422 | 143 | 140 | |
| 2009/10 | 525 | 418 | 449 | 92 | 90 | |
| 2010/11 | 512 | 457 | 439 | 64 | 60 | |
| 2011/12 provisional | 486 | 466 | 452 | 27 | 30 | |
| South Lanarkshire | | | | | | |
| 2008/09 | 1,254 | 973 | 947 | 294 | 290 | |
| 2009/10 | 1,213 | 1,044 | 1,017 | 183 | 180 | |
| 2010/11 | 1,170 | 996 | 1,029 | 158 | 160 | |
| 2011/12 provisional | 1,180 | 1,048 | 1,121 | 96 | 100 | |
| Stirling | | | | | | |
| 2008/09 | 350 | 249 | 231 | 110 | 110 | |
| 2009/10 | 293 | 248 | 278 | 30 | 30 | |
| 2010/11 | 287 | 267 | 243 | 32 | 30 | |
| 2011/12 provisional | 277 | 275 | 287 | -4 | 0 | |
| West Dunbartonshire | | | | | | |
| 2008/09 | 400 | 353 | 357 | 45 | 50 | |
| 2009/10 | 387 | 326 | 308 | 70 | 70 | |
| 2010/11 | 413 | 341 | 317 | 84 | 80 | |
| 2011/12 provisional | 374 | 347 | 365 | 18 | 20 | |
| West Lothian | | | | | | |
| 2008/09 | 559 | 450 | 424 | 122 | 120 | |
| 2009/10 | 525 | 429 | 432 | 95 | 90 | |
| 2010/11 | 553 | 434 | 425 | 124 | 120 | |
| 2011/12 provisional | 520 | 486 | 472 | 41 | 40 | |

Footnote

1) The Seasonal Increase in Mortality in the Winter, or the 'seasonal difference', is defined as the number of deaths in the 'winter' period of 4 months (December - March) less the average of the numbers of deaths in the preceding period of 4 months (August - November) and the following period of 4 months (April - July).