

Table 1: Drug-related deaths in Scotland, 1996 - 2008

| Year | Drug-related deaths registered in year | <u>Annual moving averages</u> | | <u>Likely range of values around 5-year average</u> | |
|------|--|-------------------------------|----------------|---|--------------|
| | | 3-year average | 5-year average | likely lower | likely upper |
| 1996 | 244 | | | | |
| 1997 | 224 | 239 | | | |
| 1998 | 249 | 255 | 260 | 228 | 292 |
| 1999 | 291 | 277 | 278 | 245 | 310 |
| 2000 | 292 | 305 | 309 | 275 | 344 |
| 2001 | 332 | 335 | 323 | 288 | 358 |
| 2002 | 382 | 344 | 336 | 300 | 372 |
| 2003 | 317 | 352 | 345 | 308 | 381 |
| 2004 | 356 | 336 | 362 | 325 | 400 |
| 2005 | 336 | 371 | 377 | 339 | 415 |
| 2006 | 421 | 404 | 428 | 388 | 469 |
| 2007 | 455 | 483 | | | |
| 2008 | 574 | | | | |

Figure 1 Drug-related deaths in Scotland, 3- and 5-year moving averages, and likely range of values around 5-year moving average

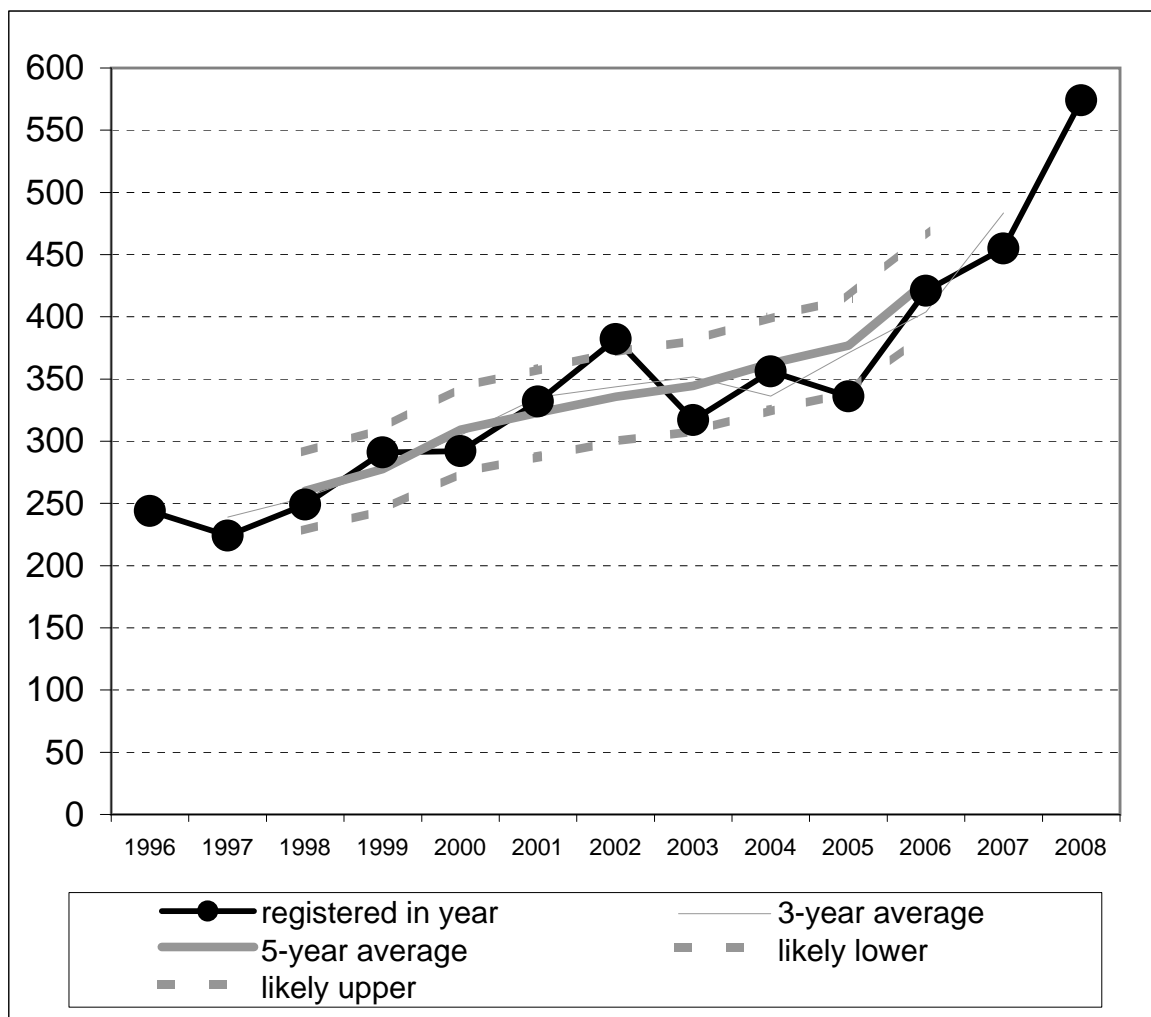


Table 2: Drug-related deaths by cause of death, Scotland, 1996 - 2008

| Year | All categories | Cause of death category (ICD10 codes) | | | | |
|-----------|----------------|---------------------------------------|-----------------------------------|---|---------------------------------|----------------------------------|
| | | Drug abuse (F11-F16, F19) | Accidental poisoning (X40-X44) | Intentional self-poisoning (X60-X64) | Assault by drugs, etc. (X85) | Undetermined intent (Y10-Y14) |
| 1996-2000 | | | | | | |
| average | 260 | 189 | 13 | 34 | 0 | 25 |
| 1996 | 244 | 175 | 10 | 41 | 0 | 18 |
| 1997 | 224 | 142 | 14 | 42 | 0 | 26 |
| 1998 | 249 | 179 | 16 | 32 | 0 | 22 |
| 1999 | 291 | 227 | 12 | 19 | 1 | 32 |
| 2000 | 292 | 220 | 11 | 34 | 0 | 27 |
| 2001 | 332 | 227 | 19 | 34 | 0 | 52 |
| 2002 | 382 | 280 | 17 | 30 | 0 | 55 |
| 2003 | 317 | 216 | 15 | 40 | 0 | 46 |
| 2004 | 356 | 232 | 32 | 32 | 0 | 60 |
| 2005 | 336 | 204 | 31 | 43 | 0 | 58 |
| 2006 | 421 | 280 | 51 | 40 | 0 | 50 |
| 2007 | 455 | 299 | 39 | 27 | 0 | 90 |
| 2008 | 574 | 370 | 59 | 34 | 0 | 111 |
| 2004-2008 | | | | | | |
| average | 428 | 277 | 42 | 35 | 0 | 74 |

Table 3: Drug-related deaths by selected drugs reported¹, Scotland, 1996 - 2008

| Year | Heroin / morphine ² | Meth- adone | Benzodiazepines | | | Cocaine | Ecstasy | Amphet- amines | Alcohol |
|-------------------------|-----------------------------------|----------------|----------------------------|-----------------------------------|----------------|---------|---------|-------------------|---------|
| | | | Any benzo- diazepine | <u>of which:</u> Diaz- epam | Temaz- epam | | | | |
| 1996-2000 average | 128 | 74 | .. | 116 | 47 | 6 | 7 | .. | 91 |
| 1996 | 84 | 100 | .. | 84 | 48 | 3 | 9 | .. | 87 |
| 1997 | 74 | 86 | .. | 93 | 33 | 5 | 2 | .. | 70 |
| 1998 | 121 | 64 | .. | 113 | 58 | 4 | 3 | .. | 86 |
| 1999 | 167 | 63 | .. | 142 | 56 | 12 | 8 | .. | 89 |
| 2000 | 196 | 55 | 164 | 146 | 39 | 4 | 11 | 3 | 123 |
| 2001 | 216 | 69 | 182 | 156 | 20 | 19 | 20 | 5 | 140 |
| 2002 | 248 | 98 | 245 | 214 | 16 | 31 | 20 | 13 | 156 |
| 2003 | 175 | 87 | 186 | 153 | 35 | 29 | 14 | 10 | 128 |
| 2004 | 225 | 80 | 140 | 113 | 5 | 38 | 17 | 10 | 116 |
| 2005 | 194 | 72 | 110 | 90 | 7 | 44 | 10 | 11 | 114 |
| 2006 | 260 | 97 | 94 | 78 | 10 | 33 | 13 | 11 | 131 |
| 2007 | 289 | 114 | 109 | 79 | 4 | 47 | 11 | 11 | 157 |
| 2008 | 336 | 181 | 364 | 317 | 12 | 79 | 7 | 12 | 273 |
| <u>annual averages:</u> | | | | | | | | | |
| 2003-2007 | 229 | 90 | 128 | 103 | 12 | 38 | 13 | 11 | 129 |
| 2004-2008 | 261 | 109 | 163 | 135 | 8 | 48 | 12 | 11 | 158 |

1. More than one drug may be reported per death. These are mentions of each drug, and should not be added to give total deaths.
Up to 2007, some pathologists reported only those drugs which they thought caused, or contributed to, the death
With effect from 2008, pathologists were asked to report all the drugs which were found to be present in the body.

This accounts for most (if not all) of the apparent large increases for (e.g.) benzodiazepines, diazepam and alcohol.

There may be other differences between years and/or areas in the way in which the information was produced - see Section 2.

2. See paragraph 3.3.1 of commentary.

Table 4: Drug-related deaths by sex and age, Scotland, 1996 - 2008

| Year | Drug-related deaths | Sex | | Age-group | | | | Age | | |
|-----------|---------------------|------|--------|-----------|---------|---------|-----------|----------------|--------|----------------|
| | | Male | Female | under 25 | 25 - 34 | 35 - 44 | 45 & over | Lower quartile | Median | Upper quartile |
| 1996-2000 | | | | | | | | | | |
| average | 260 | 207 | 53 | 83 | 108 | 46 | 23 | .. | .. | .. |
| 1996 | 244 | 185 | 59 | 86 | 103 | 32 | 23 | 22 | 28 | 34 |
| 1997 | 224 | 179 | 45 | 76 | 89 | 31 | 28 | 23 | 29 | 35 |
| 1998 | 249 | 194 | 55 | 88 | 103 | 37 | 21 | 23 | 27 | 34 |
| 1999 | 291 | 237 | 54 | 94 | 118 | 62 | 17 | 23 | 28 | 35 |
| 2000 | 292 | 239 | 53 | 73 | 126 | 69 | 24 | 25 | 30 | 36 |
| 2001 | 332 | 267 | 65 | 80 | 140 | 69 | 43 | 25 | 31 | 38 |
| 2002 | 382 | 321 | 61 | 100 | 153 | 92 | 37 | 24 | 30 | 37 |
| 2003 | 317 | 256 | 61 | 78 | 123 | 80 | 36 | 25 | 31 | 37 |
| 2004 | 356 | 289 | 67 | 81 | 138 | 92 | 45 | 25 | 31 | 38 |
| 2005 | 336 | 259 | 77 | 48 | 104 | 126 | 58 | 28 | 36 | 41 |
| 2006 | 421 | 334 | 87 | 69 | 154 | 128 | 70 | 27 | 34 | 40 |
| 2007 | 455 | 393 | 62 | 94 | 149 | 149 | 63 | 26 | 34 | 41 |
| 2008 | 574 | 461 | 113 | 92 | 211 | 174 | 97 | 27 | 34 | 41 |
| 2004-2008 | | | | | | | | | | |
| average | 428 | 347 | 81 | 77 | 151 | 134 | 67 | .. | .. | .. |

Table 5: Drug-related deaths by sex, age and cause of death, Scotland, 2008

| | All categories | Cause of death category (ICD10 codes) | | | | Undetermined intent (Y10-Y14) |
|-----------------------|----------------|---------------------------------------|-----------------------------------|---|---------------------------------|----------------------------------|
| | | Drug abuse (F11-F16, F19) | Accidental poisoning (X40-X44) | Intentional self-poisoning (X60-X64) | Assault by drugs, etc. (X85) | |
| All deaths | 574 | 370 | 59 | 34 | 0 | 111 |
| Males | 461 | 304 | 55 | 26 | 0 | 76 |
| Females | 113 | 66 | 4 | 8 | 0 | 35 |
| Under 25 | 92 | 51 | 19 | 4 | 0 | 18 |
| 25-34 | 211 | 157 | 20 | 6 | 0 | 28 |
| 35-44 | 174 | 122 | 13 | 12 | 0 | 27 |
| 45 and over | 97 | 40 | 7 | 12 | 0 | 38 |
| <u>Males</u> | | | | | | |
| Under 25 | 68 | 36 | 17 | 3 | 0 | 12 |
| 25-34 | 178 | 129 | 19 | 5 | 0 | 25 |
| 35-44 | 145 | 103 | 13 | 9 | 0 | 20 |
| 45 and over | 70 | 36 | 6 | 9 | 0 | 19 |
| <u>Females</u> | | | | | | |
| Under 25 | 24 | 15 | 2 | 1 | 0 | 6 |
| 25-34 | 33 | 28 | 1 | 1 | 0 | 3 |
| 35-44 | 29 | 19 | 0 | 3 | 0 | 7 |
| 45 and over | 27 | 4 | 1 | 3 | 0 | 19 |

Table HB1: Drug-related deaths by NHS Board area, 1998 - 2008 (with averages for 1996-2000 and 2004-2008)

| NHS Board area | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Annual averages | | Population in 2006 | 2004-2008 average deaths per 1,000 pop'n ¹ |
|--------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------|--------------|--------------------|---|
| | | | | | | | | | | | | 1996 to 2000 | 2004 to 2008 | | |
| Scotland | 249 | 291 | 292 | 332 | 382 | 317 | 356 | 336 | 421 | 455 | 574 | 260 | 428 | 5,116,900 | 0.08 |
| Ayrshire & Arran | 4 | 15 | 20 | 35 | 33 | 19 | 20 | 15 | 25 | 36 | 40 | 10 | 27 | 366,450 | 0.07 |
| Borders | 1 | 0 | 1 | 1 | 0 | 2 | 2 | 7 | 2 | 4 | 7 | 1 | 4 | 110,247 | 0.04 |
| Dumfries & Galloway | 4 | 7 | 7 | 8 | 9 | 9 | 7 | 7 | 5 | 10 | 9 | 6 | 8 | 148,030 | 0.05 |
| Fife | 13 | 9 | 12 | 11 | 12 | 12 | 17 | 21 | 19 | 28 | 37 | 9 | 24 | 358,858 | 0.07 |
| Forth Valley | 2 | 8 | 4 | 9 | 24 | 12 | 16 | 14 | 24 | 26 | 23 | 4 | 21 | 286,053 | 0.07 |
| Grampian | 26 | 38 | 31 | 46 | 47 | 37 | 39 | 23 | 47 | 45 | 41 | 29 | 39 | 529,889 | 0.07 |
| Greater Glasgow & Clyde ² | 115 | 129 | 132 | 117 | 152 | 131 | 151 | 111 | 162 | 157 | 197 | 113 | 156 | 1,191,584 | 0.13 |
| Highland ² | 2 | 8 | 4 | 6 | 13 | 10 | 12 | 13 | 12 | 16 | 24 | 4 | 15 | 306,701 | 0.05 |
| Lanarkshire | 21 | 23 | 29 | 24 | 37 | 25 | 33 | 40 | 40 | 48 | 44 | 19 | 41 | 558,139 | 0.07 |
| Lothian | 37 | 39 | 37 | 54 | 39 | 40 | 36 | 57 | 46 | 54 | 94 | 44 | 57 | 801,310 | 0.07 |
| Orkney | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 19,770 | 0.02 |
| Shetland | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 1 | 21,880 | 0.05 |
| Tayside | 23 | 14 | 14 | 19 | 14 | 19 | 23 | 26 | 35 | 29 | 53 | 21 | 33 | 391,639 | 0.08 |
| Western Isles | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 3 | 0 | 1 | 26,350 | 0.04 |
| Argyll & Clyde ³ | 23 | 30 | 31 | 22 | 31 | 27 | 35 | 29 | 36 | .. | .. | .. | .. | .. | .. |
| Greater Glasgow & Clyde pt. | 22 | 29 | 28 | 21 | 26 | 24 | 31 | 26 | 35 | .. | .. | .. | .. | .. | .. |
| Highland pt. | 1 | 1 | 3 | 1 | 5 | 3 | 4 | 3 | 1 | .. | .. | .. | .. | .. | .. |
| Greater Glasgow ³ | 93 | 100 | 104 | 96 | 126 | 107 | 120 | 85 | 127 | .. | .. | .. | .. | .. | .. |
| Highland ³ | 1 | 7 | 1 | 5 | 8 | 7 | 8 | 10 | 11 | .. | .. | .. | .. | .. | .. |

1. using the population in the middle of the 5-year period as a proxy for the average population over the whole period

2. New NHS Board areas including parts of former Argyll & Clyde.

3. Former NHS Board areas (before dissolution of Argyll & Clyde on 1 April 2006).

Table HB2: Drug-related deaths by cause of death and NHS Board area, 2008

| NHS Board area | All categories | Cause of death category (ICD10 codes) | | | | |
|-------------------------|----------------|---------------------------------------|-----------------------------------|---|---------------------------------|----------------------------------|
| | | Drug abuse (F11-F16, F19) | Accidental poisoning (X40-X44) | Intentional self-poisoning (X60-X64) | Assault by drugs, etc. (X85) | Undetermined intent (Y10-Y14) |
| Scotland | 574 | 370 | 59 | 34 | 0 | 111 |
| Ayrshire & Arran | 40 | 29 | 1 | 5 | 0 | 5 |
| Borders | 7 | 7 | 0 | 0 | 0 | 0 |
| Dumfries & Galloway | 9 | 6 | 1 | 0 | 0 | 2 |
| Fife | 37 | 15 | 15 | 4 | 0 | 3 |
| Forth Valley | 23 | 12 | 8 | 1 | 0 | 2 |
| Grampian | 41 | 31 | 1 | 3 | 0 | 6 |
| Greater Glasgow & Clyde | 197 | 136 | 1 | 8 | 0 | 52 |
| Highland | 24 | 13 | 1 | 4 | 0 | 6 |
| Lanarkshire | 44 | 33 | 0 | 4 | 0 | 7 |
| Lothian | 94 | 66 | 1 | 5 | 0 | 22 |
| Orkney | 1 | 1 | 0 | 0 | 0 | 0 |
| Shetland | 1 | 1 | 0 | 0 | 0 | 0 |
| Tayside | 53 | 18 | 30 | 0 | 0 | 5 |
| Western Isles | 3 | 2 | 0 | 0 | 0 | 1 |

Table HB3: Drug-related deaths by selected drugs reported¹ and NHS Board area, 2008

| NHS Board area | Heroin / morphine ² | Methadone | Benzodiazepines | | | Cocaine | Ecstasy | Amphetamines | Alcohol |
|-------------------------|--------------------------------|------------|---------------------|------------------------------|-----------|-----------|----------|--------------|------------|
| | | | Any benzo-diazepine | <i>of which:</i> Diazepam | Temazepam | | | | |
| Scotland | 336 | 181 | 364 | 317 | 12 | 79 | 7 | 12 | 273 |
| Ayrshire & Arran | 25 | 15 | 29 | 25 | 3 | 5 | 0 | 3 | 21 |
| Borders | 3 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 2 |
| Dumfries & Galloway | 5 | 4 | 4 | 4 | 0 | 1 | 0 | 0 | 5 |
| Fife | 24 | 9 | 13 | 12 | 1 | 3 | 2 | 2 | 16 |
| Forth Valley | 18 | 5 | 11 | 10 | 0 | 1 | 0 | 0 | 8 |
| Grampian | 29 | 12 | 28 | 2 | 0 | 15 | 2 | 1 | 22 |
| Greater Glasgow & Clyde | 118 | 77 | 156 | 151 | 4 | 34 | 2 | 4 | 109 |
| Highland | 13 | 6 | 13 | 8 | 1 | 2 | 0 | 0 | 7 |
| Lanarkshire | 32 | 10 | 31 | 31 | 0 | 5 | 1 | 0 | 24 |
| Lothian | 31 | 34 | 62 | 58 | 3 | 6 | 0 | 1 | 40 |
| Orkney | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Shetland | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Tayside | 36 | 8 | 12 | 12 | 0 | 5 | 0 | 1 | 16 |
| Western Isles | 1 | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 1 |

1. More than one drug may be reported per death. These are mentions of each drug, and should not be added to give total deaths.

Up to 2007, some pathologists reported only those drugs which they thought caused, or contributed to, the death

With effect from 2008, pathologists were asked to report all the drugs which were found to be present in the body.

There may be other differences between years and/or areas in the way in which the information was produced - see Section 2.

2. See paragraph 3.3.1 of commentary.

Table C1: Drug-related deaths by Council area, 1998 - 2008 (with averages for 1996-2000 and 2004-2008)

| Council area | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Annual averages | | Population in 2006 | 2004-2008 average deaths per 1,000 pop'n |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------|--------------|--------------------|--|
| | | | | | | | | | | | | 1996 to 2000 | 2004 to 2008 | | |
| Scotland | 249 | 291 | 292 | 332 | 382 | 317 | 356 | 336 | 421 | 455 | 574 | 260 | 428 | 5,116,900 | 0.08 |
| Aberdeen City | 20 | 22 | 22 | 32 | 34 | 21 | 27 | 11 | 26 | 23 | 27 | 20 | 23 | 206,880 | 0.11 |
| Aberdeenshire | 6 | 11 | 6 | 14 | 9 | 13 | 8 | 10 | 16 | 17 | 11 | 7 | 12 | 236,260 | 0.05 |
| Angus | 4 | 2 | 3 | 1 | 4 | 5 | 8 | 8 | 11 | 3 | 8 | 2 | 8 | 109,320 | 0.07 |
| Argyll & Bute | 1 | 1 | 3 | 1 | 5 | 3 | 4 | 3 | 1 | 9 | 4 | 1 | 4 | 91,390 | 0.05 |
| Clackmannanshire | 2 | 0 | 0 | 0 | 7 | 2 | 5 | 3 | 7 | 5 | 4 | 1 | 5 | 48,900 | 0.10 |
| Dumfries & Galloway | 4 | 7 | 7 | 8 | 9 | 9 | 7 | 7 | 5 | 10 | 9 | 6 | 8 | 148,030 | 0.05 |
| Dundee City | 12 | 12 | 7 | 13 | 6 | 9 | 11 | 11 | 16 | 23 | 29 | 14 | 18 | 142,170 | 0.13 |
| East Ayrshire | 2 | 6 | 3 | 10 | 12 | 3 | 4 | 4 | 9 | 13 | 13 | 2 | 9 | 119,290 | 0.07 |
| East Dunbartonshire | 5 | 2 | 4 | 3 | 1 | 6 | 5 | 1 | 2 | 7 | 6 | 3 | 4 | 105,460 | 0.04 |
| East Lothian | 1 | 2 | 1 | 2 | 6 | 4 | 2 | 5 | 3 | 4 | 7 | 2 | 4 | 92,830 | 0.05 |
| East Renfrewshire | 3 | 3 | 4 | 3 | 5 | 3 | 5 | 1 | 3 | 3 | 6 | 2 | 4 | 89,290 | 0.04 |
| Edinburgh, City of | 29 | 25 | 28 | 39 | 27 | 26 | 17 | 41 | 30 | 43 | 66 | 32 | 39 | 463,510 | 0.09 |
| Eilean Siar | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 3 | 0 | 1 | 26,350 | 0.04 |
| Falkirk | 0 | 5 | 1 | 7 | 8 | 6 | 7 | 8 | 10 | 15 | 10 | 2 | 10 | 149,680 | 0.07 |
| Fife | 13 | 9 | 12 | 11 | 12 | 12 | 17 | 21 | 19 | 28 | 37 | 9 | 24 | 358,930 | 0.07 |
| Glasgow City | 83 | 91 | 96 | 84 | 111 | 93 | 106 | 75 | 113 | 90 | 121 | 82 | 101 | 580,690 | 0.17 |
| Highland | 1 | 7 | 1 | 5 | 8 | 7 | 8 | 10 | 11 | 7 | 20 | 3 | 11 | 215,310 | 0.05 |
| Inverclyde | 9 | 12 | 11 | 12 | 8 | 7 | 9 | 7 | 9 | 10 | 5 | 9 | 8 | 81,540 | 0.10 |
| Midlothian | 4 | 4 | 3 | 5 | 2 | 3 | 5 | 5 | 6 | 1 | 6 | 3 | 5 | 79,290 | 0.06 |
| Moray | 0 | 5 | 3 | 0 | 4 | 3 | 4 | 2 | 5 | 5 | 3 | 2 | 4 | 86,750 | 0.04 |
| North Ayrshire | 2 | 5 | 11 | 15 | 14 | 9 | 13 | 6 | 11 | 18 | 15 | 4 | 13 | 135,490 | 0.09 |
| North Lanarkshire | 12 | 11 | 18 | 12 | 28 | 22 | 20 | 25 | 24 | 27 | 30 | 11 | 25 | 323,780 | 0.08 |
| Orkney Islands | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 19,770 | 0.02 |
| Perth & Kinross | 7 | 0 | 4 | 5 | 4 | 5 | 4 | 7 | 8 | 3 | 16 | 5 | 8 | 140,190 | 0.05 |
| Renfrewshire | 10 | 11 | 11 | 5 | 9 | 11 | 14 | 10 | 17 | 21 | 27 | 9 | 18 | 169,590 | 0.10 |
| Scottish Borders | 1 | 0 | 1 | 1 | 0 | 2 | 2 | 7 | 2 | 4 | 7 | 1 | 4 | 110,240 | 0.04 |
| Shetland Islands | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 1 | 21,880 | 0.05 |
| South Ayrshire | 0 | 4 | 6 | 10 | 7 | 7 | 3 | 5 | 5 | 5 | 12 | 3 | 6 | 111,670 | 0.05 |
| South Lanarkshire | 11 | 17 | 12 | 16 | 14 | 8 | 17 | 16 | 22 | 31 | 23 | 11 | 22 | 307,670 | 0.07 |
| Stirling | 0 | 3 | 3 | 2 | 9 | 4 | 4 | 3 | 7 | 6 | 9 | 1 | 6 | 87,810 | 0.07 |
| West Dunbartonshire | 3 | 5 | 5 | 6 | 13 | 6 | 8 | 15 | 12 | 16 | 23 | 5 | 15 | 91,240 | 0.16 |
| West Lothian | 3 | 8 | 5 | 8 | 4 | 7 | 12 | 7 | 7 | 6 | 15 | 6 | 9 | 165,700 | 0.06 |

Table C2: Drug-related deaths by cause of death and Council area, 2008

| Council area | All categories | Cause of death category (ICD10 codes) | | | | |
|---------------------|----------------|---------------------------------------|----------------------|----------------------------|------------------------|---------------------|
| | | Drug abuse | Accidental poisoning | Intentional self-poisoning | Assault by drugs, etc. | Undetermined intent |
| | | (F11-F16, F19) | (X40-X44) | (X60-X64) | (X85) | (Y10-Y14) |
| Scotland | 574 | 370 | 59 | 34 | 0 | 111 |
| Aberdeen City | 27 | 20 | 1 | 3 | 0 | 3 |
| Aberdeenshire | 11 | 8 | 0 | 0 | 0 | 3 |
| Angus | 8 | 3 | 5 | 0 | 0 | 0 |
| Argyll & Bute | 4 | 2 | 0 | 0 | 0 | 2 |
| Clackmannanshire | 4 | 3 | 1 | 0 | 0 | 0 |
| Dumfries & Galloway | 9 | 6 | 1 | 0 | 0 | 2 |
| Dundee City | 29 | 11 | 16 | 0 | 0 | 2 |
| East Ayrshire | 13 | 9 | 0 | 1 | 0 | 3 |
| East Dunbartonshire | 6 | 3 | 0 | 0 | 0 | 3 |
| East Lothian | 7 | 6 | 0 | 0 | 0 | 1 |
| East Renfrewshire | 6 | 2 | 1 | 0 | 0 | 3 |
| Edinburgh, City of | 66 | 46 | 0 | 4 | 0 | 16 |
| Eilean Siar | 3 | 2 | 0 | 0 | 0 | 1 |
| Falkirk | 10 | 5 | 3 | 1 | 0 | 1 |
| Fife | 37 | 15 | 15 | 4 | 0 | 3 |
| Glasgow City | 121 | 90 | 0 | 4 | 0 | 27 |
| Highland | 20 | 11 | 1 | 4 | 0 | 4 |
| Inverclyde | 5 | 2 | 0 | 0 | 0 | 3 |
| Midlothian | 6 | 5 | 0 | 0 | 0 | 1 |
| Moray | 3 | 3 | 0 | 0 | 0 | 0 |
| North Ayrshire | 15 | 12 | 1 | 1 | 0 | 1 |
| North Lanarkshire | 30 | 22 | 0 | 2 | 0 | 6 |
| Orkney Islands | 1 | 1 | 0 | 0 | 0 | 0 |
| Perth & Kinross | 16 | 4 | 9 | 0 | 0 | 3 |
| Renfrewshire | 27 | 20 | 0 | 1 | 0 | 6 |
| Scottish Borders | 7 | 7 | 0 | 0 | 0 | 0 |
| Shetland Islands | 1 | 1 | 0 | 0 | 0 | 0 |
| South Ayrshire | 12 | 8 | 0 | 3 | 0 | 1 |
| South Lanarkshire | 23 | 18 | 0 | 2 | 0 | 3 |
| Stirling | 9 | 4 | 4 | 0 | 0 | 1 |
| West Dunbartonshire | 23 | 12 | 0 | 3 | 0 | 8 |
| West Lothian | 15 | 9 | 1 | 1 | 0 | 4 |

Table C3: Drug-related deaths by selected drugs reported¹ and Council area, 2008

| Council area | Heroin / morphine ² | Methadone | Benzodiazepines | | | Cocaine | Ecstasy | Amphetamines | Alcohol |
|---------------------|--------------------------------|------------|---------------------|------------------------------|-----------|-----------|----------|--------------|------------|
| | | | Any benzo-diazepine | <i>of which:</i> Diazepam | Temazepam | | | | |
| Scotland | 336 | 181 | 364 | 317 | 12 | 79 | 7 | 12 | 273 |
| Aberdeen City | 20 | 10 | 19 | 1 | 0 | 12 | 1 | 1 | 14 |
| Aberdeenshire | 8 | 2 | 8 | 1 | 0 | 3 | 0 | 0 | 6 |
| Angus | 3 | 1 | 1 | 1 | 0 | 2 | 0 | 1 | 4 |
| Argyll & Bute | 4 | 1 | 3 | 3 | 0 | 1 | 0 | 0 | 1 |
| Clackmannanshire | 3 | 1 | 4 | 4 | 0 | 0 | 0 | 0 | 2 |
| Dumfries & Galloway | 5 | 4 | 4 | 4 | 0 | 1 | 0 | 0 | 5 |
| Dundee City | 22 | 5 | 8 | 8 | 0 | 1 | 0 | 0 | 6 |
| East Ayrshire | 10 | 4 | 8 | 7 | 1 | 2 | 0 | 0 | 8 |
| East Dunbartonshire | 3 | 2 | 3 | 3 | 0 | 2 | 0 | 0 | 3 |
| East Lothian | 0 | 5 | 4 | 4 | 0 | 0 | 0 | 0 | 2 |
| East Renfrewshire | 3 | 1 | 4 | 4 | 0 | 2 | 0 | 1 | 4 |
| Edinburgh, City of | 21 | 25 | 44 | 42 | 2 | 5 | 0 | 1 | 31 |
| Eilean Siar | 1 | 0 | 3 | 2 | 0 | 1 | 0 | 0 | 1 |
| Falkirk | 6 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 3 |
| Fife | 24 | 9 | 13 | 12 | 1 | 3 | 2 | 2 | 16 |
| Glasgow City | 75 | 52 | 95 | 93 | 3 | 21 | 2 | 2 | 64 |
| Highland | 9 | 5 | 10 | 5 | 1 | 1 | 0 | 0 | 6 |
| Inverclyde | 2 | 3 | 5 | 5 | 0 | 0 | 0 | 0 | 3 |
| Midlothian | 4 | 1 | 6 | 5 | 0 | 0 | 0 | 0 | 2 |
| Moray | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 2 |
| North Ayrshire | 10 | 6 | 13 | 12 | 0 | 2 | 0 | 0 | 9 |
| North Lanarkshire | 20 | 6 | 22 | 22 | 0 | 5 | 0 | 0 | 17 |
| Orkney Islands | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Perth & Kinross | 11 | 2 | 3 | 3 | 0 | 2 | 0 | 0 | 6 |
| Renfrewshire | 18 | 8 | 24 | 23 | 0 | 5 | 0 | 0 | 16 |
| Scottish Borders | 3 | 0 | 2 | 2 | 0 | 1 | 0 | 0 | 2 |
| Shetland Islands | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| South Ayrshire | 5 | 5 | 8 | 6 | 2 | 1 | 0 | 3 | 4 |
| South Lanarkshire | 17 | 9 | 16 | 16 | 0 | 1 | 1 | 0 | 13 |
| Stirling | 9 | 1 | 5 | 4 | 0 | 1 | 0 | 0 | 3 |
| West Dunbartonshire | 12 | 6 | 18 | 16 | 1 | 3 | 0 | 1 | 13 |
| West Lothian | 6 | 3 | 8 | 7 | 1 | 1 | 0 | 0 | 5 |

1. More than one drug may be reported per death. These are mentions of each drug, and should not be added to give total deaths.

Up to 2007, some pathologists reported only those drugs which they thought caused, or contributed to, the death

With effect from 2008, pathologists were asked to report all the drugs which were found to be present in the body

There may be other differences between years and/or areas in the way in which the information was produced - see Section 2

2. See paragraph 3.3.1 of commentary.

**Table X: Drug-related deaths in Scotland -
different definitions, 1996 to 2008**

| Year | this paper (based on UK Drug Strategy "baseline" definition) | ONS "wide" definition | EMCDDA "general mortality register" definition |
|-------------|---|----------------------------------|---|
| 1996 | 244 | 460 | 208 |
| 1997 | 224 | 447 | 188 |
| 1998 | 249 | 449 | 230 |
| 1999 | 291 | 492 | 272 |
| 2000 | 292 | 495 | 318 |
| 2001 | 332 | 551 | 376 |
| 2002 | 382 | 566 | 417 |
| 2003 | 317 | 493 | 331 |
| 2004 | 356 | 546 | 387 |
| 2005 | 336 | 480 | 352 |
| 2006 | 421 | 578 | 416 |
| 2007 | 455 | 630 | 450 |
| 2008 | 574 | 737 | 556 |

Figure 2 Drug-related deaths in Scotland: different definitions

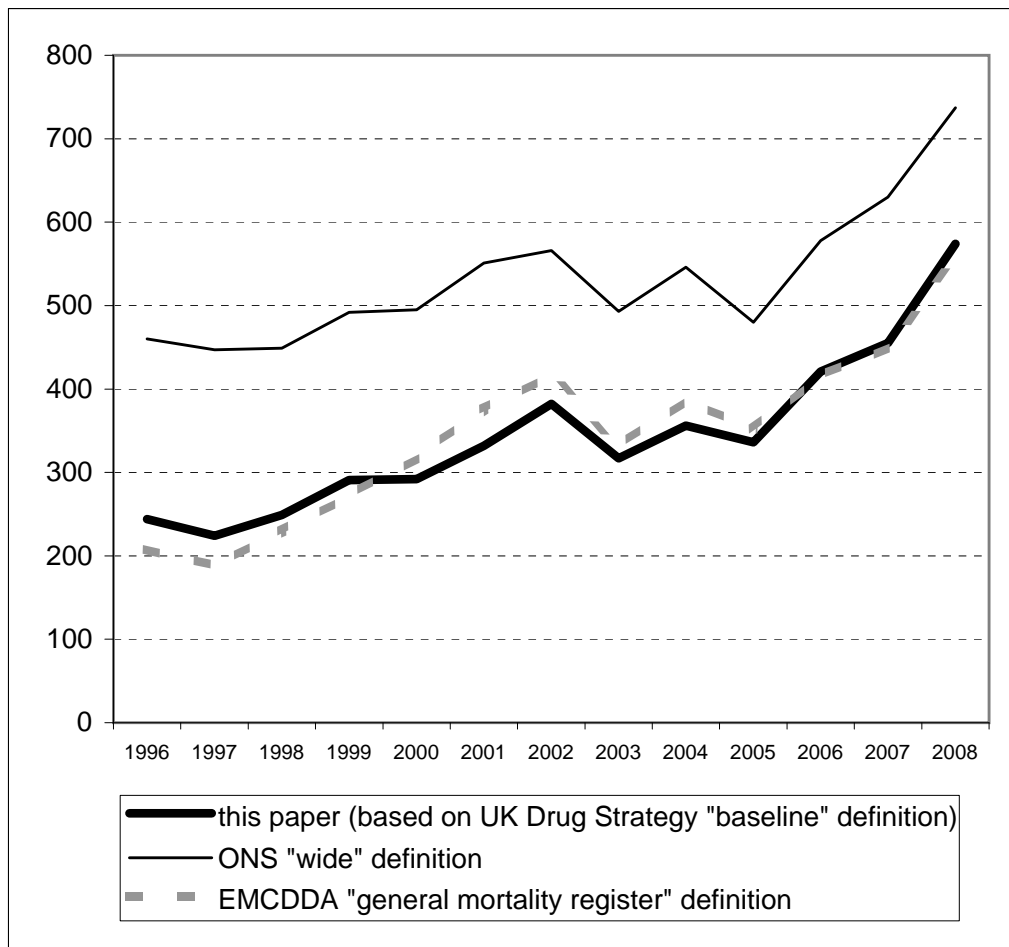


Table Y: Drug-related deaths, on the basis of the ONS "wide" definition, by selected drugs reported, 2000 to 2008

| Drugs ^{1,2} | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| All drug-related deaths (on the "wide" definition) | 495 | 551 | 566 | 493 | 546 | 480 | 577 | 630 | 737 |
| Amphetamines | 3 | 5 | 13 | 10 | 10 | 11 | 11 | 12 | 13 |
| Anti-depressants ³ | 78 | 93 | 82 | 83 | 86 | 67 | 93 | 84 | 150 |
| Anti-psychotics ⁴ | 12 | 10 | 8 | 8 | 11 | 5 | 21 | 26 | 39 |
| Benzodiazepines ⁵ | 165 | 185 | 248 | 189 | 140 | 110 | 94 | 109 | 370 |
| Cannabis | 24 | 23 | 35 | 21 | 5 | 6 | 3 | 8 | 44 |
| Cocaine | 4 | 20 | 31 | 30 | 38 | 44 | 33 | 47 | 84 |
| Diazepam | 147 | 159 | 217 | 154 | 113 | 90 | 78 | 79 | 323 |
| Ecstasy-type | 12 | 21 | 20 | 15 | 17 | 10 | 12 | 12 | 7 |
| Heroin/diamorphine or Morphine ⁶ | 218 | 221 | 250 | 176 | 226 | 194 | 260 | 291 | 339 |
| Methadone | 56 | 71 | 100 | 91 | 80 | 71 | 96 | 115 | 186 |
| Paracetamol or a compound ⁷ | 120 | 127 | 117 | 85 | 107 | 62 | 53 | 56 | 73 |
| Temazepam | 39 | 20 | 16 | 37 | 5 | 7 | 9 | 4 | 12 |
| Tramadol | 1 | 8 | 6 | 15 | 11 | 16 | 17 | 26 | 35 |
| Alcohol | 164 | 186 | 190 | 168 | 145 | 134 | 151 | 181 | 308 |

1. More than one drug may be reported per death. These are mentions of each drug, so do not add up to the overall total.

Up to 2007, some pathologists reported only those drugs which they thought caused, or contributed to, the death
With effect from 2008, pathologists were asked to report all the drugs which were found to be present in the body.

This accounts for most (if not all) of the apparent large increases for (e.g.) benzodiazepines, diazepam and alcohol.

There may be other differences between years and/or areas in the way in which the information was produced - see Section 2.

2. The figures for some of the "controlled" drugs may differ slightly from those given in earlier tables for two reasons.

First, they were produced from GROS's new database, rather than the old database (see paragraph A4).

Second, a small proportion of the deaths which involved controlled drugs were excluded from the figures which appear in the earlier tables, for reasons such as those given in paragraph A3.

3. e.g. amitriptyline, citalopram, dothiepin, fluoxetine, prothiaden

4. e.g. chlorpromazine, clozapine, olanzapine

5. including diazepam and temazepam (which appear separately below)

6. see paragraph 3.3.1 of commentary.

7. e.g. co-codamol or co-proxamol, or mention of dextropropoxyphene or propoxyphene (even if there is no mention of paracetamol or a compound analgesic)