|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **All sites - mortality** |  | **Period 1** | **Period 2** | **Period 3** | **Period 4** | **AAPC[[1]](#endnote-1)** [CI]c |
|  |  | Years | APC[[2]](#endnote-2) [CI][[3]](#endnote-3) | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c |  |
| **Poland** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2003 | 0.80\* [0.5;1.1] | 2003-2019 | -1.28\* [-1.5;-1.1] | - | - | - | - | -0.4\* [-0.5;-0.2] |
|  | Female | 1990-2002 | 0.53\* [0.3;0.8] | 2002-2019 | -0.59\* [-0.7;-0.4] | - | - | - | - | -0.1 [-0.3;0.0] |
| **Austria** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2019 | -1.54\* [-1.6;-1.5] | - | - | - | - | - | - | -1.5\* [-1.6;-1.5] |
|  | Female | 1990-2019 | -1.16\* [-1.2;-1.1] | - | - | - | - | - | - | -1.2\* [-1.2;-1.1] |
| **Czechia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2003 | -0.64\* [-1.0;-0.3] | 2003-2017 | -2.61\* [-2.9;-2.3] | - | - | - | - | -1.6\* [-1.9;-1.5] |
|  | Female | 1990-2002 | -0.50\* [-0.8;-0.2] | 2002-2017 | -2.02\* [-2.2;-1.8] | - | - | - | - | -1.3\* [-1.5;-1.2] |
| **Denmark** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2019 | -1.38\* [-1.5;-1.3] | - | - | - | - | - | - | -1.4\* [-1.5;-1.3] |
|  | Female | 1990-1999 | -0.15 [-0.6;0.3] | 1999-2019 | -1.70\* [-1.8;-1.6] | - | - | - | - | -1.2\* [-1.4;-1.1] |
| **Estonia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2005 | 0.59\* [0.3;0.8] | 2005-2018 | -0.46\* [-0.9;-0.1] | - | - | - | - | -0.1 [-0.1;0.3] |
|  | Female | 1990-2018 | -0.15\* [-0.2;-0.1] | - | - | - | - | - | - | -0.1\* [-0.2;-0.1] |
| **Latvia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2006 | 1.11\* [0.6;1.6] | 2006-2017 | -0.36 [-0.8;0.0] | - | - | - | - | 0.3\* [0.1;0.6] |
|  | Female | 1996-2017 | 0.14 [-0.0;0.3] | - | - | - | - | - | - | 0.1 [-0.0;0.3] |
| **Lithuania** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2009 | 0.63\* [0.5;0.8]  | 2009-2017 | -1.24\* [-1.9;-0.6] | - | - | - | - | 0.1 [-0.1;0.3] |
|  | Female | 1990-2000 | 0.44\* [0.0;0.9] | 2000-2017 | -0.53\* [-0.7;-0.3] | - | - | - | - | -0.2 [-0.4;0.0] |
| **Slovakia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2019 | -0.85\* [-1.1;-0.6] | - | - | - | - | - | - | -0.8\* [-1.1;-0.6] |
|  | Female | 1996-2019 | -0.32\* [-0.5;-0.1] | - | - | - | - | - | - | -0.3\* [-0.5;-0.1] |
| **Slovenia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2018 | -0.97\* [-1.1;-0.8] | - | - | - | - | - | - | -1.0\* [-1.1;-0.8] |
|  | Female | 1990-2018 | -0.57\* [-0.7;-0.5] | - | - | - | - | - | - | -0.6\* [-0.7;-0.5] |
| **Sweden** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2003 | -0.43\* [-0.6;-0.2] | 2003-2019 | -1.58\* [-1.7;-1.4] | - | - | - | - | -1.1\* [-1.2;-0.9] |
|  | Female | 1990-2005 | -0.26\* [-0.4;-0.1] | 2005-2019 | -1.21\* [-1.4;-1.0] | - | - | - | - | -0.7\* [-0.8;-0.6] |

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| **Colorectum (C18-C21) - mortality** |  | **Period 1** | **Period 2** | **Period 3** | **Period 4** | **AAPCa**[CI]c |
|  |  | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | APCb [CI]c |
| **Poland** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2003 | 2.72\* [2.4;3.0] | 2003-2019 | 0.49\* [0.3;0.7] | - | - | - | - | 1.5\* [1.3;1.7] |
|  | Female | 1990-2000 | 1.50\* [0.9;2.1] | 2000-2019 | -0.56\* [-0.8;-0.4] | - | - | - | - | 0.1 [-0.1;0.4] |
| **Austria** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2019 | -2.68\*[-2.9;-2.5] |  |  |  |  | - | - | -2.7\* [-2.9;-2.5] |
|  | Female | 1990-2019 | -3.03\*[-3.2;-2.9] |  |  |  |  | - | - | -3.0\* [-3.2;-2.9] |
| **Czechia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2002 | 0.62\* [0.2;1.1] | 2002-2018 | -3.69\* [-4.0;-3.4] | - | - | - | - | -1.9\* [-2.1;-1.6] |
|  | Female | 1990-2002 | -0.46\*[-0.8;-0.1] | 2002-2018 | -3.66\* [-3.9;-3.4] | - | - | - | - | -2.3\* [-2.5;-2.1] |
| **Denmark** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2019 | -1.95\* [-2.2;-1.7] | - | - | - | - | - | - | -2.0\* [-2.2;-1.7] |
|  | Female | 1990-2010 | -2.02\* [-2.3;-1.8] | - | - | - | - | - | - | -2.0\* [-2.3;-1.8] |
| **Estonia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2018 | 0.85\* [0.6;1.2] | - | - | - | - | - | - | 0.9\* [0.6;1.2] |
|  | Female | 1990-2018 | -0.29\* [-0.6;-0.0] | - | - | - | - | - | - | -0.3\* [-0.6;-0.0] |
| **Latvia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2011 | 0.91\* [0.3;1.5] | 2011-2017 | -1.71 [-4.0;0.6] | - | - | - | - | 0.2 [-0.6;0.9] |
|  | Female | 1996-2017 | -0.66\* [-1.2;-0.2] | - | - | - | - | - | - | -0.7\* [-1.2;-0.2] |
| **Lithuania** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2010 | 1.34\* [0.9;1.8] | 2010-2017 | -2.03 [-4.1;0.0] | - | - | - | - | 0.5 [-0.1;1.1] |
|  | Female | 1990-2017 | -0.44\* [-0.7;-0.2] | - | - | - | - | - | - | -0.4\* [-0.7;-0.2] |
| **Slovakia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2001 | 2.22 [-1.4;5.9] | 2001-2019 | -0.83\* [1.3;-0.3] | - | - | - | - | -0.2 [-1.0;0.6] |
|  | Female | 1996-2019 | -1.29\* [-1.9;-0.7] | - | - | - | - | - | - | -1.3\* [-1.9;-0.7] |
| **Slovenia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2009 | 0.27 [-0.3;0.9] | 2009-2018 | -3.35\* [-5.1;-1.6] | - | - | - | - | 0.9\* [-1.6;-0.2] |
|  | Female | 1990-2011 | -0.81\* [-1.3;-0.4] | 2011-2018 | -3.95\* [-6.2;-1.6] | - | - | - | - | -1.6\* [-2.2;-1.0] |
| **Sweden** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2014 | -0.71\* [-0.9;-0.5] | 2014-2019 | -2.54\* [-4.2;-0.8] | - | - | - | - | -1.0\* [-1.3;-0.7] |
|  | Female | 1990-2019 | -0.78\* [-1.0;-0.6] | - | - | - | - | - | - | -0.8\* [-1.0;-0.6] |

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| **Lung (C34) -mortality** |  | **Period 1** | **Period 2** | **Period 3** | **Period 4** | **AAPCa**[CI]c |
|  |  | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | APCb [CI]c |
| **Poland** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2005 | 0.13 [-0.1;0.3] | 2005-2019 | -2.42\* [-2.7;-2.2] | - | - | - | - | -1.1\* [-1.3;-1.0] |
|  | Female | 1990-2019 | 2.46\* [2.3;2.6] | - | - | - | - | - | - | 2.5\* [2.3;2.6] |
| **Austria** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2019 | -1.98\* [-2.1;-1.9] | - | - | - | - | - | - | -2.0\* [-2.1;-1.9] |
|  | Female | 1990-2019 | 1.69\* [1.5;1.8] | - | - | - | - | - | - | 1.7\* [1.5;1.8] |
| **Czechia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-1999 | -1.38\* [-2.0;-0.8] | 1999-2018 | -3.00\* [-3.2;-2.8] | - | - | - | - | -2.5\* [-2.7;-2.3] |
|  | Female | 1990-1999 | 3.71\* [2.7;4.7] | 1999-2018 | 1.08\* [0.8;1.4] | - | - | - | - | 1.9\* [1.6;2.3] |
| **Denmark** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2014 | -1.90\* [-2.1;-1.7] | 2014-2019 | -5.03\* [-7.2;-2.8] | - | - | - | - | -2.4\* [-2.8;-2.0] |
|  | Female | 1990-2009 | 0.96\* [0.6;1.3] | 2009-2019 | -2.29\* [-3.2;-1.4] | - | - | - | - | -0.2 [-0.5;0.2] |
| **Estonia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2018 | -1.06\* [-1.3;-0.8] | - | - | - | - | - | - | -1.1\* [-1.3;-0.8] |
|  | Female | 1990-2018 | 1.20\* [0.9;1.5] | - | - | - | - | - | - | 1.2\* [0.9;1.5] |
| **Latvia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2017 | -0.89\* [-1.3;-0.5] | - | - | - | - | - | - | -0.9\* [-1.3;-0.5] |
|  | Female | 1996-2017 | 0.68\* [0.1;1.3] | - | - | - | - | - | - | 0.7\* [0.1;1.3] |
| **Lithuania** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2011 | -0.70\* [-0.9;-0.5] | 2011-2017 | -2.86\* [-4.3;-1.4] | - | - | - | - | -1.2\* [-1.5;-0.8] |
|  | Female | 1990-2017 | 0.34 [-0.1;0.8] |  |  | - | - | - | - | 0.3 [-0.1;0.8] |
| **Slovakia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2019 | -2.05\* [-2.3;-1.8] | - | - | - | - | - | - | -2.0\* [-2.3;-1.8] |
|  | Female | 1996-2019 | 1.77\* [1.4;2.1] | - | - | - | - | - | - | 1.8\* [1.4;2.1] |
| **Slovenia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2018 | -1.95\* [-2.2;-1.7] | - | - | - | - | - | - | -1.9\* [-2.2;-1.7] |
|  | Female | 1990-2018 | 2.66\*  | - | - | - | - | - | - | 2.7\* |
| **Sweden** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2011 | -1.12\* [-1.3;-0.9] | 2011-2019 | -3.81\* [-4.6;-3.1] | - | - | - | - | -1.9\* [-2.1;-1.6] |
|  | Female | 1990-2006 | 2.94\* [2.6;3.3] | 2006-2019 | -0.80\* [-1.3;-0.3] | - | - | - | - | 1.2\* [1.0;1.5] |

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| **Breast (C50) -mortality** |  | **Period 1** | **Period 2** | **Period 3** | **Period 4** | **AAPCa**[CI]c |
|  |  | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | APCb [CI]c |
| **Poland** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1900-2013 | -0.18\* [-0.3;-0.0] | 2013-2019 | 3.27\* [2.0;4.6] | - | - | - | - | 0.5\* [0.2;0.8] |
| **Austria** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1990-2011 | -1.83\* [-2.0;-1.7] | 2011-2019 | -0.56 [-1.3;0.2] | - | - | - | - | -1.5\* [-1.7;-1.3] |
| **Czechia** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1990-1995 | 2.69\* [0.6;4.9] | 1995-2018 | -2.36\* [-2.6;-2.2] | - | - | - | - | -1.5\* [-1.9;-1.1] |
| **Denmark** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1990-2019 | -2.31\* [-2.6;-2.1] | - | - | - | - | - | - | -2.3\* [-2.6;-2.1] |
| **Estonia** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1990-1998 | 2.11 [-0.1;4.4] | 1998-2018 | -0.98\* [-1.5;0.4] | - | - | - | - | -0.1 [-0.8;0.6] |
| **Latvia** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1996-2017 | 0.33\* [0.0;0.6] | - | - | - | - | - | - | 0.3\* [0.0;0.6] |
| **Lithuania** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1900-1996 | 2.60 [-0.0;5.3] | 1996-2017 | -0.71\* [-1.1;-0.3] | - | - | - | - | 0.0 [-0.6;0.6] |
| **Slovakia** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1996-2008 | -1.41\* [-2.4;-0.4] | 2008-2019 | 1.92\* [0.7;3.2] | - | - | - | - | 0.2 [-0.6;0.9] |
| **Slovenia** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1990-2018 | -1.56\* [-1.8;-1.3] | - | - | - | - | - | - | -1.6\* [-1.8;-1.3] |
| **Sweden** |  |  |  |  |  |  |  |  |  |  |
|  | Female | 1990-2019 | -1.61\* [-1.8;-1.5] | - | - | - | - | - | - | -1.6\* [-1.8;-1.5] |

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| **Prostate (C61) -mortality** |  | **Period 1** | **Period 2** | **Period 3** | **Period 4** | **AAPCa**[CI]c |
|  |  | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | Years | APCb [CI]c | APCb [CI]c |
| **Poland** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2002 | 3.91\* [3.4;4.4] | 2002-2013 | -0.63 [-1.3;00.0] | 2013-2019 | 2.62\* [1.2;4.1] | - | - | 1.9\* [1.5;2.3] |
| **Austria** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-1999 | -0.54 [-1.9;0.8] | 1999-2019 | -2.89\* [-3.3;-2.5] | - | - | - | - | -2.2\* [-2.6;-1.7] |
| **Czechia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2001 | 2.75\* [1.8;3.7] | 2001-2018 | -2.44\* [-2.9;-2.0] | - | - | - | - | -0.4\* [-0.9;-0.0] |
| **Denmark** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2002 | 0.51 [-0.1;1.2] | 2002-2019 | -1.55\* [-1.9;-1.2] | - | - | - | - | 0.7\* [-1.0;-0.4] |
| **Estonia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2000 | 6.30\* [4.1;8.6] | 2000-2016 | 1.06\* [0.2;2.0] | - | - | - | - | 2.9\* [2.0;3.8] |
| **Latvia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2006 | 7.24\* [5.1;9.5] | 2006-2017 | -1.69 [-3.4;0.1] | - | - | - | - | 2.5\*[1.2;3.8] |
| **Lithuania** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2007 | 3.92\* [3.3;4.5] | 2007-2017 | -1.91\* [-3.2;-0.6] | - | - | - | - | 1.7\* [1.1;2.3] |
| **Slovakia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1996-2008 | -0.91[-2.0;0.2] | 2008-2014 | 3.08 [-1.1;7.4] | 2014-2019 | -1.33 [-5.3;2.8] | - | - | 0.0 [-1.4;1.4] |
| **Slovenia** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2002 | 3.10\* [1.9;4.3] | 2002-2018 | -1.38\* [-2.1;-0.6] | - | - | - | - | 0.5 [-0.1;1.1] |
| **Sweden** |  |  |  |  |  |  |  |  |  |  |
|  | Male | 1990-2003 | 0.30 [-0.1;0.7] | 2003-2019 | -2.63\* [-2.9;-2.4] | - | - | - | - | -1.3\* [-1.5;-1.1] |

1. Average Annual Percent Change [↑](#endnote-ref-1)
2. Annual Percent Change [↑](#endnote-ref-2)
3. Confidence interval. Structure: [Lower CI; Upper CI]

\* It indicates that the APC is significantly different from zero at the alpha = 0.05 level [↑](#endnote-ref-3)