

Web appendices for

# Public health successes and missed opportunities

Trends in alcohol consumption and attributable mortality in the WHO European Region, 1990–2014





**World Health  
Organization**

REGIONAL OFFICE FOR **Europe**

# **Web Appendices for**

## **Public health successes and missed opportunities**

Trends in alcohol consumption and attributable mortality in the WHO  
European Region, 1990–2014

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**Web Appendix 1. Recorded, unrecorded and total adult per capital alcohol consumption in WHO European Region Member States, 1990–2015 (in litres of pure alcohol)**

WHO European Region Member State									
Year	Albania			Armenia			Austria		
	R	U	T	R	U	T	R	U	T
1990	1.7	1.5	3.2	3.1	1.7	4.8	14.0	1.0	12.9
1991	1.6	1.6	3.2	2.9	1.7	4.5	14.8	1.0	13.5
1992	1.4	1.8	3.2	2.7	1.6	4.4	14.6	1.0	13.4
1993	1.9	1.9	3.8	3.2	1.6	4.8	14.1	1.0	12.9
1994	2.4	2.1	4.5	3.3	1.6	4.9	14.0	1.0	12.8
1995	2.9	2.2	5.2	3.4	1.6	5.0	13.9	1.0	12.7
1996	2.7	2.4	5.1	2.9	1.5	4.4	14.0	1.0	12.7
1997	2.3	2.5	4.8	2.6	1.5	4.1	13.8	1.0	12.5
1998	2.0	2.7	4.7	2.3	1.5	3.8	13.5	1.0	12.3
1999	2.5	2.8	5.3	2.3	1.5	3.8	13.5	1.0	12.3
2000	3.4	3.0	6.4	2.6	1.4	4.1	12.8	1.0	11.6
2001	3.9	2.9	6.8	2.9	1.4	4.3	13.0	1.0	11.7
2002	4.1	2.8	6.9	2.9	1.5	4.4	12.7	0.9	11.4
2003	4.2	2.7	6.9	3.2	1.5	4.6	12.6	0.9	11.2
2004	4.7	2.6	7.3	3.6	1.5	5.1	12.6	0.8	11.2
2005	5.0	2.6	7.6	3.9	1.5	5.4	12.7	0.8	11.2
2006	5.4	2.5	7.8	4.0	1.5	5.5	12.8	0.8	11.2
2007	5.5	2.4	7.9	3.9	1.5	5.4	12.7	0.7	11.1
2008	5.7	2.3	7.9	3.9	1.5	5.4	12.5	0.7	10.8
2009	5.6	2.2	7.6	3.9	1.5	5.4	12.3	0.6	10.7
2010	5.5	2.1	7.4	4.1	1.5	5.6	11.8	0.6	10.2
2011	5.3	2.0	7.0	3.6	1.5	5.1	12.3	0.6	10.5
2012	5.1	1.9	6.6	3.5	1.4	5.0	12.0	0.6	10.2
2013	4.8	1.9	6.3	3.7	1.4	5.1	12.1	0.6	10.2
2014	4.7	1.8	6.0	3.8	1.4	5.2	11.8	0.6	9.9

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions



Web Appendix 1 contd

WHO European Region Member State									
Year	Azerbaijan			Belarus			Belgium		
	R	U	T	R	U	T	R	U	T
1990	2.9	1.4	4.4	8.2	5.5	13.7	11.7	0.6	12.3
1991	3.4	1.7	5.0	8.5	5.3	13.8	11.8	0.6	12.3
1992	3.4	1.7	5.0	9.3	5.2	14.5	11.6	0.6	12.2
1993	2.9	1.4	4.3	9.6	5.1	14.7	11.5	0.6	12.1
1994	1.8	0.9	2.7	9.8	4.9	14.7	11.3	0.6	11.8
1995	1.3	0.7	2.0	9.9	4.8	14.7	11.0	0.6	11.6
1996	1.1	0.6	1.7	10.3	4.6	14.9	11.0	0.6	11.5
1997	1.3	0.6	1.9	11.1	4.5	15.5	10.6	0.6	11.2
1998	1.2	0.6	1.8	11.8	4.3	16.2	10.3	0.6	10.9
1999	1.2	0.6	1.7	12.3	4.2	16.5	10.3	0.6	10.8
2000	1.8	0.9	2.7	12.1	4.0	16.2	10.8	0.6	11.3
2001	0.6	0.3	0.8	11.8	4.0	15.7	10.9	0.6	11.4
2002	0.5	0.3	0.8	11.4	3.9	15.3	10.9	0.6	11.5
2003	0.6	0.3	0.9	11.8	3.8	15.6	11.0	0.5	11.6
2004	0.6	0.3	0.9	11.4	3.7	15.1	11.0	0.5	11.5
2005	0.7	0.4	1.1	11.9	3.6	15.5	10.9	0.5	11.4
2006	0.9	0.4	1.3	12.6	3.5	16.2	10.6	0.5	11.1
2007	1.0	0.5	1.5	13.8	3.5	17.3	10.5	0.5	11.0
2008	1.4	0.7	2.2	14.3	3.4	17.7	10.2	0.5	10.8
2009	1.8	0.9	2.6	14.4	3.3	17.7	10.2	0.5	10.8
2010	2.0	1.0	3.0	15.3	3.2	18.5	10.1	0.5	10.6
2011	2.0	1.0	3.0	16.1	3.2	19.3	10.1	0.5	10.7
2012	2.0	1.0	3.0	16.2	3.1	19.4	10.7	0.6	11.2
2013	2.1	1.0	3.1	15.4	3.1	18.5	11.5	0.6	12.1
2014	2.1	1.1	3.2	14.7	3.1	17.8	12.6	0.6	13.2

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Bosnia and Herzegovina			Bulgaria			Croatia		
	R	U	T	R	U	T	R	U	T
1990	—	—	—	10.8	1.2	12.0	13.5	2.2	15.7
1991	—	—	—	10.4	1.2	11.5	13.7	2.2	15.9
1992	2.3	1.3	3.6	9.8	1.2	11.0	12.1	2.2	14.4
1993	2.3	1.2	3.5	9.9	1.2	11.1	11.4	2.2	13.7
1994	2.3	1.2	3.5	9.7	1.1	10.8	11.3	2.2	13.5
1995	2.4	1.3	3.7	9.5	1.1	10.6	11.2	2.2	13.4
1996	2.6	1.4	4.0	8.9	1.1	10.0	11.7	2.2	14.0
1997	2.6	1.4	4.0	8.4	1.1	9.5	12.7	2.2	14.9
1998	2.6	1.4	4.0	7.9	1.1	9.0	13.1	2.2	15.3
1999	2.9	1.6	4.5	8.4	1.1	9.5	12.9	2.2	15.1
2000	3.3	1.8	5.1	9.4	1.0	10.4	12.7	2.2	14.5
2001	3.8	2.0	5.8	10.2	1.0	11.2	13.1	2.2	14.8
2002	3.9	2.1	6.1	10.7	1.1	11.8	13.4	2.2	15.1
2003	4.1	2.2	6.3	10.8	1.1	11.8	13.4	2.2	15.1
2004	4.3	2.3	6.6	10.9	1.1	11.9	12.8	2.1	14.4
2005	4.5	2.4	7.0	10.6	1.1	11.7	12.2	2.1	13.8
2006	4.8	2.6	7.5	10.6	1.1	11.7	12.0	2.1	13.5
2007	5.0	2.7	7.7	10.8	1.1	11.8	12.2	2.1	13.6
2008	5.0	2.7	7.7	10.9	1.1	12.0	12.3	2.0	13.7
2009	4.8	2.6	7.4	10.9	1.1	12.0	12.1	2.0	13.5
2010	4.6	2.5	7.1	10.8	1.1	11.9	12.2	2.0	13.5
2011	4.6	2.5	7.1	10.8	1.1	11.9	11.9	2.0	13.2
2012	4.5	2.4	6.9	11.2	1.2	12.4	12.0	1.9	13.2
2013	4.3	2.3	6.5	11.7	1.2	12.9	12.0	1.9	13.1
2014	4.1	2.2	6.3	12.0	1.2	13.2	11.1	1.8	12.2

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Cyprus			Czech Republic			Denmark		
	R	U	T	R	U	T	R	U	T
1990	9.3	0.9	9.6	13.2	1.2	14.4	11.8	2.0	13.8
1991	9.7	0.9	10.0	12.3	1.2	13.5	11.9	2.0	13.9
1992	9.7	0.9	10.0	12.5	1.2	13.7	11.9	2.0	13.9
1993	9.8	0.9	10.1	12.6	1.2	13.8	12.0	2.0	14.0
1994	9.5	0.9	9.8	12.4	1.3	13.7	12.1	2.0	14.1
1995	9.2	0.9	9.5	12.5	1.3	13.7	12.2	2.0	14.2
1996	8.8	0.9	9.2	12.7	1.3	13.9	12.2	2.0	14.2
1997	8.5	1.0	8.9	12.8	1.3	14.1	12.1	2.0	14.1
1998	8.6	1.0	9.1	13.0	1.3	14.2	11.8	2.0	13.8
1999	9.1	1.0	9.5	13.0	1.3	14.3	11.7	2.0	13.7
2000	9.6	1.0	10.0	13.7	1.3	14.9	11.6	2.0	13.6
2001	10.5	1.0	10.8	13.3	1.3	14.6	11.5	1.9	13.4
2002	10.8	1.0	11.2	13.3	1.3	14.5	11.5	1.8	13.3
2003	11.8	1.0	12.1	13.2	1.3	14.5	11.4	1.7	13.1
2004	11.7	1.0	12.0	13.1	1.2	14.4	11.4	1.6	13.0
2005	12.0	1.0	12.3	13.2	1.2	14.4	11.2	1.5	12.7
2006	11.5	1.0	11.8	13.2	1.2	14.5	11.1	1.4	12.5
2007	11.7	1.0	12.0	13.2	1.2	14.5	10.9	1.3	12.2
2008	11.5	1.0	11.8	13.3	1.2	14.5	10.6	1.2	11.8
2009	11.4	1.0	11.7	13.1	1.2	14.3	10.4	1.1	11.5
2010	10.9	1.0	11.3	12.8	1.2	14.0	10.3	1.0	11.3
2011	10.9	1.0	11.2	12.6	1.2	13.8	10.0	1.0	11.0
2012	10.7	1.0	11.1	12.5	1.2	13.7	9.7	1.0	10.7
2013	10.8	1.0	11.2	12.6	1.2	13.8	9.5	1.0	10.4
2014	11.3	1.0	11.6	12.7	1.2	13.9	9.6	0.9	10.6

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Estonia			Finland			France		
	R	U	T	R	U	T	R	U	T
1990	9.5	3.2	12.7	9.4	2.2	11.6	15.5	1.0	16.5
1991	8.9	3.2	12.1	9.2	2.2	11.4	15.1	1.0	16.1
1992	8.4	3.2	11.5	8.8	2.2	11.0	14.6	1.0	15.6
1993	8.0	3.2	11.2	8.5	2.1	10.6	14.4	1.0	15.4
1994	8.2	3.1	11.3	8.3	2.1	10.4	14.2	1.0	15.2
1995	8.1	3.1	11.2	8.2	2.1	10.3	14.0	1.0	15.0
1996	8.2	3.1	11.3	8.4	2.1	10.4	13.7	1.0	14.7
1997	8.1	3.1	11.2	8.5	2.1	10.5	13.5	1.0	14.5
1998	8.4	3.0	11.4	8.6	2.0	10.6	13.2	1.0	14.2
1999	8.4	3.0	11.4	8.6	2.0	10.6	13.5	1.0	14.5
2000	8.8	3.0	11.8	8.7	2.0	10.7	13.6	1.0	14.6
2001	9.7	2.8	12.5	8.9	2.0	11.0	13.9	1.0	14.9
2002	10.8	2.6	13.3	9.2	2.1	11.2	13.7	0.9	14.6
2003	12.7	2.3	15.1	9.5	2.1	11.6	13.5	0.9	14.3
2004	14.1	2.1	15.2	9.7	2.1	11.8	13.1	0.8	13.9
2005	15.7	1.9	15.6	10.0	2.2	12.1	12.7	0.8	13.5
2006	16.7	1.7	16.1	10.2	2.2	12.4	12.5	0.7	13.2
2007	17.1	1.5	16.2	10.3	2.2	12.5	12.4	0.7	13.1
2008	16.6	1.2	15.2	10.2	2.2	12.5	12.4	0.6	13.0
2009	15.7	1.0	13.6	10.0	2.3	12.3	12.1	0.6	12.7
2010	15.4	0.8	12.7	9.8	2.3	12.1	11.8	0.5	12.3
2011	16.1	0.9	13.5	9.6	2.2	11.8	11.7	0.5	12.2
2012	17.0	1.1	14.5	9.3	2.2	11.5	11.5	0.5	12.0
2013	17.3	1.2	15.0	9.1	2.1	11.2	11.4	0.5	11.9
2014	17.8	1.4	15.6	8.8	2.1	10.9	11.5	0.5	12.0

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Georgia			Germany			Greece		
	R	U	T	R	U	T	R	U	T
1990	4.0	1.3	5.3	14.5	1.0	15.5	10.2	2.3	12.5
1991	4.9	1.3	6.3	13.5	1.0	14.5	10.2	2.3	12.4
1992	5.5	1.4	6.9	13.8	1.0	14.8	10.3	2.2	12.5
1993	6.2	1.5	7.7	13.6	1.0	14.6	10.4	2.2	12.6
1994	5.1	1.6	6.6	13.4	1.0	14.4	10.4	2.2	12.6
1995	4.1	1.6	5.7	13.3	1.0	14.3	10.1	2.2	12.2
1996	3.2	1.7	4.9	13.2	1.0	14.2	9.8	2.1	11.9
1997	2.7	1.8	4.5	13.0	1.0	14.0	9.4	2.1	11.5
1998	2.3	1.9	4.1	12.8	1.0	13.8	9.3	2.1	11.4
1999	2.5	1.9	4.4	12.8	1.0	13.8	9.0	2.0	11.0
2000	2.7	2.0	4.7	12.7	1.0	13.7	8.9	2.0	10.9
2001	2.9	2.0	4.9	12.5	1.0	13.5	8.4	2.0	10.4
2002	2.9	2.1	5.0	12.2	0.9	13.1	8.7	2.0	10.7
2003	3.3	2.1	5.4	12.0	0.9	12.9	9.0	2.0	11.0
2004	3.9	2.1	6.1	11.8	0.8	12.6	9.7	2.0	11.7
2005	4.9	2.2	7.0	11.8	0.8	12.6	9.6	2.0	11.6
2006	6.5	2.2	8.7	11.6	0.8	12.4	9.7	2.0	11.7
2007	7.3	2.2	9.5	11.5	0.7	12.3	9.5	2.0	11.5
2008	7.5	2.2	9.7	11.4	0.7	12.0	9.4	2.0	11.4
2009	7.0	2.3	9.3	11.3	0.6	11.9	9.2	2.0	11.2
2010	7.3	2.3	9.6	11.2	0.6	11.8	8.7	2.0	10.7
2011	7.7	2.2	9.9	11.2	0.6	11.8	8.4	1.9	10.3
2012	7.3	2.1	9.3	11.1	0.6	11.7	7.9	1.9	9.7
2013	6.6	2.0	8.6	11.0	0.6	11.6	7.7	1.8	9.5
2014	5.9	1.9	7.8	11.0	0.6	11.6	7.4	1.7	9.2

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Hungary			Iceland			Ireland		
	R	U	T	R	U	T	R	U	T
1990	16.0	3.0	19.0	5.2	0.8	6.0	11.4	1.0	11.9
1991	15.5	3.0	18.5	4.9	0.9	5.8	12.3	1.0	12.8
1992	14.8	3.0	17.8	4.7	0.9	5.5	12.3	1.0	12.8
1993	14.2	3.0	17.2	4.5	0.9	5.4	12.5	1.0	13.0
1994	13.5	3.0	16.5	4.5	0.9	5.4	12.6	1.0	13.1
1995	12.9	3.0	15.9	4.7	0.9	5.6	13.1	1.0	13.5
1996	12.5	3.0	15.5	4.9	0.9	5.8	13.6	1.0	14.0
1997	12.6	3.0	15.6	5.1	1.0	6.1	14.1	1.0	14.5
1998	12.4	3.0	15.4	5.5	1.0	6.5	14.5	1.0	14.9
1999	12.3	3.0	15.3	5.8	1.0	6.8	14.5	1.0	14.9
2000	12.5	3.0	15.5	6.1	1.0	7.1	14.2	1.0	14.6
2001	12.7	2.9	15.6	6.4	1.0	7.2	14.2	1.0	14.5
2002	13.1	2.8	15.9	6.5	0.9	7.3	13.9	0.9	14.2
2003	13.1	2.7	15.8	6.7	0.9	7.4	13.6	0.9	13.9
2004	13.0	2.6	15.6	6.8	0.8	7.5	13.3	0.8	13.5
2005	13.1	2.5	15.6	7.0	0.8	7.6	13.4	0.8	13.6
2006	12.9	2.4	15.3	7.3	0.7	7.7	13.4	0.7	13.6
2007	12.5	2.3	14.8	7.7	0.7	8.1	13.2	0.7	13.3
2008	11.9	2.2	14.1	8.7	0.6	9.0	12.6	0.6	12.6
2009	11.3	2.1	13.4	9.0	0.6	9.1	12.0	0.6	12.0
2010	11.2	2.0	13.2	8.9	0.5	8.9	11.7	0.5	11.7
2011	11.2	2.0	13.2	8.1	0.5	8.1	11.7	0.5	11.7
2012	11.2	2.0	13.2	7.8	0.5	7.7	11.2	0.5	11.3
2013	11.0	2.0	13.0	7.5	0.4	7.4	10.9	0.5	10.9
2014	10.9	2.0	12.9	7.3	0.4	7.0	10.2	0.4	10.2

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Israel			Italy			Kazakhstan		
	R	U	T	R	U	T	R	U	T
1990	1.9	0.2	2.1	10.9	1.5	12.4	3.6	2.0	5.6
1991	1.8	0.2	2.0	10.8	1.5	12.3	3.5	1.8	5.3
1992	1.9	0.2	2.1	10.5	1.5	12.0	3.1	1.6	4.7
1993	1.9	0.2	2.1	10.3	1.5	11.8	3.0	1.5	4.5
1994	1.8	0.2	2.0	10.0	1.5	11.5	2.9	1.4	4.3
1995	1.6	0.2	1.9	9.6	1.5	11.1	3.0	1.4	4.4
1996	1.7	0.2	2.0	9.3	1.5	10.8	3.1	1.5	4.6
1997	1.9	0.3	2.2	9.1	1.5	10.6	3.3	1.5	4.7
1998	2.0	0.3	2.3	9.0	1.5	10.5	3.4	1.5	4.9
1999	2.2	0.3	2.5	9.2	1.5	10.7	4.3	1.9	6.2
2000	2.4	0.3	2.6	9.4	1.5	10.9	5.0	2.1	7.1
2001	2.5	0.3	2.8	9.6	1.4	11.0	5.9	2.5	8.4
2002	2.4	0.3	2.7	9.4	1.3	10.7	6.1	2.6	8.7
2003	2.3	0.3	2.6	9.2	1.2	10.3	6.4	2.7	9.1
2004	2.3	0.3	2.6	9.0	1.0	10.0	6.7	2.9	9.6
2005	2.3	0.3	2.6	8.7	0.9	9.6	6.9	2.9	9.8
2006	2.3	0.3	2.6	8.5	0.8	9.3	7.2	3.1	10.2
2007	2.3	0.3	2.6	8.3	0.7	9.0	7.4	3.2	10.5
2008	2.5	0.3	2.7	7.9	0.6	8.5	7.2	3.1	10.3
2009	2.6	0.3	2.8	7.4	0.5	7.9	7.0	3.0	10.0
2010	2.6	0.3	2.9	7.1	0.4	7.4	6.7	2.9	9.6
2011	2.7	0.3	3.0	7.1	0.4	7.5	6.8	2.8	9.6
2012	2.7	0.3	3.0	7.3	0.4	7.7	6.6	2.7	9.4
2013	2.7	0.3	3.0	7.4	0.5	7.8	6.5	2.6	9.1
2014	3.0	0.3	3.4	7.1	0.5	7.6	6.4	2.5	8.9

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Kyrgyzstan			Latvia			Lithuania		
	R	U	T	R	U	T	R	U	T
1990	3.6	2.4	6.1	7.0	2.3	9.3	7.8	4.2	12.0
1991	3.5	2.3	5.8	6.8	2.3	9.1	6.4	4.3	10.6
1992	3.1	2.1	5.2	7.2	2.4	9.6	5.3	4.3	9.6
1993	3.0	2.0	4.9	8.1	2.4	10.5	3.8	4.4	8.2
1994	2.9	1.9	4.8	8.9	2.4	11.3	4.5	4.5	9.0
1995	3.0	2.0	5.0	9.0	2.4	11.4	5.6	4.6	10.2
1996	2.3	1.5	3.8	8.6	2.4	11.0	6.9	4.6	11.5
1997	2.8	1.9	4.7	8.6	2.5	11.0	6.9	4.7	11.6
1998	2.6	1.7	4.3	8.7	2.5	11.2	6.8	4.8	11.6
1999	2.4	1.6	4.0	8.3	2.5	10.8	7.7	4.8	12.5
2000	2.2	1.4	3.6	7.6	2.5	10.1	9.0	4.9	13.9
2001	2.7	1.8	4.5	7.1	2.4	9.5	10.4	4.7	15.0
2002	3.2	2.1	5.3	7.5	2.4	9.8	10.8	4.4	15.3
2003	3.4	2.3	5.7	8.2	2.3	10.5	11.5	4.2	15.6
2004	3.3	2.2	5.4	9.0	2.2	11.2	11.9	3.9	15.8
2005	2.9	1.9	4.8	9.7	2.2	11.9	12.4	3.7	16.1
2006	2.7	1.8	4.5	10.8	2.1	12.9	12.8	3.5	16.3
2007	2.6	1.7	4.3	11.5	2.0	13.5	13.1	3.2	16.4
2008	2.6	1.7	4.3	11.3	1.9	13.2	13.0	3.0	16.0
2009	2.6	1.7	4.3	10.5	1.9	12.4	12.9	2.7	15.6
2010	2.8	1.9	4.7	9.9	1.8	11.7	12.7	2.5	15.2
2011	3.0	2.0	5.0	10.1	1.8	11.9	13.6	2.6	16.2
2012	3.0	2.0	5.0	10.2	1.9	12.1	14.3	2.7	17.0
2013	3.0	2.0	5.0	10.4	1.9	12.3	15.1	2.8	17.9
2014	3.0	2.0	5.0	10.7	1.9	12.6	14.9	2.9	17.8

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions



Web Appendix 1 contd

WHO European Region Member State									
Year	Malta			Montenegro			Netherlands		
	R	U	T	R	U	T	R	U	T
1990	7.2	0.5	6.4	—	—	—	10.0	0.5	10.5
1991	7.2	0.5	6.5	—	—	—	10.0	0.5	10.5
1992	7.2	0.5	6.5	—	—	—	9.9	0.5	10.4
1993	7.2	0.5	6.5	—	—	—	9.8	0.5	10.3
1994	7.2	0.5	6.5	—	—	—	9.7	0.5	10.2
1995	7.2	0.5	6.5	—	—	—	9.8	0.5	10.3
1996	7.0	0.5	6.3	—	—	—	9.9	0.5	10.4
1997	6.8	0.5	6.1	—	—	—	9.9	0.5	10.4
1998	6.7	0.5	6.0	—	—	—	10.0	0.5	10.5
1999	6.4	0.5	5.8	—	—	—	10.0	0.5	10.5
2000	6.0	0.5	5.5	—	—	—	10.0	0.5	10.5
2001	5.6	0.5	5.1	—	—	—	9.9	0.5	10.4
2002	6.0	0.5	5.4	—	—	—	9.7	0.5	10.2
2003	6.3	0.5	5.7	—	—	—	9.6	0.5	10.1
2004	6.5	0.5	5.9	—	—	—	9.6	0.5	10.1
2005	7.3	0.5	6.5	—	—	—	9.7	0.5	10.2
2006	7.6	0.4	6.7	5.4	3.2	8.5	9.7	0.5	10.2
2007	7.8	0.4	6.9	5.5	3.2	8.1	9.6	0.5	10.1
2008	7.3	0.4	6.5	5.9	3.4	8.6	9.5	0.5	10.0
2009	7.5	0.4	6.6	6.4	3.8	9.4	9.4	0.5	9.9
2010	7.4	0.4	6.5	6.5	3.8	9.5	9.2	0.5	9.7
2011	7.5	0.4	6.6	6.7	4.0	9.9	9.1	0.5	9.6
2012	7.7	0.4	6.8	7.0	4.1	10.3	8.9	0.5	9.4
2013	8.2	0.4	7.3	7.4	4.4	10.9	8.8	0.5	9.3
2014	8.4	0.5	7.5	7.3	4.3	10.7	9.1	0.5	9.6

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Norway			Poland			Portugal		
	R	U	T	R	U	T	R	U	T
1990	5.0	1.8	6.8	8.6	2.0	10.6	14.3	2.0	16.3
1991	4.9	1.8	6.7	8.4	2.0	10.3	14.7	2.0	16.7
1992	4.7	1.8	6.5	8.4	2.0	10.4	14.4	2.0	16.4
1993	4.7	1.9	6.5	8.3	2.0	10.3	14.1	2.0	16.1
1994	4.7	1.9	6.6	8.2	2.0	10.2	13.8	2.0	15.8
1995	4.9	1.9	6.8	8.1	1.9	10.0	13.4	2.0	15.3
1996	5.0	1.9	7.0	8.1	1.9	10.1	12.9	2.0	14.9
1997	5.2	1.9	7.1	8.2	1.9	10.2	12.6	2.0	14.5
1998	5.3	2.0	7.3	8.4	1.9	10.3	12.7	2.0	14.7
1999	5.5	2.0	7.4	8.3	1.9	10.2	12.5	2.0	14.5
2000	5.5	2.0	7.5	8.1	1.9	10.0	12.4	2.0	14.4
2001	5.7	2.0	7.7	8.1	1.9	9.9	12.0	2.0	14.0
2002	5.8	2.0	7.8	8.3	1.8	10.1	12.8	1.9	14.8
2003	6.1	2.0	8.1	8.8	1.8	10.6	13.2	1.9	15.2
2004	6.2	2.0	8.2	9.3	1.8	11.0	13.7	1.9	15.6
2005	6.4	2.0	8.4	9.7	1.7	11.4	13.3	1.9	15.2
2006	6.5	2.0	8.5	10.3	1.7	12.0	13.0	1.9	14.9
2007	6.6	2.0	8.6	10.9	1.7	12.6	12.7	1.9	14.6
2008	6.7	2.0	8.7	11.0	1.7	12.7	12.3	1.9	14.2
2009	6.7	2.0	8.7	10.9	1.6	12.5	12.2	1.9	14.1
2010	6.6	2.0	8.6	10.7	1.6	12.3	12.1	1.9	14.0
2011	6.5	2.0	8.4	10.8	1.6	12.4	12.0	1.8	13.9
2012	6.3	1.9	8.2	11.1	1.6	12.8	11.3	1.7	13.0
2013	6.2	1.9	8.0	11.1	1.7	12.7	10.6	1.7	12.3
2014	6.1	1.8	7.9	11.3	1.7	13.0	10.0	1.6	11.6

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Republic of Moldova			Romania			Russian Federation		
	R	U	T	R	U	T	R	U	T
1990	—	—	—	9.7	6.2	15.9	6.9	4.6	11.5
1991	—	—	—	10.6	6.3	16.9	7.5	4.7	12.2
1992	10.8	4.6	15.5	11.3	6.4	17.7	7.8	4.9	12.7
1993	12.7	5.4	18.1	11.8	6.4	18.2	8.0	5.0	13.0
1994	14.6	6.2	20.8	11.8	6.5	18.3	9.4	5.1	14.5
1995	16.2	6.9	23.1	11.2	6.6	17.8	9.7	5.2	14.9
1996	16.2	7.0	23.2	11.4	6.7	18.1	9.9	5.4	15.2
1997	16.6	7.1	23.7	10.9	6.8	17.7	9.4	5.5	14.9
1998	15.9	6.8	22.7	10.2	6.8	17.1	9.9	5.6	15.5
1999	13.7	8.2	21.9	9.7	6.9	16.6	10.2	5.7	16.0
2000	11.7	9.8	21.6	9.6	7.0	16.6	10.4	5.9	16.3
2001	9.2	10.3	19.4	9.9	6.7	16.6	10.5	5.7	16.2
2002	8.6	9.5	18.1	9.4	6.4	15.8	10.9	5.6	16.5
2003	9.0	9.9	18.9	9.4	6.1	15.5	11.2	5.5	16.8
2004	10.4	11.3	21.7	8.8	5.8	14.6	11.5	5.4	16.9
2005	10.5	11.3	21.8	8.7	5.5	14.2	11.6	5.3	16.9
2006	9.6	10.3	19.9	8.9	5.2	14.1	11.9	5.2	17.0
2007	9.0	9.6	18.6	10.3	4.9	15.2	12.0	5.1	17.1
2008	9.1	9.5	18.6	11.0	4.6	15.6	11.8	5.0	16.8
2009	8.6	9.0	17.6	10.4	4.3	14.7	11.4	4.9	16.3
2010	8.7	8.6	17.4	9.5	4.0	13.5	11.1	4.8	15.9
2011	9.5	8.6	18.1	9.2	4.0	13.3	11.0	4.7	15.7
2012	10.2	8.3	18.6	9.5	4.1	13.6	10.9	4.5	15.4
2013	10.4	7.7	18.1	9.9	4.1	14.1	10.6	4.4	15.0
2014	10.0	6.6	16.6	10.0	4.2	14.1	10.1	4.3	14.5

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Serbia			Slovakia			Slovenia		
	R	U	T	R	U	T	R	U	T
1990	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	13.5	1.4	15.0
1992	—	—	—	—	—	—	13.7	1.4	15.1
1993	—	—	—	12.6	2.1	14.6	13.8	1.4	15.2
1994	—	—	—	12.5	2.0	14.6	13.7	1.3	15.0
1995	—	—	—	12.8	2.0	14.8	12.9	1.3	14.2
1996	—	—	—	12.8	2.0	14.8	12.2	1.3	13.5
1997	—	—	—	12.7	2.0	14.6	10.5	1.2	11.8
1998	—	—	—	12.5	1.9	14.4	9.1	1.2	10.3
1999	—	—	—	11.8	1.9	13.7	9.4	1.2	10.5
2000	—	—	—	11.3	1.9	13.2	10.2	1.1	11.3
2001	—	—	—	10.9	1.8	12.7	10.7	1.1	11.8
2002	—	—	—	10.5	1.8	12.3	10.6	1.1	11.7
2003	—	—	—	10.2	1.8	12.0	10.2	1.1	11.3
2004	—	—	—	10.2	1.8	12.0	10.8	1.1	11.9
2005	—	—	—	10.4	1.8	12.2	11.0	1.1	12.1
2006	8.6	2.9	11.4	10.6	1.8	12.3	11.4	1.1	12.5
2007	8.9	2.9	11.8	10.7	1.7	12.5	11.4	1.0	12.4
2008	9.6	3.0	12.6	10.9	1.7	12.6	10.8	1.0	11.9
2009	9.7	3.0	12.7	10.7	1.7	12.4	10.6	1.0	11.6
2010	9.7	2.9	12.6	10.3	1.7	12.0	10.5	1.0	11.5
2011	9.5	2.8	12.4	10.2	1.7	11.9	10.6	1.0	11.6
2012	9.4	2.8	12.2	10.1	1.7	11.8	10.4	1.0	11.4
2013	9.2	2.8	12.0	10.2	1.7	11.9	10.3	1.0	11.3
2014	9.1	2.7	11.9	10.6	1.7	12.3	10.3	1.0	11.3

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Spain			Sweden			Switzerland		
	R	U	T	R	U	T	R	U	T
1990	13.1	1.6	14.7	6.5	1.2	7.7	13.3	0.7	13.9
1991	12.7	1.6	14.3	6.3	1.3	7.6	12.7	0.6	13.4
1992	12.2	1.5	13.8	6.3	1.4	7.6	12.5	0.6	13.1
1993	11.7	1.5	13.3	6.3	1.4	7.7	12.2	0.6	12.8
1994	11.4	1.5	12.9	6.3	1.5	7.8	11.9	0.6	12.5
1995	11.1	1.5	12.5	6.2	1.6	7.8	11.5	0.6	12.1
1996	11.2	1.4	12.6	6.1	1.7	7.7	11.3	0.6	11.9
1997	11.3	1.4	12.7	5.9	1.8	7.7	11.2	0.5	11.8
1998	11.5	1.4	12.8	5.9	1.8	7.8	11.1	0.5	11.6
1999	11.3	1.4	12.7	6.0	1.9	7.9	11.1	0.5	11.6
2000	10.8	1.3	12.2	6.3	2.0	8.3	11.1	0.5	11.6
2001	10.3	1.3	11.6	6.5	2.0	8.5	11.1	0.5	11.6
2002	9.8	1.3	11.1	6.8	2.0	8.8	10.9	0.5	11.4
2003	9.5	1.3	10.8	6.8	2.0	8.8	10.7	0.5	11.2
2004	10.2	1.3	11.5	6.7	2.0	8.7	10.5	0.5	11.0
2005	11.0	1.3	12.3	6.7	2.1	8.8	10.3	0.5	10.8
2006	11.6	1.3	12.9	6.9	2.1	8.9	10.3	0.5	10.8
2007	11.1	1.2	12.3	7.0	2.1	9.1	10.3	0.5	10.8
2008	10.4	1.2	11.7	7.2	2.1	9.3	10.3	0.5	10.8
2009	10.0	1.2	11.2	7.3	2.1	9.4	10.1	0.5	10.6
2010	9.8	1.2	11.0	7.3	2.1	9.4	10.0	0.5	10.5
2011	9.6	1.2	10.8	7.4	2.1	9.5	10.0	0.5	10.4
2012	9.4	1.2	10.6	7.4	2.2	9.6	9.9	0.5	10.3
2013	9.3	1.1	10.4	7.4	2.2	9.6	9.7	0.5	10.2
2014	9.0	1.1	10.1	7.2	2.2	9.4	9.6	0.5	10.1

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Tajikistan			The former Yugoslav Republic of Macedonia			Turkey		
	R	U	T	R	U	T	R	U	T
1990	—	—	—	—	—	—	1.0	1.0	2.0
1991	—	—	—	—	—	—	1.2	1.0	2.1
1992	2.4	2.4	4.8	7.0	0.0	7.0	1.3	0.9	2.3
1993	1.6	1.6	3.2	6.5	0.0	6.5	1.4	0.9	2.3
1994	1.4	1.4	2.8	6.4	0.0	6.4	1.4	0.9	2.4
1995	1.6	1.6	3.2	5.1	0.0	5.1	1.4	0.9	2.3
1996	1.5	1.5	2.9	2.9	2.9	5.8	1.5	0.9	2.4
1997	1.0	2.4	3.4	1.5	1.5	3.1	1.5	0.9	2.4
1998	0.5	1.2	1.8	2.2	2.2	4.3	1.5	0.8	2.4
1999	0.4	0.9	1.3	2.8	2.8	5.6	1.5	0.8	2.3
2000	0.5	1.2	1.7	3.1	3.1	6.2	1.5	0.8	2.3
2001	0.6	1.4	2.0	2.9	3.2	6.0	1.5	0.8	2.3
2002	0.6	1.4	2.0	2.7	3.1	5.9	1.5	0.8	2.2
2003	0.4	3.5	4.0	2.3	3.1	5.4	1.4	0.7	2.2
2004	0.4	3.4	3.7	2.1	3.0	5.1	1.4	0.7	2.1
2005	0.4	3.2	3.6	1.9	3.0	4.9	1.3	0.7	2.0
2006	0.4	3.1	3.4	1.7	3.0	4.7	1.3	0.7	1.9
2007	0.4	2.9	3.3	1.7	2.9	4.7	1.3	0.7	1.9
2008	0.3	2.8	3.1	1.7	2.9	4.6	1.3	0.6	2.0
2009	0.3	2.6	3.0	1.7	2.8	4.5	1.4	0.6	2.0
2010	0.3	2.5	2.8	1.5	2.8	4.3	1.5	0.6	2.1
2011	0.3	2.4	2.7	1.3	2.6	3.9	1.5	0.6	2.1
2012	0.3	2.2	2.5	1.1	2.5	3.6	1.5	0.6	2.1
2013	0.3	2.1	2.3	1.1	2.3	3.5	1.5	0.6	2.1
2014	0.2	1.9	2.1	1.1	2.2	3.3	1.5	0.6	2.1

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State									
Year	Turkmenistan			Ukraine			United Kingdom		
	R	U	T	R	U	T	R	U	T
1990	—	—	—	5.6	5.3	10.9	10.0	2.0	12.0
1991	—	—	—	5.7	5.2	10.8	9.9	2.0	11.9
1992	0.4	0.4	0.8	5.6	5.0	10.7	9.7	2.0	11.7
1993	0.9	0.8	1.7	5.1	4.9	10.0	9.5	2.0	11.5
1994	1.4	1.3	2.7	4.5	4.8	9.2	9.5	2.0	11.5
1995	1.8	1.6	3.4	3.7	4.6	8.4	9.6	2.0	11.6
1996	1.8	1.6	3.4	3.6	4.5	8.2	9.8	2.0	11.8
1997	1.7	1.5	3.2	3.7	4.4	8.0	10.0	2.0	12.0
1998	1.7	1.5	3.1	3.9	4.3	8.1	10.1	2.0	12.1
1999	2.0	1.8	3.9	4.0	4.1	8.2	10.3	2.0	12.3
2000	2.3	2.1	4.3	4.2	4.0	8.2	10.6	2.0	12.6
2001	2.5	2.1	4.6	4.6	4.1	8.7	11.0	2.0	13.0
2002	2.5	2.1	4.6	5.0	4.2	9.2	11.4	2.0	13.4
2003	2.7	2.1	4.8	5.9	4.3	10.2	11.8	2.0	13.8
2004	2.9	2.1	5.0	6.7	4.4	11.1	12.0	2.0	14.0
2005	2.8	2.1	4.9	7.3	4.5	11.8	12.0	2.0	13.9
2006	2.7	2.1	4.9	8.0	4.6	12.6	11.8	1.9	13.8
2007	2.6	2.2	4.7	8.7	4.7	13.4	11.6	1.9	13.6
2008	2.4	2.2	4.6	8.9	4.8	13.7	11.4	1.9	13.3
2009	2.4	2.2	4.6	8.8	4.9	13.7	11.0	1.9	13.0
2010	2.5	2.2	4.7	8.5	5.0	13.5	10.8	1.9	12.7
2011	2.6	2.2	4.8	8.5	5.0	13.4	10.7	1.9	12.5
2012	2.7	2.3	5.0	8.5	5.0	13.4	10.5	1.9	12.3
2013	2.9	2.3	5.2	8.3	4.9	13.2	10.4	1.8	12.2
2014	2.7	2.4	5.0	8.4	4.9	13.3	10.4	1.8	12.2

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions

Web Appendix 1 contd

WHO European Region Member State			
Year	Uzbekistan		
	R	U	T
1990	—	—	—
1991	—	—	—
1992	1.3	1.6	2.9
1993	1.4	1.7	3.1
1994	1.6	1.9	3.5
1995	1.8	2.1	3.9
1996	1.7	2.0	3.8
1997	1.7	2.0	3.7
1998	1.7	2.0	3.7
1999	1.7	2.0	3.7
2000	1.6	1.9	3.5
2001	1.5	1.9	3.5
2002	1.5	1.9	3.5
2003	1.5	2.0	3.5
2004	1.6	2.0	3.6
2005	1.8	2.0	3.8
2006	2.0	2.0	4.0
2007	2.2	2.0	4.2
2008	2.4	2.1	4.4
2009	2.6	2.1	4.6
2010	2.7	2.1	4.8
2011	2.8	2.1	4.9
2012	2.8	2.2	5.0
2013	2.9	2.2	5.1
2014	2.9	2.2	5.1

R: recorded; U: unrecorded; T: total

Data source: Global Information System on Alcohol and Health (1) and author predictions



**Web Appendix 2. Total adult alcohol per capita consumption in the WHO European Region and selected subregions<sup>1</sup>, 1990–2014 (in litres of pure alcohol)**

Year	WHO European Region	European Union (EU)	Eastern WHO European Region	Central-eastern EU	South-eastern WHO European Region	Mediterranean	Central-western EU
1990	12.0	13.8	11.5	13.6	3.4	11.8	14.3
1991	12.1	13.5	12.0	13.5	5.1	11.6	13.7
1992	11.9	13.4	12.3	13.4	4.5	11.3	13.8
1993	11.8	13.2	12.5	13.4	4.3	11.1	13.6
1994	11.8	13.0	13.4	13.3	4.0	10.8	13.5
1995	11.7	12.8	13.5	13.1	3.6	10.6	13.4
1996	11.7	12.8	13.7	13.2	3.3	10.4	13.3
1997	11.5	12.7	13.5	13.1	3.2	10.2	13.1
1998	11.6	12.6	13.9	12.9	3.1	10.1	13.0
1999	11.7	12.6	14.3	12.8	3.2	10.1	13.0
2000	11.7	12.7	14.5	12.9	3.3	10.1	12.9
2001	11.7	12.7	14.5	12.9	3.4	10.0	12.7
2002	11.7	12.5	14.8	12.9	3.4	9.8	12.4
2003	11.8	12.5	15.2	13.0	3.6	9.6	12.2
2004	11.8	12.4	15.5	13.0	3.7	9.5	12.1
2005	11.8	12.4	15.8	13.0	3.8	9.4	12.0
2006	11.9	12.4	16.0	13.2	3.9	9.4	11.9
2007	11.9	12.3	16.3	13.7	4.0	9.1	11.7
2008	11.7	12.1	16.2	13.7	4.0	8.8	11.5
2009	11.4	11.7	15.8	13.3	4.1	8.5	11.4
2010	11.1	11.4	15.5	12.9	4.0	8.2	11.2
2011	11.1	11.4	15.4	12.9	4.1	8.2	11.2
2012	11.0	11.3	15.2	13.1	4.1	8.0	11.1
2013	10.8	11.3	14.8	13.2	4.0	7.9	11.1
2014	10.7	11.3	14.4	13.4	3.9	7.8	11.2

<sup>1</sup>Subregions are defined as follows: **European Union (EU)**: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and United Kingdom of Great Britain and Northern Ireland; **central-western EU**: Austria, Belgium, Denmark, France, Germany, Luxembourg, Netherlands and Switzerland; **central-eastern EU**: Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia and Slovenia; **Mediterranean**: Cyprus, France, Greece, Israel, Italy, Malta, Portugal, Spain and Turkey; **eastern WHO European Region**: Russian Federation, Belarus, Republic of Moldova and Ukraine; and **south-eastern WHO European Region**: Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkey, Turkmenistan and Uzbekistan.

**Web Appendix 3. Unrecorded adult per capita alcohol consumption in the WHO European Region and selected subregions, 1990–2014 (in litres of pure alcohol)**

Year	WHO European Region	EU	Eastern WHO European Region	Central-eastern EU	South-eastern WHO European Region	Mediterranean	Central-western EU
1990	2.5	1.7	4.8	2.9	1.3	1.3	0.9
1991	2.5	1.7	4.9	3.0	1.3	1.3	0.9
1992	2.5	1.7	4.9	3.0	1.3	1.3	0.9
1993	2.5	1.7	5.0	3.0	1.3	1.3	0.9
1994	2.5	1.7	5.0	3.0	1.3	1.3	0.9
1995	2.5	1.7	5.1	3.0	1.4	1.3	0.9
1996	2.5	1.7	5.1	3.0	1.3	1.3	0.9
1997	2.5	1.7	5.2	3.0	1.3	1.2	0.9
1998	2.5	1.7	5.2	3.0	1.3	1.2	0.9
1999	2.6	1.7	5.3	3.0	1.3	1.2	0.9
2000	2.6	1.7	5.4	3.0	1.3	1.2	0.9
2001	2.5	1.7	5.4	2.9	1.3	1.2	0.9
2002	2.5	1.6	5.3	2.8	1.3	1.1	0.9
2003	2.4	1.6	5.2	2.7	1.4	1.1	0.8
2004	2.4	1.5	5.2	2.6	1.4	1.0	0.8
2005	2.3	1.4	5.2	2.5	1.4	1.0	0.7
2006	2.3	1.4	5.1	2.4	1.4	0.9	0.7
2007	2.2	1.3	5.0	2.3	1.4	0.9	0.7
2008	2.2	1.3	5.0	2.2	1.4	0.8	0.6
2009	2.1	1.2	4.9	2.1	1.4	0.8	0.6
2010	2.1	1.2	4.8	2.1	1.4	0.7	0.6
2011	2.1	1.2	4.7	2.1	1.4	0.7	0.6
2012	2.0	1.2	4.6	2.1	1.4	0.7	0.6
2013	2.0	1.2	4.6	2.1	1.4	0.7	0.6
2014	2.0	1.2	4.5	2.1	1.4	0.7	0.6

**Web Appendix 4. Recorded adult per capita alcohol consumption in the WHO European Region and selected subregions, 1990–2014 (in litres of pure alcohol)**

<b>Year</b>	<b>WHO European Region</b>	<b>EU</b>	<b>Eastern WHO European Region</b>	<b>Central-eastern EU</b>	<b>South-eastern WHO European Region</b>	<b>Mediterranean</b>	<b>Central-western EU</b>
1990	9.6	12.1	6.7	10.6	2.1	10.5	13.5
1991	9.7	11.8	7.1	10.5	3.8	10.3	12.9
1992	9.4	11.7	7.4	10.5	3.2	10.0	13.0
1993	9.3	11.5	7.5	10.4	3.0	9.8	12.8
1994	9.4	11.3	8.3	10.3	2.6	9.6	12.7
1995	9.2	11.2	8.4	10.1	2.3	9.3	12.6
1996	9.2	11.1	8.5	10.2	2.0	9.1	12.5
1997	9.0	11.0	8.3	10.1	1.9	8.9	12.3
1998	9.1	10.9	8.7	9.9	1.9	8.9	12.2
1999	9.1	11.0	8.9	9.8	1.9	8.9	12.2
2000	9.2	11.0	9.1	9.9	2.0	8.9	12.1
2001	9.2	11.0	9.1	10.0	2.1	8.9	12.0
2002	9.3	11.0	9.5	10.1	2.1	8.7	11.7
2003	9.4	11.0	10.0	10.3	2.2	8.5	11.6
2004	9.5	11.0	10.3	10.4	2.3	8.5	11.4
2005	9.5	11.0	10.6	10.5	2.4	8.5	11.4
2006	9.6	11.0	11.0	10.8	2.5	8.4	11.3
2007	9.7	11.0	11.3	11.4	2.6	8.2	11.2
2008	9.5	10.8	11.2	11.5	2.6	8.0	11.0
2009	9.3	10.6	10.9	11.2	2.7	7.7	10.9
2010	9.1	10.3	10.7	10.9	2.6	7.5	10.8
2011	9.1	10.3	10.7	10.9	2.7	7.4	10.8
2012	9.0	10.2	10.6	11.1	2.7	7.3	10.7
2013	8.9	10.2	10.3	11.2	2.6	7.2	10.7
2014	8.7	10.2	9.9	11.3	2.5	7.1	10.8

**Web Appendix 5. Alcohol consumption per male adult drinker in the WHO European Region and selected subregions, 1990–2014 (in litres of pure alcohol)**

<b>Year</b>	<b>WHO European Region</b>	<b>EU</b>	<b>Eastern WHO European Region</b>	<b>Central-eastern EU</b>	<b>South-eastern WHO European Region</b>	<b>Mediterranean</b>	<b>Central-western EU</b>
1990	20.8	20.6	23.8	22.8	14.6	22.7	19.0
1991	20.9	20.2	24.2	23.0	21.5	22.4	18.1
1992	21.0	20.0	25.9	22.8	17.8	22.0	18.3
1993	20.7	19.8	25.3	22.5	17.5	21.7	18.2
1994	20.8	19.5	27.4	22.6	16.5	21.0	18.1
1995	20.7	19.3	27.9	22.2	15.9	20.6	18.1
1996	20.7	19.1	28.6	22.3	15.0	20.3	17.7
1997	20.4	18.9	28.2	22.0	14.8	20.0	17.5
1998	20.6	18.9	29.1	21.9	14.3	19.9	17.4
1999	20.7	19.0	29.4	22.0	14.8	20.0	17.3
2000	20.7	18.8	30.2	21.4	15.0	20.0	17.0
2001	20.8	18.9	30.1	21.4	15.2	19.8	17.1
2002	20.8	18.7	30.6	21.0	15.6	19.6	16.8
2003	20.9	18.6	31.1	21.7	16.5	18.8	16.5
2004	21.0	18.5	32.1	21.3	16.7	18.8	16.3
2005	21.0	18.5	32.7	21.7	16.7	18.4	16.2
2006	20.8	18.5	31.2	21.6	16.9	18.6	16.0
2007	20.9	18.3	32.4	21.8	17.2	18.1	15.8
2008	20.7	18.0	32.7	21.6	17.3	17.6	15.6
2009	20.5	18.0	31.7	21.9	17.7	17.5	15.6
2010	20.1	17.6	31.2	21.4	17.1	17.1	15.5
2011	19.9	17.5	30.9	21.2	16.7	16.9	15.5
2012	19.8	17.5	31.0	21.5	16.5	16.7	15.5
2013	19.6	17.4	30.7	21.5	16.3	16.7	15.3
2014	19.4	17.4	30.2	21.7	15.7	16.4	15.4

**Web Appendix 6. Alcohol consumption per adult female drinker in the WHO European Region and selected subregions, 1990–2014 (in litres of pure alcohol)**

<b>Year</b>	<b>WHO European Region</b>	<b>EU</b>	<b>Eastern WHO European Region</b>	<b>Central-eastern EU</b>	<b>South-eastern WHO European Region</b>	<b>Mediterranean</b>	<b>Central-western EU</b>
1990	13.8	13.8	15.4	14.6	6.5	15.1	13.6
1991	13.8	13.5	15.7	14.6	11.5	14.8	12.8
1992	13.8	13.4	16.6	14.6	10.4	14.5	12.9
1993	13.6	13.2	16.2	14.4	10.0	14.3	12.7
1994	13.7	13.0	17.5	14.5	8.9	13.9	12.6
1995	13.7	12.9	17.8	14.3	8.0	13.6	12.5
1996	13.6	12.8	18.3	14.3	7.1	13.4	12.2
1997	13.4	12.6	18.0	14.1	7.1	13.2	12.0
1998	13.5	12.6	18.6	14.2	6.9	13.1	11.9
1999	13.7	12.6	18.7	14.1	7.4	13.2	11.8
2000	13.7	12.6	19.2	13.7	7.6	13.4	11.6
2001	13.7	12.7	19.2	13.7	8.0	13.2	11.6
2002	13.7	12.5	19.5	13.3	8.4	13.1	11.4
2003	13.8	12.5	19.9	14.0	8.9	12.7	11.2
2004	13.9	12.4	20.5	13.7	9.2	12.6	11.0
2005	13.9	12.3	20.9	13.9	9.3	12.3	10.9
2006	13.8	12.3	20.0	13.9	9.5	12.5	10.7
2007	13.8	12.2	20.7	14.0	9.7	12.2	10.6
2008	13.7	12.0	21.0	13.8	9.7	11.9	10.4
2009	13.6	11.9	20.5	14.0	9.8	11.8	10.5
2010	13.4	11.7	20.2	13.6	9.3	11.6	10.4
2011	13.3	11.6	20.0	13.5	9.2	11.5	10.3
2012	13.2	11.6	20.1	13.7	9.0	11.4	10.3
2013	13.0	11.5	19.8	13.7	8.9	11.4	10.1
2014	12.9	11.5	19.5	13.8	8.4	11.3	10.2

**Web Appendix 7. Adult per capita alcohol consumption in WHO regions<sup>2</sup> in 1990 and 2014 (in litres of pure alcohol)**

WHO region	Unrecorded		Recorded		Total	
	1990	2014	1990	2014	1990	2014
<b>African Region</b>	1.3	1.9	3.4	4.1	4.7	6.1
<b>Region of the Americas</b>	1.1	1.2	7.3	7.2	8.5	8.4
<b>Eastern Mediterranean Region</b>	0.4	0.3	0.3	0.3	0.7	0.6
<b>European Region</b>	2.5	2.0	9.6	8.7	12.0	10.7
<b>South-East Asia Region</b>	0.8	1.2	1.5	2.5	2.2	3.7
<b>Western Pacific Region</b>	1.0	1.6	4.0	5.9	5.0	7.4
<b>Global</b>	1.2	1.4	4.6	5.0	5.8	6.4

<sup>2</sup> WHO regions, based on the Global status report on alcohol and health (2), are as follows: **African Region:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cabo Verde, Cameroon, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, South Africa, Swaziland, Togo, Uganda, United Republic of Tanzania, Zambia, and Zimbabwe; **Region of the Americas:** Antigua and Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia (Plurinational State of), Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, United States of America, Uruguay, and Venezuela (Bolivarian Republic of); **Eastern Mediterranean Region:** Afghanistan, Bahrain, Djibouti, Egypt, Iran (Islamic Republic of), Iraq, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Pakistan, Qatar, Saudi Arabia, Somalia, Sudan, Syrian Arab Republic, Tunisia, United Arab Emirates, and Yemen; **European Region:** Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Malta, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, the former Yugoslav Republic of Macedonia, Turkey, Turkmenistan, Ukraine, United Kingdom, and Uzbekistan; **South-East Asia Region:** Bangladesh, Bhutan, Democratic People's Republic of Korea, India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka, Thailand, and Timor-Leste; **Western Pacific Region:** Australia, Brunei Darussalam, Cambodia, China, Cook Islands, Fiji, Japan, Kiribati, Lao People's Democratic Republic, Malaysia, Marshall Islands, Micronesia (Federated States of), Mongolia, Nauru, New Zealand, Niue, Palau, Papua New Guinea, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu, and Viet Nam.

**Web Appendix 8. Changes in adult per capita alcohol consumption in WHO regions between 1990 and 2014 (in litres per capita and percentage)**

<b>WHO region</b>	<b>Unrecorded</b>	<b>Recorded</b>	<b>Total</b>	<b>Percentage change of total</b>
<b>African Region</b>	0.6	0.7	1.3	28%
<b>Region of the Americas</b>	0.0	-0.1	-0.1	-1%
<b>Eastern Mediterranean Region</b>	0.0	0.0	0.0	-8%
<b>European Region</b>	-0.5	-0.9	-1.4	-11%
<b>South-East Asia Region</b>	0.5	1.0	1.5	66%
<b>Western Pacific Region</b>	0.5	1.9	2.4	48%
<b>Global</b>	0.2	0.4	0.6	10%

**Web Appendix 9. Standardized mortality from alcohol-attributable disease and injury categories for Albania, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	40.0	14.5	10.1	19.0	703.0	15.0	10.6	19.4	1268.9	11.7	-17.9	41.4
1991	35.5	12.8	9.3	16.4	722.2	15.0	10.9	19.1	1319.8	12.9	-13.0	38.8
1992	32.1	11.4	7.4	15.4	729.1	14.8	9.9	19.7	1345.0	12.4	-19.0	43.8
1993	26.2	10.3	7.7	13.0	732.1	16.7	12.2	21.2	1357.0	17.0	-16.8	50.7
1994	18.3	7.9	5.7	10.1	735.7	18.6	13.1	24.1	1372.6	20.4	-20.8	61.5
1995	15.2	7.1	5.2	9.0	743.1	20.3	14.2	26.3	1405.4	25.7	-19.2	70.5
1996	13.2	6.1	4.2	8.1	760.7	20.6	12.7	28.5	1456.7	25.6	-23.1	74.4
1997	11.5	5.2	3.6	6.8	782.1	19.9	14.0	25.8	1533.3	25.2	-23.8	74.3
1998	10.8	4.8	3.5	6.2	810.6	20.0	14.3	25.8	1626.5	25.5	-21.3	72.3
1999	10.2	4.9	3.8	6.0	832.3	22.8	16.2	29.4	1689.8	30.4	-22.4	83.2
2000	9.3	4.9	3.8	5.9	845.8	26.9	19.0	34.7	1739.4	37.4	-24.6	99.5
2001	8.6	4.6	3.7	5.6	853.5	28.6	19.1	38.2	1780.8	40.2	-34.1	114.5
2002	8.1	4.4	3.4	5.3	873.9	29.2	20.9	37.6	1839.4	42.5	-34.4	119.5
2003	7.8	4.2	3.4	5.1	898.1	30.8	22.2	39.5	1927.9	43.5	-35.1	122.0
2004	7.7	4.3	3.4	5.2	919.9	32.9	24.1	41.8	2037.7	48.8	-33.5	131.1
2005	7.9	4.5	3.5	5.5	929.4	34.6	23.9	45.2	2136.9	52.7	-47.1	152.4
2006	8.1	4.7	3.7	5.6	936.3	35.7	25.7	45.8	2218.6	56.9	-52.1	165.9
2007	8.2	4.7	3.6	5.8	940.6	36.4	26.1	46.7	2287.5	58.6	-54.3	171.5
2008	8.3	4.8	3.6	6.0	942.3	36.7	25.6	47.8	2344.4	60.4	-61.5	182.2
2009	8.4	4.8	3.8	5.8	946.2	36.0	26.2	45.8	2397.4	58.1	-61.9	178.1
2010	8.4	4.7	3.8	5.5	953.1	35.2	24.6	45.7	2436.8	56.8	-54.4	167.9
2011	8.5	4.7	3.7	5.7	960.8	34.8	24.7	44.8	2462.8	52.3	-62.3	166.9
2012	8.5	4.6	3.6	5.7	970.7	33.8	23.7	43.9	2489.0	48.7	-58.3	155.7
2013	8.6	4.6	3.4	5.7	982.3	33.1	22.7	43.6	2518.3	46.3	-62.9	155.5
2014	8.8	4.5	3.4	5.7	1000.1	32.1	22.1	42.1	2588.3	44.1	-63.4	151.6



Web Appendix 9 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	554.1	61.6	51.2	72.1	107.4	15.6	12.9	18.2	446.7	46.1	38.3	53.9
1991	594.8	62.0	51.1	72.8	117.7	16.3	13.5	19.2	477.1	45.7	37.6	53.7
1992	609.1	62.5	50.3	74.7	123.7	17.0	13.7	20.3	485.5	45.5	36.5	54.4
1993	615.4	64.3	52.7	76.0	132.9	18.9	15.5	22.2	482.5	45.5	37.2	53.8
1994	605.9	68.5	54.9	82.0	138.9	21.0	16.9	25.1	467.0	47.4	38.0	56.9
1995	607.1	73.7	61.0	86.4	157.1	24.6	20.4	28.8	450.0	49.1	40.6	57.7
1996	622.3	79.6	62.3	97.0	180.6	28.6	22.5	34.7	441.7	51.1	39.9	62.3
1997	653.7	83.2	66.9	99.5	219.9	33.3	26.9	39.8	433.8	49.9	40.1	59.8
1998	647.0	81.7	64.3	99.1	213.7	31.4	24.8	38.0	433.3	50.3	39.5	61.0
1999	628.6	84.0	67.8	100.2	195.7	30.1	24.3	35.8	432.9	53.9	43.5	64.4
2000	592.9	85.8	66.3	105.4	164.1	27.1	21.0	33.2	428.8	58.7	45.3	72.1
2001	580.0	85.8	64.6	106.9	158.3	26.5	20.0	33.0	421.7	59.3	44.6	74.0
2002	567.4	82.4	61.4	103.4	152.8	25.0	18.7	31.3	414.6	57.4	42.8	72.0
2003	552.4	81.7	62.4	101.0	148.6	24.4	18.7	30.2	403.8	57.2	43.7	70.8
2004	537.0	81.4	61.5	101.3	144.6	24.1	18.3	29.9	392.4	57.3	43.3	71.3
2005	525.4	82.2	63.1	101.3	144.4	24.7	18.9	30.4	381.0	57.5	44.1	70.9
2006	513.7	82.1	61.2	103.0	142.9	24.8	18.5	31.1	370.8	57.3	42.7	71.9
2007	500.5	80.9	61.2	100.7	140.9	24.6	18.6	30.6	359.6	56.3	42.5	70.1
2008	485.9	79.3	61.4	97.2	138.4	24.3	18.8	29.8	347.5	55.0	42.6	67.4
2009	474.2	76.8	58.9	94.7	136.7	23.8	18.3	29.4	337.5	53.0	40.7	65.3
2010	464.4	73.3	57.2	89.3	135.1	22.9	17.9	27.9	329.3	50.3	39.3	61.4
2011	456.8	71.8	56.3	87.2	133.9	22.5	17.7	27.4	322.9	49.2	38.7	59.8
2012	450.1	69.5	53.1	86.0	133.3	22.0	16.8	27.2	316.8	47.5	36.3	58.8
2013	445.6	67.6	51.2	84.0	133.2	21.6	16.3	26.8	312.4	46.0	34.8	57.2
2014	446.4	66.3	48.8	83.8	133.3	21.1	15.5	26.6	313.1	45.2	33.2	57.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 10. Standardized mortality from alcohol-attributable disease and injury categories for Armenia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	Cardio-vascular Disease	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	93.9	47.9	34.0	61.8	1070.2	37.2	26.1	48.4	2175.2	49.9	-50.6	150.4
1991	102.6	51.0	33.7	68.3	1109.9	38.1	24.4	51.7	2308.0	50.9	-56.8	158.5
1992	112.7	54.6	36.2	72.9	1149.4	38.6	26.9	50.4	2467.8	52.9	-64.0	169.8
1993	123.3	62.5	40.5	84.5	1181.0	41.9	27.7	56.1	2614.9	59.2	-77.0	195.5
1994	131.5	66.5	44.9	88.0	1206.7	43.8	31.2	56.4	2729.9	64.3	-64.2	192.7
1995	134.2	68.2	43.9	92.5	1222.6	44.6	30.0	59.1	2805.8	63.6	-68.3	195.5
1996	135.1	64.1	41.0	87.2	1240.0	42.6	28.9	56.3	2844.5	60.0	-87.6	207.6
1997	133.2	59.7	32.6	86.8	1258.4	41.0	26.0	56.1	2855.9	57.0	-68.7	182.8
1998	130.7	56.3	29.2	83.4	1276.0	39.8	25.4	54.2	2847.6	53.9	-76.6	184.4
1999	130.2	55.8	29.6	82.0	1285.8	40.1	25.2	54.9	2832.9	54.0	-72.2	180.3
2000	132.8	59.1	35.0	83.3	1292.4	42.0	27.2	56.7	2815.4	56.9	-71.0	184.8
2001	138.5	64.1	34.2	94.0	1297.0	43.3	27.1	59.5	2800.4	58.4	-72.3	189.1
2002	146.9	68.6	35.9	101.3	1298.7	43.3	27.5	59.2	2783.0	58.8	-72.3	189.9
2003	156.7	76.2	47.6	104.8	1306.3	44.8	29.2	60.5	2783.3	61.4	-85.1	207.9
2004	169.4	86.4	56.1	116.7	1317.2	47.2	31.6	62.8	2800.8	66.1	-63.7	195.9
2005	184.4	97.2	65.4	129.1	1332.5	49.2	34.4	63.9	2814.9	69.8	-79.2	218.8
2006	200.2	106.7	66.4	147.1	1345.5	49.7	33.7	65.7	2824.0	70.4	-77.9	218.7
2007	209.4	111.2	69.8	152.7	1348.4	49.4	32.5	66.4	2813.1	69.1	-81.9	220.0
2008	218.2	116.2	71.2	161.3	1345.3	49.2	34.5	64.0	2777.2	67.7	-73.5	209.0
2009	222.6	119.3	77.9	160.8	1333.2	48.8	33.1	64.6	2733.7	66.5	-76.5	209.5
2010	221.7	121.2	81.1	161.3	1311.2	49.2	33.3	65.2	2668.7	66.1	-57.4	189.6
2011	218.5	113.2	75.8	150.5	1283.7	46.1	32.6	59.5	2597.2	58.9	-60.7	178.5
2012	212.0	107.3	67.6	147.0	1256.8	44.9	30.5	59.4	2549.9	56.5	-78.3	191.3
2013	205.0	104.5	57.6	151.5	1238.1	45.4	29.4	61.5	2529.2	56.8	-82.0	195.7
2014	205.9	104.4	67.1	141.7	1244.5	46.3	31.1	61.6	2545.8	57.5	-64.9	179.9

Web Appendix 10 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	837.2	168.1	149.7	186.6	101.4	31.4	28.0	34.8	735.8	136.7	121.7	151.8
1991	840.9	173.8	157.5	190.0	123.6	38.2	34.7	41.7	717.3	135.6	122.8	148.4
1992	840.9	176.6	157.7	195.5	148.9	45.4	40.6	50.2	692.0	131.2	117.1	145.3
1993	816.5	179.0	162.7	195.4	145.7	44.7	40.7	48.7	670.8	134.3	122.0	146.7
1994	771.3	181.8	166.1	197.5	136.1	43.8	40.0	47.5	635.1	138.0	126.1	149.9
1995	718.5	164.8	146.3	183.2	130.9	40.2	35.7	44.7	587.6	124.5	110.6	138.5
1996	662.8	152.2	135.3	169.1	123.1	37.1	33.0	41.3	539.6	115.1	102.3	127.8
1997	610.4	140.3	126.7	153.8	114.9	34.3	31.0	37.6	495.5	106.0	95.7	116.2
1998	565.3	126.5	116.2	136.9	110.1	31.6	29.0	34.2	455.2	95.0	87.2	102.7
1999	526.9	120.6	109.4	131.8	105.6	30.5	27.6	33.3	421.3	90.1	81.8	98.5
2000	497.0	119.0	108.7	129.3	100.2	29.9	27.3	32.5	396.8	89.1	81.4	96.8
2001	474.7	116.1	106.4	125.8	97.3	29.5	27.0	31.9	377.4	86.7	79.4	93.9
2002	458.4	114.4	103.4	125.4	97.1	29.7	26.8	32.5	361.3	84.8	76.6	92.9
2003	447.7	115.5	104.5	126.4	96.7	30.0	27.2	32.9	351.0	85.5	77.3	93.6
2004	441.4	119.9	107.2	132.5	99.8	32.1	28.7	35.5	341.6	87.8	78.5	97.1
2005	436.5	122.9	109.8	136.0	102.7	33.7	30.1	37.4	333.9	89.2	79.7	98.6
2006	431.6	122.7	112.4	132.9	105.1	34.5	31.6	37.4	326.4	88.2	80.9	95.5
2007	426.0	122.5	109.1	136.0	105.9	34.9	31.1	38.7	320.1	87.7	78.0	97.3
2008	420.6	122.3	109.5	135.1	106.5	35.1	31.4	38.9	314.1	87.2	78.1	96.3
2009	414.7	121.5	108.2	134.7	107.0	35.5	31.5	39.4	307.7	86.0	76.7	95.4
2010	409.7	121.5	106.8	136.1	108.2	36.3	31.9	40.6	301.4	85.2	74.9	95.4
2011	405.3	116.4	105.9	126.9	109.3	35.6	32.4	38.8	296.0	80.8	73.5	88.1
2012	402.0	116.1	106.8	125.3	113.6	37.2	34.2	40.1	288.4	78.9	72.6	85.2
2013	392.1	113.8	101.2	126.4	110.1	36.3	32.2	40.3	282.0	77.5	69.0	86.1
2014	385.9	112.0	102.4	121.7	108.6	35.7	32.7	38.8	277.2	76.3	69.7	82.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 11. Standardized mortality from alcohol-attributable disease and injury categories for Austria, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	153.2	107.6	93.2	122.1	1018.8	60.1	42.6	77.6	1519.6	25.2	-92.2	142.6
1991	155.8	111.3	93.5	129.1	1024.4	62.9	43.4	82.4	1519.5	27.4	-91.0	145.8
1992	156.7	111.7	92.6	130.8	1027.5	62.8	43.4	82.3	1510.0	26.4	-71.6	124.3
1993	155.3	109.2	91.5	127.0	1026.6	61.6	44.8	78.4	1497.9	23.5	-81.1	128.0
1994	152.6	107.1	90.1	124.1	1021.0	60.7	42.6	78.9	1481.2	23.2	-76.5	122.9
1995	148.8	104.0	87.4	120.6	1008.7	60.8	43.7	77.9	1465.6	21.6	-72.9	116.0
1996	143.9	100.5	83.0	118.1	993.4	60.3	40.7	79.9	1433.3	21.2	-76.6	119.0
1997	138.3	96.0	82.3	109.7	979.2	58.7	43.8	73.6	1394.3	19.8	-72.6	112.1
1998	134.8	92.9	80.0	105.7	975.2	58.0	41.3	74.6	1362.9	18.5	-68.8	105.8
1999	133.7	92.2	77.9	106.6	980.9	58.6	43.2	74.0	1339.2	18.6	-71.1	108.4
2000	134.7	91.2	75.5	106.9	987.3	57.6	41.5	73.7	1310.6	16.1	-70.3	102.4
2001	135.3	92.1	77.0	107.3	988.7	57.9	41.2	74.6	1268.3	16.8	-70.8	104.5
2002	135.0	91.2	77.2	105.3	984.3	56.5	40.4	72.6	1210.5	15.9	-58.0	89.7
2003	133.9	90.0	75.1	105.0	975.9	55.6	40.7	70.4	1148.8	15.0	-55.9	86.0
2004	131.7	88.4	74.1	102.6	971.9	54.7	39.0	70.4	1103.5	14.9	-53.7	83.5
2005	128.6	85.8	65.3	106.3	968.0	53.7	37.8	69.7	1073.7	14.7	-51.5	81.0
2006	123.8	82.4	63.9	100.9	964.7	53.3	35.8	70.8	1045.0	14.8	-51.0	80.6
2007	120.7	79.9	66.8	93.0	966.2	52.6	37.6	67.7	1026.6	14.5	-44.0	73.0
2008	119.1	78.1	61.7	94.4	974.3	51.8	35.0	68.6	1017.7	14.0	-47.7	75.8
2009	119.2	77.7	65.1	90.3	986.7	51.6	35.8	67.4	1025.2	13.6	-54.9	82.0
2010	118.0	75.5	54.9	96.2	997.9	50.8	33.0	68.7	1036.3	12.3	-46.8	71.3
2011	115.8	75.3	58.3	92.2	1010.1	52.4	35.3	69.5	1050.8	13.8	-51.0	78.7
2012	116.4	75.0	59.9	90.2	1033.2	52.8	37.0	68.7	1083.9	13.4	-51.8	78.6
2013	117.8	76.1	60.2	92.0	1060.1	54.1	37.8	70.3	1122.6	13.9	-53.5	81.4
2014	119.3	76.0	60.1	91.8	1075.8	53.3	37.1	69.6	1139.2	12.8	-53.5	79.0

Web Appendix 11 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	479.6	177.8	154.8	200.8	183.5	71.9	62.7	81.1	296.2	105.9	92.0	119.7
1991	474.4	178.3	158.6	197.9	182.9	72.6	64.7	80.5	291.5	105.7	93.9	117.4
1992	464.5	172.9	151.1	194.7	180.8	71.3	62.4	80.1	283.6	101.6	88.7	114.5
1993	446.0	165.8	147.8	183.9	176.3	69.1	61.7	76.6	269.7	96.7	86.1	107.2
1994	428.1	156.8	135.3	178.2	171.7	66.2	57.2	75.2	256.4	90.5	78.0	103.0
1995	409.3	153.6	136.9	170.3	167.4	65.7	58.6	72.9	241.9	87.9	78.2	97.5
1996	392.0	147.7	128.4	167.0	162.2	63.8	55.5	72.0	229.8	83.9	72.9	95.0
1997	375.5	140.2	125.7	154.6	156.5	61.0	54.7	67.2	219.0	79.2	71.0	87.3
1998	363.5	135.8	119.8	151.8	152.4	59.4	52.4	66.4	211.1	76.4	67.4	85.4
1999	355.1	133.4	119.3	147.4	149.0	58.4	52.3	64.5	206.1	75.0	67.0	82.9
2000	350.3	132.2	115.7	148.8	146.9	57.9	50.7	65.2	203.4	74.3	65.0	83.6
2001	344.6	128.3	114.8	141.8	144.3	56.2	50.3	62.2	200.2	72.1	64.5	79.6
2002	335.0	123.8	109.7	138.0	140.5	54.3	48.1	60.6	194.5	69.5	61.7	77.4
2003	326.8	121.7	110.0	133.4	136.4	53.1	47.9	58.3	190.4	68.6	62.0	75.1
2004	318.4	118.5	106.5	130.5	132.7	51.6	46.3	56.9	185.7	66.9	60.2	73.6
2005	310.5	116.1	105.2	127.0	129.6	50.6	45.7	55.4	180.9	65.5	59.5	71.5
2006	299.4	114.4	101.2	127.6	125.5	49.9	44.0	55.8	173.9	64.5	57.2	71.8
2007	291.9	112.2	101.2	123.3	122.7	49.0	44.1	54.0	169.2	63.2	57.1	69.3
2008	288.0	110.2	99.0	121.4	121.2	48.2	43.1	53.3	166.8	62.0	55.9	68.1
2009	287.1	108.5	97.6	119.3	121.2	47.6	42.7	52.6	165.9	60.8	54.9	66.7
2010	284.5	108.2	97.2	119.1	120.4	47.6	42.6	52.6	164.1	60.6	54.6	66.5
2011	281.0	107.9	97.8	118.0	119.5	47.6	43.0	52.3	161.5	60.3	54.8	65.7
2012	281.2	108.8	97.2	120.5	119.4	47.9	42.4	53.3	161.8	60.9	54.8	67.1
2013	282.9	109.0	99.0	119.0	119.9	47.8	43.1	52.5	163.0	61.2	55.8	66.5
2014	284.8	110.4	101.9	119.0	120.5	48.2	44.3	52.2	164.3	62.2	57.6	66.8

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 12. Standardized mortality from alcohol-attributable disease and injury categories for Azerbaijan, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	138.2	66.7	37.5	95.8	585.0	22.9	13.2	32.5	2086.7	54.5	-68.5	177.5
1991	149.4	77.4	44.9	109.8	599.4	25.7	14.8	36.5	2169.5	62.5	-58.4	183.4
1992	164.6	84.9	46.4	123.4	619.5	26.9	14.0	39.7	2287.1	67.1	-63.0	197.3
1993	180.9	86.8	47.4	126.1	636.1	25.2	14.0	36.4	2422.2	62.5	-69.4	194.3
1994	198.1	75.7	35.3	116.1	650.8	19.9	11.2	28.6	2533.8	51.2	-75.8	178.2
1995	214.0	70.5	27.4	113.6	661.0	17.2	10.2	24.2	2609.7	49.3	-71.1	169.7
1996	226.6	69.4	25.9	112.9	667.2	16.0	9.2	22.8	2643.6	49.9	-68.7	168.5
1997	234.0	75.2	27.0	123.3	674.3	17.0	9.9	24.1	2657.4	50.3	-64.6	165.3
1998	237.5	74.0	30.3	117.7	683.6	16.7	10.1	23.4	2674.9	51.8	-55.0	158.6
1999	240.4	74.1	30.7	117.5	694.8	16.7	9.9	23.5	2701.7	51.9	-71.5	175.3
2000	244.0	90.0	41.3	138.6	704.7	20.5	11.4	29.6	2739.5	56.3	-67.0	179.5
2001	248.1	62.5	21.7	103.3	715.4	13.4	8.5	18.2	2787.5	55.0	-54.5	164.4
2002	253.1	63.1	20.3	105.9	727.5	13.4	8.5	18.2	2845.6	56.9	-67.1	180.8
2003	258.2	64.9	12.3	117.6	741.0	14.0	9.0	19.0	2913.2	58.0	-60.4	176.5
2004	265.5	68.0	17.5	118.4	750.3	14.7	9.0	20.5	2981.2	58.9	-60.5	178.4
2005	268.6	71.0	19.4	122.6	752.9	15.6	9.2	22.1	3027.8	59.2	-63.1	181.4
2006	268.3	74.1	31.1	117.2	748.5	16.7	10.1	23.3	3044.2	59.2	-73.1	191.5
2007	266.2	77.6	32.9	122.3	739.0	17.8	10.8	24.8	3032.2	58.9	-85.2	203.0
2008	262.0	87.4	36.0	138.8	737.2	20.8	12.1	29.5	3021.6	59.8	-85.6	205.2
2009	257.9	94.6	47.6	141.7	732.5	23.2	13.4	32.9	3009.7	62.5	-87.0	212.0
2010	254.7	100.9	44.2	157.7	730.3	25.1	13.9	36.3	3001.3	63.8	-80.8	208.5
2011	252.8	99.0	47.3	150.8	732.5	25.4	14.8	35.9	3002.0	61.4	-90.3	213.0
2012	252.1	99.9	42.9	156.8	737.6	26.0	14.8	37.2	3009.3	60.8	-99.3	221.0
2013	252.7	101.6	51.0	152.2	746.4	26.9	16.4	37.5	3029.0	60.9	-93.1	214.9
2014	260.0	106.5	52.1	160.8	766.4	28.1	15.7	40.5	3129.2	63.0	-97.4	223.4

Web Appendix 12 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	443.9	85.3	73.6	97.0	84.1	22.1	19.1	25.1	359.8	63.2	54.5	71.9
1991	465.9	92.8	79.4	106.2	106.8	29.1	25.0	33.2	359.1	63.7	54.4	73.0
1992	498.8	106.4	92.0	120.9	148.4	42.8	37.2	48.4	350.4	63.7	54.8	72.6
1993	508.7	101.4	88.8	113.9	166.2	44.3	39.0	49.6	342.5	57.0	49.8	64.3
1994	495.8	87.4	78.5	96.3	164.2	38.6	34.9	42.4	331.6	48.7	43.6	53.9
1995	458.3	75.7	68.1	83.3	133.7	29.9	27.1	32.7	324.5	45.8	41.0	50.6
1996	421.6	67.2	60.0	74.5	110.9	24.2	21.8	26.7	310.8	43.0	38.2	47.8
1997	389.6	59.2	53.6	64.7	95.1	19.8	18.0	21.6	294.5	39.3	35.5	43.1
1998	362.2	56.2	50.8	61.7	83.7	17.8	16.1	19.6	278.5	38.4	34.7	42.2
1999	338.8	50.7	45.4	56.1	76.0	15.5	13.9	17.1	262.8	35.2	31.5	39.0
2000	321.2	48.8	42.2	55.4	70.7	14.4	12.5	16.3	250.5	34.4	29.7	39.1
2001	309.6	43.1	39.0	47.3	70.7	13.0	11.7	14.2	238.9	30.1	27.3	33.0
2002	305.5	42.9	38.9	47.0	70.7	12.9	11.7	14.1	234.8	30.0	27.2	32.9
2003	308.4	43.7	39.6	47.8	72.2	13.1	11.9	14.3	236.3	30.6	27.7	33.5
2004	312.3	44.9	40.3	49.4	73.6	13.3	12.0	14.7	238.7	31.5	28.3	34.8
2005	317.9	46.8	41.9	51.6	74.1	13.6	12.2	15.0	243.8	33.2	29.7	36.7
2006	321.2	48.7	42.6	54.7	73.4	13.7	12.0	15.4	247.8	35.0	30.6	39.3
2007	324.8	50.7	44.8	56.7	72.6	13.9	12.2	15.5	252.2	36.9	32.5	41.2
2008	323.8	53.1	46.5	59.6	71.9	14.2	12.5	16.0	251.9	38.8	34.0	43.7
2009	321.9	56.5	50.7	62.4	71.7	15.1	13.6	16.7	250.2	41.4	37.1	45.7
2010	320.1	57.1	48.2	66.0	71.4	15.2	12.9	17.6	248.7	41.9	35.3	48.4
2011	319.0	57.3	49.7	64.9	71.1	15.2	13.2	17.2	247.9	42.1	36.5	47.7
2012	317.5	57.6	48.8	66.5	70.7	15.2	12.9	17.5	246.8	42.4	35.9	49.0
2013	315.6	58.2	50.2	66.2	70.3	15.3	13.2	17.4	245.3	42.9	37.0	48.8
2014	319.6	59.2	50.8	67.7	70.9	15.5	13.3	17.7	248.7	43.8	37.5	50.0

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 13. Standardized mortality from alcohol-attributable disease and injury categories for Belarus, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	55.6	27.8	23.1	32.6	1112.7	65.7	53.0	78.4	2982.3	603.4	403.5	803.3
1991	59.3	29.9	24.5	35.4	1173.2	71.4	56.9	85.9	3159.0	659.3	405.5	913.0
1992	64.1	32.8	26.3	39.3	1240.7	78.0	63.5	92.4	3384.9	715.9	473.4	958.4
1993	69.9	36.2	29.4	43.1	1303.3	84.5	67.8	101.3	3629.2	800.4	498.7	1102.2
1994	75.9	39.4	33.4	45.5	1349.0	88.6	71.9	105.3	3822.4	836.1	534.4	1137.8
1995	81.7	42.4	36.0	48.9	1376.2	91.0	73.8	108.1	3960.5	852.4	525.5	1179.3
1996	87.7	46.2	38.8	53.7	1386.5	94.2	76.9	111.5	4052.5	901.7	580.6	1222.8
1997	94.6	50.8	41.8	59.8	1388.9	97.5	81.6	113.3	4125.4	947.8	625.4	1270.1
1998	103.3	56.6	48.2	64.9	1386.2	100.3	82.0	118.7	4203.8	998.9	637.1	1360.8
1999	114.1	63.3	52.4	74.2	1373.8	101.7	84.4	119.0	4257.4	1043.0	692.1	1393.8
2000	126.8	70.2	59.9	80.4	1352.7	99.7	82.4	117.1	4298.4	1043.6	717.8	1369.5
2001	142.4	78.0	65.8	90.2	1358.4	98.6	80.1	117.1	4375.9	1021.3	691.7	1351.0
2002	162.5	88.9	76.7	101.0	1357.9	98.7	80.0	117.4	4450.9	1085.9	803.9	1367.8
2003	177.5	97.6	83.3	111.8	1342.4	98.8	80.4	117.3	4444.0	1076.0	766.1	1385.9
2004	187.5	102.1	87.6	116.6	1323.2	96.7	79.2	114.3	4382.2	1063.7	757.1	1370.3
2005	197.3	108.1	90.5	125.7	1296.6	96.1	77.7	114.6	4286.0	1035.9	712.5	1359.3
2006	203.9	113.4	101.4	125.5	1265.1	97.0	78.2	115.7	4153.5	1047.7	750.8	1344.5
2007	210.2	119.7	101.7	137.6	1235.7	99.0	80.7	117.2	4021.6	1066.7	807.6	1325.9
2008	211.8	121.8	106.6	137.0	1216.6	99.1	79.6	118.5	3955.1	1070.3	771.4	1369.2
2009	214.1	123.4	109.5	137.2	1214.7	99.2	82.9	115.5	3964.3	1087.5	849.5	1325.5
2010	211.1	123.2	111.5	134.9	1228.6	103.0	84.6	121.4	3996.7	1156.4	913.9	1398.9
2011	210.5	124.9	111.5	138.2	1250.2	108.5	88.4	128.6	4067.2	1224.8	990.1	1459.6
2012	208.4	123.8	108.1	139.6	1272.2	110.8	90.9	130.7	4115.0	1241.2	1011.2	1471.3
2013	206.4	121.0	105.4	136.6	1296.7	110.6	89.4	131.8	4172.5	1226.5	963.0	1490.1
2014	207.8	120.4	106.1	134.7	1300.8	108.5	89.6	127.5	4183.6	1214.4	947.3	1481.6



Web Appendix 13 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	966.6	453.0	411.4	494.7	284.4	173.9	160.2	187.7	682.2	279.1	251.2	306.9
1991	1024.6	490.8	443.4	538.3	307.0	189.1	174.3	204.0	717.5	301.7	269.2	334.3
1992	1095.7	538.1	492.0	584.3	340.1	211.7	194.3	229.1	755.6	326.4	297.7	355.2
1993	1173.1	591.7	537.5	645.9	380.9	239.3	220.5	258.1	792.2	352.4	317.0	387.8
1994	1234.4	630.3	581.0	679.6	416.4	261.8	243.4	280.3	818.0	368.5	337.6	399.3
1995	1281.0	658.4	602.6	714.3	446.3	280.1	260.8	299.3	834.7	378.4	341.7	415.0
1996	1304.9	682.7	628.0	737.3	466.0	294.5	276.0	313.1	838.9	388.1	352.1	424.2
1997	1316.2	702.4	642.3	762.6	483.8	309.0	286.7	331.2	832.5	393.4	355.5	431.4
1998	1319.6	717.3	651.1	783.4	492.8	318.0	290.9	345.1	826.8	399.3	360.2	438.3
1999	1308.2	721.8	662.4	781.1	495.4	321.9	299.4	344.3	812.8	399.9	362.9	436.8
2000	1294.9	716.9	655.7	778.1	498.2	323.0	295.7	350.2	796.7	393.9	360.0	427.9
2001	1291.0	711.5	652.7	770.2	500.3	321.8	297.8	345.8	790.7	389.6	354.8	424.4
2002	1281.1	722.3	660.9	783.8	502.0	326.4	301.8	351.0	779.1	395.9	359.1	432.7
2003	1258.9	714.2	657.6	770.8	495.0	323.1	297.6	348.5	764.0	391.2	360.0	422.3
2004	1225.8	693.9	640.5	747.3	481.8	313.0	292.4	333.7	744.0	380.9	348.1	413.6
2005	1187.4	674.9	616.1	733.6	466.1	304.1	279.3	328.9	721.3	370.7	336.8	404.7
2006	1134.0	651.9	594.9	709.0	444.0	292.7	270.6	314.8	690.0	359.3	324.3	394.2
2007	1081.1	631.8	581.3	682.3	423.3	283.2	263.0	303.5	657.8	348.6	318.3	378.8
2008	1053.0	619.7	567.7	671.6	414.4	278.9	258.0	299.8	638.6	340.8	309.7	371.9
2009	1042.2	623.2	573.5	672.8	412.1	280.2	261.0	299.5	630.1	342.9	312.5	373.4
2010	1044.4	630.2	582.3	678.1	413.0	282.7	264.3	301.2	631.4	347.5	318.0	376.9
2011	1057.2	646.9	595.8	698.1	417.2	288.9	268.1	309.6	640.0	358.1	327.7	388.4
2012	1059.1	649.5	602.8	696.1	418.1	289.8	271.7	307.8	641.0	359.7	331.1	388.3
2013	1062.6	645.8	593.0	698.7	419.9	288.4	267.6	309.2	642.7	357.4	325.3	389.6
2014	1060.1	637.9	582.9	692.9	418.6	284.2	260.9	307.5	641.4	353.7	321.9	385.4

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 14. Standardized mortality from alcohol-attributable disease and injury categories for Belgium, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	75.1	51.7	43.2	60.2	1163.1	63.2	45.1	81.3	1188.6	1.7	-86.7	90.2
1991	75.5	52.0	44.1	59.8	1165.2	63.3	47.0	79.6	1168.1	3.4	-96.2	103.0
1992	77.5	53.1	45.4	60.9	1170.4	63.4	46.4	80.4	1153.2	3.4	-77.7	84.6
1993	79.7	54.5	47.0	62.0	1175.6	63.8	49.3	78.3	1146.4	3.6	-86.9	94.1
1994	82.0	55.8	47.5	64.2	1175.8	63.4	47.8	79.0	1140.1	3.9	-87.7	95.4
1995	83.3	56.3	49.0	63.6	1162.5	62.5	45.2	79.9	1133.7	3.2	-77.2	83.7
1996	83.8	56.7	49.0	64.3	1139.4	61.5	47.2	75.7	1124.9	3.3	-80.1	86.8
1997	85.0	56.9	47.9	65.9	1114.3	59.2	42.6	75.9	1115.2	2.5	-77.9	82.9
1998	85.1	56.6	48.1	65.0	1104.6	57.7	42.6	72.7	1107.6	2.7	-72.8	78.1
1999	86.3	57.3	46.9	67.6	1090.8	57.2	41.1	73.3	1104.7	2.7	-73.8	79.2
2000	87.9	59.2	49.8	68.7	1080.1	59.0	44.3	73.7	1095.6	4.1	-73.5	81.7
2001	88.5	59.8	50.8	68.7	1075.3	59.3	44.9	73.6	1074.3	4.9	-66.9	76.7
2002	88.4	59.7	50.6	68.9	1067.2	59.2	45.1	73.4	1042.1	5.3	-68.0	78.6
2003	87.4	59.2	51.4	67.1	1054.6	58.9	44.7	73.1	1003.4	6.2	-65.5	77.8
2004	86.0	58.2	50.6	65.8	1047.2	58.1	44.8	71.4	963.5	6.3	-62.1	74.6
2005	85.3	57.5	48.9	66.1	1043.9	57.7	43.0	72.4	937.5	6.2	-62.1	74.5
2006	85.5	57.2	48.1	66.3	1051.0	57.2	43.1	71.4	924.7	5.9	-57.6	69.3
2007	86.9	57.9	50.2	65.6	1066.9	57.6	43.0	72.2	925.5	5.9	-58.0	69.8
2008	88.7	58.7	49.8	67.6	1085.5	57.9	43.7	72.2	929.6	3.4	-61.6	68.4
2009	88.5	58.5	49.4	67.6	1096.2	58.1	42.7	73.5	926.1	3.9	-61.9	69.6
2010	86.5	56.9	48.3	65.6	1099.9	57.7	43.8	71.6	916.9	2.3	-68.0	72.5
2011	85.1	56.1	48.5	63.8	1101.4	58.0	44.0	72.1	919.0	2.4	-61.0	65.8
2012	84.4	56.8	47.7	65.9	1108.3	60.3	45.6	75.1	926.2	4.0	-64.1	72.2
2013	84.4	58.3	50.1	66.4	1119.6	64.4	47.4	81.5	940.2	5.0	-69.8	79.7
2014	85.3	60.7	52.5	68.9	1133.2	69.0	52.7	85.2	953.0	8.6	-68.2	85.4

Web Appendix 14 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	466.1	167.3	151.1	183.6	175.8	68.8	62.1	75.5	290.2	98.5	89.0	108.1
1991	464.3	165.0	147.9	182.1	176.8	68.5	61.3	75.7	287.5	96.5	86.5	106.4
1992	463.1	165.5	150.1	180.8	178.7	69.7	63.3	76.2	284.4	95.8	86.9	104.7
1993	462.4	165.6	144.9	186.3	181.5	70.9	61.9	79.9	280.9	94.7	83.0	106.5
1994	460.5	164.3	145.4	183.3	183.5	71.3	63.0	79.6	277.0	93.0	82.3	103.7
1995	454.6	162.7	147.6	177.8	184.5	71.8	65.1	78.6	270.1	90.9	82.5	99.2
1996	445.8	159.3	142.7	176.0	184.4	71.7	64.2	79.3	261.3	87.6	78.5	96.6
1997	442.5	158.2	140.4	176.0	183.4	71.3	63.2	79.5	259.1	86.9	77.3	96.5
1998	442.7	154.9	139.4	170.4	183.3	69.9	62.8	76.9	259.4	85.0	76.6	93.5
1999	442.7	156.4	142.0	170.7	182.5	70.1	63.5	76.7	260.2	86.3	78.5	94.1
2000	440.2	160.9	145.3	176.5	181.4	71.9	64.8	79.0	258.8	89.0	80.5	97.5
2001	435.2	159.6	142.6	176.6	179.4	71.2	63.5	79.0	255.9	88.4	79.1	97.6
2002	425.8	159.0	144.0	174.1	175.6	70.9	64.2	77.7	250.1	88.1	79.8	96.4
2003	414.9	155.0	140.0	170.0	171.7	69.3	62.5	76.1	243.2	85.7	77.5	93.9
2004	401.3	150.5	135.6	165.4	166.4	67.4	60.6	74.3	234.9	83.1	75.0	91.2
2005	392.4	147.5	133.0	162.0	163.3	66.4	59.7	73.1	229.0	81.2	73.4	89.0
2006	388.0	146.2	132.7	159.8	161.6	65.8	59.6	72.1	226.4	80.4	73.1	87.7
2007	389.4	146.4	130.9	161.9	162.1	65.9	58.6	73.1	227.2	80.5	72.3	88.7
2008	392.0	140.8	126.4	155.2	163.6	63.7	57.0	70.3	228.4	77.1	69.4	84.9
2009	389.5	138.3	123.3	153.3	163.2	62.9	55.9	69.9	226.3	75.4	67.5	83.4
2010	382.0	132.1	118.6	145.7	160.5	60.4	54.0	66.8	221.6	71.7	64.6	78.9
2011	377.6	131.4	119.9	142.9	158.7	60.2	54.8	65.5	218.9	71.2	65.1	77.4
2012	374.8	131.3	118.1	144.4	157.3	60.1	53.9	66.4	217.5	71.1	64.2	78.0
2013	374.2	132.4	117.6	147.2	156.8	60.6	53.6	67.6	217.3	71.8	64.0	79.6
2014	376.7	137.7	124.1	151.3	157.6	62.8	56.5	69.1	219.1	74.9	67.7	82.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 15. Standardized mortality from alcohol-attributable disease and injury categories for Bosnia and Herzegovina, 1990–2014**  
(overall age-standardized rate and rate of alcohol-attributable causes of death per million)

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	109.4	84.0	75.7	92.4	886.2	49.4	39.3	59.6	1751.4	110.9	-3.5	225.2
1993	107.7	81.2	72.7	89.6	866.6	46.2	37.5	54.8	1728.9	100.0	-8.5	208.5
1994	104.7	78.0	69.2	86.8	847.7	44.2	35.1	53.2	1705.3	93.8	-14.5	202.1
1995	101.9	76.3	67.3	85.3	841.2	44.6	36.9	52.3	1694.5	95.1	-9.3	199.4
1996	97.7	73.9	66.3	81.6	841.4	46.1	37.0	55.3	1679.0	97.6	-10.5	205.6
1997	94.5	71.4	62.8	80.0	852.1	46.9	36.6	57.2	1666.7	96.5	-12.2	205.2
1998	93.2	69.6	60.0	79.3	880.9	46.9	36.4	57.4	1691.2	94.0	-13.5	201.4
1999	92.2	65.8	52.9	78.7	917.5	44.8	32.6	57.0	1737.6	80.3	-22.2	182.9
2000	90.9	51.8	38.5	65.1	949.6	32.2	23.7	40.7	1779.4	48.6	-35.8	133.0
2001	88.9	53.2	41.3	65.0	976.5	35.4	26.7	44.1	1805.1	53.9	-25.7	133.4
2002	86.8	52.6	39.9	65.3	1004.4	37.1	26.9	47.4	1829.2	56.0	-34.2	146.2
2003	85.0	52.0	38.8	65.2	1031.1	38.9	28.5	49.4	1863.7	58.0	-30.5	146.6
2004	84.3	52.7	40.5	64.8	1061.5	41.4	29.7	53.1	1911.9	61.7	-38.2	161.6
2005	84.8	53.8	40.9	66.8	1095.3	44.2	31.8	56.6	1966.0	65.5	-34.8	165.8
2006	86.0	55.6	44.3	66.8	1127.6	47.2	33.9	60.6	2018.6	70.0	-38.8	178.8
2007	85.6	56.0	46.4	65.5	1148.9	49.5	37.5	61.4	2040.6	72.2	-30.5	174.9
2008	82.8	54.0	42.8	65.1	1152.5	49.7	36.3	63.1	2013.4	70.6	-30.5	171.7
2009	79.5	51.0	39.0	63.0	1151.1	48.7	34.9	62.4	1987.4	67.3	-32.0	166.7
2010	76.0	48.2	37.1	59.2	1146.0	47.8	34.5	61.1	1963.4	64.6	-29.4	158.5
2011	72.7	45.9	35.5	56.3	1135.1	47.8	33.3	62.2	1926.1	62.9	-27.8	153.5
2012	71.3	44.6	34.5	54.7	1124.8	46.6	33.4	59.9	1931.1	61.5	-37.2	160.1
2013	70.9	43.8	33.6	53.9	1125.3	45.4	33.5	57.4	1967.7	60.8	-35.6	157.2
2014	71.3	43.3	32.0	54.7	1134.4	44.8	31.6	58.0	2001.3	59.8	-37.3	156.9

Web Appendix 15 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	466.9	128.7	110.7	146.7	154.2	50.7	43.6	57.7	312.7	78.0	67.1	89.0
1993	440.4	115.9	93.8	138.1	145.9	45.7	37.0	54.3	294.5	70.3	56.8	83.8
1994	412.5	107.1	89.6	124.6	138.0	42.5	35.6	49.3	274.5	64.6	54.0	75.2
1995	386.9	101.7	84.5	118.9	131.3	40.9	34.0	47.7	255.6	60.8	50.4	71.2
1996	366.0	100.2	86.4	113.9	126.5	41.0	35.4	46.5	239.4	59.2	51.0	67.4
1997	349.4	97.7	82.2	113.1	124.7	40.7	34.3	47.2	224.7	56.9	47.9	66.0
1998	331.6	89.5	77.3	101.7	123.0	38.7	33.5	43.9	208.6	50.8	43.8	57.8
1999	311.1	81.5	69.9	93.1	120.4	36.7	31.5	41.9	190.7	44.8	38.4	51.2
2000	289.3	60.5	51.9	69.1	117.6	28.5	24.5	32.5	171.7	32.0	27.4	36.5
2001	270.3	58.1	50.0	66.1	115.2	28.7	24.8	32.7	155.0	29.4	25.3	33.5
2002	260.1	56.0	47.3	64.7	114.0	28.5	24.1	33.0	146.0	27.4	23.2	31.7
2003	251.7	54.9	46.7	63.2	112.8	28.6	24.4	32.9	138.8	26.3	22.4	30.2
2004	248.2	55.3	47.5	63.0	112.6	29.0	25.0	33.1	135.6	26.2	22.6	29.9
2005	254.1	57.9	50.2	65.6	115.7	30.3	26.3	34.4	138.4	27.6	23.9	31.2
2006	259.3	60.7	52.1	69.4	117.8	31.5	27.0	36.0	141.5	29.2	25.0	33.4
2007	261.8	62.7	51.8	73.6	118.7	32.3	26.7	38.0	143.1	30.4	25.1	35.6
2008	260.8	62.8	52.8	72.9	118.1	32.2	27.0	37.4	142.8	30.6	25.7	35.5
2009	256.6	60.8	52.6	69.0	116.2	31.1	26.9	35.4	140.4	29.7	25.7	33.7
2010	250.8	59.1	51.2	67.0	113.7	30.2	26.1	34.3	137.1	28.8	25.0	32.7
2011	243.0	57.9	49.2	66.6	111.1	29.6	25.1	34.1	131.9	28.3	24.1	32.5
2012	232.8	55.3	47.2	63.4	107.6	28.6	24.3	32.8	125.2	26.7	22.8	30.6
2013	228.0	53.2	45.2	61.2	106.2	27.7	23.5	31.9	121.8	25.5	21.7	29.3
2014	227.0	52.4	44.6	60.1	105.7	27.2	23.2	31.3	121.2	25.1	21.4	28.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 16. Standardized mortality from alcohol-attributable disease and injury categories for Bulgaria, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	138.9	101.8	90.5	113.0	1143.2	69.8	54.7	84.9	3408.7	173.7	-16.1	363.4
1991	139.9	101.1	89.0	113.2	1146.8	67.6	53.9	81.4	3429.8	167.4	-35.0	369.8
1992	146.9	106.0	93.9	118.0	1159.5	69.1	54.5	83.7	3513.6	166.7	-39.3	372.7
1993	156.2	113.2	97.5	128.9	1179.5	71.0	55.8	86.2	3624.6	173.0	-21.8	367.7
1994	163.0	117.8	102.3	133.4	1195.0	72.0	57.3	86.8	3713.0	174.8	-34.2	383.7
1995	163.6	117.9	100.5	135.3	1195.6	72.0	57.2	86.7	3768.7	174.2	-26.5	374.8
1996	161.9	115.1	98.2	132.0	1195.9	70.6	54.6	86.6	3782.0	168.8	-37.0	374.7
1997	160.1	112.0	94.1	130.0	1194.5	68.1	52.7	83.4	3785.9	163.0	-37.2	363.1
1998	154.9	107.1	92.2	122.1	1183.2	66.1	52.2	80.0	3718.9	154.6	-31.2	340.3
1999	146.8	102.2	87.9	116.6	1166.9	65.6	51.5	79.6	3620.9	156.3	-26.3	338.8
2000	142.0	101.3	86.8	115.9	1154.6	69.4	55.3	83.4	3577.5	166.0	-21.8	353.8
2001	139.1	101.0	88.4	113.7	1146.3	72.1	56.2	88.0	3527.5	174.6	-24.1	373.2
2002	136.3	99.9	88.1	111.6	1143.7	72.4	57.3	87.6	3461.6	177.0	-13.9	367.8
2003	135.6	100.0	87.6	112.4	1148.4	74.3	59.0	89.6	3402.9	176.6	-17.1	370.3
2004	138.0	102.1	91.0	113.2	1165.2	75.6	59.9	91.3	3383.1	177.3	-29.4	383.9
2005	141.9	105.0	93.1	116.8	1187.1	76.7	60.1	93.3	3386.0	175.7	-27.0	378.3
2006	145.3	107.8	94.3	121.2	1198.9	77.8	60.6	95.0	3347.2	174.3	-20.6	369.2
2007	147.2	109.7	96.5	123.0	1197.2	79.0	62.9	95.0	3274.6	172.7	-13.3	358.7
2008	147.4	110.4	97.6	123.1	1190.6	79.1	62.5	95.6	3200.0	170.5	-15.1	356.1
2009	146.4	109.5	97.9	121.2	1182.2	78.1	61.8	94.5	3149.3	166.5	-8.6	341.7
2010	144.4	107.8	96.8	118.7	1170.8	76.9	60.0	93.8	3104.2	161.8	-18.0	341.6
2011	141.8	106.0	94.8	117.2	1155.9	76.0	60.9	91.1	3061.1	158.9	-10.3	328.1
2012	139.1	104.7	92.3	117.0	1142.2	76.4	60.1	92.7	3024.8	159.7	-23.7	343.2
2013	135.1	102.3	89.0	115.6	1125.2	77.3	61.5	93.1	3005.4	161.6	-21.3	344.6
2014	134.7	102.4	91.0	113.7	1124.0	77.7	60.8	94.7	3018.7	164.5	-21.7	350.7

Web Appendix 16 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	634.5	180.5	160.0	200.9	198.9	62.1	55.1	69.1	435.6	118.4	104.9	131.8
1991	642.4	170.9	148.8	193.1	203.8	60.3	52.4	68.1	438.6	110.7	96.3	125.0
1992	650.4	177.9	151.9	203.8	209.2	62.9	53.7	72.0	441.2	115.0	98.2	131.8
1993	665.8	183.7	161.1	206.4	215.1	64.6	56.6	72.6	450.7	119.2	104.5	133.8
1994	684.6	188.0	163.9	212.1	220.0	65.8	57.3	74.2	464.6	122.2	106.6	137.8
1995	666.9	184.8	158.1	211.6	218.2	65.1	55.7	74.5	448.8	119.7	102.4	137.1
1996	663.3	178.8	156.3	201.3	217.9	63.8	55.8	71.8	445.4	115.1	100.6	129.5
1997	652.5	168.6	143.2	194.0	214.6	60.6	51.4	69.7	437.9	108.0	91.8	124.3
1998	607.3	158.1	138.1	178.1	203.9	57.2	49.9	64.5	403.4	100.9	88.2	113.6
1999	578.5	148.7	130.0	167.4	192.1	53.8	47.0	60.5	386.4	95.0	83.0	106.9
2000	547.5	151.3	123.5	179.0	182.7	54.8	44.7	64.9	364.8	96.5	78.9	114.2
2001	526.6	151.1	127.3	174.8	174.0	54.3	45.7	62.8	352.5	96.8	81.7	112.0
2002	499.4	144.5	125.5	163.6	164.3	51.3	44.4	58.2	335.2	93.2	81.1	105.4
2003	479.5	143.8	127.6	160.0	156.0	50.2	44.5	56.0	323.5	93.6	83.1	104.0
2004	469.8	141.2	118.9	163.4	149.8	48.3	40.6	56.0	320.0	92.9	78.3	107.4
2005	456.2	137.7	118.3	157.2	144.4	46.3	39.7	52.9	311.8	91.4	78.6	104.3
2006	442.8	135.0	117.2	152.7	138.3	44.7	38.8	50.6	304.5	90.3	78.4	102.1
2007	425.6	132.8	113.9	151.6	132.1	43.7	37.4	50.0	293.4	89.1	76.5	101.6
2008	408.5	129.0	113.1	145.0	127.1	42.6	37.2	47.9	281.5	86.4	75.8	97.0
2009	395.6	123.4	109.3	137.6	123.6	41.3	36.5	46.0	272.0	82.2	72.8	91.5
2010	378.4	117.3	101.8	132.7	119.5	39.8	34.5	45.1	258.9	77.5	67.3	87.7
2011	359.7	112.3	98.8	125.8	116.2	38.7	34.0	43.4	243.6	73.6	64.8	82.3
2012	345.2	109.7	91.3	128.0	113.9	38.5	32.0	45.0	231.3	71.2	59.3	83.0
2013	338.6	109.8	93.9	125.7	112.6	39.0	33.3	44.8	226.1	70.8	60.6	81.0
2014	335.0	109.0	91.8	126.2	111.4	38.8	32.6	45.0	223.6	70.2	59.2	81.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 17. Standardized mortality from alcohol-attributable disease and injury categories for Croatia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	244.0	193.4	176.0	210.9	1308.1	112.1	93.7	130.5	2213.7	96.6	-85.5	278.7
1991	241.9	191.7	174.0	209.4	1324.3	113.5	95.4	131.5	2214.9	98.3	-92.3	288.9
1992	238.0	185.0	165.4	204.7	1338.8	110.0	91.8	128.3	2217.7	87.7	-70.0	245.4
1993	233.5	179.6	160.1	199.1	1352.3	109.1	90.5	127.8	2228.1	81.6	-104.0	267.2
1994	227.8	174.5	155.3	193.7	1358.7	109.1	88.6	129.6	2217.4	78.4	-93.0	249.8
1995	224.8	171.7	153.6	189.8	1368.8	109.3	89.1	129.5	2216.6	78.9	-86.5	244.2
1996	223.1	171.5	153.7	189.2	1375.7	111.0	91.8	130.2	2207.9	82.5	-99.9	265.0
1997	221.4	172.3	155.4	189.2	1379.1	115.3	95.1	135.4	2183.2	86.1	-100.1	272.3
1998	220.0	171.9	156.9	186.9	1374.0	115.8	96.6	134.9	2133.3	86.0	-97.2	269.2
1999	214.8	167.1	150.2	183.9	1363.1	112.9	93.4	132.3	2068.1	83.3	-89.4	256.0
2000	204.7	157.8	140.6	175.1	1346.5	109.3	87.5	131.1	1988.0	73.7	-87.1	234.5
2001	194.8	150.7	136.0	165.3	1324.8	107.8	87.3	128.2	1914.9	71.4	-78.8	221.5
2002	186.7	144.8	129.0	160.6	1311.4	106.7	85.6	127.8	1861.5	68.2	-93.0	229.3
2003	179.0	138.7	126.9	150.5	1300.0	105.3	84.2	126.4	1819.4	63.8	-87.3	214.8
2004	174.0	133.7	118.2	149.1	1298.3	102.6	82.9	122.4	1790.7	57.6	-81.9	197.1
2005	173.4	132.0	117.6	146.3	1309.1	100.9	82.4	119.4	1789.7	53.6	-88.7	195.9
2006	176.3	133.9	119.8	148.0	1326.7	101.5	82.8	120.3	1807.8	50.9	-85.5	187.4
2007	179.3	136.5	120.8	152.1	1348.1	103.6	81.9	125.2	1832.2	50.0	-95.0	194.9
2008	178.5	136.1	122.0	150.3	1358.1	104.1	83.5	124.8	1831.2	50.1	-89.3	189.6
2009	172.2	130.7	115.8	145.6	1354.3	102.2	81.3	123.1	1808.3	47.2	-94.2	188.5
2010	164.1	124.5	110.9	138.1	1340.4	100.4	79.6	121.3	1773.2	45.3	-92.9	183.4
2011	156.7	118.4	105.1	131.6	1328.1	98.6	77.2	119.9	1748.6	40.8	-104.8	186.4
2012	152.8	115.5	103.6	127.3	1322.4	97.7	78.0	117.4	1748.3	40.9	-99.4	181.1
2013	151.8	114.5	100.3	128.7	1322.1	97.5	75.6	119.4	1767.8	38.9	-97.5	175.2
2014	152.4	112.9	100.6	125.1	1331.1	94.2	74.0	114.5	1795.7	33.4	-101.7	168.4



Web Appendix 17 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	750.2	230.7	198.2	263.3	239.5	79.6	68.1	91.0	510.7	151.2	130.0	172.3
1991	736.0	217.1	181.3	252.9	241.6	76.8	63.9	89.6	494.4	140.3	117.4	163.3
1992	725.4	200.6	162.5	238.6	245.8	73.2	59.1	87.2	479.7	127.4	103.4	151.3
1993	696.0	191.1	161.8	220.3	244.9	72.0	60.8	83.2	451.1	119.0	101.0	137.1
1994	669.7	184.0	155.2	212.8	242.0	71.4	60.1	82.7	427.7	112.6	95.1	130.0
1995	638.3	172.7	142.4	203.1	236.3	68.5	56.4	80.7	402.0	104.2	86.0	122.4
1996	618.2	169.7	144.5	194.9	232.6	68.5	58.3	78.7	385.6	101.2	86.2	116.2
1997	606.9	175.9	149.8	201.9	228.0	71.1	60.4	81.8	378.8	104.8	89.4	120.1
1998	575.4	171.3	141.6	201.1	219.0	69.8	57.5	82.1	356.5	101.5	84.1	119.0
1999	548.5	157.4	126.8	188.1	208.3	63.9	51.3	76.6	340.3	93.5	75.5	111.5
2000	526.1	152.8	129.2	176.4	197.2	61.3	51.6	70.9	328.9	91.5	77.6	105.5
2001	512.3	151.1	127.2	174.9	188.8	59.5	49.9	69.2	323.6	91.5	77.4	105.7
2002	489.1	143.1	122.0	164.3	178.2	55.8	47.4	64.2	310.9	87.3	74.6	100.0
2003	466.8	138.9	120.9	156.8	169.6	53.8	46.7	61.0	297.1	85.0	74.2	95.8
2004	456.3	133.5	114.2	152.8	164.1	51.2	43.6	58.9	292.3	82.3	70.6	93.9
2005	451.0	127.5	108.6	146.4	160.8	48.5	41.1	55.9	290.2	79.0	67.5	90.5
2006	444.9	127.5	106.7	148.2	158.0	48.2	40.1	56.3	287.0	79.2	66.6	91.9
2007	447.5	131.4	109.8	153.1	156.7	49.1	40.8	57.4	290.7	82.3	69.0	95.6
2008	436.0	128.1	106.7	149.6	153.3	48.1	39.8	56.3	282.7	80.1	66.9	93.3
2009	429.3	124.2	103.2	145.2	150.7	46.8	38.7	54.9	278.6	77.4	64.5	90.3
2010	404.1	116.4	100.1	132.8	144.2	44.6	38.2	51.0	259.9	71.8	61.9	81.7
2011	390.5	110.4	92.1	128.8	140.5	42.7	35.4	50.0	250.0	67.7	56.7	78.7
2012	379.2	106.2	89.1	123.2	138.2	41.6	34.8	48.5	241.0	64.6	54.3	74.8
2013	377.7	107.8	91.4	124.3	137.9	42.3	35.8	48.9	239.8	65.5	55.6	75.5
2014	377.3	105.4	91.1	119.6	137.3	41.2	35.4	47.0	240.0	64.2	55.6	72.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 18. Standardized mortality from alcohol-attributable disease and injury categories for Cyprus, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	23.0	14.4	12.1	16.6	376.8	14.0	10.8	17.2	1015.9	26.2	-18.3	70.6
1991	23.4	14.8	12.3	17.2	383.1	14.3	10.9	17.8	1040.1	27.9	-22.1	77.9
1992	24.2	15.2	12.3	18.1	391.2	15.0	10.9	19.1	1076.5	28.4	-26.8	83.7
1993	25.4	16.1	13.2	19.0	402.5	15.3	11.7	18.9	1124.8	30.5	-30.0	91.1
1994	26.2	16.4	13.6	19.2	414.9	15.6	12.0	19.3	1168.6	31.2	-26.2	88.6
1995	27.1	16.7	14.0	19.5	423.8	15.8	11.6	19.9	1200.4	30.9	-32.7	94.5
1996	27.6	16.8	13.5	20.1	429.6	15.4	11.3	19.5	1218.8	30.7	-27.9	89.4
1997	28.3	17.0	14.1	19.9	437.2	15.4	11.3	19.4	1223.0	30.0	-32.1	92.0
1998	29.1	17.6	13.7	21.5	445.6	15.9	11.8	20.0	1216.4	30.2	-30.1	90.4
1999	29.2	18.0	14.5	21.4	450.8	16.5	12.2	20.7	1204.5	31.2	-29.0	91.5
2000	31.7	19.8	16.1	23.4	455.7	17.5	13.3	21.6	1171.5	30.7	-32.5	94.0
2001	32.6	21.0	17.1	24.8	477.8	19.5	14.5	24.4	1099.7	30.2	-30.2	90.7
2002	33.3	21.5	18.1	24.9	496.5	21.0	15.3	26.7	1035.5	27.8	-36.2	91.9
2003	33.8	22.5	19.0	25.9	511.8	22.5	17.3	27.7	981.9	29.3	-26.0	84.6
2004	34.4	22.7	18.7	26.6	527.1	23.5	17.6	29.5	939.7	26.0	-37.8	89.8
2005	34.5	22.9	20.0	25.9	537.3	23.9	18.7	29.1	918.5	26.4	-28.1	80.8
2006	34.1	22.4	18.1	26.6	552.1	24.5	18.2	30.7	902.1	24.6	-33.0	82.1
2007	33.5	22.1	18.3	25.9	569.0	25.6	19.1	32.1	895.6	22.4	-36.7	81.4
2008	33.8	22.2	18.0	26.4	587.5	26.2	18.8	33.6	890.9	21.4	-39.1	82.0
2009	33.6	22.0	18.9	25.0	606.4	26.6	20.4	32.9	890.5	19.1	-34.7	73.0
2010	33.4	21.6	18.0	25.1	620.8	26.7	19.4	34.0	892.3	17.5	-41.2	76.2
2011	33.0	21.2	17.5	25.0	632.8	26.8	19.7	33.9	897.1	17.8	-39.1	74.6
2012	33.0	21.1	17.4	24.8	639.7	26.8	19.4	34.2	906.3	17.6	-37.4	72.5
2013	33.0	21.2	18.2	24.3	648.2	27.3	20.0	34.7	920.4	18.0	-53.0	89.1
2014	33.9	22.1	18.4	25.9	664.8	28.5	21.1	35.9	944.7	19.6	-43.3	82.4

Web Appendix 18 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	204.4	55.8	48.6	63.1	11.7	3.8	3.3	4.3	192.7	52.1	45.3	58.8
1991	203.1	55.8	48.3	63.3	11.7	3.8	3.3	4.3	191.4	52.0	45.0	59.0
1992	202.9	58.4	52.3	64.4	11.4	3.9	3.5	4.3	191.5	54.4	48.8	60.1
1993	204.4	58.3	51.1	65.4	11.5	3.9	3.4	4.4	192.9	54.4	47.7	61.0
1994	205.5	59.7	52.5	66.9	11.6	4.0	3.5	4.5	193.9	55.7	49.0	62.4
1995	206.1	60.8	54.5	67.2	11.7	4.1	3.6	4.5	194.4	56.8	50.9	62.7
1996	204.2	59.8	52.9	66.8	11.7	4.0	3.6	4.5	192.5	55.8	49.3	62.3
1997	204.1	60.4	53.8	67.1	11.9	4.1	3.6	4.5	192.2	56.4	50.2	62.6
1998	202.7	61.8	55.1	68.4	12.2	4.3	3.8	4.8	190.5	57.5	51.3	63.7
1999	198.9	62.3	55.1	69.4	12.0	4.3	3.8	4.8	186.9	58.0	51.4	64.7
2000	199.6	64.9	57.7	72.0	15.2	5.7	5.1	6.4	184.4	59.1	52.6	65.7
2001	197.7	66.4	59.9	73.0	17.9	6.8	6.1	7.5	179.8	59.6	53.8	65.5
2002	197.7	68.7	61.0	76.4	20.2	8.0	7.1	8.8	177.5	60.7	53.9	67.6
2003	198.5	68.6	61.3	76.0	23.2	8.9	7.9	9.8	175.3	59.8	53.4	66.2
2004	201.2	73.0	64.5	81.5	25.5	10.0	8.8	11.2	175.7	63.0	55.6	70.3
2005	202.0	72.1	62.9	81.4	27.2	10.6	9.2	12.0	174.7	61.6	53.7	69.4
2006	198.9	71.6	63.7	79.5	28.6	11.2	9.9	12.4	170.3	60.4	53.7	67.1
2007	197.9	73.0	65.6	80.3	29.6	11.7	10.5	13.0	168.4	61.3	55.1	67.4
2008	196.9	73.4	66.8	80.1	30.7	12.3	11.2	13.4	166.2	61.1	55.6	66.7
2009	195.2	70.3	63.6	77.0	31.7	12.2	11.0	13.4	163.5	58.1	52.6	63.6
2010	191.3	68.8	62.1	75.5	31.2	12.0	10.8	13.2	160.2	56.8	51.3	62.3
2011	189.7	66.5	60.4	72.7	31.0	11.7	10.6	12.9	158.7	54.8	49.8	59.8
2012	187.0	65.2	58.2	72.3	30.8	11.6	10.3	12.9	156.2	53.6	47.9	59.4
2013	186.3	65.0	58.2	71.8	30.7	11.7	10.5	13.0	155.6	53.2	47.7	58.8
2014	188.9	66.1	58.1	74.1	31.1	11.9	10.4	13.3	157.8	54.2	47.7	60.8

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 19. Standardized mortality from alcohol-attributable disease and injury categories for the Czech Republic, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	125.9	97.0	86.9	107.1	1282.5	89.8	69.0	110.7	2602.8	-8.6	-265.6	248.5
1991	125.8	95.8	85.6	105.9	1292.1	89.1	69.2	109.0	2553.9	-16.4	-277.9	245.1
1992	122.4	93.7	85.6	101.8	1285.5	90.1	70.7	109.5	2465.2	-14.7	-260.7	231.3
1993	118.9	91.3	82.2	100.4	1274.7	90.2	70.0	110.5	2379.6	-13.5	-258.1	231.1
1994	118.3	90.8	81.5	100.1	1268.7	90.1	72.0	108.2	2324.2	-14.4	-240.7	211.8
1995	119.8	92.4	83.0	101.7	1257.2	90.3	71.0	109.5	2292.7	-13.7	-261.4	234.0
1996	120.8	93.6	82.6	104.5	1265.6	92.1	71.8	112.4	2233.8	-12.7	-237.6	212.1
1997	122.6	95.4	85.1	105.6	1266.3	93.2	73.3	113.1	2176.9	-11.7	-241.6	218.1
1998	124.5	97.2	87.5	106.9	1260.2	93.4	73.8	113.1	2115.1	-10.8	-243.0	221.3
1999	126.6	99.2	88.3	110.2	1253.8	93.5	74.1	113.0	2071.5	-9.2	-234.2	215.8
2000	129.6	102.5	92.0	113.1	1248.0	95.3	75.3	115.2	2042.0	-4.0	-215.8	207.8
2001	131.6	103.9	94.2	113.6	1262.2	96.3	74.6	118.0	1998.1	-5.1	-212.9	202.7
2002	134.2	105.9	95.7	116.0	1274.3	97.5	74.2	120.7	1952.8	-4.7	-213.2	203.7
2003	136.6	107.8	97.3	118.4	1281.1	98.3	76.1	120.6	1906.6	5.2	-176.8	187.2
2004	136.8	107.9	96.9	118.9	1278.3	97.9	77.5	118.3	1852.1	5.3	-151.7	162.2
2005	135.8	107.1	97.9	116.3	1267.8	97.2	75.9	118.5	1801.8	5.5	-151.2	162.2
2006	135.2	106.7	96.6	116.7	1259.8	96.5	76.6	116.4	1759.3	5.7	-142.8	154.1
2007	136.3	107.5	97.9	117.1	1258.2	96.2	74.4	118.0	1744.0	5.8	-145.9	157.5
2008	137.2	108.2	98.0	118.4	1260.1	96.0	75.7	116.3	1741.6	5.6	-155.2	166.4
2009	135.9	106.7	96.3	117.1	1257.3	94.4	73.6	115.2	1735.6	3.6	-151.6	158.7
2010	133.2	104.0	92.3	115.7	1251.0	92.4	71.2	113.6	1727.1	1.1	-153.6	155.9
2011	128.5	99.9	91.3	108.6	1241.9	90.7	70.8	110.6	1719.4	-0.7	-163.5	162.0
2012	123.3	95.5	84.4	106.7	1238.5	89.3	69.5	109.1	1717.5	-2.5	-150.8	145.8
2013	120.2	93.0	84.6	101.4	1249.0	89.4	69.8	109.0	1750.4	-4.1	-154.1	145.9
2014	121.1	93.6	84.1	103.2	1268.7	90.1	68.5	111.7	1785.5	-4.7	-169.5	160.1

Web Appendix 19 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	591.1	148.9	125.1	172.6	181.3	52.2	43.6	60.7	409.8	96.7	81.5	111.9
1991	593.2	148.9	122.8	175.1	182.0	52.1	42.6	61.5	411.3	96.9	80.2	113.6
1992	579.4	149.4	126.3	172.6	178.5	52.2	44.0	60.5	400.9	97.2	82.2	112.1
1993	559.4	144.9	122.0	167.8	173.7	50.8	42.5	59.0	385.7	94.1	79.4	108.9
1994	546.6	143.5	123.5	163.5	169.7	50.0	42.8	57.2	376.9	93.5	80.6	106.3
1995	536.8	143.6	120.7	166.6	165.3	49.3	41.3	57.3	371.5	94.3	79.4	109.2
1996	517.4	142.8	117.3	168.3	159.8	48.6	39.9	57.4	357.5	94.2	77.5	110.9
1997	507.9	142.1	119.1	165.1	156.6	48.3	40.4	56.3	351.3	93.8	78.7	108.8
1998	487.7	137.9	116.8	159.0	152.2	47.2	39.9	54.5	335.5	90.7	76.9	104.5
1999	473.5	135.7	113.9	157.5	149.2	46.7	39.1	54.4	324.3	89.0	74.8	103.1
2000	466.4	136.5	116.9	156.1	147.7	47.1	40.3	54.0	318.7	89.3	76.6	102.1
2001	458.9	135.5	116.9	154.1	145.9	47.0	40.5	53.4	312.9	88.5	76.4	100.7
2002	454.0	134.6	115.2	154.0	144.5	46.7	39.9	53.5	309.6	87.9	75.3	100.5
2003	446.3	157.0	136.3	177.7	143.8	54.8	47.4	62.1	302.5	102.2	88.8	115.6
2004	430.9	153.6	139.0	168.2	140.6	54.2	49.0	59.3	290.4	99.4	90.0	108.9
2005	414.2	148.7	132.4	165.1	137.1	53.1	47.3	59.0	277.2	95.6	85.1	106.0
2006	400.4	144.6	130.9	158.3	133.6	52.2	47.2	57.2	266.8	92.4	83.7	101.1
2007	392.6	144.2	126.9	161.6	132.0	52.5	46.0	59.0	260.5	91.7	80.9	102.5
2008	384.6	141.6	126.8	156.5	130.6	52.1	46.6	57.6	254.0	89.6	80.2	98.9
2009	377.7	138.5	122.3	154.6	130.1	51.7	45.6	57.9	247.6	86.7	76.7	96.8
2010	368.4	133.4	119.0	147.7	128.7	50.6	45.2	56.0	239.7	82.8	73.8	91.7
2011	358.5	129.8	117.1	142.4	126.9	49.9	45.1	54.8	231.6	79.8	72.1	87.6
2012	347.3	125.7	112.5	138.8	124.1	49.0	43.8	54.1	223.2	76.7	68.7	84.7
2013	342.8	123.0	110.3	135.7	122.2	47.9	43.0	52.9	220.5	75.0	67.3	82.8
2014	343.1	124.0	108.1	139.8	122.0	48.2	42.0	54.5	221.1	75.8	66.2	85.4

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 20. Standardized mortality from alcohol-attributable disease and injury categories for Denmark, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	93.0	68.2	58.9	77.6	1080.8	64.9	49.9	79.8	1744.1	-47.0	-271.6	177.6
1991	95.4	70.1	60.5	79.8	1090.2	65.8	47.1	84.4	1706.6	-44.8	-241.0	151.3
1992	98.9	72.8	62.6	83.0	1103.5	66.6	50.4	82.7	1674.8	-42.5	-223.1	138.1
1993	104.3	77.1	67.3	86.8	1122.9	68.1	51.2	84.9	1650.8	-40.2	-232.8	152.4
1994	110.8	82.1	73.0	91.1	1144.5	69.5	52.5	86.6	1617.2	-36.8	-199.0	125.4
1995	115.6	85.8	75.8	95.9	1146.0	70.4	52.4	88.4	1571.9	-33.4	-236.8	169.9
1996	116.3	86.4	76.0	96.8	1159.6	71.5	52.5	90.4	1499.5	-29.8	-200.8	141.2
1997	117.6	87.1	75.7	98.5	1159.8	71.0	51.9	90.2	1430.0	-27.3	-189.3	134.7
1998	118.5	87.3	76.2	98.5	1155.3	70.2	52.7	87.7	1377.0	-26.3	-170.8	118.3
1999	120.3	88.3	77.4	99.2	1152.6	69.5	52.3	86.7	1345.1	-25.0	-182.5	132.5
2000	120.6	88.4	77.5	99.3	1142.2	69.0	52.2	85.7	1301.4	-22.7	-174.4	129.1
2001	120.2	87.7	76.0	99.4	1149.3	68.9	52.7	85.1	1257.2	-21.7	-169.5	126.1
2002	121.2	88.1	78.6	97.6	1156.2	68.7	51.9	85.5	1217.3	-20.4	-153.4	112.7
2003	121.9	88.1	76.9	99.3	1156.6	67.8	51.2	84.4	1178.2	-19.3	-142.2	103.6
2004	121.9	88.8	77.2	100.4	1150.5	70.0	53.2	86.7	1136.3	-3.4	-113.3	106.5
2005	123.1	89.0	78.4	99.5	1136.4	68.3	51.7	85.0	1107.3	-3.1	-115.0	108.7
2006	126.6	91.0	79.6	102.4	1115.9	66.9	52.1	81.7	1096.8	-2.3	-109.1	104.5
2007	130.9	93.3	83.0	103.6	1064.3	63.6	48.1	79.2	1099.7	-2.0	-104.7	100.8
2008	131.1	93.0	81.0	105.0	1054.6	61.5	48.2	74.7	1075.4	8.2	-80.4	96.8
2009	127.1	88.7	74.7	102.7	1081.0	62.6	46.3	78.9	1036.1	3.5	-76.8	83.8
2010	122.4	84.7	73.8	95.6	1086.9	62.3	47.4	77.1	1002.9	3.5	-88.5	95.4
2011	116.5	79.6	68.1	91.2	1088.7	61.2	45.7	76.8	978.4	2.8	-87.2	92.7
2012	114.2	77.2	66.7	87.7	1078.5	59.1	44.1	74.2	986.1	1.4	-83.8	86.7
2013	113.3	75.2	63.1	87.4	1077.8	58.0	42.5	73.6	1003.6	-2.8	-87.5	82.0
2014	114.2	76.2	65.7	86.7	1093.9	58.9	44.6	73.3	1017.1	-2.1	-91.1	86.9

Web Appendix 20 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	502.7	167.1	146.8	187.5	216.0	75.7	66.3	85.1	286.7	91.4	80.5	102.3
1991	485.7	162.2	141.0	183.4	207.9	73.1	63.2	82.9	277.9	89.1	77.8	100.5
1992	468.1	158.0	135.4	180.7	200.0	71.0	60.4	81.5	268.1	87.0	74.9	99.2
1993	451.6	153.5	134.1	172.9	192.9	68.7	59.7	77.6	258.7	84.8	74.3	95.3
1994	437.0	150.6	131.3	170.0	185.4	67.0	58.0	76.0	251.6	83.6	73.2	94.1
1995	422.3	146.5	127.0	165.9	176.8	64.3	55.7	73.0	245.5	82.1	71.4	92.9
1996	404.0	140.8	124.3	157.3	166.1	60.9	53.4	68.4	237.9	79.9	71.0	88.9
1997	385.4	134.5	116.4	152.6	155.9	57.3	49.4	65.2	229.6	77.2	67.1	87.4
1998	371.9	129.0	112.9	145.0	149.1	54.4	47.3	61.5	222.9	74.5	65.5	83.5
1999	359.7	124.9	111.7	138.0	143.1	52.3	46.6	58.0	216.6	72.6	65.1	80.0
2000	348.5	121.7	106.8	136.6	137.8	50.8	44.4	57.2	210.7	70.9	62.4	79.4
2001	336.1	116.9	101.8	132.0	132.4	48.7	42.1	55.3	203.7	68.2	59.6	76.8
2002	324.4	113.0	99.0	126.9	127.8	47.0	41.0	53.0	196.7	66.0	58.1	73.9
2003	315.4	109.5	96.7	122.3	124.1	45.5	40.0	51.0	191.3	64.0	56.7	71.3
2004	304.6	107.0	94.9	119.1	119.9	44.6	39.4	49.8	184.7	62.4	55.5	69.4
2005	296.9	104.5	92.5	116.4	117.7	43.8	38.6	49.0	179.2	60.7	53.9	67.4
2006	292.6	104.4	94.5	114.3	116.7	43.8	39.6	48.1	175.9	60.5	54.9	66.2
2007	293.7	104.9	92.9	117.0	117.3	44.1	38.9	49.4	176.4	60.8	54.0	67.6
2008	287.0	102.8	91.2	114.3	115.4	43.8	38.7	48.8	171.6	59.0	52.5	65.5
2009	275.4	94.6	83.7	105.4	112.2	40.6	35.9	45.4	163.2	53.9	47.8	60.0
2010	265.0	92.2	81.9	102.4	108.7	39.9	35.3	44.4	156.3	52.3	46.6	58.0
2011	257.0	90.0	81.4	98.7	106.2	39.2	35.3	43.1	150.9	50.8	46.0	55.6
2012	255.4	86.9	78.4	95.4	105.1	37.8	33.9	41.7	150.3	49.1	44.5	53.7
2013	255.7	85.5	75.6	95.3	105.2	36.9	32.5	41.4	150.5	48.5	43.2	53.8
2014	257.4	86.8	77.4	96.1	105.7	37.3	33.1	41.6	151.7	49.4	44.3	54.6

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 21. Standardized mortality from alcohol-attributable disease and injury categories for Estonia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	59.3	43.0	36.5	49.4	1359.4	79.0	60.0	98.1	3034.9	29.5	-253.2	312.3
1991	66.2	47.3	40.4	54.1	1421.3	81.2	60.8	101.6	3210.2	27.0	-251.8	305.7
1992	74.8	52.6	45.0	60.2	1489.6	82.4	62.2	102.7	3444.8	26.9	-264.1	318.0
1993	88.7	61.9	51.3	72.4	1550.1	85.2	60.7	109.8	3698.8	23.2	-274.8	321.2
1994	101.8	71.3	60.0	82.6	1574.1	87.7	64.2	111.3	3836.5	26.7	-306.6	360.0
1995	109.2	76.4	66.2	86.6	1538.8	85.5	64.2	106.8	3722.9	25.6	-297.7	348.9
1996	110.6	77.5	64.2	90.8	1482.6	82.1	58.2	105.9	3489.8	24.8	-262.1	311.7
1997	117.7	82.2	67.1	97.3	1447.6	79.0	57.4	100.5	3318.2	19.9	-257.0	296.8
1998	128.5	90.7	73.8	107.6	1433.8	78.8	57.6	100.1	3243.1	24.6	-238.0	287.1
1999	139.8	99.0	79.6	118.3	1431.5	79.4	55.0	103.9	3207.5	22.6	-225.7	271.0
2000	154.1	110.6	95.3	125.9	1434.8	81.0	58.5	103.5	3189.6	30.9	-221.9	283.6
2001	166.4	121.6	103.0	140.2	1431.0	84.1	61.1	107.1	3155.3	38.4	-281.3	358.0
2002	173.2	129.0	111.8	146.1	1412.7	87.0	64.7	109.3	3058.1	45.0	-213.1	303.0
2003	174.9	134.4	115.7	153.2	1378.5	90.3	67.1	113.5	2909.5	67.4	-199.4	334.2
2004	177.3	136.5	120.4	152.7	1351.8	90.0	65.0	114.9	2788.0	64.7	-236.5	365.8
2005	180.6	140.0	124.4	155.6	1332.3	90.0	68.5	111.6	2699.9	72.9	-208.5	354.3
2006	182.0	142.1	125.9	158.2	1316.4	90.6	69.3	111.8	2617.0	82.4	-170.0	334.8
2007	180.1	140.6	125.1	156.2	1300.5	89.8	67.1	112.4	2555.1	86.9	-192.3	366.1
2008	169.5	130.3	113.8	146.9	1261.4	84.1	63.5	104.7	2412.1	74.7	-176.5	325.8
2009	154.5	115.4	100.1	130.7	1214.4	76.4	58.0	94.9	2234.8	54.7	-176.4	285.7
2010	142.2	104.0	90.7	117.3	1179.4	71.6	53.8	89.4	2110.9	31.4	-194.9	257.8
2011	133.4	99.4	87.2	111.6	1161.1	73.6	55.8	91.3	2053.3	41.2	-179.5	262.0
2012	128.3	97.9	87.1	108.6	1156.0	77.1	56.3	97.8	2044.1	53.3	-175.5	282.0
2013	125.9	96.9	85.9	107.8	1158.8	79.0	58.8	99.3	2079.6	57.9	-161.0	276.7
2014	126.1	98.0	82.1	113.9	1168.6	80.4	59.2	101.6	2115.1	65.6	-158.5	289.8



Web Appendix 21 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	1327.3	458.0	404.5	511.4	423.1	164.9	145.5	184.3	904.3	293.1	259.0	327.2
1991	1412.9	486.3	432.0	540.6	464.3	178.2	158.3	198.2	948.6	308.1	273.7	342.5
1992	1509.4	510.7	450.4	571.1	522.4	195.3	172.2	218.4	987.0	315.4	278.2	352.7
1993	1599.6	551.0	490.2	611.9	579.4	217.6	193.6	241.7	1020.1	333.4	296.6	370.2
1994	1631.2	570.8	513.9	627.7	609.3	230.3	207.3	253.3	1021.8	340.5	306.6	374.5
1995	1543.0	543.0	478.4	607.6	594.7	225.3	198.4	252.1	948.3	317.8	280.0	355.5
1996	1391.9	492.1	440.6	543.6	556.0	210.0	188.0	231.9	835.8	282.1	252.6	311.6
1997	1272.5	457.2	406.9	507.5	508.8	194.2	172.8	215.5	763.7	263.0	234.1	292.0
1998	1197.5	430.0	390.3	469.7	479.4	183.3	166.4	200.1	718.2	246.7	223.9	269.5
1999	1146.4	417.6	373.7	461.5	456.6	176.8	158.2	195.4	689.8	240.8	215.5	266.1
2000	1099.5	402.3	359.9	444.7	432.6	168.0	150.3	185.7	666.8	234.3	209.6	259.0
2001	1056.6	398.2	358.7	437.7	411.7	163.8	147.6	180.0	644.9	234.4	211.1	257.7
2002	990.6	394.5	354.6	434.5	381.3	159.7	143.5	175.8	609.3	234.9	211.1	258.6
2003	923.7	377.4	340.1	414.7	352.1	150.8	135.9	165.7	571.7	226.7	204.3	249.0
2004	859.4	371.1	339.2	403.0	321.6	145.8	133.2	158.3	537.9	225.4	206.0	244.8
2005	811.2	356.4	320.9	392.0	300.2	138.1	124.3	151.9	511.0	218.3	196.6	240.0
2006	771.0	348.4	315.9	381.0	282.3	133.4	121.0	145.9	488.7	215.0	194.9	235.0
2007	721.3	333.8	303.6	363.9	263.6	127.8	116.2	139.3	457.6	206.0	187.3	224.6
2008	654.3	297.3	275.1	319.5	241.8	115.4	106.8	124.0	412.6	181.9	168.3	195.5
2009	586.4	255.0	230.8	279.2	221.1	101.0	91.4	110.6	365.3	154.0	139.4	168.6
2010	529.6	205.6	186.8	224.4	202.6	82.8	75.3	90.4	327.0	122.8	111.5	134.1
2011	494.9	201.1	178.6	223.7	191.2	81.8	72.6	91.0	303.7	119.4	106.0	132.7
2012	477.3	198.4	178.1	218.6	186.1	81.6	73.3	89.9	291.2	116.7	104.8	128.7
2013	479.7	203.2	181.2	225.2	188.0	84.0	74.9	93.1	291.8	119.2	106.2	132.1
2014	477.4	203.5	180.4	226.5	186.9	84.1	74.5	93.6	290.5	119.4	105.9	132.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 22. Standardized mortality from alcohol-attributable disease and injury categories for Finland, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	68.1	46.8	40.5	53.2	749.8	33.0	23.7	42.2	1604.2	-42.3	-206.8	122.2
1991	70.2	47.9	41.0	54.9	752.7	32.8	23.1	42.5	1560.6	-42.4	-199.4	114.6
1992	71.3	48.1	38.8	57.3	751.7	31.9	22.6	41.3	1511.5	-43.1	-204.4	118.2
1993	71.8	47.7	40.1	55.3	746.3	30.9	22.4	39.5	1462.1	-43.4	-191.6	104.8
1994	73.2	48.2	40.2	56.3	741.6	30.4	21.9	38.9	1422.8	-42.5	-194.4	109.4
1995	76.2	50.0	41.7	58.3	736.3	30.1	21.8	38.4	1406.7	-41.4	-181.8	99.0
1996	79.9	52.7	44.7	60.7	748.9	31.0	21.9	40.1	1385.8	-39.2	-186.9	108.6
1997	83.2	55.2	45.9	64.5	756.8	31.7	22.8	40.5	1369.1	-36.9	-190.0	116.2
1998	86.2	57.5	48.5	66.5	761.1	32.3	23.3	41.3	1352.0	-34.8	-179.9	110.2
1999	89.3	59.6	52.6	66.6	761.8	32.5	23.2	41.9	1330.9	-33.7	-181.6	114.3
2000	93.1	62.5	53.0	71.9	756.9	32.6	23.4	41.9	1301.2	-31.6	-161.7	98.6
2001	96.7	66.9	58.8	74.9	763.5	37.2	28.4	46.0	1263.6	3.7	-109.9	117.3
2002	101.9	71.2	60.0	82.4	771.3	38.2	27.8	48.7	1235.1	5.3	-101.8	112.5
2003	109.4	77.3	65.1	89.4	783.8	39.7	28.8	50.6	1225.7	7.4	-100.5	115.3
2004	119.9	85.4	74.9	95.9	799.5	41.3	31.2	51.3	1225.3	9.7	-97.2	116.5
2005	129.4	93.0	79.7	106.3	813.2	42.9	31.1	54.7	1226.2	11.6	-100.2	123.4
2006	135.7	98.0	83.6	112.4	823.9	44.0	32.0	55.9	1219.9	13.5	-81.4	108.3
2007	140.5	101.8	87.7	115.8	834.6	45.0	33.0	57.1	1213.8	15.1	-93.3	123.4
2008	142.0	103.6	90.8	116.3	847.1	46.5	34.6	58.3	1206.6	35.6	-60.1	131.3
2009	140.0	101.3	85.6	117.0	857.4	46.3	34.8	57.8	1195.4	28.1	-71.2	127.5
2010	135.4	97.6	81.3	114.0	864.0	46.4	34.4	58.4	1179.1	18.7	-86.7	124.1
2011	129.5	92.3	80.0	104.7	866.8	45.4	34.0	56.8	1162.8	-0.9	-119.6	117.7
2012	124.7	88.2	73.4	103.0	874.4	44.9	32.9	56.9	1168.0	-2.5	-119.7	114.6
2013	121.5	85.1	71.9	98.3	886.9	44.6	32.1	57.2	1181.6	-4.1	-116.9	108.7
2014	121.4	84.1	72.9	95.2	897.8	44.2	32.4	56.0	1200.4	-5.8	-117.4	105.7

Web Appendix 22 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	592.6	217.6	193.0	242.1	295.6	112.7	99.8	125.6	297.0	104.9	93.2	116.5
1991	582.6	211.0	187.0	234.9	294.6	110.8	98.1	123.6	288.0	100.1	88.9	111.4
1992	562.7	201.0	179.5	222.6	289.2	107.3	95.6	118.9	273.5	93.8	83.9	103.7
1993	540.2	190.5	169.5	211.5	281.8	103.0	91.4	114.5	258.3	87.5	78.1	97.0
1994	523.9	184.2	164.2	204.1	275.4	100.3	89.2	111.5	248.5	83.8	75.0	92.7
1995	513.0	182.0	162.8	201.2	270.6	99.3	88.5	110.0	242.5	82.7	74.2	91.1
1996	500.6	177.8	154.4	201.2	262.3	96.4	83.5	109.3	238.3	81.4	70.9	91.9
1997	493.3	177.8	160.9	194.7	254.9	95.2	85.8	104.5	238.4	82.6	75.1	90.2
1998	484.7	176.4	157.2	195.6	246.5	92.9	82.7	103.1	238.1	83.5	74.5	92.5
1999	474.2	173.6	155.8	191.3	238.4	90.3	80.8	99.7	235.8	83.3	75.0	91.6
2000	461.7	170.7	153.9	187.6	229.6	87.8	79.0	96.5	232.2	83.0	74.9	91.0
2001	448.6	171.3	155.1	187.4	220.5	87.0	78.6	95.5	228.1	84.2	76.5	91.9
2002	437.8	169.2	151.6	186.9	212.4	84.9	75.8	94.0	225.4	84.3	75.8	92.8
2003	436.7	169.5	151.9	187.2	209.3	84.0	75.1	93.0	227.4	85.5	76.8	94.2
2004	437.7	173.9	155.7	192.1	207.9	85.4	76.2	94.6	229.8	88.5	79.5	97.4
2005	435.3	174.7	157.5	191.9	205.0	84.9	76.3	93.6	230.3	89.8	81.2	98.4
2006	426.4	174.4	156.4	192.3	200.3	84.4	75.5	93.3	226.1	90.0	80.9	99.0
2007	417.5	174.1	157.1	191.1	195.5	84.0	75.6	92.3	222.1	90.2	81.5	98.8
2008	407.1	172.4	158.3	186.4	190.6	83.2	76.2	90.3	216.5	89.1	82.1	96.1
2009	394.7	174.4	159.2	189.6	185.8	84.8	77.2	92.4	208.8	89.6	82.0	97.2
2010	380.8	147.5	134.1	161.0	179.3	72.1	65.3	78.8	201.6	75.5	68.8	82.1
2011	370.6	123.6	110.6	136.5	174.1	60.5	53.9	67.1	196.6	63.1	56.7	69.4
2012	366.7	120.3	105.6	134.9	172.0	58.9	51.6	66.2	194.8	61.4	54.1	68.8
2013	365.0	118.3	100.7	135.8	169.9	57.5	48.7	66.3	195.2	60.7	52.0	69.5
2014	366.0	117.7	101.0	134.4	169.8	57.1	48.7	65.5	196.2	60.6	52.3	68.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 23. Standardized mortality from alcohol-attributable disease and injury categories for France, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	117.9	89.2	78.6	99.8	1016.9	100.3	80.3	120.4	837.5	15.0	-70.7	100.7
1991	115.0	86.3	77.0	95.6	1027.1	99.0	79.7	118.2	829.3	13.6	-67.4	94.7
1992	113.6	84.4	75.2	93.7	1041.9	97.8	78.1	117.5	826.6	12.5	-61.9	86.9
1993	113.2	83.8	75.5	92.0	1057.8	97.3	78.7	115.9	827.6	12.0	-52.8	76.8
1994	112.8	83.1	75.0	91.1	1065.4	96.2	78.6	113.9	825.9	11.7	-54.2	77.7
1995	112.1	82.3	71.1	93.5	1068.0	95.0	74.3	115.7	823.5	11.6	-74.8	98.1
1996	110.7	80.8	69.2	92.4	1068.4	93.0	72.2	113.8	810.1	11.3	-63.7	86.3
1997	109.5	79.5	70.0	89.0	1070.0	91.1	72.4	109.9	797.2	10.7	-58.9	80.2
1998	110.7	80.0	70.9	89.2	1082.4	90.7	71.0	110.3	802.0	10.4	-66.0	86.8
1999	110.8	80.6	71.4	89.8	1092.0	91.1	71.0	111.3	802.1	11.9	-59.4	83.2
2000	109.7	79.9	69.3	90.6	1094.7	89.8	70.6	108.9	792.5	14.4	-47.4	76.2
2001	109.5	80.3	71.1	89.4	1105.6	90.8	70.6	111.0	788.3	15.0	-47.9	77.9
2002	108.7	79.3	69.4	89.3	1118.4	89.8	69.6	110.0	779.0	14.4	-53.2	82.0
2003	105.5	76.6	67.9	85.2	1121.7	87.8	68.9	106.6	757.7	13.6	-53.3	80.5
2004	100.4	72.2	62.6	81.9	1114.4	84.2	64.9	103.5	728.5	12.2	-53.1	77.4
2005	98.4	70.1	60.5	79.6	1117.4	82.0	62.5	101.5	717.1	10.7	-49.1	70.4
2006	96.5	69.1	61.5	76.6	1123.6	82.2	64.3	100.2	704.2	15.4	-39.2	69.9
2007	94.7	67.6	58.7	76.4	1127.9	81.4	62.6	100.2	694.8	15.1	-42.5	72.7
2008	94.1	67.1	58.9	75.3	1140.4	81.5	63.5	99.5	694.3	15.2	-38.8	69.3
2009	94.5	67.4	59.0	75.8	1155.6	81.2	63.5	98.9	700.9	18.3	-29.6	66.3
2010	93.5	66.0	58.2	73.8	1159.2	79.9	62.9	96.9	702.7	17.4	-25.9	60.6
2011	91.7	64.5	56.1	72.9	1152.6	79.6	61.9	97.4	705.7	17.2	-33.8	68.2
2012	90.9	63.6	56.3	71.0	1155.0	79.2	62.7	95.7	713.7	16.7	-32.3	65.7
2013	90.7	63.4	54.5	72.4	1162.9	79.7	60.8	98.7	726.9	16.7	-30.8	64.2
2014	91.5	64.1	56.2	72.1	1177.6	80.9	61.1	100.6	739.0	17.2	-31.9	66.4

Web Appendix 23 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	527.7	195.3	173.0	217.5	191.1	79.2	70.1	88.3	336.6	116.1	103.0	129.2
1991	527.7	192.3	170.9	213.6	194.0	79.2	70.3	88.1	333.7	113.0	100.6	125.5
1992	525.8	191.3	166.1	216.5	196.5	80.0	69.3	90.7	329.3	111.3	96.8	125.8
1993	523.4	189.0	166.9	211.1	198.2	80.0	70.6	89.4	325.2	109.0	96.3	121.7
1994	516.4	186.9	166.1	207.7	197.3	79.7	70.5	88.9	319.1	107.2	95.6	118.8
1995	504.8	183.9	161.4	206.4	194.2	78.7	68.9	88.5	310.6	105.3	92.6	117.9
1996	492.7	178.2	158.1	198.3	189.2	76.1	67.4	84.9	303.5	102.1	90.7	113.5
1997	481.0	172.7	155.8	189.6	183.7	73.4	66.1	80.6	297.3	99.3	89.7	108.9
1998	474.8	171.0	150.2	191.9	179.0	71.6	62.7	80.5	295.8	99.4	87.5	111.4
1999	466.1	168.0	147.5	188.6	173.7	69.7	61.0	78.3	292.4	98.4	86.4	110.3
2000	456.4	168.2	151.1	185.4	169.1	69.4	62.1	76.6	287.3	98.9	89.0	108.8
2001	451.1	167.2	150.3	184.1	167.3	69.0	61.9	76.0	283.8	98.2	88.4	108.1
2002	441.1	164.1	146.3	181.9	165.1	68.1	60.5	75.6	276.0	96.0	85.7	106.3
2003	427.9	157.4	140.4	174.4	162.1	66.2	58.9	73.5	265.8	91.2	81.5	101.0
2004	408.3	149.1	135.3	162.9	156.7	63.6	57.5	69.7	251.6	85.5	77.9	93.1
2005	398.8	144.6	126.4	162.7	154.6	62.2	54.1	70.3	244.2	82.4	72.3	92.4
2006	390.6	142.8	127.7	157.9	152.6	62.1	55.4	68.9	238.0	80.7	72.4	89.0
2007	383.2	141.3	129.7	152.9	150.4	61.8	56.6	67.0	232.7	79.5	73.1	85.9
2008	381.1	140.1	126.0	154.1	150.1	61.6	55.2	67.9	231.0	78.5	70.9	86.2
2009	381.1	139.7	124.1	155.3	150.6	61.7	54.7	68.7	230.5	78.0	69.5	86.6
2010	377.1	136.9	123.0	150.8	149.0	60.6	54.3	66.9	228.1	76.3	68.8	83.9
2011	369.9	135.0	119.8	150.2	146.0	59.7	52.8	66.6	223.9	75.4	67.0	83.7
2012	366.1	132.2	119.3	145.1	143.7	58.2	52.4	64.1	222.4	74.0	66.9	81.0
2013	364.9	130.5	118.1	142.9	142.3	57.3	51.7	62.9	222.5	73.2	66.4	80.0
2014	366.8	132.8	120.1	145.5	142.6	58.0	52.3	63.8	224.3	74.8	67.8	81.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 24. Standardized mortality from alcohol-attributable disease and injury categories for Georgia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	225.8	114.1	83.6	144.6	1038.0	45.3	32.6	57.9	3947.0	-6.1	-298.2	286.0
1991	227.5	127.8	94.4	161.2	1020.3	49.9	36.1	63.7	4024.2	13.7	-287.5	315.0
1992	227.7	132.5	101.1	164.0	988.6	51.9	39.2	64.6	4084.7	25.8	-285.9	337.5
1993	225.6	138.2	107.1	169.3	949.2	53.4	39.7	67.1	4090.9	39.8	-244.8	324.4
1994	222.4	126.3	90.1	162.5	908.4	46.7	33.5	59.9	4079.5	13.7	-292.0	319.4
1995	219.2	114.7	79.4	150.1	879.4	41.0	29.7	52.4	4006.5	-4.5	-270.8	261.7
1996	215.2	101.4	69.2	133.5	857.7	36.1	26.4	45.7	3905.2	-18.4	-299.1	262.4
1997	208.5	93.7	65.9	121.4	844.4	33.6	24.1	43.1	3803.9	-21.2	-238.6	196.2
1998	203.3	85.9	58.1	113.7	838.9	31.3	22.8	39.7	3723.6	-25.3	-286.2	235.6
1999	201.2	88.8	63.9	113.7	838.2	32.6	24.6	40.6	3668.1	-20.4	-269.5	228.6
2000	199.3	91.0	65.5	116.5	843.4	34.0	24.4	43.6	3636.6	-15.9	-268.8	237.0
2001	198.9	94.0	64.9	123.0	853.6	35.4	24.2	46.5	3623.1	-10.1	-284.3	264.2
2002	200.4	101.3	72.4	130.2	869.3	38.3	28.5	48.1	3615.5	93.9	-134.4	322.2
2003	201.5	111.5	77.8	145.2	884.5	42.3	30.6	53.9	3596.0	185.1	-19.5	389.8
2004	203.1	116.3	89.8	142.7	896.4	43.3	31.1	55.5	3565.0	146.4	-75.8	368.7
2005	200.7	122.8	93.4	152.2	903.5	47.4	35.1	59.7	3563.4	164.2	-55.5	383.8
2006	199.1	131.8	100.8	162.7	914.7	53.5	39.2	67.7	3586.8	195.0	-24.5	414.5
2007	198.7	135.4	106.8	163.9	924.3	57.1	43.3	70.9	3620.2	214.3	-14.0	442.7
2008	201.9	139.2	114.0	164.4	939.8	58.5	43.7	73.3	3664.1	218.9	-11.9	449.7
2009	204.6	139.7	116.3	163.1	959.2	58.4	45.0	71.7	3696.2	215.1	-12.6	442.7
2010	207.6	142.4	121.7	163.1	967.1	58.8	43.8	73.8	3710.2	171.6	-44.4	387.5
2011	207.8	143.5	114.9	172.1	964.8	60.1	43.8	76.4	3730.5	176.6	-47.2	400.4
2012	207.6	140.7	112.5	168.9	961.0	58.4	43.1	73.7	3732.9	166.9	-74.7	408.6
2013	205.8	135.7	109.6	161.7	954.4	55.4	41.7	69.0	3714.8	150.9	-65.7	367.5
2014	203.9	129.3	102.8	155.8	945.8	52.1	38.3	65.9	3681.7	137.8	-71.0	346.7

Web Appendix 24 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	828.6	145.6	124.1	167.0	123.2	26.1	22.2	29.9	705.4	119.5	101.9	137.1
1991	813.8	138.6	113.4	163.8	126.1	26.0	21.3	30.7	687.8	112.6	92.1	133.1
1992	780.6	154.7	133.7	175.8	125.6	30.5	26.4	34.7	654.9	124.2	107.3	141.1
1993	731.4	145.8	122.8	168.7	130.3	32.3	27.2	37.3	601.0	113.5	95.6	131.4
1994	666.7	121.8	103.6	140.1	114.1	26.2	22.3	30.2	552.6	95.6	81.3	110.0
1995	610.7	98.2	79.7	116.7	103.5	21.1	17.2	25.1	507.1	77.1	62.5	91.6
1996	562.9	87.6	72.0	103.2	102.1	20.3	16.7	23.9	460.8	67.3	55.4	79.3
1997	525.3	77.4	66.2	88.5	106.3	20.0	17.2	22.9	419.0	57.3	49.1	65.6
1998	496.0	70.1	59.6	80.6	109.5	19.7	16.8	22.6	386.6	50.4	42.8	57.9
1999	471.8	67.6	58.5	76.6	109.4	19.9	17.3	22.5	362.3	47.7	41.3	54.1
2000	453.0	69.8	60.3	79.2	107.6	20.9	18.1	23.7	345.3	48.9	42.2	55.5
2001	444.7	70.0	58.9	81.1	107.3	21.1	17.7	24.4	337.4	48.9	41.1	56.7
2002	441.7	79.9	67.9	91.9	106.3	23.8	20.2	27.3	335.4	56.1	47.7	64.6
2003	443.9	93.9	81.6	106.2	105.7	27.4	23.8	31.0	338.2	66.5	57.7	75.3
2004	448.1	113.1	101.6	124.6	104.7	32.0	28.8	35.2	343.4	81.1	72.8	89.4
2005	450.1	121.2	107.5	135.0	101.5	32.8	29.1	36.4	348.6	88.5	78.4	98.5
2006	450.6	131.8	118.2	145.4	97.6	34.0	30.5	37.4	353.0	97.8	87.7	108.0
2007	451.9	144.4	129.2	159.6	95.1	35.9	32.2	39.7	356.8	108.5	97.0	119.9
2008	457.2	142.2	124.2	160.1	93.9	34.3	30.0	38.6	363.2	107.8	94.2	121.5
2009	461.8	141.7	126.2	157.3	92.2	33.1	29.5	36.7	369.6	108.6	96.7	120.6
2010	464.5	164.4	149.7	179.1	92.3	38.1	34.7	41.5	372.2	126.3	115.0	137.7
2011	458.8	166.7	151.8	181.7	91.6	38.8	35.3	42.2	367.2	127.9	116.4	139.4
2012	452.6	162.1	149.4	174.8	90.9	38.0	35.0	40.9	361.7	124.2	114.4	133.9
2013	444.0	150.9	134.6	167.1	89.7	35.6	31.8	39.4	354.4	115.3	102.9	127.7
2014	438.8	148.1	137.8	158.5	88.4	34.9	32.5	37.3	350.4	113.2	105.3	121.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 25. Standardized mortality from alcohol-attributable disease and injury categories for Germany, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	132.0	98.7	87.5	109.8	1120.4	78.4	59.8	96.9	1589.0	9.6	-149.5	168.6
1991	138.8	101.8	90.3	113.3	1129.8	77.0	59.0	95.0	1571.4	4.7	-144.4	153.8
1992	142.4	105.2	92.2	118.3	1130.7	78.5	60.7	96.2	1532.3	6.2	-152.1	164.5
1993	146.5	107.9	93.7	122.1	1135.0	78.4	59.4	97.4	1505.0	4.5	-131.2	140.3
1994	150.0	110.0	95.4	124.6	1137.9	78.3	59.7	96.9	1479.0	4.0	-141.9	149.8
1995	152.7	111.4	98.6	124.2	1138.8	76.7	56.8	96.7	1452.6	2.0	-133.1	137.1
1996	153.9	111.8	97.9	125.6	1138.2	76.5	57.9	95.2	1422.0	-2.7	-135.0	129.5
1997	151.6	109.5	94.7	124.3	1128.0	75.1	55.5	94.8	1381.5	-3.1	-143.7	137.5
1998	147.4	106.1	88.3	124.0	1116.1	73.8	54.5	93.1	1342.4	-3.2	-134.2	127.8
1999	146.0	104.9	92.8	117.0	1115.1	73.5	57.9	89.2	1322.1	-2.7	-123.1	117.8
2000	145.4	104.0	91.3	116.6	1116.8	73.0	55.3	90.7	1309.1	-5.9	-138.1	126.2
2001	143.4	102.5	91.4	113.5	1113.7	74.4	55.5	93.4	1288.6	4.7	-112.7	122.1
2002	142.0	100.3	85.5	115.2	1112.9	73.0	52.8	93.2	1267.4	3.5	-124.2	131.1
2003	138.5	97.0	81.6	112.5	1104.0	71.4	54.1	88.8	1234.9	2.9	-105.7	111.4
2004	132.3	91.8	81.7	101.9	1090.8	69.4	52.6	86.2	1190.6	2.5	-95.8	100.8
2005	127.2	87.9	77.0	98.8	1084.0	68.4	50.6	86.1	1164.6	2.6	-102.7	108.0
2006	122.6	84.1	72.5	95.7	1081.3	67.2	50.5	83.9	1146.3	3.0	-95.1	101.2
2007	118.9	81.1	69.8	92.5	1082.6	66.4	50.8	82.0	1130.5	3.5	-85.7	92.7
2008	116.9	79.2	67.0	91.5	1089.0	65.9	50.0	81.8	1122.6	3.2	-92.6	99.0
2009	115.6	78.6	68.0	89.3	1095.5	67.8	51.3	84.3	1125.5	11.0	-90.0	111.9
2010	113.7	77.3	64.5	90.1	1098.5	67.8	51.8	83.9	1128.1	13.6	-81.6	108.8
2011	110.8	75.5	65.2	85.7	1093.4	67.7	52.3	83.1	1121.1	14.2	-77.3	105.7
2012	108.0	73.5	63.8	83.3	1090.1	67.0	50.6	83.4	1118.8	14.4	-76.6	105.5
2013	107.4	73.0	62.7	83.3	1095.1	67.2	51.6	82.8	1138.1	13.1	-78.8	105.0
2014	108.1	73.6	61.4	85.9	1106.2	67.0	49.4	84.7	1154.7	13.6	-72.5	99.8



Web Appendix 25 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	415.3	176.6	159.5	193.7	154.1	69.7	62.9	76.5	261.3	106.9	96.5	117.2
1991	410.8	178.6	162.7	194.5	155.2	71.4	65.1	77.8	255.6	107.1	97.6	116.7
1992	397.8	174.7	161.1	188.3	153.4	71.0	65.5	76.6	244.4	103.7	95.7	111.7
1993	388.4	169.8	156.1	183.5	151.9	70.0	64.3	75.7	236.5	99.8	91.8	107.8
1994	378.1	165.4	152.1	178.6	149.6	69.0	63.4	74.5	228.5	96.4	88.7	104.1
1995	367.5	160.7	146.8	174.6	147.3	68.0	62.1	73.9	220.3	92.7	84.8	100.7
1996	357.2	155.5	141.4	169.6	144.5	66.5	60.4	72.6	212.7	89.0	81.0	97.0
1997	344.0	148.8	134.7	163.0	139.6	64.1	58.0	70.2	204.4	84.7	76.7	92.8
1998	327.2	141.2	129.8	152.6	132.9	60.9	55.9	65.9	194.3	80.3	73.9	86.7
1999	317.1	137.3	125.8	148.7	128.8	59.2	54.2	64.2	188.3	78.0	71.6	84.5
2000	310.0	134.6	123.2	146.0	125.8	58.0	53.0	63.0	184.2	76.6	70.2	83.1
2001	302.2	131.1	119.3	142.9	123.2	56.8	51.5	62.0	179.0	74.3	67.7	80.9
2002	294.8	127.4	114.6	140.3	120.4	55.3	49.7	60.9	174.3	72.1	65.0	79.3
2003	286.8	123.4	113.9	132.9	117.5	53.7	49.5	58.0	169.3	69.7	64.4	74.9
2004	273.4	117.6	107.7	127.4	112.5	51.5	47.0	55.9	160.9	66.1	60.6	71.5
2005	262.9	113.3	103.9	122.8	108.8	49.9	45.7	54.0	154.2	63.5	58.2	68.7
2006	254.1	110.5	102.0	119.1	105.5	48.8	44.9	52.7	148.5	61.7	57.1	66.3
2007	248.9	108.2	99.5	116.9	103.4	47.9	44.0	51.8	145.4	60.3	55.5	65.0
2008	245.0	106.9	98.8	115.0	102.3	47.5	43.8	51.2	142.6	59.4	55.0	63.8
2009	243.2	105.7	98.6	112.7	102.2	47.3	44.1	50.5	141.1	58.4	54.6	62.3
2010	241.0	105.5	98.3	112.7	101.6	47.4	44.1	50.7	139.5	58.1	54.3	62.0
2011	238.6	105.2	97.2	113.1	100.6	47.3	43.7	51.0	138.0	57.8	53.6	62.1
2012	233.3	103.4	96.6	110.2	98.4	46.5	43.4	49.6	134.9	56.9	53.3	60.5
2013	231.4	102.4	95.5	109.3	97.3	45.9	42.7	49.1	134.1	56.5	52.8	60.2
2014	231.8	103.0	96.0	110.1	97.2	45.9	42.6	49.2	134.6	57.1	53.3	60.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 26. Standardized mortality from alcohol-attributable disease and injury categories for Greece, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	65.8	44.5	36.9	52.2	857.2	43.3	32.5	54.2	1360.8	29.4	-70.7	129.6
1991	66.4	44.8	37.5	52.0	886.4	44.9	34.1	55.6	1376.7	29.3	-71.3	129.8
1992	66.3	44.7	38.3	51.1	910.5	46.3	34.0	58.5	1385.2	30.0	-66.0	125.9
1993	64.8	43.6	37.1	50.2	928.9	47.2	35.5	58.9	1378.5	29.7	-82.1	141.5
1994	62.6	42.1	36.1	48.2	943.7	47.6	35.3	59.8	1375.8	29.0	-76.1	134.1
1995	60.5	40.2	35.0	45.5	959.9	47.3	36.1	58.5	1386.6	26.7	-81.7	135.0
1996	59.2	39.0	33.2	44.7	978.0	47.2	34.8	59.5	1402.7	24.9	-80.0	129.7
1997	57.5	37.4	31.5	43.2	993.8	46.8	35.2	58.4	1417.3	22.8	-82.1	127.6
1998	56.1	36.4	31.1	41.7	1006.5	46.8	34.8	58.8	1433.9	22.0	-85.5	129.5
1999	55.0	35.3	29.7	40.8	1016.5	46.3	34.6	58.0	1440.2	19.8	-93.5	133.2
2000	53.5	34.2	28.0	40.4	1017.6	45.5	32.7	58.3	1428.3	18.3	-88.3	124.9
2001	51.9	32.5	26.6	38.5	1016.6	44.2	32.3	56.1	1410.0	15.6	-78.2	109.4
2002	50.7	32.2	26.8	37.6	1019.5	44.9	33.7	56.2	1399.3	16.9	-86.6	120.5
2003	50.3	32.3	26.8	37.9	1027.2	46.1	34.2	58.1	1400.4	18.2	-78.8	115.3
2004	49.8	32.9	27.7	38.0	1033.4	47.8	34.7	60.8	1393.9	21.0	-77.6	119.6
2005	49.0	32.3	26.8	37.9	1032.0	47.5	35.3	59.7	1371.4	20.6	-82.6	123.8
2006	47.8	31.6	26.2	37.1	1028.2	47.1	34.6	59.5	1348.5	21.2	-97.7	140.1
2007	46.8	31.2	25.9	36.4	1030.8	46.9	35.1	58.6	1350.0	33.3	-72.1	138.7
2008	46.6	31.0	25.6	36.3	1040.7	47.0	35.3	58.7	1360.6	34.0	-54.9	122.8
2009	45.8	30.6	25.6	35.5	1044.0	46.5	35.8	57.3	1375.3	45.3	-42.2	132.8
2010	45.0	29.6	25.0	34.3	1045.6	45.4	34.2	56.7	1386.2	43.7	-45.2	132.5
2011	44.9	29.3	24.5	34.0	1047.3	44.6	33.2	55.9	1403.3	42.7	-41.5	126.8
2012	45.3	28.9	22.8	34.9	1051.3	43.5	32.0	55.0	1428.0	40.5	-49.6	130.6
2013	45.8	29.0	23.5	34.4	1057.6	43.1	32.2	54.1	1454.1	40.4	-46.2	127.0
2014	46.1	28.7	24.3	33.1	1068.4	42.5	31.9	53.1	1483.4	39.5	-48.2	127.2

Web Appendix 26 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	361.0	135.3	121.5	149.1	42.2	17.7	15.9	19.5	318.8	117.6	105.6	129.7
1991	362.4	137.1	123.5	150.7	42.7	17.9	16.1	19.7	319.7	119.2	107.3	131.0
1992	362.5	137.9	125.5	150.2	42.7	18.0	16.3	19.6	319.7	119.9	109.2	130.6
1993	360.6	139.2	125.3	153.1	43.0	18.3	16.5	20.2	317.6	120.9	108.8	132.9
1994	357.2	138.2	125.9	150.4	42.7	18.2	16.6	19.8	314.5	120.0	109.3	130.6
1995	354.8	137.1	123.4	150.7	43.0	18.3	16.4	20.1	311.8	118.8	106.9	130.7
1996	352.1	135.7	121.2	150.2	43.4	18.3	16.3	20.2	308.8	117.4	104.9	130.0
1997	349.5	135.0	121.3	148.7	42.9	18.1	16.3	19.9	306.6	116.9	105.1	128.7
1998	344.4	132.9	119.5	146.4	42.1	17.7	15.9	19.5	302.3	115.2	103.6	126.9
1999	338.7	132.1	120.2	143.9	41.0	17.3	15.7	18.8	297.8	114.8	104.5	125.0
2000	329.5	127.5	114.5	140.4	39.7	16.6	14.9	18.2	289.8	110.9	99.7	122.1
2001	317.2	123.3	112.8	133.8	38.4	16.1	14.7	17.5	278.8	107.2	98.1	116.3
2002	306.2	119.5	106.4	132.6	37.5	15.8	14.0	17.5	268.7	103.7	92.4	115.1
2003	299.5	120.8	110.6	131.0	37.9	16.4	15.0	17.8	261.6	104.4	95.6	113.2
2004	294.6	120.7	110.2	131.3	38.0	16.7	15.2	18.1	256.7	104.1	95.0	113.2
2005	289.1	119.3	106.9	131.7	38.0	16.8	15.0	18.5	251.2	102.5	91.9	113.2
2006	281.7	116.8	106.9	126.6	37.9	16.8	15.4	18.2	243.7	100.0	91.5	108.4
2007	277.8	116.7	107.0	126.5	38.5	17.3	15.9	18.7	239.3	99.4	91.1	107.8
2008	274.1	115.5	104.9	126.1	39.5	17.8	16.2	19.5	234.6	97.7	88.7	106.6
2009	269.1	112.7	102.8	122.6	40.4	18.2	16.5	19.8	228.7	94.5	86.3	102.8
2010	262.8	108.4	97.8	118.9	41.1	18.2	16.4	20.0	221.7	90.1	81.4	98.9
2011	258.2	103.1	95.2	111.0	41.7	18.0	16.6	19.4	216.5	85.1	78.6	91.7
2012	255.1	100.5	92.2	108.8	41.4	17.6	16.2	19.1	213.8	82.9	76.0	89.7
2013	252.8	97.9	89.8	106.0	41.2	17.3	15.9	18.8	211.6	80.6	73.9	87.2
2014	250.6	96.4	88.4	104.3	40.8	17.0	15.6	18.4	209.8	79.4	72.8	85.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 27. Standardized mortality from alcohol-attributable disease and injury categories for Hungary, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	400.9	329.7	301.1	358.4	1683.6	161.5	130.9	192.0	2854.1	114.0	-195.4	423.5
1991	439.0	360.1	330.2	390.0	1719.4	165.9	135.8	195.9	2893.1	110.8	-180.4	402.0
1992	490.5	400.9	363.1	438.6	1766.5	170.7	139.1	202.2	2966.5	106.8	-178.0	391.6
1993	533.8	434.6	391.9	477.4	1796.2	173.9	142.8	205.0	3005.0	101.5	-192.9	395.9
1994	550.8	445.9	413.1	478.6	1799.6	173.7	144.8	202.5	2961.5	91.4	-190.1	373.0
1995	537.9	433.3	392.0	474.5	1773.7	170.4	135.7	205.2	2863.2	83.5	-170.4	337.4
1996	506.2	406.3	371.1	441.5	1740.8	167.5	136.1	199.0	2748.0	75.1	-190.2	340.3
1997	491.6	395.0	359.8	430.1	1741.8	169.3	139.0	199.6	2707.7	73.1	-172.9	319.2
1998	492.3	395.0	360.7	429.4	1769.9	173.0	140.4	205.6	2732.1	70.0	-179.4	319.4
1999	480.3	384.9	344.2	425.5	1784.7	174.4	144.1	204.8	2711.4	67.5	-173.8	308.9
2000	448.3	360.0	324.1	395.9	1771.9	174.6	140.0	209.2	2612.3	65.6	-177.2	308.3
2001	419.2	337.1	308.5	365.7	1763.3	175.7	144.7	206.6	2521.2	60.9	-179.5	301.4
2002	403.5	325.2	301.1	349.3	1766.4	177.1	145.9	208.3	2479.0	65.1	-159.2	289.5
2003	392.4	316.0	286.4	345.6	1772.1	177.3	145.0	209.5	2455.8	64.4	-189.6	318.5
2004	381.4	306.5	280.5	332.6	1773.4	175.6	144.7	206.4	2441.8	62.6	-159.2	284.5
2005	370.3	297.2	273.5	320.8	1770.3	173.9	143.5	204.4	2438.9	62.6	-162.4	287.6
2006	360.3	288.0	259.4	316.6	1762.4	170.6	138.0	203.1	2425.9	58.9	-169.5	287.2
2007	346.9	275.1	245.7	304.6	1745.6	164.7	133.7	195.8	2399.0	54.0	-169.3	277.3
2008	328.1	257.5	230.6	284.3	1713.3	156.7	125.7	187.7	2347.3	48.1	-157.1	253.2
2009	308.5	239.2	213.4	265.0	1680.1	148.2	117.6	178.8	2302.4	44.7	-143.7	233.2
2010	285.9	220.8	199.1	242.5	1646.5	143.0	116.0	169.9	2242.3	42.4	-142.7	227.6
2011	263.6	202.8	174.9	230.7	1613.7	138.6	108.2	169.1	2177.4	37.5	-134.3	209.3
2012	247.4	190.1	167.5	212.7	1585.2	135.0	108.9	161.1	2134.7	35.8	-151.7	223.4
2013	240.0	183.5	160.6	206.4	1572.1	132.0	102.6	161.3	2128.6	33.0	-155.4	221.4
2014	240.3	183.1	164.9	201.2	1578.8	131.6	106.3	157.0	2146.7	30.8	-144.6	206.1

Web Appendix 27 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	842.8	289.9	251.2	328.5	339.4	126.0	108.9	143.0	503.3	163.9	142.3	185.5
1991	850.1	287.5	249.5	325.4	337.6	123.4	106.8	140.1	512.5	164.0	142.7	185.3
1992	849.7	285.4	248.7	322.0	335.4	121.2	105.4	137.0	514.3	164.1	143.3	185.0
1993	834.0	278.1	243.9	312.4	329.2	117.7	103.0	132.4	504.7	160.4	140.9	179.9
1994	801.6	265.4	224.6	306.1	317.1	112.6	94.9	130.3	484.6	152.8	129.7	175.8
1995	753.8	243.7	215.4	272.0	301.2	104.6	92.1	117.0	452.6	139.1	123.2	155.0
1996	703.2	226.6	198.2	254.9	285.3	98.9	86.5	111.4	417.9	127.6	111.8	143.5
1997	673.8	218.2	186.0	250.4	276.6	96.4	81.9	110.9	397.2	121.8	104.1	139.5
1998	663.6	217.2	189.1	245.2	274.0	96.3	83.8	108.9	389.6	120.8	105.3	136.3
1999	644.0	209.3	177.2	241.4	267.0	93.3	78.7	107.8	377.0	116.1	98.5	133.6
2000	613.8	199.9	174.6	225.3	254.1	89.3	77.9	100.7	359.7	110.6	96.6	124.6
2001	585.5	196.4	170.0	222.7	241.5	87.4	75.6	99.2	344.1	109.0	94.5	123.5
2002	567.2	204.1	179.8	228.5	232.9	90.0	79.3	100.8	334.3	114.1	100.5	127.7
2003	555.6	200.8	178.1	223.4	226.8	87.9	77.8	98.0	328.8	112.8	100.3	125.4
2004	542.4	197.3	169.2	225.4	221.3	86.1	73.7	98.5	321.1	111.2	95.5	126.9
2005	530.9	193.6	171.9	215.3	216.8	84.4	74.8	94.0	314.1	109.2	97.1	121.3
2006	516.7	189.9	167.2	212.6	212.3	83.2	73.0	93.4	304.5	106.7	94.2	119.2
2007	501.6	181.8	159.8	203.7	208.5	80.7	70.8	90.5	293.2	101.1	89.0	113.2
2008	482.9	172.2	152.6	191.8	204.7	78.0	69.0	87.1	278.3	94.2	83.6	104.8
2009	463.4	172.9	154.9	190.9	200.6	80.0	71.5	88.4	262.8	92.9	83.4	102.5
2010	442.9	163.4	143.4	183.4	195.2	77.2	67.5	86.9	247.7	86.2	75.8	96.5
2011	423.7	158.3	142.0	174.7	189.6	76.1	68.2	84.0	234.1	82.3	73.8	90.7
2012	408.4	151.5	132.8	170.1	184.2	73.5	64.4	82.7	224.2	77.9	68.4	87.4
2013	401.1	147.6	133.1	162.0	180.8	71.8	64.7	78.9	220.3	75.8	68.4	83.2
2014	401.0	147.8	133.5	162.2	180.6	71.8	64.8	78.7	220.5	76.1	68.6	83.5

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 28. Standardized mortality from alcohol-attributable disease and injury categories for Iceland, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	8.5	4.2	3.4	5.1	769.0	21.3	15.9	26.7	1026.8	-25.9	-116.5	64.8
1991	8.5	4.2	3.2	5.1	778.3	21.0	15.4	26.6	1019.5	-25.7	-121.2	69.8
1992	8.2	3.9	3.1	4.8	787.9	20.5	15.2	25.8	1012.9	-25.9	-107.8	55.9
1993	7.1	3.2	2.6	3.9	799.8	20.6	15.4	25.8	1013.2	-26.1	-105.4	53.3
1994	8.1	3.8	3.0	4.6	810.1	20.9	15.5	26.3	1014.2	-25.8	-106.9	55.4
1995	8.1	3.9	3.1	4.8	819.2	21.6	16.0	27.3	1013.3	-25.5	-113.1	62.1
1996	8.1	4.0	3.2	4.8	832.5	22.2	16.4	28.0	999.1	-24.7	-114.7	65.3
1997	8.4	4.2	3.4	5.0	841.5	23.2	16.9	29.5	989.2	-23.7	-116.4	69.1
1998	9.9	5.1	4.1	6.1	847.3	23.9	17.3	30.5	983.3	-22.5	-100.3	55.4
1999	10.4	5.5	4.4	6.7	851.8	24.8	18.1	31.5	981.3	-21.7	-108.4	65.1
2000	10.5	5.8	4.7	6.8	852.7	25.2	17.9	32.5	971.4	-20.7	-109.4	68.0
2001	10.4	5.8	4.7	6.9	856.1	25.5	18.4	32.6	954.4	-19.6	-109.2	70.0
2002	10.5	5.8	4.7	6.8	857.1	24.6	17.4	31.7	933.6	-22.7	-108.8	63.4
2003	10.9	5.9	4.8	7.1	855.2	24.8	17.9	31.8	908.9	-21.5	-111.0	67.9
2004	11.3	6.2	5.1	7.3	855.5	25.0	17.8	32.2	889.1	-20.1	-95.4	55.2
2005	11.9	6.5	5.5	7.6	859.6	25.3	18.6	31.9	871.5	-19.1	-98.9	60.7
2006	12.9	7.1	5.8	8.5	866.9	25.9	19.0	32.8	866.2	-18.7	-95.7	58.3
2007	13.9	7.8	6.5	9.0	871.2	27.1	19.6	34.6	859.1	-17.5	-92.6	57.5
2008	14.0	8.2	6.8	9.6	872.6	29.2	21.8	36.6	851.2	-14.7	-81.9	52.6
2009	13.5	7.9	6.5	9.3	874.0	28.3	20.0	36.6	845.0	-17.4	-91.8	57.0
2010	13.1	7.6	6.5	8.8	874.6	27.4	19.6	35.1	839.7	-18.4	-89.6	52.8
2011	12.7	7.0	5.8	8.3	876.9	25.7	18.4	33.0	836.6	-19.7	-90.5	51.1
2012	13.2	7.1	5.6	8.5	887.4	25.1	18.4	31.9	848.5	-20.8	-96.0	54.4
2013	12.7	6.6	5.4	7.8	901.5	24.9	17.6	32.2	862.8	-21.6	-95.9	52.8
2014	13.0	6.6	5.4	7.7	924.4	24.3	17.0	31.6	888.2	-22.6	-103.4	58.3

Web Appendix 28 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	290.4	87.4	79.2	95.6	112.8	36.7	33.2	40.2	177.6	50.7	46.0	55.4
1991	285.4	84.9	76.9	92.9	113.8	36.8	33.3	40.2	171.6	48.1	43.6	52.6
1992	275.5	80.3	72.5	88.1	112.4	35.5	32.0	39.1	163.1	44.7	40.4	49.0
1993	267.9	77.1	70.4	83.8	110.3	34.7	31.7	37.8	157.7	42.4	38.7	46.0
1994	260.9	76.4	69.5	83.2	109.3	35.0	31.8	38.1	151.6	41.4	37.7	45.1
1995	259.3	76.1	68.9	83.4	109.3	35.3	31.9	38.6	150.0	40.8	37.0	44.7
1996	255.5	75.9	68.8	82.9	110.1	35.8	32.4	39.2	145.4	40.0	36.4	43.7
1997	255.0	77.6	70.4	84.8	110.0	36.5	33.1	40.0	144.9	41.0	37.3	44.8
1998	254.8	79.7	72.7	86.7	109.1	37.5	34.2	40.8	145.7	42.2	38.5	45.8
1999	252.1	80.6	73.3	87.9	110.7	38.6	35.1	42.1	141.4	42.0	38.3	45.8
2000	252.9	81.6	74.6	88.6	112.5	39.2	35.9	42.6	140.3	42.3	38.7	46.0
2001	249.1	82.4	74.7	90.1	110.8	39.1	35.4	42.9	138.3	43.2	39.2	47.2
2002	241.8	80.7	73.5	87.9	108.3	38.9	35.4	42.4	133.5	41.8	38.1	45.6
2003	236.8	78.3	71.5	85.2	105.9	37.9	34.5	41.3	130.9	40.5	37.0	43.9
2004	232.2	79.0	70.5	87.4	106.3	38.7	34.5	42.9	125.9	40.2	36.0	44.5
2005	234.0	80.0	74.0	86.0	106.8	39.8	36.8	42.8	127.2	40.2	37.3	43.2
2006	236.7	82.5	74.9	90.1	109.6	40.7	36.9	44.5	127.1	41.8	38.1	45.6
2007	239.7	86.2	78.3	94.1	112.9	43.4	39.4	47.4	126.8	42.8	38.9	46.7
2008	238.7	90.2	81.3	99.0	113.3	45.8	41.2	50.3	125.3	44.4	40.1	48.7
2009	231.5	89.1	81.2	97.0	110.9	45.3	41.2	49.5	120.6	43.8	40.0	47.5
2010	222.3	81.6	73.2	90.1	106.1	41.4	37.0	45.8	116.1	40.3	36.2	44.3
2011	214.1	77.8	70.9	84.8	101.7	39.7	36.1	43.4	112.3	38.1	34.8	41.4
2012	210.0	76.2	70.0	82.3	100.3	38.5	35.4	41.7	109.7	37.6	34.7	40.6
2013	207.3	73.9	68.4	79.4	98.6	37.2	34.4	40.1	108.7	36.7	34.0	39.3
2014	209.2	74.6	68.6	80.5	99.1	37.3	34.3	40.3	110.2	37.3	34.3	40.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 29. Standardized mortality from alcohol-attributable disease and injury categories for Ireland, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	25.5	16.7	14.3	19.0	901.8	45.2	32.8	57.6	1532.0	13.7	-69.0	96.4
1991	25.8	17.4	15.0	19.8	899.7	47.4	36.0	58.9	1508.2	16.5	-67.3	100.3
1992	26.4	17.8	15.2	20.4	897.6	47.8	35.6	60.0	1487.8	15.6	-69.3	100.5
1993	27.0	18.4	16.0	20.8	890.3	47.9	35.7	60.1	1467.3	16.2	-74.2	106.6
1994	27.7	18.9	16.7	21.1	880.9	48.2	36.8	59.6	1446.3	15.7	-57.3	88.8
1995	28.9	20.0	17.3	22.7	867.0	48.9	37.0	60.8	1435.3	16.8	-73.0	106.6
1996	30.6	21.4	18.7	24.1	873.3	51.0	38.8	63.1	1408.6	16.9	-73.5	107.3
1997	32.8	23.3	20.7	25.9	882.4	53.1	40.5	65.8	1388.7	17.7	-80.4	115.9
1998	35.3	25.4	22.4	28.4	892.4	55.0	41.8	68.1	1372.2	18.9	-84.7	122.5
1999	37.9	27.3	23.7	30.8	901.7	56.0	42.6	69.3	1345.3	18.5	-72.9	109.9
2000	39.8	28.6	25.0	32.1	902.2	55.0	41.5	68.5	1302.1	18.3	-73.0	109.6
2001	41.1	29.6	26.3	32.8	909.0	55.3	42.0	68.7	1237.9	17.4	-66.0	100.8
2002	41.6	29.8	26.5	33.1	912.0	54.5	42.1	66.9	1175.6	15.9	-73.0	104.7
2003	42.2	30.5	26.4	34.5	918.5	57.7	44.7	70.7	1121.6	34.2	-45.7	114.1
2004	43.4	31.2	27.4	35.0	929.2	57.7	44.2	71.1	1079.5	32.2	-45.3	109.8
2005	45.0	32.4	29.0	35.8	940.7	58.5	45.9	71.1	1049.1	31.8	-37.8	101.3
2006	46.6	33.7	29.6	37.8	953.1	59.5	46.8	72.2	1027.6	31.6	-36.0	99.2
2007	49.5	35.6	30.2	41.0	968.4	59.9	45.0	74.8	1020.6	30.9	-42.7	104.4
2008	52.3	37.0	32.3	41.7	993.7	59.2	46.7	71.8	1031.2	29.6	-41.6	100.8
2009	53.6	37.4	32.2	42.5	1012.2	57.9	44.7	71.1	1042.0	28.8	-40.8	98.3
2010	52.4	36.1	31.4	40.9	1013.0	56.9	44.6	69.3	1032.0	27.1	-36.5	90.7
2011	50.2	34.6	29.4	39.9	1015.5	57.1	43.1	71.0	1032.8	27.1	-41.1	95.3
2012	49.5	33.7	29.2	38.2	1029.1	56.3	43.2	69.5	1049.4	26.2	-41.0	93.5
2013	49.3	33.4	28.7	38.0	1049.2	57.5	44.1	70.9	1075.5	36.9	-33.0	106.7
2014	50.2	33.2	28.1	38.3	1075.5	56.3	43.7	68.8	1103.8	35.7	-40.3	111.7



Web Appendix 29 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	274.6	98.8	87.5	110.0	82.0	33.0	29.2	36.8	192.6	65.8	58.3	73.2
1991	272.9	100.6	90.7	110.4	84.2	34.5	31.1	37.9	188.7	66.1	59.6	72.5
1992	271.0	102.2	90.4	114.0	86.9	36.0	31.8	40.2	184.2	66.1	58.6	73.7
1993	270.4	103.1	93.7	112.6	89.2	37.2	33.7	40.6	181.2	66.0	60.0	72.0
1994	272.5	105.5	95.1	115.9	92.5	39.1	35.1	43.0	180.0	66.5	60.0	72.9
1995	278.8	109.8	98.0	121.7	96.8	41.5	37.0	46.1	182.0	68.3	61.0	75.6
1996	284.0	115.0	103.9	126.1	100.9	44.4	40.0	48.8	183.1	70.6	63.9	77.3
1997	290.2	120.3	109.6	131.0	105.7	47.4	43.1	51.7	184.5	72.9	66.5	79.2
1998	296.8	125.5	112.5	138.5	110.1	50.3	44.9	55.6	186.8	75.2	67.5	82.9
1999	300.5	129.2	116.4	142.0	113.1	52.4	47.0	57.7	187.4	76.8	69.4	84.3
2000	300.7	129.0	119.9	138.1	115.2	53.2	49.4	57.0	185.5	75.8	70.5	81.1
2001	296.8	128.7	119.0	138.5	116.0	54.1	49.9	58.3	180.7	74.6	69.0	80.2
2002	287.9	125.9	116.9	135.0	114.8	53.9	50.0	57.8	173.1	72.0	66.9	77.2
2003	278.6	121.9	111.2	132.7	113.2	53.1	48.4	57.9	165.4	68.8	62.8	74.8
2004	270.0	119.4	106.9	131.9	111.8	52.9	47.1	58.7	158.2	66.5	59.7	73.2
2005	265.8	118.9	109.2	128.6	111.9	53.4	49.0	57.8	154.0	65.5	60.2	70.8
2006	264.8	120.4	111.0	129.8	113.8	55.0	50.7	59.4	150.9	65.4	60.3	70.5
2007	265.7	121.8	111.8	131.8	115.9	56.5	51.8	61.2	149.8	65.3	60.0	70.5
2008	266.0	117.9	108.0	127.8	116.6	55.2	50.5	60.0	149.3	62.7	57.6	67.8
2009	260.1	111.6	102.3	120.8	114.6	52.7	48.3	57.2	145.5	58.8	54.1	63.6
2010	248.2	106.6	98.3	114.9	109.6	50.7	46.7	54.8	138.6	55.8	51.6	60.1
2011	239.2	102.5	94.9	110.1	104.7	48.6	44.9	52.3	134.5	53.9	50.0	57.8
2012	234.3	99.2	91.0	107.4	101.7	46.8	42.8	50.8	132.6	52.4	48.2	56.7
2013	232.2	96.8	88.9	104.7	99.8	45.4	41.5	49.3	132.3	51.4	47.4	55.5
2014	232.2	97.3	89.6	105.0	99.1	45.4	41.7	49.2	133.1	51.8	47.9	55.8

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 30. Standardized mortality from alcohol-attributable disease and injury categories for Israel, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	30.4	9.0	5.7	12.4	565.8	13.0	8.5	17.5	859.3	-3.3	-50.3	43.7
1991	31.7	9.3	4.8	13.9	595.0	13.6	8.9	18.3	883.8	-3.2	-50.1	43.8
1992	33.5	10.0	5.6	14.4	631.3	14.7	9.6	19.9	913.9	-3.4	-58.2	51.3
1993	34.8	10.4	5.4	15.4	671.7	15.7	10.2	21.2	934.6	-3.5	-59.8	52.9
1994	36.4	10.7	5.8	15.6	707.5	16.3	10.8	21.8	944.5	-2.8	-61.3	55.7
1995	39.5	11.3	5.8	16.7	735.1	16.6	10.8	22.3	933.9	-2.0	-59.4	55.5
1996	41.6	12.1	6.1	18.1	758.1	17.3	11.5	23.1	908.1	-1.9	-49.1	45.2
1997	43.8	13.3	6.9	19.6	772.7	18.1	11.9	24.3	876.7	-2.1	-55.0	50.8
1998	45.9	14.2	7.5	20.9	783.1	18.5	12.2	24.8	848.4	-2.1	-56.2	52.0
1999	48.2	15.3	8.2	22.5	792.0	19.1	12.5	25.7	819.4	-1.9	-54.5	50.6
2000	50.5	16.5	9.6	23.4	801.4	19.8	13.0	26.7	799.6	-2.3	-55.2	50.7
2001	51.9	17.4	10.0	24.8	810.5	20.3	13.5	27.2	784.2	-2.4	-51.9	47.2
2002	52.7	17.5	9.4	25.7	817.8	20.3	12.6	28.0	769.0	2.1	-42.0	46.1
2003	52.7	17.3	8.7	25.9	820.7	20.0	13.5	26.6	753.9	6.2	-31.8	44.2
2004	52.5	17.1	8.9	25.4	824.3	20.0	13.2	26.8	743.1	6.0	-31.0	42.9
2005	52.6	17.0	8.8	25.2	832.0	19.9	13.3	26.5	739.8	4.1	-34.7	42.9
2006	52.4	17.0	9.5	24.6	848.1	20.2	13.4	27.1	739.3	4.0	-36.0	44.1
2007	52.0	17.0	8.3	25.7	863.8	20.7	12.5	28.9	742.3	3.8	-35.0	42.5
2008	51.5	17.2	9.7	24.7	879.7	21.4	13.6	29.1	743.4	3.8	-36.4	44.0
2009	51.2	17.4	9.5	25.3	891.7	21.7	13.5	29.9	744.3	2.0	-39.5	43.6
2010	50.3	17.3	10.1	24.6	899.8	22.1	14.8	29.3	741.5	2.0	-34.0	37.9
2011	49.3	17.2	10.4	24.0	899.5	22.3	14.3	30.3	736.2	1.9	-34.2	37.9
2012	48.1	16.8	10.0	23.6	893.4	22.2	14.5	29.9	729.9	1.7	-39.4	42.8
2013	47.7	16.6	8.2	25.0	894.6	22.1	13.8	30.5	731.2	1.7	-39.4	42.9
2014	48.6	17.7	10.0	25.4	912.9	23.6	15.0	32.2	747.1	1.7	-38.2	41.7

Web Appendix 30 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	206.8	27.4	23.6	31.2	70.6	11.8	10.1	13.4	136.2	15.6	13.4	17.8
1991	213.8	28.5	24.7	32.4	75.4	12.6	10.9	14.3	138.4	15.9	13.8	18.1
1992	224.0	30.6	27.1	34.2	79.9	13.6	12.1	15.2	144.1	17.0	15.1	19.0
1993	230.0	32.5	28.4	36.6	81.5	14.2	12.4	16.0	148.5	18.3	16.0	20.6
1994	233.4	32.9	28.4	37.4	83.3	14.4	12.5	16.4	150.1	18.5	16.0	21.0
1995	238.0	34.1	29.5	38.6	84.4	14.9	12.9	16.8	153.6	19.2	16.6	21.8
1996	242.5	35.5	30.0	40.9	86.2	15.5	13.1	17.9	156.3	20.0	16.9	23.1
1997	247.5	37.4	32.7	42.1	87.9	16.3	14.2	18.3	159.6	21.1	18.5	23.8
1998	251.2	38.7	34.5	43.0	88.7	16.7	14.9	18.5	162.5	22.0	19.6	24.5
1999	255.4	39.9	34.6	45.2	90.2	17.1	14.9	19.4	165.2	22.7	19.8	25.7
2000	257.3	42.2	36.9	47.5	92.5	18.3	16.0	20.6	164.8	23.9	20.8	26.9
2001	261.3	43.3	37.7	48.9	95.7	19.1	16.6	21.5	165.6	24.2	21.1	27.4
2002	262.9	43.7	38.4	49.0	97.4	19.5	17.1	21.9	165.5	24.2	21.2	27.1
2003	260.4	42.7	37.3	48.0	96.2	19.1	16.7	21.5	164.2	23.6	20.6	26.5
2004	256.4	42.3	36.5	48.1	93.5	18.7	16.2	21.3	162.8	23.5	20.4	26.7
2005	255.6	42.0	36.4	47.6	92.8	18.5	16.1	21.0	162.9	23.5	20.3	26.6
2006	254.5	41.7	36.9	46.5	90.7	18.2	16.1	20.3	163.8	23.5	20.8	26.2
2007	250.8	41.5	35.6	47.4	88.0	18.0	15.4	20.5	162.8	23.5	20.2	26.8
2008	249.4	41.2	35.5	46.9	87.0	17.9	15.4	20.4	162.3	23.3	20.1	26.5
2009	247.7	40.6	35.6	45.6	86.6	17.8	15.6	20.1	161.1	22.8	20.0	25.6
2010	245.0	40.7	34.9	46.5	85.9	18.0	15.3	20.6	159.1	22.7	19.5	25.8
2011	241.7	40.6	35.6	45.6	84.8	18.0	15.8	20.2	156.8	22.6	19.8	25.4
2012	236.3	40.4	34.3	46.4	82.9	17.9	15.2	20.6	153.3	22.5	19.1	25.8
2013	234.8	40.3	35.7	44.9	82.5	17.9	15.9	19.9	152.2	22.4	19.8	25.0
2014	238.8	41.5	36.6	46.4	83.8	18.4	16.3	20.6	155.0	23.1	20.4	25.8

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 31. Standardized mortality from alcohol-attributable disease and injury categories for Italy, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	141.0	96.7	79.7	113.8	1030.5	63.9	47.9	80.0	1062.5	26.5	-63.8	116.8
1991	138.6	94.5	80.1	109.0	1042.6	64.2	48.5	79.9	1065.6	26.0	-62.4	114.5
1992	133.1	90.0	76.7	103.4	1043.5	63.3	47.6	79.1	1050.7	24.7	-60.0	109.3
1993	127.2	85.3	71.6	99.0	1042.8	62.4	44.2	80.5	1034.7	23.3	-62.9	109.5
1994	123.4	81.7	64.8	98.7	1049.3	61.6	43.9	79.3	1032.8	21.7	-60.4	103.7
1995	118.6	77.4	63.6	91.2	1054.9	60.5	43.7	77.3	1032.7	20.0	-63.7	103.7
1996	112.1	72.3	59.0	85.5	1053.8	59.3	43.4	75.1	1012.5	18.3	-54.7	91.4
1997	106.6	68.1	55.3	81.0	1048.1	58.1	42.3	73.9	990.6	16.9	-58.7	92.5
1998	102.8	65.5	53.1	77.8	1047.1	57.7	41.9	73.4	977.0	16.2	-54.2	86.6
1999	99.5	63.8	50.8	76.7	1044.2	58.1	41.9	74.2	958.1	16.5	-56.7	89.7
2000	96.6	62.4	52.4	72.4	1044.3	58.7	43.7	73.6	942.8	18.1	-47.3	83.4
2001	94.3	61.0	48.8	73.1	1044.9	58.3	41.1	75.5	931.9	17.0	-55.8	89.8
2002	92.1	59.1	48.3	69.9	1046.0	57.3	41.6	73.0	916.2	18.1	-50.8	87.0
2003	88.9	56.3	46.5	66.0	1037.2	55.3	39.4	71.1	888.0	15.0	-55.9	85.9
2004	83.4	52.0	42.0	61.9	1011.7	52.6	36.7	68.6	838.6	12.1	-56.8	81.0
2005	80.9	49.5	39.6	59.3	1003.2	50.6	36.4	64.7	818.9	10.8	-48.5	70.1
2006	81.1	49.0	38.2	59.8	1015.8	50.1	35.1	65.1	824.0	12.3	-47.8	72.3
2007	81.1	48.2	37.9	58.5	1024.5	49.4	33.8	64.9	825.3	11.3	-49.3	71.8
2008	80.2	46.6	35.2	57.9	1025.0	47.7	33.2	62.2	816.7	10.2	-50.7	71.2
2009	78.9	44.3	37.4	51.2	1022.3	45.6	34.2	57.1	809.3	7.1	-51.0	65.2
2010	77.1	42.5	32.3	52.6	1014.5	44.2	30.7	57.8	800.2	9.6	-45.6	64.8
2011	77.2	42.9	32.5	53.4	1019.0	45.0	32.3	57.6	815.5	11.1	-45.0	67.2
2012	78.0	43.9	34.1	53.7	1029.9	46.3	33.3	59.3	836.5	12.8	-45.3	70.9
2013	79.3	45.1	36.0	54.2	1045.9	47.8	34.8	60.7	863.4	14.8	-42.8	72.4
2014	80.1	44.9	33.2	56.7	1057.6	47.2	33.7	60.6	880.0	14.8	-46.9	76.5

Web Appendix 31 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	360.6	125.6	108.4	142.8	87.4	32.3	27.9	36.8	273.2	93.2	80.5	106.0
1991	366.3	127.9	114.0	141.7	89.7	33.2	29.6	36.8	276.6	94.7	84.4	104.9
1992	360.3	125.0	110.9	139.2	88.3	32.5	28.8	36.2	271.9	92.5	82.1	103.0
1993	347.4	119.9	105.7	134.1	85.8	31.4	27.6	35.1	261.6	88.5	78.1	99.0
1994	339.1	117.2	104.4	129.9	84.4	30.8	27.4	34.2	254.7	86.4	77.0	95.7
1995	332.0	113.7	99.6	127.8	83.1	30.0	26.3	33.8	248.9	83.7	73.3	94.0
1996	323.7	109.2	96.2	122.2	81.6	29.1	25.6	32.7	242.2	80.1	70.5	89.6
1997	314.4	106.1	93.7	118.6	79.4	28.4	25.0	31.8	235.0	77.7	68.7	86.8
1998	307.2	104.3	91.6	117.1	77.3	27.7	24.2	31.1	229.9	76.6	67.3	85.9
1999	299.4	102.0	89.5	114.6	74.8	26.8	23.5	30.2	224.6	75.2	66.0	84.4
2000	289.3	101.6	92.2	111.1	71.6	26.4	23.9	28.9	217.6	75.2	68.2	82.2
2001	282.0	99.2	86.7	111.7	69.0	25.5	22.3	28.8	213.0	73.7	64.4	82.9
2002	272.9	94.8	82.6	107.0	66.6	24.3	21.2	27.5	206.3	70.5	61.4	79.5
2003	261.8	90.9	80.5	101.3	64.4	23.4	20.7	26.2	197.4	67.5	59.8	75.1
2004	244.5	83.7	73.4	94.1	60.6	21.8	19.1	24.5	183.9	61.9	54.3	69.6
2005	235.3	79.8	71.4	88.2	58.8	20.9	18.7	23.1	176.5	58.8	52.6	65.0
2006	234.7	79.9	71.3	88.6	58.5	20.9	18.6	23.2	176.2	59.0	52.7	65.4
2007	232.0	79.1	69.9	88.4	58.5	21.0	18.5	23.5	173.5	58.2	51.5	64.9
2008	226.9	76.4	68.0	84.8	58.2	20.6	18.3	22.9	168.7	55.8	49.7	61.8
2009	220.6	71.5	64.6	78.4	57.6	19.7	17.8	21.6	163.0	51.8	46.8	56.8
2010	212.9	68.3	61.0	75.6	56.5	19.2	17.1	21.3	156.4	49.1	43.9	54.3
2011	210.9	68.1	61.6	74.7	56.4	19.4	17.5	21.3	154.5	48.8	44.1	53.4
2012	210.2	68.6	59.9	77.3	56.5	19.6	17.1	22.2	153.7	49.0	42.9	55.1
2013	211.3	68.7	61.9	75.4	57.0	19.7	17.7	21.7	154.3	48.9	44.1	53.7
2014	211.7	68.0	60.3	75.7	56.8	19.5	17.2	21.7	154.9	48.5	43.1	54.0

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 32. Standardized mortality from alcohol-attributable disease and injury categories for Kazakhstan, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	140.9	74.2	53.6	94.8	1331.2	66.0	46.7	85.2	3398.0	114.9	-95.5	325.2
1991	147.4	104.8	87.0	122.6	1370.5	109.8	85.3	134.3	3622.3	236.1	-72.0	544.2
1992	156.5	110.4	92.6	128.2	1409.9	110.6	86.7	134.5	3895.2	245.3	-59.9	550.4
1993	168.6	116.7	96.3	137.2	1442.4	108.9	84.3	133.5	4213.8	249.0	-52.4	550.3
1994	181.0	120.5	99.2	141.8	1459.6	101.8	78.3	125.4	4505.9	235.4	-83.3	554.0
1995	193.2	119.5	95.0	144.1	1451.9	87.9	67.6	108.2	4717.7	201.5	-61.8	464.7
1996	202.6	114.8	81.3	148.4	1421.7	74.8	53.3	96.3	4800.2	170.6	-95.4	436.6
1997	209.1	116.5	82.7	150.3	1379.7	71.3	49.9	92.7	4767.5	163.8	-114.0	441.7
1998	213.8	121.7	86.7	156.6	1330.8	70.8	51.5	90.1	4668.6	164.1	-94.7	422.9
1999	219.4	133.6	106.0	161.2	1285.8	74.7	55.7	93.7	4557.0	178.0	-107.4	463.4
2000	228.7	143.3	104.5	182.0	1247.1	76.8	54.0	99.5	4474.6	186.0	-93.6	465.6
2001	242.8	159.3	129.5	189.2	1223.6	80.9	60.5	101.4	4443.6	202.6	-85.8	490.9
2002	262.9	174.4	139.4	209.3	1215.0	81.9	61.2	102.5	4470.6	206.7	-86.4	499.8
2003	288.1	193.2	149.8	236.6	1218.1	83.8	61.7	105.9	4535.0	214.1	-79.4	507.5
2004	316.6	215.1	169.7	260.5	1231.4	86.2	63.8	108.5	4601.7	222.8	-71.2	516.7
2005	339.2	232.4	188.9	275.8	1240.8	88.0	67.1	108.9	4627.8	227.7	-71.4	526.7
2006	353.2	244.8	199.8	289.7	1242.5	89.8	68.5	111.1	4595.4	231.6	-87.5	550.6
2007	358.0	250.3	205.6	294.9	1237.4	91.3	68.1	114.4	4509.8	232.7	-57.5	523.0
2008	360.4	252.0	205.6	298.4	1225.7	90.6	68.8	112.3	4396.5	226.5	-83.6	536.5
2009	357.3	249.4	200.2	298.6	1219.3	89.7	67.8	111.6	4286.6	218.8	-72.3	510.0
2010	353.8	245.5	198.8	292.3	1217.6	89.4	66.4	112.4	4220.4	212.1	-78.5	502.7
2011	343.9	238.5	192.4	284.7	1218.3	90.8	67.1	114.4	4183.5	208.3	-90.7	507.3
2012	338.8	233.6	191.1	276.1	1226.4	91.4	67.9	115.0	4172.5	204.9	-93.9	503.7
2013	336.3	230.5	184.4	276.5	1241.4	92.3	67.6	117.0	4187.1	202.1	-92.5	496.7
2014	343.0	232.9	186.5	279.3	1268.7	92.3	68.0	116.7	4258.7	200.3	-78.4	479.0

Web Appendix 32 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	929.9	315.4	294.8	336.1	330.9	127.0	118.7	135.4	599.0	188.4	176.1	200.6
1991	970.3	370.2	330.0	410.4	354.8	152.4	135.8	169.0	615.5	217.9	194.3	241.5
1992	1019.4	375.2	336.4	414.1	388.5	160.6	144.0	177.3	630.9	214.6	192.4	236.8
1993	1066.7	385.0	343.8	426.2	421.1	170.9	152.6	189.2	645.6	214.1	191.2	237.1
1994	1105.0	377.4	334.9	419.9	448.9	172.3	153.0	191.7	656.1	205.0	181.9	228.2
1995	1133.0	338.7	304.5	372.9	469.1	157.2	141.5	173.0	663.9	181.5	163.0	199.9
1996	1143.1	313.8	279.2	348.5	478.9	146.9	130.8	163.0	664.2	166.9	148.3	185.5
1997	1144.5	317.4	286.9	347.9	482.5	148.7	134.6	162.8	662.0	168.7	152.3	185.1
1998	1140.0	324.2	292.2	356.1	483.0	151.8	137.0	166.7	657.0	172.3	155.2	189.4
1999	1141.0	328.6	292.3	364.8	486.7	154.1	137.3	170.9	654.4	174.4	154.9	193.9
2000	1149.9	362.0	330.8	393.1	503.1	173.2	158.5	187.9	646.8	188.8	172.3	205.2
2001	1146.8	366.0	319.8	412.2	518.3	180.3	157.7	202.9	628.5	185.7	162.2	209.3
2002	1135.3	367.5	333.5	401.4	531.1	186.8	169.8	203.8	604.2	180.7	163.7	197.6
2003	1125.8	373.4	331.9	414.9	543.6	195.4	173.9	217.0	582.2	178.0	158.0	197.9
2004	1116.1	372.8	334.9	410.8	546.4	197.4	177.5	217.3	569.7	175.5	157.4	193.5
2005	1109.8	377.2	333.8	420.5	536.8	196.8	174.4	219.2	572.9	180.3	159.4	201.3
2006	1095.8	376.1	339.6	412.5	520.0	192.8	174.3	211.2	575.8	183.3	165.3	201.2
2007	1069.8	372.6	336.3	409.0	502.6	189.4	171.1	207.7	567.2	183.2	165.2	201.3
2008	1035.2	361.0	321.1	400.9	480.5	181.8	161.8	201.8	554.7	179.2	159.3	199.1
2009	1002.2	338.9	298.7	379.1	462.0	170.2	150.2	190.2	540.2	168.7	148.5	188.9
2010	980.7	332.3	299.1	365.6	449.7	166.6	150.1	183.0	531.0	165.8	149.0	182.5
2011	967.5	326.8	285.5	368.0	444.9	164.5	144.0	185.1	522.6	162.2	141.6	182.9
2012	961.1	326.1	287.4	364.9	443.2	164.9	145.4	184.3	517.9	161.3	142.0	180.6
2013	959.8	323.0	285.4	360.7	443.5	163.6	144.7	182.6	516.2	159.4	140.7	178.1
2014	971.8	323.5	286.8	360.1	447.9	163.7	145.3	182.2	523.9	159.7	141.5	178.0

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 33. Standardized mortality from alcohol-attributable disease and injury categories for Kyrgyzstan, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	204.1	127.2	85.6	168.8	887.9	49.6	33.2	66.0	3118.1	219.5	0.2	438.9
1991	217.4	135.0	94.7	175.3	901.2	50.1	33.5	66.7	3243.4	227.1	-2.0	456.3
1992	233.1	139.6	100.3	178.8	910.5	47.9	33.9	61.9	3397.1	224.0	-18.1	466.2
1993	251.9	145.8	105.6	186.1	910.6	45.0	32.5	57.5	3585.0	220.4	-12.5	453.2
1994	275.5	149.5	89.3	209.7	909.9	41.9	27.6	56.3	3764.3	217.5	-18.4	453.4
1995	300.8	164.0	109.8	218.1	908.6	41.5	28.9	54.1	3890.5	221.9	-21.3	465.1
1996	322.4	171.7	103.2	240.2	905.2	40.7	27.2	54.1	3946.6	222.8	-25.8	471.4
1997	344.0	188.8	131.9	245.7	899.5	41.7	30.3	53.1	3962.4	231.2	-34.3	496.8
1998	358.8	190.4	118.0	262.8	891.8	40.1	26.3	53.8	3968.7	226.7	-16.6	469.9
1999	372.5	193.3	119.5	267.0	880.4	37.8	25.5	50.2	3977.7	216.6	-22.1	455.3
2000	387.0	193.0	112.4	273.5	864.3	35.8	23.1	48.5	4014.6	213.2	-29.6	456.1
2001	400.4	212.0	124.9	299.1	849.0	37.8	24.6	51.0	4057.3	227.1	-24.2	478.3
2002	415.8	242.4	173.2	311.6	835.2	41.5	28.5	54.4	4103.7	254.1	-10.1	518.4
2003	432.0	267.7	206.7	328.6	827.4	45.5	34.3	56.7	4161.3	287.5	4.5	570.5
2004	451.3	289.4	224.0	354.9	822.8	47.1	35.0	59.1	4239.8	304.4	20.9	587.8
2005	470.8	304.7	220.6	388.8	820.0	46.8	32.7	60.9	4318.4	307.7	17.7	597.7
2006	487.1	318.0	253.9	382.1	815.6	46.7	35.4	58.1	4363.8	311.4	10.8	612.0
2007	493.4	326.3	247.3	405.3	808.5	46.6	32.7	60.5	4348.4	312.8	50.8	574.9
2008	490.5	325.4	248.4	402.4	799.6	45.9	34.3	57.6	4264.8	306.1	26.0	586.3
2009	482.0	318.3	229.6	407.0	793.9	44.2	32.2	56.2	4161.1	288.0	21.8	554.2
2010	474.4	274.5	193.8	355.2	790.0	36.9	25.8	47.9	4065.1	236.1	-11.3	483.4
2011	466.0	308.7	243.6	373.8	789.9	44.8	32.9	56.8	3981.8	279.1	22.1	536.1
2012	463.0	306.8	251.8	361.8	795.7	45.3	34.1	56.4	3919.9	275.3	38.6	512.0
2013	463.3	306.5	229.1	384.0	806.9	46.1	33.4	58.8	3886.4	273.9	18.5	529.4
2014	475.4	285.3	203.6	367.0	827.1	41.2	29.1	53.3	3957.7	241.9	-14.0	497.7



Web Appendix 33 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	666.0	139.1	115.3	162.8	183.4	48.9	40.5	57.3	482.7	90.2	74.8	105.5
1991	689.9	145.2	116.9	173.5	195.4	52.0	41.8	62.2	494.4	93.2	75.1	111.3
1992	709.5	145.3	118.9	171.7	210.4	53.9	44.0	63.7	499.1	91.4	74.8	108.1
1993	723.1	135.2	108.1	162.3	222.6	51.3	41.0	61.6	500.6	83.9	67.1	100.7
1994	729.4	137.4	114.7	160.0	228.3	52.6	44.0	61.3	501.0	84.7	70.8	98.6
1995	719.1	128.5	108.1	148.9	228.9	49.8	41.9	57.7	490.1	78.7	66.2	91.3
1996	701.4	127.8	105.7	149.8	225.9	49.9	41.3	58.5	475.5	77.8	64.4	91.3
1997	675.7	124.3	102.0	146.7	218.5	48.6	39.9	57.3	457.3	75.7	62.1	89.3
1998	653.6	120.7	99.9	141.5	214.6	47.7	39.5	55.9	439.1	73.0	60.4	85.6
1999	632.1	107.6	84.8	130.3	209.7	42.8	33.8	51.9	422.4	64.7	51.0	78.5
2000	608.6	103.1	83.0	123.3	202.0	40.8	32.9	48.7	406.7	62.3	50.1	74.6
2001	591.9	104.3	86.9	121.7	195.7	40.7	34.0	47.5	396.2	63.6	52.9	74.3
2002	580.8	109.8	91.5	128.0	189.8	41.9	35.0	48.8	391.0	67.9	56.6	79.2
2003	576.8	126.2	106.2	146.2	186.3	47.1	39.7	54.5	390.5	79.1	66.6	91.7
2004	577.4	130.3	108.0	152.6	184.9	47.7	39.5	55.8	392.5	82.7	68.5	96.9
2005	581.7	130.6	105.8	155.4	185.6	47.1	38.2	56.0	396.1	83.5	67.7	99.4
2006	581.8	131.9	107.5	156.3	183.8	46.7	38.1	55.3	397.9	85.2	69.4	100.9
2007	580.3	132.1	108.7	155.4	181.1	45.9	37.8	54.0	399.2	86.2	70.9	101.4
2008	577.6	132.1	107.7	156.6	180.2	45.8	37.3	54.2	397.4	86.4	70.4	102.3
2009	571.6	122.7	101.6	143.7	179.1	42.6	35.3	49.9	392.5	80.1	66.4	93.8
2010	568.4	112.7	95.4	129.9	179.2	39.4	33.4	45.4	389.2	73.3	62.0	84.6
2011	566.0	121.1	100.6	141.5	179.4	42.6	35.4	49.7	386.6	78.5	65.2	91.8
2012	567.6	120.5	98.4	142.6	181.0	42.7	34.9	50.5	386.7	77.9	63.5	92.2
2013	571.9	121.4	100.6	142.3	183.4	43.3	35.9	50.7	388.4	78.2	64.7	91.7
2014	583.7	115.0	93.8	136.1	186.7	40.8	33.3	48.3	397.1	74.2	60.5	87.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 34. Standardized mortality from alcohol-attributable disease and injury categories for Latvia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	71.1	46.2	37.1	55.4	1339.5	65.0	46.1	83.8	3603.6	-6.2	-289.5	277.1
1991	80.3	51.6	42.6	60.7	1400.5	67.8	50.1	85.5	3812.8	-10.3	-313.2	292.6
1992	94.3	61.8	50.4	73.3	1497.0	75.5	56.1	94.8	4219.2	-5.4	-360.2	349.5
1993	114.2	78.0	64.1	91.9	1579.3	86.1	61.6	110.7	4693.9	8.6	-397.1	414.3
1994	130.9	91.7	75.3	108.0	1611.6	92.8	68.4	117.1	4915.5	21.4	-389.6	432.5
1995	134.3	94.7	81.4	108.0	1546.2	89.4	66.2	112.7	4676.2	28.6	-382.0	439.2
1996	125.6	87.5	73.2	101.8	1480.1	82.8	61.7	103.9	4190.0	25.2	-345.9	396.4
1997	119.8	83.4	71.6	95.2	1423.4	79.0	60.2	97.9	3846.3	24.7	-311.4	360.7
1998	120.7	84.5	68.2	100.8	1405.1	79.0	59.2	98.7	3706.9	25.7	-268.9	320.3
1999	123.8	85.6	71.2	100.1	1401.6	77.5	56.2	98.7	3659.0	19.1	-293.9	332.2
2000	129.1	87.1	71.8	102.4	1391.5	73.6	54.4	92.9	3657.2	11.2	-292.9	315.4
2001	134.3	88.7	73.7	103.7	1405.7	72.3	53.1	91.4	3638.0	3.5	-291.1	298.1
2002	137.7	92.1	76.6	107.6	1407.8	74.4	53.6	95.1	3585.0	5.7	-306.8	318.2
2003	140.5	96.3	81.0	111.7	1406.1	77.8	58.8	96.8	3515.0	14.4	-272.5	301.2
2004	146.6	103.3	86.0	120.6	1413.3	82.0	59.9	104.0	3496.2	25.0	-267.7	317.7
2005	157.4	113.1	98.7	127.5	1427.7	86.3	66.6	106.0	3537.5	34.3	-298.2	366.9
2006	167.7	123.7	108.4	139.0	1439.2	91.7	69.2	114.2	3552.8	50.3	-275.1	375.6
2007	169.3	126.4	110.8	142.0	1413.1	93.1	70.2	116.1	3428.2	56.1	-267.6	379.8
2008	159.4	118.5	105.0	132.0	1350.5	88.0	65.8	110.2	3162.0	48.1	-253.6	349.7
2009	147.3	107.5	91.5	123.5	1295.3	81.1	60.6	101.6	2953.0	33.1	-227.7	293.9
2010	136.0	97.2	81.3	113.1	1244.2	75.8	55.4	96.2	2786.8	7.8	-277.8	293.4
2011	125.8	89.5	76.1	102.9	1197.9	72.0	52.2	91.9	2664.0	-17.7	-297.0	261.7
2012	118.4	84.7	74.3	95.2	1166.4	71.2	53.5	89.0	2593.7	-16.2	-336.4	304.0
2013	113.4	81.5	69.6	93.5	1146.7	71.0	51.8	90.2	2587.0	-15.5	-314.3	283.3
2014	112.6	81.8	70.2	93.3	1145.7	71.4	51.2	91.5	2601.2	-12.6	-290.7	265.6

Web Appendix 34 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	1599.0	429.4	380.1	478.7	457.4	138.2	122.2	154.2	1141.5	291.2	258.0	324.5
1991	1751.4	468.5	410.2	526.7	512.7	154.1	135.0	173.2	1238.7	314.4	275.2	353.5
1992	1932.0	530.3	458.0	602.5	590.2	179.7	155.3	204.2	1341.8	350.5	302.7	398.3
1993	2115.3	618.9	524.0	713.9	676.9	215.4	182.7	248.2	1438.4	403.5	341.3	465.7
1994	2177.9	676.0	585.0	767.1	717.7	239.5	207.4	271.6	1460.2	436.5	377.6	495.5
1995	2024.1	621.2	536.8	705.6	685.9	226.6	195.8	257.5	1338.2	394.6	341.0	448.2
1996	1745.9	521.8	465.3	578.3	613.0	198.2	176.7	219.7	1132.9	323.6	288.6	358.6
1997	1543.7	463.1	396.0	530.1	551.9	179.4	153.4	205.3	991.8	283.7	242.6	324.8
1998	1426.4	438.1	376.1	500.2	507.3	168.2	144.3	192.0	919.1	270.0	231.8	308.1
1999	1344.4	414.6	357.7	471.5	477.4	157.7	136.0	179.3	866.9	256.9	221.7	292.1
2000	1285.5	383.3	339.9	426.7	454.1	144.3	128.0	160.6	831.4	239.0	211.9	266.1
2001	1235.9	364.1	311.8	416.5	430.1	134.9	115.5	154.3	805.7	229.3	196.3	262.2
2002	1166.9	353.5	306.7	400.3	402.4	129.5	112.4	146.6	764.6	224.0	194.3	253.7
2003	1097.5	342.5	291.6	393.5	376.2	124.5	106.0	143.1	721.4	218.0	185.6	250.4
2004	1042.1	336.1	291.4	380.8	354.8	121.0	104.8	137.1	687.4	215.1	186.5	243.7
2005	1018.6	342.3	303.1	381.4	344.6	122.1	108.1	136.1	674.0	220.2	195.0	245.4
2006	990.9	345.3	299.9	390.7	333.5	122.4	106.3	138.5	657.4	222.9	193.6	252.2
2007	930.3	340.2	296.2	384.2	313.9	121.2	105.5	136.9	616.4	219.0	190.7	247.3
2008	858.0	313.3	274.4	352.2	295.8	113.9	99.7	128.1	562.2	199.4	174.7	224.1
2009	754.5	258.1	223.4	292.7	267.2	96.6	83.6	109.7	487.3	161.4	139.8	183.1
2010	675.0	227.9	199.3	256.5	243.8	87.0	76.0	97.9	431.1	140.9	123.2	158.6
2011	621.7	211.9	186.5	237.4	228.0	82.3	72.4	92.2	393.7	129.6	114.1	145.2
2012	587.2	202.5	175.9	229.1	217.8	79.6	69.1	90.1	369.5	122.9	106.8	139.0
2013	574.1	200.2	172.4	228.0	213.6	79.0	68.0	90.0	360.6	121.2	104.4	138.0
2014	566.3	199.7	179.0	220.4	210.7	78.6	70.5	86.8	355.7	121.0	108.5	133.5

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 35. Standardized mortality from alcohol-attributable disease and injury categories for Lithuania, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	74.8	53.7	46.3	61.0	1254.4	70.1	54.2	85.9	2680.2	45.6	-115.9	207.0
1991	82.5	57.0	49.1	65.0	1301.1	69.6	54.2	85.1	2808.8	36.3	-143.4	216.0
1992	93.4	62.3	52.8	71.7	1357.6	66.3	51.1	81.4	2991.2	32.8	-115.2	180.8
1993	107.2	67.2	53.4	81.0	1417.4	63.6	48.3	79.0	3229.1	23.2	-129.1	175.5
1994	122.1	79.7	67.2	92.3	1446.6	69.0	52.5	85.5	3364.7	34.3	-112.0	180.5
1995	128.5	88.0	74.8	101.1	1412.2	74.9	56.3	93.4	3300.0	44.2	-146.5	235.0
1996	127.1	90.6	78.2	103.0	1374.1	78.9	62.3	95.5	3067.0	54.5	-137.4	246.5
1997	127.7	91.5	80.5	102.4	1327.7	77.0	61.3	92.7	2836.5	52.2	-120.3	224.7
1998	133.4	95.4	81.5	109.3	1304.6	74.6	59.0	90.2	2692.9	49.8	-106.0	205.5
1999	142.0	103.9	92.2	115.7	1295.7	77.9	61.0	94.7	2635.0	55.8	-115.8	227.5
2000	157.1	118.7	104.9	132.6	1295.8	85.9	69.4	102.4	2647.7	68.7	-103.8	241.2
2001	175.5	135.1	119.8	150.5	1324.4	92.3	73.5	111.0	2694.9	78.8	-107.7	265.3
2002	193.3	149.4	132.1	166.6	1342.3	95.2	75.5	115.0	2723.0	79.8	-123.2	282.9
2003	211.8	164.7	146.2	183.3	1347.7	97.9	78.0	117.8	2735.4	83.0	-145.3	311.2
2004	237.0	184.9	165.3	204.5	1365.0	101.0	80.4	121.6	2793.5	85.8	-128.5	300.0
2005	273.1	213.9	197.0	230.8	1393.8	105.3	82.9	127.7	2920.9	92.3	-139.4	324.1
2006	309.7	243.3	222.8	263.8	1418.6	109.1	87.9	130.3	3035.7	98.3	-142.7	339.3
2007	327.0	257.3	222.5	292.0	1412.5	110.3	84.9	135.6	3041.7	99.7	-132.0	331.4
2008	310.1	242.7	217.1	268.4	1361.9	106.7	84.7	128.6	2886.6	84.4	-164.7	333.6
2009	276.4	215.1	191.5	238.7	1292.8	99.6	82.0	117.2	2675.7	73.0	-158.6	304.7
2010	247.5	191.1	169.5	212.7	1234.8	94.5	75.1	113.9	2521.3	59.5	-159.7	278.7
2011	224.1	175.7	159.0	192.5	1193.9	94.6	73.9	115.3	2434.0	65.7	-170.8	302.2
2012	209.4	165.9	146.5	185.3	1171.2	95.4	76.0	114.9	2400.6	73.0	-169.9	316.0
2013	198.7	159.2	142.3	176.2	1157.4	96.6	75.6	117.6	2394.9	80.2	-180.2	340.6
2014	197.1	157.8	143.7	171.9	1156.2	94.5	74.6	114.4	2411.5	79.5	-146.6	305.6

Web Appendix 35 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	1389.8	493.0	424.8	561.1	442.3	175.2	151.1	199.3	947.5	317.7	273.7	361.7
1991	1528.0	531.7	474.6	588.7	486.5	192.2	171.7	212.8	1041.5	339.4	303.0	375.9
1992	1660.7	530.2	473.7	586.7	545.7	198.3	177.3	219.3	1115.1	332.0	296.5	367.4
1993	1749.7	563.7	503.2	624.3	611.4	218.3	194.9	241.7	1138.4	345.4	308.3	382.6
1994	1792.6	593.6	530.5	656.7	657.6	237.3	212.2	262.5	1134.9	356.3	318.4	394.2
1995	1728.2	613.3	550.2	676.3	662.9	254.2	228.2	280.2	1065.3	359.0	322.0	396.1
1996	1571.7	581.6	526.7	636.4	630.7	250.7	227.1	274.3	941.0	330.9	299.7	362.1
1997	1445.7	536.5	486.3	586.8	594.3	237.9	215.6	260.3	851.4	298.6	270.7	326.6
1998	1355.0	496.1	439.9	552.3	564.7	223.0	197.8	248.2	790.3	273.1	242.1	304.0
1999	1308.0	488.0	434.6	541.5	550.8	221.1	196.9	245.2	757.1	267.0	237.7	296.2
2000	1296.5	519.0	467.9	570.0	548.5	234.9	211.7	258.0	748.0	284.1	256.2	312.0
2001	1283.4	526.9	467.2	586.6	540.8	236.0	209.2	262.8	742.6	290.9	258.0	323.8
2002	1251.3	526.1	471.0	581.1	521.9	231.8	207.5	256.1	729.5	294.3	263.5	325.0
2003	1217.0	521.0	464.1	578.0	502.8	226.2	201.4	250.9	714.2	294.9	262.7	327.1
2004	1209.6	526.0	475.3	576.7	488.2	222.8	201.3	244.3	721.3	303.2	274.0	332.4
2005	1218.2	537.9	471.4	604.5	480.4	221.5	194.1	249.0	737.8	316.4	277.3	355.5
2006	1215.2	545.9	488.6	603.1	469.6	219.5	196.4	242.6	745.6	326.4	292.2	360.6
2007	1169.1	537.6	488.7	586.5	451.4	214.8	195.3	234.4	717.7	322.8	293.5	352.1
2008	1067.0	490.7	449.0	532.4	419.7	199.9	182.9	216.9	647.3	290.8	266.1	315.5
2009	951.4	425.9	391.5	460.2	382.7	177.8	163.5	192.2	568.7	248.0	228.1	268.0
2010	857.3	387.2	349.6	424.8	350.2	164.2	148.2	180.2	507.2	223.0	201.3	244.6
2011	802.7	367.1	336.9	397.3	331.0	156.9	144.0	169.9	471.7	210.2	193.0	227.4
2012	762.6	364.9	331.8	398.1	317.5	156.9	142.6	171.2	445.1	208.0	189.1	226.8
2013	741.6	357.7	329.7	385.7	309.4	154.4	142.3	166.5	432.2	203.4	187.5	219.3
2014	729.9	351.7	318.7	384.7	304.0	150.8	136.6	165.0	425.8	200.9	182.1	219.8

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 36. Standardized mortality from alcohol-attributable disease and injury categories for Malta, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	41.5	24.0	18.2	29.7	596.6	25.1	17.7	32.6	1027.3	35.0	-10.4	80.4
1991	41.2	23.8	17.2	30.4	605.6	25.9	18.2	33.6	1002.6	33.7	-10.4	77.9
1992	40.2	23.2	17.7	28.8	620.0	26.6	19.0	34.3	979.7	32.6	-7.9	73.2
1993	40.0	23.0	16.5	29.5	631.8	27.4	19.6	35.3	961.0	31.8	-5.6	69.3
1994	40.2	23.2	17.3	29.1	648.7	28.1	19.9	36.2	943.2	31.3	-11.1	73.8
1995	39.9	23.0	16.6	29.5	664.7	28.7	20.4	37.1	932.4	30.9	-8.7	70.6
1996	40.7	23.2	17.1	29.4	673.1	28.5	20.3	36.7	930.7	30.3	-9.5	70.2
1997	40.8	23.1	16.0	30.2	679.3	28.0	19.1	36.8	933.8	30.1	-6.9	67.1
1998	41.9	23.6	16.9	30.2	685.8	28.2	19.9	36.5	935.5	30.0	-4.4	64.4
1999	43.0	23.8	17.7	30.0	699.2	28.2	20.2	36.2	944.9	29.7	-8.9	68.3
2000	43.1	23.4	17.0	29.8	707.7	27.1	18.8	35.4	954.5	29.6	-9.0	68.1
2001	43.9	23.1	16.1	30.2	724.0	26.8	18.2	35.4	961.0	29.0	-7.0	65.0
2002	44.5	24.1	16.6	31.6	735.9	27.5	19.0	36.0	969.7	29.8	-5.2	64.9
2003	44.2	24.2	16.0	32.4	747.2	29.1	20.0	38.2	979.9	30.3	-5.9	66.6
2004	43.9	24.2	16.6	31.9	758.6	29.9	20.4	39.4	987.4	30.8	-8.1	69.7
2005	43.5	25.0	18.2	31.7	770.7	31.6	21.8	41.4	989.9	32.2	-10.7	75.0
2006	43.4	25.0	17.6	32.5	784.4	34.0	23.7	44.3	987.4	32.4	-16.9	81.7
2007	43.3	25.5	17.8	33.3	800.1	34.8	23.2	46.5	976.8	32.7	-17.1	82.5
2008	43.2	24.8	18.3	31.3	813.0	34.4	23.1	45.8	963.7	31.7	-7.2	70.6
2009	41.5	23.9	17.2	30.6	823.7	35.2	24.0	46.5	952.5	31.6	-8.6	71.9
2010	41.0	23.4	16.8	30.1	833.2	35.6	24.1	47.2	950.2	31.3	-14.2	76.7
2011	40.9	23.6	17.4	29.8	838.7	35.9	24.2	47.7	964.3	31.9	-9.1	73.0
2012	41.1	23.9	17.6	30.2	849.9	36.8	25.0	48.6	986.8	32.9	-12.7	78.5
2013	41.4	24.6	18.7	30.5	861.0	38.7	27.2	50.3	1017.2	34.9	-15.2	84.9
2014	41.9	25.1	19.6	30.5	876.6	39.4	27.3	51.5	1037.9	36.0	-13.1	85.1

Web Appendix 36 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	193.1	59.4	53.6	65.2	49.4	17.9	16.2	19.7	143.8	41.5	37.4	45.5
1991	191.7	58.3	52.4	64.2	48.6	17.9	16.0	19.7	143.0	40.5	36.4	44.5
1992	189.3	57.3	51.5	63.2	52.1	18.8	16.8	20.7	137.2	38.6	34.7	42.5
1993	184.8	56.3	50.6	62.0	52.2	19.0	17.1	20.9	132.6	37.3	33.5	41.0
1994	182.2	55.9	50.9	60.9	52.7	19.4	17.6	21.1	129.6	36.6	33.3	39.8
1995	177.7	56.3	50.3	62.3	51.3	19.2	17.1	21.3	126.4	37.1	33.2	41.0
1996	175.8	55.8	50.1	61.5	50.9	18.8	16.9	20.8	124.9	37.0	33.2	40.7
1997	175.2	56.3	50.5	62.1	51.4	19.0	17.0	21.0	123.8	37.3	33.5	41.1
1998	177.2	57.2	52.4	61.9	54.5	20.0	18.3	21.7	122.7	37.2	34.1	40.3
1999	181.2	59.0	53.5	64.5	56.6	21.1	19.1	23.1	124.6	37.9	34.4	41.4
2000	182.5	58.2	52.8	63.6	57.8	21.0	19.1	23.0	124.7	37.1	33.7	40.6
2001	180.5	57.2	52.0	62.4	58.2	20.6	18.7	22.5	122.3	36.6	33.3	39.9
2002	175.5	55.9	50.5	61.3	55.3	19.8	17.9	21.7	120.3	36.1	32.6	39.6
2003	172.9	56.9	51.3	62.5	53.1	19.7	17.7	21.6	119.8	37.2	33.6	40.9
2004	169.3	55.9	51.6	60.3	52.4	19.3	17.8	20.9	117.0	36.6	33.7	39.4
2005	165.4	56.0	50.0	61.9	50.0	18.9	16.8	20.9	115.4	37.1	33.2	41.0
2006	164.2	58.9	53.3	64.4	48.9	19.7	17.8	21.6	115.3	39.2	35.6	42.9
2007	163.5	57.7	51.9	63.4	49.4	19.3	17.4	21.2	114.1	38.4	34.6	42.2
2008	162.6	56.5	50.6	62.4	49.9	19.1	17.1	21.2	112.7	37.4	33.5	41.2
2009	161.1	56.5	51.2	61.7	50.3	19.7	17.8	21.6	110.8	36.8	33.4	40.1
2010	157.9	56.9	52.2	61.6	49.9	20.1	18.5	21.8	108.0	36.8	33.7	39.8
2011	155.2	54.6	49.5	59.8	48.6	19.3	17.5	21.2	106.6	35.3	32.0	38.6
2012	155.5	55.4	50.3	60.4	49.1	19.4	17.6	21.2	106.4	35.9	32.7	39.2
2013	155.8	57.1	52.7	61.5	49.0	20.0	18.5	21.6	106.7	37.0	34.2	39.9
2014	156.6	57.4	52.6	62.2	49.2	20.0	18.3	21.8	107.4	37.3	34.3	40.4

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 37. Standardized mortality from alcohol-attributable disease and injury categories for Montenegro, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—	—	—	—	—	—
1993	—	—	—	—	—	—	—	—	—	—	—	—
1994	—	—	—	—	—	—	—	—	—	—	—	—
1995	—	—	—	—	—	—	—	—	—	—	—	—
1996	—	—	—	—	—	—	—	—	—	—	—	—
1997	—	—	—	—	—	—	—	—	—	—	—	—
1998	—	—	—	—	—	—	—	—	—	—	—	—
1999	—	—	—	—	—	—	—	—	—	—	—	—
2000	—	—	—	—	—	—	—	—	—	—	—	—
2001	—	—	—	—	—	—	—	—	—	—	—	—
2002	—	—	—	—	—	—	—	—	—	—	—	—
2003	—	—	—	—	—	—	—	—	—	—	—	—
2004	—	—	—	—	—	—	—	—	—	—	—	—
2005	—	—	—	—	—	—	—	—	—	—	—	—
2006	43.2	29.1	23.2	34.9	1126.6	50.0	35.4	64.7	2925.2	122.4	−31.2	276.0
2007	43.0	28.8	23.3	34.2	1118.7	48.3	35.3	61.3	2906.2	115.7	−33.1	264.6
2008	42.9	29.3	23.2	35.4	1114.1	50.9	34.3	67.4	2899.0	120.5	−41.1	282.1
2009	43.1	30.4	25.8	35.0	1107.8	52.6	38.7	66.4	2881.6	127.6	−46.1	301.2
2010	42.7	30.3	26.0	34.5	1107.1	53.7	39.5	67.9	2865.4	129.7	−30.8	290.2
2011	42.3	30.3	24.9	35.7	1103.5	54.4	39.5	69.4	2853.1	132.9	−29.4	295.2
2012	42.4	30.7	25.8	35.5	1104.8	56.0	42.1	69.9	2858.1	137.5	−22.9	297.9
2013	42.5	31.1	25.6	36.6	1107.9	57.6	42.0	73.3	2868.8	143.9	−24.0	311.8
2014	42.8	31.3	27.0	35.5	1121.1	57.8	42.2	73.4	2917.5	144.2	−30.5	318.9



Web Appendix 37 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—	—	—	—	—	—
1993	—	—	—	—	—	—	—	—	—	—	—	—
1994	—	—	—	—	—	—	—	—	—	—	—	—
1995	—	—	—	—	—	—	—	—	—	—	—	—
1996	—	—	—	—	—	—	—	—	—	—	—	—
1997	—	—	—	—	—	—	—	—	—	—	—	—
1998	—	—	—	—	—	—	—	—	—	—	—	—
1999	—	—	—	—	—	—	—	—	—	—	—	—
2000	—	—	—	—	—	—	—	—	—	—	—	—
2001	—	—	—	—	—	—	—	—	—	—	—	—
2002	—	—	—	—	—	—	—	—	—	—	—	—
2003	—	—	—	—	—	—	—	—	—	—	—	—
2004	—	—	—	—	—	—	—	—	—	—	—	—
2005	—	—	—	—	—	—	—	—	—	—	—	—
2006	441.9	97.1	80.9	113.4	205.8	48.5	40.3	56.8	236.1	48.6	40.6	56.6
2007	429.8	94.3	80.0	108.7	200.6	47.0	39.8	54.3	229.2	47.3	40.2	54.4
2008	424.3	98.1	79.4	116.9	197.7	49.0	39.4	58.5	226.7	49.2	40.0	58.4
2009	416.5	98.5	77.0	119.9	196.1	49.4	38.5	60.4	220.4	49.0	38.5	59.5
2010	404.5	96.9	79.0	114.8	191.8	49.0	39.8	58.3	212.7	47.9	39.1	56.6
2011	395.6	96.3	78.0	114.7	189.9	49.1	39.6	58.6	205.7	47.2	38.3	56.1
2012	394.9	98.0	82.5	113.5	189.2	49.9	41.9	57.9	205.7	48.1	40.6	55.7
2013	394.6	99.9	83.3	116.6	188.6	50.8	42.3	59.4	206.1	49.1	41.0	57.2
2014	395.8	100.6	85.7	115.5	189.4	51.1	43.4	58.8	206.3	49.4	42.2	56.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 38. Standardized mortality from alcohol-attributable disease and injury categories for the Netherlands, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	40.1	25.9	22.3	29.6	993.5	45.8	34.5	57.0	1089.4	1.4	-94.5	97.4
1991	40.7	26.3	21.5	31.1	1002.4	46.7	34.0	59.4	1083.9	1.7	-87.9	91.4
1992	41.8	27.0	22.7	31.3	1015.9	47.6	36.2	58.9	1087.1	1.7	-83.3	86.7
1993	42.9	27.6	22.6	32.5	1029.1	48.3	36.0	60.5	1091.8	1.7	-83.8	87.3
1994	43.5	27.9	23.3	32.5	1036.0	48.8	37.4	60.3	1084.4	1.8	-79.2	82.9
1995	44.0	28.3	24.0	32.7	1040.8	49.7	37.6	61.8	1074.8	2.2	-78.4	82.9
1996	44.6	28.9	24.4	33.4	1047.4	50.8	38.0	63.5	1061.4	3.3	-79.8	86.3
1997	45.4	29.5	24.7	34.3	1053.2	51.6	38.4	64.8	1047.4	3.6	-78.0	85.2
1998	46.5	30.3	25.6	35.1	1064.6	52.8	38.9	66.7	1039.3	4.3	-81.8	90.4
1999	48.2	31.4	26.1	36.7	1082.0	54.2	40.6	67.7	1034.0	4.8	-84.1	93.7
2000	49.7	32.4	27.6	37.3	1098.1	55.5	42.0	69.0	1025.9	5.3	-69.9	80.4
2001	50.5	32.8	27.2	38.4	1111.0	56.2	40.7	71.6	1007.0	5.3	-81.0	91.6
2002	51.1	33.0	27.8	38.1	1126.0	56.7	43.5	69.8	983.8	5.3	-66.9	77.4
2003	51.0	32.8	28.0	37.6	1136.1	57.0	42.0	72.1	953.8	5.1	-69.7	80.0
2004	49.8	32.0	26.7	37.3	1137.8	57.2	41.2	73.2	911.9	5.3	-61.1	71.8
2005	48.0	30.9	24.9	36.8	1131.7	57.3	41.8	72.7	867.8	5.6	-58.3	69.5
2006	46.7	30.0	24.7	35.3	1134.3	57.4	42.5	72.3	835.3	6.0	-57.2	69.2
2007	46.2	29.7	25.3	34.0	1147.7	58.1	43.8	72.4	818.0	6.1	-58.4	70.7
2008	46.1	29.3	24.6	34.1	1168.0	58.4	44.3	72.6	810.9	6.2	-57.2	69.5
2009	45.8	29.0	24.8	33.2	1186.0	58.9	45.1	72.7	808.3	6.0	-51.9	64.0
2010	45.5	28.5	23.6	33.5	1205.5	58.9	44.3	73.4	810.5	5.6	-58.9	70.1
2011	45.5	28.5	24.0	33.0	1226.8	59.8	45.5	74.1	822.6	5.7	-51.9	63.3
2012	46.3	28.7	23.6	33.9	1250.9	60.1	45.7	74.4	848.3	5.1	-53.3	63.6
2013	47.1	29.2	23.7	34.7	1276.3	61.0	44.5	77.6	874.9	5.0	-62.4	72.3
2014	47.8	29.9	24.5	35.3	1301.3	62.4	45.7	79.0	894.5	5.7	-56.2	67.7

Web Appendix 38 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	270.7	80.0	69.2	90.8	103.6	34.6	29.9	39.4	167.1	45.4	39.4	51.3
1991	267.2	79.8	70.4	89.2	103.8	35.0	30.9	39.1	163.4	44.8	39.5	50.1
1992	264.8	79.6	69.9	89.2	104.0	35.2	30.8	39.6	160.8	44.4	39.1	49.6
1993	262.7	78.6	69.9	87.4	104.1	35.0	31.0	39.0	158.7	43.6	38.8	48.4
1994	257.2	77.8	69.5	86.2	102.5	34.7	30.9	38.5	154.7	43.1	38.6	47.7
1995	253.0	77.4	69.1	85.7	101.1	34.5	30.7	38.2	151.8	42.9	38.4	47.4
1996	250.6	77.1	68.7	85.6	100.1	34.3	30.5	38.2	150.5	42.8	38.2	47.4
1997	246.1	77.2	68.9	85.5	99.1	34.5	30.7	38.2	147.0	42.7	38.2	47.3
1998	245.7	77.4	68.3	86.6	98.7	34.5	30.4	38.7	147.0	42.9	37.9	47.9
1999	247.7	78.7	70.6	86.8	99.3	35.0	31.4	38.7	148.4	43.6	39.2	48.1
2000	249.3	80.2	71.1	89.3	99.8	35.7	31.6	39.8	149.5	44.5	39.5	49.5
2001	249.3	80.1	71.3	88.9	99.8	35.7	31.6	39.7	149.5	44.4	39.7	49.2
2002	245.4	78.8	70.4	87.2	99.2	35.3	31.4	39.2	146.2	43.4	38.9	47.9
2003	240.5	76.9	68.2	85.5	97.9	34.7	30.6	38.7	142.6	42.2	37.6	46.8
2004	231.7	74.6	67.2	82.1	95.1	33.9	30.4	37.5	136.6	40.7	36.8	44.6
2005	224.1	72.6	65.7	79.5	92.2	33.2	30.0	36.5	131.9	39.4	35.7	43.0
2006	216.1	71.6	64.2	79.1	89.4	32.9	29.3	36.5	126.7	38.8	34.9	42.6
2007	212.4	71.4	63.8	79.1	88.1	32.8	29.1	36.4	124.3	38.7	34.6	42.7
2008	212.0	72.3	63.9	80.7	88.2	33.2	29.1	37.3	123.8	39.1	34.8	43.5
2009	212.3	71.0	64.2	77.8	88.7	32.8	29.6	36.0	123.6	38.2	34.6	41.8
2010	212.2	71.0	64.1	77.8	89.1	32.9	29.5	36.3	123.2	38.1	34.6	41.5
2011	212.7	71.2	64.3	78.1	89.4	33.0	29.6	36.4	123.3	38.2	34.7	41.7
2012	214.2	71.4	65.7	77.2	89.6	32.9	30.2	35.7	124.6	38.5	35.5	41.4
2013	216.0	71.4	63.7	79.1	90.0	32.8	29.0	36.5	126.0	38.6	34.7	42.6
2014	217.8	72.5	64.7	80.4	90.2	33.0	29.3	36.7	127.6	39.5	35.3	43.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 39. Standardized mortality from alcohol-attributable disease and injury categories for Norway, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	37.7	19.2	15.4	23.0	872.0	26.8	18.4	35.2	1593.8	-90.9	-293.1	111.3
1991	36.8	18.6	14.0	23.2	879.4	26.7	18.2	35.2	1555.2	-87.9	-263.1	87.3
1992	36.5	18.3	14.4	22.2	884.8	26.4	17.6	35.2	1520.1	-85.3	-254.9	84.3
1993	36.1	18.1	13.8	22.5	886.8	26.4	18.2	34.6	1478.2	-82.1	-256.2	92.1
1994	36.2	18.3	13.6	23.0	887.5	26.5	17.9	35.2	1439.6	-78.4	-240.8	84.0
1995	36.5	18.8	15.0	22.5	883.6	26.9	18.6	35.3	1412.9	-75.6	-240.1	88.8
1996	37.1	19.4	15.5	23.2	894.2	27.7	19.3	36.2	1376.3	-71.4	-228.0	85.1
1997	37.7	20.1	15.9	24.2	900.0	28.3	19.0	37.7	1347.7	-68.3	-229.3	92.8
1998	38.6	20.8	16.3	25.2	902.5	28.7	19.3	38.1	1321.7	-65.6	-229.1	97.8
1999	39.2	21.3	16.7	25.8	903.0	29.1	20.1	38.0	1288.4	-62.2	-226.3	102.0
2000	39.7	21.8	17.5	26.0	899.2	29.2	20.4	38.0	1248.9	-57.8	-201.6	86.1
2001	39.3	21.8	17.0	26.5	906.4	29.9	20.2	39.6	1197.4	-54.3	-185.2	76.7
2002	39.0	21.8	16.8	26.7	910.6	30.3	19.8	40.9	1145.0	-50.9	-170.3	68.6
2003	38.5	21.8	17.1	26.6	914.9	31.1	22.0	40.3	1097.1	-47.2	-190.9	96.5
2004	38.0	21.8	17.4	26.2	918.8	31.7	20.5	43.0	1050.8	-43.5	-182.5	95.5
2005	37.0	21.4	15.9	26.8	921.0	32.2	20.4	44.0	1006.7	-39.9	-152.4	72.5
2006	36.2	21.1	17.3	24.8	924.2	32.6	22.6	42.6	969.5	-36.4	-152.9	80.2
2007	36.1	21.2	17.1	25.3	931.6	33.3	21.8	44.7	940.3	-34.1	-123.7	55.4
2008	36.3	21.3	17.3	25.4	948.1	34.1	23.1	45.2	926.7	-32.3	-137.2	72.6
2009	36.7	21.5	18.0	25.1	970.8	35.1	24.2	46.1	921.9	-32.6	-134.8	69.7
2010	37.0	21.6	17.8	25.3	992.4	35.7	24.1	47.2	919.8	-31.9	-139.0	75.1
2011	36.6	21.1	15.9	26.4	1004.5	35.6	23.1	48.0	913.6	-31.6	-140.8	77.6
2012	36.1	20.6	16.2	24.9	1009.3	35.1	23.9	46.2	902.7	-31.8	-139.4	75.9
2013	35.8	20.2	16.4	23.9	1015.5	34.5	23.7	45.4	905.4	-32.3	-121.2	56.7
2014	36.4	20.3	15.8	24.7	1033.6	34.7	23.5	46.0	914.9	-32.8	-131.1	65.4

Web Appendix 39 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	352.7	67.0	56.3	77.7	129.9	26.8	22.3	31.2	222.8	40.2	34.0	46.5
1991	339.4	64.7	52.7	76.7	127.3	26.3	21.3	31.3	212.1	38.4	31.5	45.4
1992	326.8	62.3	50.5	74.0	123.5	25.5	20.6	30.4	203.2	36.8	30.0	43.7
1993	315.0	60.3	49.7	70.9	119.5	24.7	20.2	29.2	195.5	35.5	29.4	41.7
1994	306.0	59.6	50.1	69.2	116.0	24.4	20.4	28.5	189.9	35.2	29.8	40.7
1995	300.3	59.7	49.2	70.2	113.6	24.3	20.0	28.7	186.7	35.4	29.3	41.5
1996	296.1	60.6	51.3	69.9	111.0	24.5	20.6	28.3	185.1	36.1	30.6	41.6
1997	296.2	62.0	51.9	72.2	109.5	24.8	20.6	29.0	186.7	37.3	31.3	43.2
1998	297.5	62.2	51.4	73.0	109.3	24.7	20.3	29.1	188.3	37.6	31.2	43.9
1999	298.5	64.3	53.4	75.1	109.4	25.4	21.0	29.9	189.2	38.8	32.4	45.2
2000	296.5	67.7	55.4	80.0	108.5	26.6	21.7	31.6	188.0	41.0	33.7	48.4
2001	290.2	66.6	56.8	76.4	107.1	26.4	22.4	30.4	183.1	40.2	34.4	46.1
2002	284.1	66.2	54.9	77.4	105.1	26.2	21.6	30.9	178.9	39.9	33.3	46.6
2003	279.1	66.1	55.1	77.1	104.2	26.4	21.8	31.0	174.9	39.7	33.3	46.0
2004	272.6	67.0	58.7	75.4	102.6	27.0	23.7	30.3	170.1	40.0	35.0	45.0
2005	266.8	68.4	58.9	77.9	101.1	27.7	23.7	31.8	165.7	40.7	35.2	46.2
2006	262.4	70.7	61.8	79.5	100.1	28.8	25.0	32.6	162.4	41.9	36.8	46.9
2007	260.6	71.7	63.4	80.0	99.8	29.3	25.7	32.9	160.8	42.4	37.6	47.1
2008	262.8	74.4	65.7	83.1	101.3	30.6	26.9	34.4	161.5	43.8	38.9	48.8
2009	266.4	73.5	63.3	83.8	103.8	30.6	26.1	35.0	162.6	42.9	37.1	48.8
2010	267.4	75.2	65.5	85.0	105.3	31.5	27.2	35.8	162.1	43.7	38.2	49.2
2011	267.4	75.5	65.6	85.4	106.7	32.0	27.7	36.3	160.6	43.5	37.9	49.1
2012	263.8	73.6	63.7	83.6	105.3	31.3	26.9	35.6	158.5	42.4	36.8	48.0
2013	263.0	73.2	63.7	82.7	104.9	31.0	26.9	35.2	158.1	42.1	36.8	47.5
2014	266.2	73.5	62.9	84.2	106.5	31.2	26.3	36.0	159.7	42.4	36.5	48.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 40. Standardized mortality from alcohol-attributable disease and injury categories for Poland, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	76.5	54.0	44.3	63.8	1123.5	62.5	49.1	76.0	2363.0	59.3	-87.8	206.5
1991	82.2	57.9	49.8	66.0	1153.5	64.0	50.9	77.0	2439.7	58.1	-108.8	225.1
1992	83.7	59.1	50.3	68.0	1157.9	64.2	50.1	78.3	2397.9	57.8	-101.7	217.2
1993	83.7	59.1	51.0	67.1	1151.3	63.2	50.6	75.8	2307.8	54.5	-89.4	198.4
1994	87.9	62.0	52.0	71.9	1165.0	63.6	49.4	77.8	2288.0	53.5	-106.1	213.1
1995	94.6	66.6	56.7	76.5	1187.8	64.7	49.6	79.7	2298.6	52.8	-108.0	213.5
1996	99.7	70.5	61.7	79.4	1197.2	65.7	50.9	80.5	2261.2	53.4	-96.3	203.1
1997	108.1	76.9	67.0	86.8	1211.9	67.3	53.1	81.4	2227.3	53.9	-88.7	196.4
1998	117.5	84.1	72.3	95.9	1243.4	69.5	55.1	83.8	2185.3	54.6	-89.3	198.5
1999	125.2	89.7	76.3	103.1	1268.0	70.8	55.9	85.7	2132.6	53.8	-75.9	183.6
2000	125.2	89.1	78.4	99.9	1267.6	70.5	54.3	86.6	2035.9	42.8	-95.8	181.4
2001	125.0	88.9	74.7	103.1	1260.9	69.6	53.7	85.6	1949.7	41.3	-86.6	169.1
2002	126.5	90.4	79.1	101.7	1257.8	70.2	54.9	85.5	1886.1	33.4	-97.0	163.9
2003	129.9	94.6	83.7	105.5	1256.0	70.7	55.0	86.4	1851.1	46.9	-66.9	160.7
2004	136.8	100.9	88.1	113.8	1263.5	72.7	57.3	88.2	1849.3	50.3	-64.9	165.6
2005	143.6	107.2	92.8	121.7	1271.0	74.9	58.7	91.1	1859.7	53.8	-73.3	181.0
2006	151.2	114.2	98.3	130.1	1280.0	77.7	61.9	93.4	1871.6	57.3	-65.3	180.0
2007	157.2	120.1	106.3	133.8	1288.5	80.5	63.8	97.2	1878.9	61.5	-67.2	190.3
2008	158.4	121.1	106.3	135.9	1288.6	81.2	62.5	99.8	1862.4	61.3	-61.6	184.3
2009	154.2	117.6	102.6	132.6	1280.6	78.6	62.8	94.5	1821.7	67.2	-48.5	182.9
2010	148.0	112.6	99.7	125.5	1269.9	77.9	61.5	94.3	1775.4	64.4	-47.0	175.7
2011	142.9	108.8	98.0	119.5	1266.9	78.7	62.3	95.0	1753.8	63.7	-45.4	172.7
2012	139.4	106.7	96.0	117.5	1272.2	80.2	62.8	97.7	1765.3	65.6	-41.9	173.0
2013	137.7	105.4	93.4	117.4	1284.8	81.6	64.9	98.3	1794.2	65.7	-38.6	170.0
2014	138.4	106.2	96.3	116.2	1300.7	82.6	66.5	98.8	1827.3	68.2	-45.4	181.7

Web Appendix 40 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	586.7	189.0	166.8	211.3	175.1	61.7	54.3	69.1	411.7	127.3	112.5	142.2
1991	608.5	198.8	176.6	220.9	183.5	65.2	57.8	72.7	425.0	133.5	118.8	148.2
1992	596.9	194.8	173.2	216.5	184.2	65.4	58.0	72.8	412.7	129.5	115.2	143.7
1993	573.1	187.7	166.7	208.7	181.3	64.6	57.2	72.0	391.7	123.1	109.5	136.7
1994	582.5	188.7	167.6	209.8	185.2	65.8	58.3	73.3	397.3	122.9	109.3	136.5
1995	582.2	190.7	169.0	212.4	189.4	67.4	59.6	75.1	392.8	123.3	109.4	137.3
1996	575.4	189.8	169.7	210.0	190.6	68.1	60.8	75.4	384.8	121.7	108.9	134.6
1997	570.8	193.3	170.5	216.1	192.4	70.2	61.8	78.6	378.4	123.0	108.6	137.4
1998	572.7	194.8	176.3	213.4	194.7	71.4	64.5	78.2	378.0	123.5	111.8	135.2
1999	571.7	194.7	172.8	216.5	195.5	71.8	63.7	80.0	376.2	122.9	109.2	136.5
2000	549.9	187.6	169.1	206.0	190.7	70.1	63.1	77.1	359.2	117.5	106.0	128.9
2001	534.2	180.4	161.1	199.8	187.0	68.1	60.8	75.5	347.2	112.3	100.3	124.3
2002	522.5	178.6	159.8	197.3	184.4	67.8	60.5	75.0	338.0	110.8	99.3	122.3
2003	515.1	182.9	161.9	203.9	183.5	69.8	61.7	77.9	331.6	113.1	100.2	125.9
2004	517.3	187.1	163.9	210.3	185.3	71.5	62.5	80.5	332.0	115.6	101.4	129.8
2005	520.2	191.6	171.2	211.9	187.5	73.5	65.6	81.4	332.6	118.1	105.6	130.6
2006	519.9	197.5	177.9	217.1	188.3	75.8	68.3	83.4	331.6	121.7	109.6	133.7
2007	519.2	201.7	180.7	222.7	188.4	77.5	69.4	85.6	330.8	124.2	111.3	137.0
2008	509.0	200.3	178.9	221.6	186.7	77.9	69.6	86.3	322.2	122.4	109.4	135.4
2009	489.0	191.6	173.0	210.2	182.6	76.0	68.6	83.4	306.4	115.6	104.4	126.7
2010	467.0	184.3	166.1	202.4	177.1	74.2	66.8	81.5	289.9	110.1	99.3	120.9
2011	452.6	181.2	163.0	199.4	173.3	73.5	66.1	81.0	279.3	107.7	96.9	118.4
2012	444.5	178.7	162.8	194.7	170.7	72.7	66.3	79.2	273.8	106.0	96.5	115.5
2013	440.8	179.8	162.7	197.0	169.1	73.1	66.0	80.2	271.7	106.8	96.7	116.9
2014	439.7	177.5	161.7	193.4	168.4	72.1	65.6	78.6	271.3	105.4	96.0	114.8

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 41. Standardized mortality from alcohol-attributable disease and injury categories for Portugal, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	189.7	143.2	127.7	158.8	931.3	67.4	55.0	79.9	1389.4	89.7	-22.6	201.9
1991	191.2	144.9	129.0	160.8	951.9	69.6	57.6	81.6	1406.3	92.3	-29.8	214.4
1992	188.3	142.1	126.0	158.1	966.6	70.0	57.6	82.3	1402.5	90.4	-10.6	191.4
1993	179.8	135.2	121.7	148.7	970.4	69.7	56.7	82.6	1372.6	87.1	-23.7	197.9
1994	169.1	126.6	111.4	141.8	970.3	69.2	55.7	82.7	1335.0	83.3	-24.0	190.7
1995	164.5	122.3	109.5	135.2	980.7	69.0	57.0	81.1	1332.1	81.2	-29.2	191.6
1996	161.6	119.5	107.9	131.1	999.1	70.2	56.6	83.9	1334.2	79.4	-18.3	177.2
1997	155.7	114.5	100.5	128.5	1008.8	70.8	57.6	83.9	1316.4	78.1	-17.7	174.0
1998	149.7	110.3	96.6	124.1	1011.7	71.2	59.9	82.6	1291.5	78.4	-24.2	180.9
1999	145.1	106.7	96.0	117.4	1012.6	71.3	58.7	83.9	1262.9	76.1	-18.2	170.4
2000	142.9	105.4	93.7	117.0	1017.5	73.8	59.7	88.0	1239.2	74.0	-27.0	175.0
2001	142.1	104.3	90.4	118.2	1031.8	75.2	60.8	89.7	1220.2	71.1	-20.9	163.1
2002	140.5	104.5	93.3	115.7	1038.6	77.5	61.9	93.1	1189.8	73.2	-16.7	163.0
2003	137.3	102.9	93.3	112.4	1039.7	80.4	64.7	96.1	1145.7	72.2	-26.5	170.8
2004	133.7	100.9	92.4	109.3	1038.7	80.9	66.0	95.9	1092.0	71.5	-17.6	160.5
2005	131.9	99.0	89.9	108.2	1042.2	81.1	66.6	95.6	1051.6	68.0	-16.1	152.1
2006	128.8	96.4	87.5	105.3	1043.4	81.2	65.2	97.1	1016.7	65.4	-22.9	153.7
2007	125.2	92.7	82.9	102.6	1046.1	82.5	66.3	98.8	990.3	60.2	-29.1	149.4
2008	121.7	89.6	79.6	99.5	1053.5	82.3	66.0	98.6	973.8	58.3	-22.9	139.5
2009	119.4	87.7	75.7	99.7	1061.1	82.4	65.4	99.5	962.3	57.9	-24.5	140.4
2010	117.1	85.7	77.4	94.0	1065.4	82.5	66.3	98.6	952.0	56.8	-27.6	141.2
2011	115.3	84.2	75.2	93.3	1064.7	82.1	65.6	98.6	946.8	56.5	-30.4	143.3
2012	115.7	83.0	72.3	93.7	1065.6	79.7	64.2	95.3	957.9	53.4	-26.2	133.0
2013	116.4	82.4	72.8	91.9	1069.1	76.9	61.7	92.1	972.4	52.0	-37.4	141.3
2014	117.1	81.2	72.5	89.9	1078.7	74.6	59.0	90.2	988.3	49.5	-25.9	124.9



Web Appendix 41 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	656.7	179.0	152.5	205.5	169.6	52.1	44.4	59.7	487.2	126.9	108.1	145.8
1991	656.8	181.1	150.3	212.0	169.8	52.3	43.5	61.1	487.0	128.8	106.8	150.9
1992	642.0	177.3	144.5	210.1	167.2	51.3	41.8	60.8	474.8	126.0	102.7	149.3
1993	609.1	168.0	133.5	202.5	160.3	49.0	39.1	59.0	448.8	119.0	94.4	143.5
1994	574.1	158.4	134.4	182.3	153.5	46.9	39.8	54.0	420.6	111.5	94.6	128.3
1995	559.1	153.2	128.2	178.2	151.0	45.8	38.4	53.2	408.2	107.4	89.9	125.0
1996	545.4	147.8	120.7	175.0	148.8	44.6	36.4	52.7	396.5	103.3	84.3	122.3
1997	523.6	141.7	120.0	163.3	145.3	43.5	36.9	50.0	378.3	98.2	83.1	113.3
1998	499.3	135.4	110.9	159.9	139.8	42.0	34.4	49.5	359.6	93.4	76.5	110.4
1999	479.0	132.7	110.1	155.3	135.6	41.5	34.5	48.5	343.5	91.2	75.6	106.7
2000	467.3	127.1	107.2	147.0	133.7	40.1	33.9	46.4	333.6	87.0	73.4	100.6
2001	456.6	125.9	106.5	145.3	130.7	39.6	33.5	45.7	325.8	86.3	73.0	99.6
2002	439.3	122.3	100.8	143.9	126.0	38.5	31.7	45.3	313.3	83.8	69.1	98.6
2003	415.6	122.4	103.6	141.1	120.9	39.0	33.1	45.0	294.7	83.3	70.5	96.1
2004	389.9	113.6	97.6	129.6	115.9	37.1	31.8	42.4	274.0	76.5	65.7	87.2
2005	370.1	108.3	91.9	124.7	112.5	36.2	30.7	41.7	257.7	72.1	61.2	83.0
2006	351.5	102.6	88.6	116.6	111.1	35.8	30.8	40.7	240.3	66.8	57.7	75.9
2007	337.8	97.3	80.6	114.0	111.3	35.3	29.2	41.4	226.6	62.0	51.4	72.6
2008	329.6	94.2	79.1	109.3	112.0	35.3	29.6	41.0	217.6	58.9	49.5	68.3
2009	322.7	92.0	77.5	106.5	112.2	35.3	29.7	40.9	210.5	56.7	47.8	65.6
2010	315.8	90.5	75.0	106.0	112.0	35.4	29.3	41.5	203.8	55.1	45.7	64.5
2011	309.3	87.8	74.8	100.8	111.0	34.8	29.6	39.9	198.3	53.0	45.2	60.9
2012	305.6	86.0	73.0	99.1	110.2	34.2	29.0	39.4	195.4	51.8	44.0	59.7
2013	303.0	81.1	65.6	96.6	109.8	32.4	26.2	38.6	193.2	48.7	39.4	58.0
2014	301.4	79.6	67.6	91.5	109.2	31.7	26.9	36.5	192.2	47.9	40.7	55.0

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 42. Standardized mortality from alcohol-attributable disease and injury categories for the Republic of Moldova, 1990–2014  
(overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	583.0	325.0	277.5	372.5	1100.8	83.3	65.8	100.7	3527.9	772.3	428.4	1116.2
1993	605.5	352.1	273.7	430.6	1115.5	92.0	72.3	111.7	3678.0	884.5	534.5	1234.4
1994	658.6	401.9	349.3	454.4	1143.5	104.3	82.2	126.5	3924.1	1075.3	696.3	1454.3
1995	681.5	421.7	371.8	471.6	1141.5	108.8	86.0	131.7	4069.9	1142.7	794.0	1491.4
1996	641.0	396.9	344.3	449.5	1089.4	104.8	82.7	127.0	3960.0	1121.9	729.0	1514.9
1997	578.9	359.2	319.1	399.4	1007.1	97.8	77.7	117.9	3726.2	1063.5	741.3	1385.8
1998	539.1	331.8	285.3	378.3	952.7	92.4	73.4	111.4	3543.1	1003.4	683.6	1323.2
1999	540.1	325.7	279.5	371.9	930.2	88.9	72.2	105.5	3535.1	947.8	599.4	1296.1
2000	553.2	322.9	272.3	373.6	921.7	84.6	68.6	100.6	3564.6	856.6	534.8	1178.4
2001	554.4	321.0	268.6	373.4	911.3	82.8	65.7	100.0	3520.8	840.5	501.7	1179.3
2002	550.4	310.2	256.1	364.3	901.6	78.0	61.0	95.0	3474.1	775.8	479.2	1072.4
2003	555.9	319.5	278.3	360.6	903.8	81.4	65.3	97.6	3476.3	819.6	573.6	1065.6
2004	578.4	349.6	302.2	396.9	923.7	91.3	71.6	111.1	3546.2	957.1	619.7	1294.6
2005	610.1	365.8	316.4	415.1	951.1	93.7	73.8	113.7	3648.5	956.6	645.1	1268.1
2006	627.5	364.9	317.1	412.7	977.1	91.8	72.3	111.3	3716.0	894.4	540.8	1248.0
2007	627.4	364.1	319.8	408.5	989.2	93.1	70.9	115.2	3726.5	906.9	580.6	1233.2
2008	616.1	356.0	295.4	416.5	994.5	93.7	71.7	115.8	3692.6	888.0	548.0	1228.0
2009	601.3	340.6	288.0	393.3	994.9	92.1	72.2	111.9	3648.6	846.0	551.8	1140.2
2010	574.9	323.3	266.3	380.3	983.6	90.7	70.0	111.4	3562.7	819.7	520.4	1119.0
2011	531.4	303.1	251.3	354.9	962.5	91.3	71.3	111.3	3423.5	824.7	474.5	1175.0
2012	499.4	289.2	243.0	335.5	947.1	91.2	69.5	112.9	3320.9	852.1	593.7	1110.5
2013	480.7	276.4	242.7	310.0	937.4	88.8	68.7	109.0	3268.0	830.4	538.6	1122.3
2014	484.9	273.3	226.3	320.4	946.4	86.0	65.5	106.5	3299.3	810.3	514.7	1105.8

Web Appendix 42 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	1046.2	449.0	403.2	494.7	300.0	184.6	169.7	199.5	746.1	264.4	233.4	295.3
1993	1067.2	481.3	421.9	540.6	322.0	204.9	181.3	228.5	745.3	276.4	240.7	312.1
1994	1123.7	534.7	488.1	581.3	352.9	232.6	214.9	250.3	770.8	302.1	273.2	331.0
1995	1129.0	544.7	502.1	587.4	364.3	242.8	227.8	257.8	764.7	301.9	274.3	329.6
1996	1032.0	489.7	446.2	533.3	333.3	221.6	205.2	238.0	698.8	268.1	240.9	295.2
1997	904.2	420.8	385.3	456.2	288.7	191.4	176.5	206.3	615.5	229.4	208.9	249.9
1998	826.3	380.6	347.3	413.9	260.4	171.5	158.6	184.4	565.9	209.1	188.8	229.5
1999	781.2	361.1	331.8	390.5	248.1	162.2	151.3	173.0	533.0	199.0	180.5	217.5
2000	744.1	345.6	316.9	374.3	240.7	155.3	144.5	166.2	503.4	190.3	172.5	208.1
2001	706.6	336.0	304.7	367.3	232.7	149.9	139.1	160.8	473.9	186.1	165.6	206.6
2002	668.7	316.7	281.8	351.6	223.3	141.2	127.3	155.2	445.3	175.5	154.5	196.4
2003	657.5	324.0	295.9	352.1	220.6	142.3	131.1	153.4	436.9	181.7	164.8	198.6
2004	667.0	349.6	318.8	380.5	223.3	149.7	137.1	162.3	443.7	199.9	181.6	218.3
2005	684.3	361.1	325.4	396.8	229.6	153.7	143.0	164.4	454.7	207.4	182.4	232.4
2006	689.0	356.3	323.1	389.5	231.5	151.7	138.9	164.4	457.4	204.6	184.2	225.1
2007	681.6	353.5	321.1	386.0	229.5	150.2	138.2	162.2	452.1	203.4	182.9	223.8
2008	669.4	347.0	312.9	381.1	226.4	147.9	134.4	161.3	443.1	199.1	178.5	219.8
2009	656.1	335.8	301.7	369.9	222.0	143.2	130.2	156.2	434.2	192.6	171.5	213.7
2010	628.9	320.7	287.4	354.1	212.7	136.8	124.4	149.3	416.2	183.9	163.0	204.8
2011	585.4	301.7	271.9	331.5	198.0	128.7	118.3	139.0	387.4	173.0	153.5	192.5
2012	549.0	285.3	253.8	316.8	187.0	122.3	110.0	134.7	362.0	163.0	143.8	182.1
2013	523.7	270.8	244.3	297.3	180.1	117.2	107.7	126.7	343.6	153.6	136.7	170.6
2014	523.1	265.8	235.3	296.2	180.1	115.0	103.0	127.1	343.1	150.8	132.3	169.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 43. Standardized mortality from alcohol-attributable disease and injury categories for Romania, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	259.2	196.7	175.9	217.4	1038.8	68.9	55.3	82.4	2910.6	165.0	-32.5	362.5
1991	266.8	204.2	180.9	227.5	1045.2	70.5	57.2	83.9	2970.9	175.9	-43.7	395.5
1992	285.5	221.2	196.8	245.6	1070.3	75.9	62.3	89.4	3096.5	186.5	-44.4	417.4
1993	309.3	241.9	218.4	265.4	1100.1	81.2	67.1	95.2	3238.7	196.5	-53.2	446.3
1994	336.3	262.4	236.5	288.2	1134.3	83.2	68.4	98.1	3380.2	206.5	-33.7	446.7
1995	365.7	285.3	256.1	314.4	1167.5	87.0	71.5	102.5	3523.6	210.2	-50.4	470.7
1996	388.9	304.2	276.8	331.5	1193.5	90.5	71.9	109.0	3598.9	217.5	-58.7	493.7
1997	396.5	309.8	278.1	341.5	1201.7	92.2	74.7	109.7	3561.6	211.3	-82.9	505.4
1998	381.4	294.9	267.6	322.2	1191.4	89.2	70.9	107.5	3403.2	197.0	-44.1	438.1
1999	361.9	277.7	249.2	306.2	1179.3	87.0	68.7	105.2	3247.5	183.9	-47.9	415.7
2000	356.7	274.8	244.3	305.2	1187.8	90.1	72.3	108.0	3191.7	178.2	-51.6	407.9
2001	362.8	279.3	252.3	306.4	1209.0	92.7	75.3	110.1	3224.9	177.6	-52.1	407.3
2002	362.4	277.2	248.0	306.5	1222.4	93.4	75.4	111.3	3240.6	168.9	-56.7	394.5
2003	350.4	266.7	237.4	296.0	1219.0	92.7	74.1	111.3	3193.7	161.8	-65.0	388.5
2004	334.8	252.9	221.6	284.2	1208.7	92.3	73.7	110.8	3109.1	143.9	-79.2	367.1
2005	323.0	241.6	212.9	270.4	1202.7	89.8	72.1	107.4	3049.2	139.5	-61.7	340.6
2006	318.2	238.5	209.7	267.3	1200.6	91.8	72.9	110.7	2998.7	132.1	-61.6	325.9
2007	321.6	245.5	220.1	271.0	1207.2	98.3	79.7	116.9	2988.0	135.0	-74.3	344.2
2008	333.6	256.5	229.7	283.4	1226.5	103.1	81.4	124.7	3020.7	135.5	-83.7	354.7
2009	339.6	258.2	228.9	287.5	1234.7	101.2	79.6	122.8	3025.9	129.5	-88.6	347.5
2010	326.5	243.6	215.9	271.4	1211.8	95.1	74.3	115.9	2932.5	115.3	-87.9	318.4
2011	296.6	220.3	190.1	250.6	1164.2	90.7	70.9	110.5	2765.5	104.9	-64.1	273.9
2012	270.2	201.6	176.7	226.5	1118.3	87.5	67.2	107.9	2625.5	99.9	-69.1	269.0
2013	253.2	189.8	162.5	217.1	1089.7	86.0	65.9	106.1	2541.3	98.0	-87.4	283.4
2014	254.0	190.6	163.8	217.5	1093.3	86.5	67.4	105.6	2568.8	97.9	-90.5	286.2

Web Appendix 43 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	776.0	275.6	250.5	300.7	152.3	65.2	59.2	71.3	623.7	210.4	191.3	229.5
1991	732.5	271.8	245.8	297.8	152.5	65.3	59.0	71.6	580.1	206.5	186.8	226.2
1992	745.2	286.9	257.0	316.8	158.3	70.0	62.7	77.3	586.8	217.0	194.4	239.5
1993	759.2	301.7	276.6	326.7	163.4	74.3	68.0	80.5	595.8	227.4	208.6	246.1
1994	779.9	302.6	275.7	329.6	168.6	74.9	68.2	81.6	611.3	227.7	207.5	248.0
1995	773.0	309.5	278.9	340.1	172.1	77.2	69.5	85.0	600.8	232.2	209.3	255.2
1996	779.9	308.9	283.2	334.6	175.4	78.7	72.0	85.3	604.5	230.2	211.1	249.3
1997	756.5	298.4	274.2	322.6	174.6	78.4	72.0	84.9	582.0	220.0	202.2	237.7
1998	706.2	268.3	242.2	294.4	168.7	73.7	66.4	80.9	537.4	194.7	175.8	213.5
1999	656.2	244.4	219.0	269.8	163.3	69.9	62.6	77.3	492.9	174.5	156.4	192.6
2000	640.9	242.6	215.2	270.0	162.1	70.7	62.6	78.7	478.8	171.9	152.5	191.3
2001	636.4	243.6	219.3	268.0	163.1	71.0	63.9	78.2	473.3	172.6	155.4	189.8
2002	622.4	241.2	220.2	262.2	161.8	70.4	64.2	76.6	460.6	170.8	156.0	185.6
2003	601.3	232.2	209.6	254.9	156.9	67.7	61.1	74.4	444.4	164.5	148.6	180.5
2004	578.6	225.8	205.3	246.3	149.6	65.5	59.5	71.5	429.0	160.3	145.8	174.8
2005	550.6	210.6	187.4	233.8	142.7	60.8	54.1	67.6	407.9	149.8	133.3	166.2
2006	529.4	207.1	184.4	229.8	137.3	59.7	53.0	66.4	392.1	147.4	131.4	163.4
2007	512.1	212.2	194.0	230.4	134.3	61.1	55.8	66.4	377.8	151.1	138.2	164.1
2008	513.5	219.4	201.7	237.1	135.5	63.2	58.0	68.4	378.0	156.2	143.7	168.8
2009	505.8	211.2	193.4	229.0	136.0	61.8	56.5	67.1	369.8	149.5	136.9	162.0
2010	478.9	194.5	176.7	212.3	132.0	58.4	53.0	63.8	347.0	136.1	123.7	148.6
2011	437.3	177.4	160.4	194.3	123.8	54.8	49.6	60.1	313.5	122.5	110.9	134.1
2012	406.1	164.2	149.1	179.3	116.5	52.0	47.2	56.9	289.6	112.1	101.9	122.4
2013	388.1	156.3	142.2	170.4	112.0	50.4	45.8	55.0	276.1	105.9	96.4	115.4
2014	384.2	156.3	143.0	169.6	111.0	50.3	46.0	54.6	273.2	106.0	97.1	115.0

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 44. Standardized mortality from alcohol-attributable disease and injury categories for the Russian Federation, 1990–2014**  
(overall age-standardized rate and rate of alcohol-attributable causes of death per million)

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	69.4	33.2	26.1	40.3	1196.3	67.4	52.5	82.3	2916.8	514.3	249.0	779.7
1991	73.8	36.1	28.5	43.7	1213.0	71.4	57.6	85.2	3002.1	552.4	295.6	809.1
1992	89.9	44.0	35.2	52.8	1306.5	77.6	62.0	93.2	3404.9	608.6	353.5	863.7
1993	123.4	61.3	50.4	72.3	1467.5	90.4	71.7	109.2	4182.8	790.9	438.7	1143.1
1994	153.2	78.7	63.9	93.6	1554.5	100.8	79.6	122.1	4710.7	922.3	566.3	1278.3
1995	155.8	80.5	69.1	92.0	1496.2	98.7	80.4	117.0	4579.5	901.1	529.6	1272.6
1996	141.2	73.4	59.5	87.3	1396.7	92.1	72.5	111.7	4174.9	817.2	450.6	1183.8
1997	127.7	66.1	56.2	76.0	1313.7	85.4	67.1	103.7	3859.7	738.9	427.5	1050.4
1998	129.3	67.9	57.6	78.3	1298.5	86.2	67.1	105.3	3883.3	759.3	422.8	1095.7
1999	151.5	80.5	67.5	93.5	1356.5	92.4	72.9	111.9	4312.6	868.0	522.7	1213.4
2000	174.1	93.1	77.0	109.2	1390.0	95.5	75.8	115.2	4645.7	933.4	573.0	1293.7
2001	191.2	103.1	84.4	121.7	1387.3	95.4	77.1	113.8	4777.3	963.5	576.0	1351.0
2002	213.6	116.0	99.7	132.3	1389.1	95.3	76.2	114.4	4925.4	988.7	583.8	1393.7
2003	236.8	129.6	108.6	150.5	1386.3	95.6	78.5	112.7	5018.5	1011.1	624.4	1397.9
2004	253.4	138.7	117.9	159.4	1365.2	93.3	75.4	111.2	4975.1	989.7	586.5	1393.0
2005	280.1	153.3	130.4	176.2	1374.1	94.2	76.3	112.1	5092.6	1010.8	575.4	1446.2
2006	266.2	148.2	127.6	168.8	1310.5	92.6	74.8	110.4	4703.1	986.6	597.5	1375.8
2007	255.4	141.3	118.6	163.9	1266.9	88.2	69.5	106.9	4412.3	893.0	541.1	1244.9
2008	260.2	142.9	124.0	161.8	1262.2	87.1	69.7	104.6	4359.2	866.3	511.3	1221.2
2009	252.8	138.6	116.6	160.7	1239.1	85.8	67.2	104.3	4182.0	836.5	514.9	1158.1
2010	253.4	138.1	116.0	160.1	1236.5	85.4	69.3	101.6	4121.8	821.8	486.9	1156.8
2011	242.3	131.9	113.4	150.4	1222.0	85.1	66.5	103.7	3968.0	793.1	473.5	1112.7
2012	222.9	120.7	101.8	139.6	1196.6	82.8	62.9	102.7	3749.3	743.0	431.2	1054.8
2013	203.3	108.9	93.4	124.4	1180.3	80.3	64.7	95.9	3585.6	688.0	390.0	986.0
2014	203.7	108.1	88.8	127.3	1177.5	78.7	63.0	94.4	3571.0	674.9	382.6	967.2

Web Appendix 44 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	1118.4	506.2	453.0	559.5	377.9	220.9	199.6	242.3	740.5	285.3	253.4	317.2
1991	1172.0	549.0	492.8	605.2	416.0	248.2	225.2	271.2	756.0	300.8	267.6	334.0
1992	1359.9	655.2	587.4	722.9	510.6	306.8	280.0	333.5	849.3	348.4	307.4	389.4
1993	1709.7	865.4	776.6	954.2	671.8	411.0	376.9	445.2	1037.9	454.4	399.7	509.0
1994	1954.6	1031.5	941.0	1121.9	796.1	499.2	465.8	532.6	1158.5	532.3	475.2	589.4
1995	1887.7	1003.7	917.7	1089.7	792.9	498.0	465.6	530.4	1094.8	505.7	452.0	559.4
1996	1660.8	882.7	809.5	955.9	719.2	450.6	417.2	483.9	941.6	432.1	392.2	472.1
1997	1470.7	774.1	708.1	840.1	649.3	403.3	373.9	432.6	821.4	370.8	334.2	407.5
1998	1433.9	763.4	692.6	834.2	638.9	399.6	368.9	430.2	795.0	363.8	323.7	403.9
1999	1584.4	857.1	790.0	924.2	709.0	447.2	418.1	476.4	875.4	409.8	371.9	447.8
2000	1679.3	916.5	838.9	994.0	753.6	476.3	443.4	509.2	925.6	440.2	395.5	484.9
2001	1699.9	933.7	849.7	1017.7	762.0	483.0	444.3	521.6	937.9	450.7	405.4	496.1
2002	1712.9	946.4	861.5	1031.4	765.7	486.4	452.0	520.9	947.2	460.0	409.5	510.5
2003	1714.3	953.8	862.7	1044.8	758.6	484.1	444.7	523.6	955.7	469.6	418.0	521.3
2004	1650.6	914.2	838.5	989.8	722.2	459.2	425.4	492.9	928.4	455.0	413.1	497.0
2005	1646.9	910.7	833.0	988.3	707.6	449.5	416.4	482.6	939.4	461.2	416.6	505.7
2006	1462.7	821.5	750.6	892.4	623.0	401.5	372.9	430.2	839.6	420.0	377.7	462.2
2007	1326.7	736.7	673.9	799.6	561.8	359.8	333.4	386.3	764.9	376.9	340.5	413.4
2008	1268.2	696.7	635.5	757.9	535.3	339.9	315.5	364.3	732.9	356.8	319.9	393.6
2009	1176.8	643.0	585.2	700.8	497.8	315.0	290.4	339.6	679.0	328.0	294.8	361.2
2010	1133.0	614.0	555.2	672.8	478.1	300.6	277.6	323.6	654.9	313.4	277.6	349.1
2011	1068.3	576.6	527.1	626.0	452.3	283.9	261.4	306.4	616.0	292.7	265.7	319.7
2012	984.9	524.2	477.6	570.8	421.2	262.0	243.0	281.0	563.7	262.2	234.6	289.8
2013	927.5	488.2	445.8	530.6	400.9	247.5	228.2	266.8	526.7	240.7	217.7	263.8
2014	921.5	478.8	434.9	522.7	397.6	242.9	223.5	262.4	523.9	235.8	211.4	260.3

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 45. Standardized mortality from alcohol-attributable disease and injury categories for Serbia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—	—	—	—	—	—
1993	—	—	—	—	—	—	—	—	—	—	—	—
1994	—	—	—	—	—	—	—	—	—	—	—	—
1995	—	—	—	—	—	—	—	—	—	—	—	—
1996	—	—	—	—	—	—	—	—	—	—	—	—
1997	—	—	—	—	—	—	—	—	—	—	—	—
1998	—	—	—	—	—	—	—	—	—	—	—	—
1999	—	—	—	—	—	—	—	—	—	—	—	—
2000	—	—	—	—	—	—	—	—	—	—	—	—
2001	—	—	—	—	—	—	—	—	—	—	—	—
2002	—	—	—	—	—	—	—	—	—	—	—	—
2003	—	—	—	—	—	—	—	—	—	—	—	—
2004	—	—	—	—	—	—	—	—	—	—	—	—
2005	—	—	—	—	—	—	—	—	—	—	—	—
2006	72.7	53.2	45.2	61.2	1187.7	75.7	58.0	93.4	2299.2	76.7	−96.1	249.4
2007	72.0	51.9	44.2	59.5	1187.1	73.5	55.2	91.9	2263.4	65.4	−109.7	240.5
2008	71.0	51.3	45.0	57.6	1187.1	73.9	56.8	91.1	2228.9	64.0	−85.0	213.0
2009	68.7	49.8	43.1	56.6	1182.2	74.2	58.7	89.8	2182.8	64.2	−100.9	229.3
2010	65.8	49.7	43.3	56.1	1168.3	79.1	60.5	97.8	2126.5	80.5	−67.7	228.8
2011	62.6	46.1	38.2	54.1	1152.6	74.6	54.7	94.6	2076.2	67.6	−84.5	219.6
2012	60.5	44.5	39.4	49.6	1144.4	74.0	58.0	90.0	2051.8	66.4	−74.2	206.9
2013	59.3	43.7	38.0	49.3	1137.8	73.7	56.0	91.5	2053.0	66.9	−90.6	224.4
2014	59.3	43.6	37.4	49.9	1141.5	73.8	56.4	91.1	2081.4	67.6	−83.4	218.5



Web Appendix 45 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—	—	—	—	—	—
1993	—	—	—	—	—	—	—	—	—	—	—	—
1994	—	—	—	—	—	—	—	—	—	—	—	—
1995	—	—	—	—	—	—	—	—	—	—	—	—
1996	—	—	—	—	—	—	—	—	—	—	—	—
1997	—	—	—	—	—	—	—	—	—	—	—	—
1998	—	—	—	—	—	—	—	—	—	—	—	—
1999	—	—	—	—	—	—	—	—	—	—	—	—
2000	—	—	—	—	—	—	—	—	—	—	—	—
2001	—	—	—	—	—	—	—	—	—	—	—	—
2002	—	—	—	—	—	—	—	—	—	—	—	—
2003	—	—	—	—	—	—	—	—	—	—	—	—
2004	—	—	—	—	—	—	—	—	—	—	—	—
2005	—	—	—	—	—	—	—	—	—	—	—	—
2006	393.9	59.6	41.6	77.6	174.1	28.7	20.0	37.4	219.7	31.0	21.6	40.3
2007	383.0	57.2	44.1	70.4	168.2	27.3	21.0	33.6	214.7	29.9	23.1	36.8
2008	373.6	56.4	41.6	71.2	162.7	26.7	19.6	33.8	210.9	29.7	22.0	37.4
2009	364.9	55.3	36.7	74.0	158.5	26.2	17.3	35.1	206.3	29.1	19.4	38.9
2010	350.4	56.9	37.6	76.2	152.2	26.9	17.8	36.1	198.2	29.9	19.8	40.1
2011	338.2	53.2	37.2	69.1	148.0	25.4	17.7	33.1	190.2	27.8	19.5	36.1
2012	329.1	51.9	37.4	66.4	145.2	25.0	18.0	32.0	183.9	26.9	19.4	34.3
2013	323.1	51.0	36.6	65.4	143.3	24.8	17.7	31.8	179.8	26.3	18.9	33.6
2014	322.2	50.8	35.9	65.6	142.9	24.6	17.4	31.8	179.3	26.1	18.5	33.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 46. Standardized mortality from alcohol-attributable disease and injury categories for Slovakia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—	—	—	—	—	—
1993	177.8	138.7	125.0	152.3	1214.1	110.7	92.1	129.3	2439.7	71.3	-133.5	276.1
1994	166.8	130.1	115.2	144.9	1204.9	111.0	90.0	132.1	2395.6	67.2	-138.7	273.1
1995	161.8	126.5	113.1	139.9	1204.4	112.5	92.4	132.6	2383.1	66.4	-133.1	265.9
1996	161.4	126.3	113.7	138.8	1218.6	115.4	96.4	134.3	2396.9	65.6	-134.4	265.5
1997	169.1	132.2	120.0	144.4	1244.6	118.7	97.5	139.9	2444.2	64.9	-139.3	269.0
1998	178.1	138.9	122.3	155.4	1263.0	120.3	97.4	143.2	2465.1	63.1	-117.4	243.6
1999	182.2	140.9	125.8	155.9	1262.7	118.7	95.9	141.6	2450.3	57.6	-127.7	242.9
2000	182.6	140.2	124.0	156.4	1254.6	116.3	94.5	138.0	2411.5	53.5	-114.2	221.2
2001	184.5	140.8	124.2	157.5	1248.6	115.1	93.6	136.5	2385.6	49.9	-131.1	230.8
2002	188.1	142.7	126.6	158.8	1248.8	113.9	91.0	136.7	2369.2	46.9	-142.4	236.1
2003	189.6	143.2	124.9	161.5	1247.3	112.7	90.1	135.3	2350.5	45.4	-125.5	216.4
2004	190.4	144.0	128.1	159.8	1246.3	112.8	89.3	136.3	2339.0	45.3	-118.1	208.7
2005	194.4	147.5	131.5	163.4	1251.5	114.4	91.3	137.5	2347.5	46.7	-124.1	217.4
2006	201.1	153.1	140.0	166.1	1260.3	115.8	93.8	137.7	2365.1	48.4	-142.0	238.7
2007	206.8	158.0	139.5	176.4	1269.9	117.7	94.5	140.9	2375.4	50.2	-131.5	232.0
2008	207.9	159.0	141.7	176.4	1273.7	118.3	96.0	140.7	2354.5	51.3	-140.4	242.9
2009	203.1	154.7	137.4	172.0	1269.8	116.1	93.3	139.0	2316.4	48.4	-123.7	220.5
2010	195.9	148.0	132.3	163.7	1263.0	113.2	90.0	136.5	2269.0	44.2	-120.9	209.4
2011	188.6	141.9	127.1	156.7	1261.4	112.3	88.5	136.1	2248.0	41.6	-129.1	212.4
2012	184.7	138.5	120.5	156.5	1270.0	112.2	88.5	135.8	2245.8	40.0	-131.3	211.2
2013	183.0	137.4	120.1	154.7	1285.3	113.7	91.0	136.4	2262.5	40.2	-113.1	193.6
2014	185.2	140.0	123.2	156.8	1308.4	116.3	94.3	138.2	2304.4	43.1	-143.7	230.0

Web Appendix 46 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	—	—	—	—	—	—	—	—	—	—	—	—
1993	536.3	189.5	166.6	212.4	150.2	58.8	51.6	66.0	386.1	130.8	115.1	146.5
1994	519.8	187.0	167.5	206.5	146.0	58.4	52.2	64.6	373.7	128.6	115.3	141.9
1995	508.7	183.1	166.3	199.8	144.5	57.6	52.3	63.0	364.2	125.4	114.0	136.8
1996	501.9	183.5	160.0	207.0	144.5	58.3	50.8	65.8	357.5	125.2	109.3	141.1
1997	500.8	186.9	166.4	207.4	147.4	60.0	53.3	66.7	353.5	126.9	113.1	140.7
1998	502.6	184.8	163.7	206.0	150.4	60.3	53.3	67.3	352.2	124.5	110.4	138.7
1999	487.5	179.9	163.4	196.4	151.4	60.6	55.0	66.2	336.1	119.3	108.4	130.2
2000	474.4	171.7	154.0	189.4	150.9	59.2	53.1	65.4	323.5	112.5	101.0	124.0
2001	452.7	166.4	147.9	185.0	149.4	58.8	52.1	65.4	303.3	107.7	95.8	119.6
2002	447.8	163.9	147.9	179.9	149.6	58.9	53.1	64.6	298.2	105.0	94.8	115.2
2003	442.0	158.3	140.7	175.9	149.0	57.7	51.2	64.2	292.9	100.7	89.5	111.8
2004	426.3	154.6	137.5	171.8	146.3	57.1	50.7	63.5	280.0	97.6	86.8	108.3
2005	416.8	154.6	137.2	172.0	145.6	58.1	51.5	64.8	271.1	96.5	85.7	107.2
2006	402.9	150.5	135.2	165.9	144.9	58.0	52.0	64.0	258.0	92.5	83.2	101.9
2007	398.8	152.4	136.5	168.3	143.9	58.7	52.5	64.9	254.9	93.7	84.0	103.4
2008	398.3	156.5	142.1	170.8	141.8	59.3	53.8	64.8	256.5	97.1	88.3	106.0
2009	389.9	149.7	135.1	164.2	138.1	56.8	51.2	62.4	251.8	92.9	84.0	101.9
2010	374.7	142.9	127.4	158.4	132.9	54.3	48.4	60.2	241.8	88.6	79.1	98.2
2011	363.1	139.3	124.7	153.9	130.4	53.4	47.7	59.1	232.7	85.9	77.0	94.8
2012	359.1	137.2	123.3	151.1	129.3	52.9	47.5	58.3	229.8	84.3	75.9	92.8
2013	358.1	136.5	123.1	149.9	129.0	52.7	47.5	58.0	229.1	83.8	75.6	91.9
2014	358.9	139.2	127.2	151.3	129.2	53.7	49.0	58.4	229.7	85.6	78.2	92.9

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 47. Standardized mortality from alcohol-attributable disease and injury categories for Slovenia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	232.2	183.2	164.1	202.2	1028.2	88.0	71.1	105.0	1493.2	68.4	-52.7	189.5
1992	233.0	184.0	166.0	202.1	1056.9	90.8	73.9	107.6	1503.8	67.6	-51.3	186.4
1993	235.4	186.0	170.1	201.9	1079.4	92.7	75.7	109.8	1508.0	66.0	-46.0	178.0
1994	231.5	182.5	162.6	202.3	1088.7	92.6	73.7	111.4	1491.3	63.3	-50.8	177.4
1995	224.0	174.6	154.7	194.4	1081.3	89.6	72.9	106.3	1449.7	56.9	-54.3	168.1
1996	216.5	166.6	148.2	185.0	1087.7	87.3	69.9	104.6	1406.0	51.2	-50.1	152.5
1997	213.4	159.2	138.9	179.5	1096.2	82.1	65.8	98.5	1373.7	41.4	-52.4	135.2
1998	214.8	154.7	135.0	174.5	1102.1	76.4	61.0	91.8	1354.7	35.1	-58.7	128.9
1999	218.1	157.7	138.3	177.1	1110.4	76.9	60.5	93.4	1339.2	35.9	-52.6	124.4
2000	221.2	162.8	144.0	181.7	1111.8	80.3	62.5	98.0	1325.2	37.5	-58.4	133.3
2001	222.6	165.3	140.8	189.9	1133.0	82.7	64.7	100.8	1317.0	39.6	-55.5	134.6
2002	220.6	163.4	143.5	183.3	1149.9	82.6	65.2	100.0	1302.8	38.7	-51.2	128.6
2003	217.0	159.3	140.7	178.0	1163.8	82.2	64.2	100.3	1294.1	35.2	-50.0	120.5
2004	209.4	155.6	136.0	175.2	1172.2	83.7	66.3	101.0	1278.9	37.2	-49.6	123.9
2005	201.7	150.5	129.0	172.0	1173.3	84.4	66.0	102.8	1259.2	36.7	-51.8	125.2
2006	198.9	149.6	131.5	167.7	1177.9	86.2	68.3	104.1	1245.4	37.0	-49.9	123.8
2007	194.9	146.6	129.4	163.9	1175.8	85.7	68.1	103.3	1222.0	35.1	-50.4	120.6
2008	186.7	138.6	121.3	155.9	1168.0	83.1	64.2	101.9	1190.0	30.0	-58.2	118.3
2009	176.4	130.2	113.5	147.0	1153.0	80.5	63.6	97.4	1158.4	27.0	-52.4	106.5
2010	165.3	121.7	107.0	136.5	1136.0	78.4	61.3	95.6	1126.9	25.0	-52.9	102.9
2011	156.5	115.5	100.0	130.9	1123.6	77.8	60.7	94.9	1118.1	24.8	-56.8	106.4
2012	153.9	112.6	100.4	124.8	1130.6	77.3	60.8	93.8	1137.7	23.4	-54.3	101.2
2013	153.7	112.2	101.0	123.4	1144.5	77.5	61.7	93.4	1169.6	23.9	-55.1	103.0
2014	155.7	113.5	98.1	128.9	1165.6	77.6	61.3	93.9	1200.1	23.8	-54.7	102.3

Web Appendix 47 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	694.5	255.6	224.6	286.6	271.5	108.1	94.6	121.6	422.9	147.5	130.0	165.0
1992	693.4	257.2	228.5	286.0	271.1	108.8	96.3	121.2	422.3	148.5	132.3	164.7
1993	678.1	256.9	229.1	284.6	268.3	109.2	97.1	121.3	409.8	147.7	132.0	163.3
1994	658.5	244.4	218.4	270.5	264.3	105.8	94.3	117.3	394.3	138.6	124.1	153.2
1995	627.8	232.5	207.4	257.6	259.2	103.0	91.6	114.4	368.5	129.5	115.7	143.2
1996	607.1	219.2	193.7	244.7	257.0	99.5	87.7	111.3	350.1	119.7	106.1	133.3
1997	597.6	209.4	184.7	234.1	257.4	96.8	85.2	108.5	340.2	112.6	99.6	125.7
1998	589.6	192.5	175.5	209.4	257.1	90.2	82.1	98.3	332.5	102.2	93.4	111.1
1999	575.2	188.4	168.8	208.0	254.3	89.3	79.8	98.8	320.9	99.1	89.0	109.2
2000	566.7	204.7	185.5	223.8	252.0	97.1	87.8	106.4	314.7	107.6	97.7	117.4
2001	553.5	198.3	173.4	223.1	246.7	94.0	81.9	106.1	306.8	104.3	91.4	117.1
2002	545.4	190.3	169.8	210.8	242.3	90.1	80.2	100.0	303.1	100.2	89.6	110.7
2003	537.8	195.6	177.0	214.3	237.2	92.0	83.0	101.0	300.6	103.6	94.0	113.3
2004	525.5	186.6	167.7	205.6	229.7	87.3	78.2	96.5	295.7	99.3	89.5	109.1
2005	516.2	188.1	169.2	207.0	222.1	87.0	78.1	95.9	294.1	101.1	91.1	111.1
2006	500.0	189.6	169.1	210.0	212.6	86.6	77.1	96.2	287.4	102.9	92.0	113.9
2007	483.3	180.3	160.6	200.1	201.9	81.1	72.1	90.2	281.3	99.2	88.5	109.9
2008	461.2	172.1	154.2	189.9	190.6	76.7	68.6	84.8	270.6	95.4	85.6	105.1
2009	443.1	160.7	144.2	177.2	182.4	71.8	64.3	79.3	260.7	88.9	80.0	97.8
2010	427.2	152.9	138.3	167.5	174.9	68.4	61.7	75.1	252.3	84.5	76.6	92.5
2011	418.0	150.1	133.9	166.3	171.2	67.4	60.0	74.8	246.8	82.7	73.9	91.5
2012	411.7	147.6	132.4	162.9	168.6	66.5	59.5	73.4	243.1	81.2	73.0	89.4
2013	409.1	142.3	128.3	156.4	167.8	64.5	58.0	70.9	241.4	77.9	70.3	85.5
2014	410.7	145.1	130.6	159.6	167.7	65.3	58.6	71.9	243.1	79.8	72.0	87.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 48. Standardized mortality from alcohol-attributable disease and injury categories for Spain, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	125.2	90.9	79.0	102.8	834.3	62.9	51.7	74.1	919.1	43.5	-18.8	105.9
1991	122.1	87.9	77.2	98.5	844.9	63.2	51.3	75.1	912.0	42.4	-15.7	100.5
1992	117.1	83.4	73.5	93.3	851.4	62.4	50.4	74.4	897.2	40.7	-14.2	95.7
1993	112.0	78.7	67.7	89.8	859.1	61.4	49.8	73.0	886.6	39.0	-13.6	91.7
1994	109.0	75.8	64.5	87.1	872.6	62.0	50.4	73.7	889.6	35.2	-17.1	87.5
1995	107.6	74.1	63.7	84.5	887.9	62.4	48.9	75.8	904.1	35.1	-16.5	86.8
1996	103.8	71.6	61.2	82.0	895.7	62.9	50.2	75.5	892.1	35.2	-19.9	90.2
1997	97.2	67.2	56.3	78.0	885.9	62.3	49.9	74.7	861.8	34.4	-17.0	85.9
1998	93.3	64.6	56.3	72.9	883.1	62.0	49.6	74.4	847.6	34.2	-14.9	83.4
1999	92.9	64.0	53.3	74.8	892.9	61.9	48.9	74.9	850.2	34.0	-16.1	84.2
2000	92.1	62.7	52.7	72.7	899.0	60.8	47.8	73.7	847.3	32.8	-19.0	84.6
2001	91.2	61.2	51.9	70.6	904.9	59.3	46.4	72.3	842.9	31.5	-20.9	83.9
2002	91.5	60.5	50.2	70.7	915.9	58.3	46.1	70.5	841.2	30.3	-19.5	80.1
2003	91.7	59.9	50.5	69.3	926.8	58.2	45.2	71.3	837.5	26.3	-23.0	75.6
2004	90.1	60.6	51.9	69.3	929.6	59.7	46.9	72.5	816.4	27.7	-18.8	74.1
2005	88.6	60.8	51.4	70.3	932.6	62.0	47.2	76.9	797.0	29.1	-23.3	81.5
2006	87.1	60.8	52.5	69.1	941.6	63.6	50.6	76.7	786.6	30.5	-18.4	79.5
2007	86.3	59.6	50.5	68.6	954.7	62.7	49.3	76.0	784.3	29.4	-19.9	78.7
2008	84.7	57.5	49.9	65.1	963.1	61.1	47.7	74.5	777.2	28.0	-19.2	75.2
2009	82.3	55.3	46.8	63.9	963.2	59.2	44.2	74.2	764.4	26.6	-16.9	70.1
2010	81.1	54.1	46.0	62.2	968.3	58.9	45.7	72.1	761.3	25.3	-20.4	71.0
2011	81.1	53.8	45.2	62.4	976.9	59.0	44.1	73.8	769.8	25.2	-17.5	67.9
2012	82.6	54.5	45.9	63.1	988.6	59.4	46.3	72.5	789.5	25.2	-24.1	74.6
2013	84.4	55.3	46.9	63.8	1002.4	60.1	46.0	74.1	811.6	25.5	-20.2	71.2
2014	85.5	55.5	45.8	65.2	1016.5	59.4	45.4	73.5	825.9	25.2	-20.4	70.9

Web Appendix 48 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	354.6	133.5	119.9	147.1	65.9	27.3	24.6	30.1	288.7	106.2	95.3	117.0
1991	351.3	133.5	120.6	146.4	66.6	27.6	25.0	30.3	284.8	105.9	95.6	116.1
1992	342.5	128.7	114.4	143.0	66.8	27.4	24.4	30.4	275.7	101.3	90.0	112.6
1993	329.1	122.6	109.9	135.2	66.9	27.1	24.3	29.9	262.3	95.4	85.6	105.3
1994	320.5	119.5	106.9	132.2	67.5	27.2	24.3	30.1	253.0	92.3	82.6	102.1
1995	318.7	119.4	107.3	131.5	68.8	27.7	24.9	30.5	249.9	91.7	82.4	101.0
1996	316.5	118.4	106.1	130.7	70.1	28.2	25.2	31.1	246.4	90.2	80.8	99.6
1997	302.0	115.5	102.6	128.4	68.4	28.1	24.9	31.2	233.6	87.4	77.7	97.2
1998	292.1	112.4	101.3	123.4	66.5	27.4	24.7	30.1	225.6	84.9	76.6	93.3
1999	290.0	111.5	100.4	122.6	66.1	27.2	24.5	29.9	223.9	84.3	76.0	92.7
2000	286.2	110.0	99.0	121.1	65.7	27.0	24.3	29.7	220.5	83.0	74.7	91.3
2001	279.2	105.6	95.5	115.7	65.2	26.4	23.8	28.9	214.1	79.2	71.7	86.8
2002	275.1	103.0	91.7	114.3	65.3	26.2	23.3	29.1	209.8	76.8	68.4	85.2
2003	272.0	101.0	92.2	109.8	65.8	26.2	23.9	28.5	206.2	74.8	68.2	81.3
2004	261.9	98.1	88.9	107.4	65.0	26.2	23.7	28.6	197.0	72.0	65.2	78.8
2005	250.2	99.3	89.6	108.9	63.7	27.2	24.5	29.8	186.5	72.1	65.1	79.1
2006	238.6	96.1	87.4	104.8	62.4	27.1	24.6	29.6	176.2	69.0	62.8	75.3
2007	232.2	92.2	84.4	100.0	62.5	26.8	24.5	29.1	169.7	65.4	59.9	70.9
2008	224.9	87.5	80.0	94.9	62.5	26.4	24.1	28.7	162.3	61.1	55.9	66.2
2009	214.9	82.1	74.2	90.0	61.6	25.7	23.2	28.2	153.2	56.4	51.0	61.8
2010	207.6	78.5	70.7	86.2	60.9	25.2	22.7	27.7	146.6	53.3	48.1	58.5
2011	204.4	76.7	69.8	83.6	61.1	25.1	22.8	27.3	143.3	51.6	47.0	56.2
2012	204.5	75.9	69.4	82.4	61.4	25.0	22.8	27.1	143.0	50.9	46.6	55.2
2013	205.6	75.9	68.0	83.7	62.0	25.1	22.4	27.8	143.6	50.8	45.7	56.0
2014	204.9	75.1	69.1	81.2	61.6	24.7	22.7	26.8	143.3	50.4	46.4	54.4

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 49. Standardized mortality from alcohol-attributable disease and injury categories for Sweden, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	48.6	29.0	23.3	34.8	827.9	31.1	22.4	39.9	1565.5	9.6	-81.7	101.0
1991	48.3	28.7	22.8	34.5	833.6	31.1	22.4	39.8	1529.9	9.9	-76.4	96.1
1992	47.8	28.4	22.4	34.4	832.2	31.0	22.8	39.2	1491.4	10.2	-79.4	99.9
1993	46.9	28.0	21.2	34.7	830.2	31.1	21.5	40.7	1458.3	10.8	-73.9	95.4
1994	46.2	27.6	22.0	33.3	826.6	31.1	22.5	39.8	1432.6	11.0	-74.8	96.8
1995	45.5	27.2	21.3	33.1	816.3	30.7	22.2	39.1	1411.1	11.4	-73.2	96.1
1996	44.3	26.3	21.3	31.3	820.2	30.6	21.4	39.9	1382.0	11.7	-69.5	92.9
1997	43.9	25.9	19.6	32.3	823.3	30.5	21.4	39.7	1363.7	11.6	-68.7	91.9
1998	44.9	26.7	21.4	32.0	827.4	30.9	22.2	39.6	1353.4	12.2	-63.8	88.3
1999	46.0	27.6	21.8	33.4	831.7	31.6	21.7	41.4	1343.6	12.8	-65.9	91.5
2000	47.3	28.9	22.1	35.7	833.1	32.4	22.8	42.0	1330.6	14.0	-67.8	95.8
2001	48.5	30.1	23.9	36.2	844.2	33.7	24.5	42.9	1300.5	14.8	-66.0	95.7
2002	49.7	31.1	23.8	38.4	853.8	34.8	24.4	45.1	1266.4	15.6	-65.5	96.6
2003	51.0	32.0	25.7	38.2	864.5	35.4	24.7	46.1	1238.7	16.0	-56.2	88.3
2004	52.1	32.6	26.6	38.6	877.4	35.8	25.6	46.1	1214.1	16.3	-54.4	87.0
2005	52.9	33.2	26.4	40.0	883.7	36.4	26.2	46.5	1188.6	16.6	-55.8	89.0
2006	53.0	33.5	27.3	39.6	889.0	37.3	27.1	47.6	1166.2	17.2	-55.3	89.8
2007	53.1	33.8	28.1	39.4	895.6	38.2	27.4	49.0	1145.1	17.9	-55.1	90.8
2008	52.8	33.7	27.8	39.7	905.0	39.2	28.3	50.1	1126.9	18.3	-47.7	84.3
2009	52.1	33.3	26.5	40.2	911.6	40.0	27.7	52.2	1110.0	18.4	-51.9	88.6
2010	50.8	32.4	26.8	37.9	913.2	40.1	28.4	51.7	1095.0	14.7	-58.2	87.6
2011	49.4	31.6	25.7	37.5	912.1	40.3	28.9	51.7	1091.7	15.1	-52.6	82.8
2012	49.2	31.4	25.8	36.9	920.0	40.5	28.2	52.8	1102.5	15.1	-58.2	88.3
2013	49.2	31.3	23.8	38.8	930.7	41.0	29.9	52.0	1118.2	15.2	-72.2	102.6
2014	49.6	31.3	24.5	38.1	943.3	40.9	28.1	53.7	1129.7	14.8	-57.9	87.5



Web Appendix 49 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	363.3	117.3	105.0	129.5	177.8	60.6	54.2	66.9	185.6	56.7	50.8	62.6
1991	353.6	113.5	102.4	124.5	173.8	59.1	53.3	64.8	179.7	54.4	49.1	59.7
1992	338.1	108.7	96.4	121.0	168.0	57.2	50.6	63.7	170.1	51.6	45.8	57.3
1993	323.3	104.2	92.0	116.4	162.2	55.3	48.7	61.9	161.1	48.9	43.4	54.5
1994	311.0	101.4	91.8	111.0	156.8	54.0	48.8	59.2	154.2	47.4	42.9	51.8
1995	300.2	98.3	88.0	108.6	152.0	52.6	47.1	58.1	148.2	45.7	41.0	50.5
1996	289.8	94.6	85.5	103.7	145.8	50.4	45.5	55.2	143.9	44.2	40.0	48.4
1997	282.5	92.2	81.7	102.8	140.2	48.5	42.9	54.2	142.2	43.7	38.8	48.6
1998	278.4	91.2	81.7	100.7	136.7	47.4	42.4	52.5	141.7	43.7	39.3	48.2
1999	275.3	91.8	81.7	101.9	133.3	47.1	41.8	52.3	141.9	44.7	39.9	49.5
2000	274.8	93.2	83.3	103.0	131.0	47.1	42.0	52.2	143.8	46.1	41.4	50.8
2001	275.0	94.2	84.4	103.9	129.9	47.2	42.2	52.2	145.1	46.9	42.2	51.7
2002	273.2	95.1	85.7	104.5	128.4	47.5	42.7	52.2	144.7	47.7	43.0	52.3
2003	272.0	95.4	86.4	104.5	127.5	47.4	42.8	52.0	144.6	48.0	43.5	52.5
2004	271.1	95.5	86.9	104.0	127.3	47.5	43.1	51.9	143.8	48.0	43.8	52.1
2005	268.7	95.1	85.3	104.9	126.7	47.4	42.5	52.4	142.0	47.7	42.9	52.5
2006	266.6	97.1	88.2	106.1	126.1	48.6	43.9	53.2	140.5	48.6	44.2	52.9
2007	264.8	98.4	89.9	106.9	125.9	49.4	45.0	53.7	139.0	49.0	44.9	53.2
2008	262.0	98.4	89.7	107.2	125.2	49.6	45.1	54.2	136.8	48.8	44.6	53.0
2009	258.7	96.6	86.8	106.5	124.4	49.1	44.0	54.3	134.3	47.5	42.8	52.2
2010	253.7	88.8	80.0	97.7	122.3	45.5	40.8	50.1	131.3	43.4	39.2	47.6
2011	249.5	88.5	79.4	97.6	120.2	45.2	40.4	50.1	129.3	43.3	39.0	47.6
2012	249.3	88.6	78.9	98.2	119.8	45.1	40.0	50.2	129.4	43.4	38.9	47.9
2013	250.1	89.3	79.5	99.1	119.9	45.4	40.2	50.5	130.3	44.0	39.3	48.6
2014	251.8	89.8	80.5	99.1	120.7	45.6	40.7	50.4	131.1	44.2	39.8	48.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 50. Standardized mortality from alcohol-attributable disease and injury categories for Switzerland, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	52.6	37.3	31.9	42.8	846.8	57.1	42.6	71.7	1045.9	-25.2	-133.3	83.0
1991	52.7	37.0	32.3	41.6	852.4	56.1	43.2	68.9	1044.7	-26.8	-139.0	85.4
1992	52.4	36.5	30.6	42.3	853.9	55.1	41.8	68.4	1034.3	-26.8	-139.2	85.7
1993	52.2	36.0	31.4	40.6	855.3	53.9	41.2	66.5	1022.0	-27.5	-130.3	75.3
1994	53.0	36.3	31.8	40.7	859.9	52.8	41.1	64.6	1013.1	-27.4	-140.3	85.6
1995	54.3	36.7	31.6	41.9	862.7	51.5	37.7	65.2	1001.0	-27.2	-137.6	83.3
1996	54.9	36.9	30.4	43.3	860.3	50.3	36.7	64.0	978.3	-26.4	-130.5	77.8
1997	54.9	37.0	31.3	42.8	857.2	51.6	39.5	63.6	946.7	-17.7	-112.4	77.1
1998	55.1	37.2	32.5	41.9	858.2	52.0	39.6	64.4	927.0	-13.9	-109.4	81.7
1999	55.3	37.3	31.2	43.4	861.5	52.1	38.9	65.3	912.6	-13.1	-107.0	80.8
2000	55.4	37.3	32.4	42.3	869.2	52.6	39.7	65.5	900.8	-13.0	-103.2	77.1
2001	55.8	37.5	32.0	43.1	873.8	52.7	40.4	64.9	887.3	-12.8	-105.5	80.0
2002	55.9	37.5	31.9	43.0	877.6	52.4	39.8	65.0	867.9	-12.5	-98.6	73.7
2003	55.4	36.9	31.0	42.9	881.7	52.0	40.4	63.5	846.8	-12.3	-97.4	72.8
2004	54.6	36.1	30.0	42.2	883.1	51.2	39.1	63.3	825.4	-12.4	-98.7	73.9
2005	53.9	35.4	28.8	42.0	882.6	50.6	36.7	64.4	810.4	-12.4	-98.3	73.5
2006	53.3	35.0	29.1	40.9	889.0	50.9	38.2	63.6	801.7	-12.4	-83.0	58.2
2007	52.8	34.7	29.4	39.9	895.9	51.3	39.0	63.6	795.4	-12.4	-90.9	66.1
2008	52.3	34.3	28.2	40.3	902.9	51.4	38.4	64.5	788.5	-12.1	-80.1	56.0
2009	52.0	33.8	28.4	39.3	909.9	51.2	38.7	63.6	785.4	-12.1	-94.9	70.6
2010	50.8	32.9	28.0	37.7	911.5	50.8	38.7	62.8	779.5	-12.1	-87.3	63.1
2011	49.3	31.8	26.7	36.9	908.7	50.3	37.6	63.1	775.0	-12.3	-88.1	63.6
2012	49.3	31.7	26.3	37.1	917.8	50.6	37.6	63.6	784.9	-11.1	-93.1	70.9
2013	49.6	31.4	26.6	36.2	930.6	49.9	36.9	62.9	800.3	-18.3	-99.4	62.8
2014	50.5	31.8	25.9	37.6	949.0	50.1	36.7	63.5	816.6	-19.0	-107.9	70.0

Web Appendix 50 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	462.4	123.1	102.8	143.4	178.8	49.8	41.5	58.2	283.6	73.3	61.3	85.2
1991	457.9	121.2	97.0	145.4	179.9	49.7	39.8	59.7	277.9	71.4	57.2	85.7
1992	442.8	115.5	94.3	136.7	178.6	48.6	39.6	57.7	264.3	66.9	54.7	79.1
1993	421.2	109.4	89.6	129.2	176.1	47.7	38.9	56.6	245.1	61.7	50.8	72.6
1994	400.4	102.6	84.2	121.0	173.9	46.5	38.0	55.0	226.5	56.1	46.1	66.1
1995	380.4	96.4	81.0	111.8	172.3	45.6	38.2	52.9	208.1	50.9	42.8	58.9
1996	361.4	91.2	74.3	108.1	168.8	44.4	36.1	52.8	192.6	46.7	38.3	55.2
1997	347.3	88.9	75.9	101.9	166.0	44.3	37.8	50.8	181.3	44.6	38.2	51.0
1998	335.6	86.3	70.9	101.7	162.1	43.5	35.6	51.3	173.5	42.8	35.3	50.4
1999	325.3	83.6	67.8	99.4	158.0	42.3	34.2	50.5	167.3	41.3	33.6	49.0
2000	318.7	83.1	68.5	97.6	155.1	42.1	34.6	49.6	163.5	41.0	33.9	48.1
2001	312.5	81.4	68.1	94.6	152.8	41.4	34.4	48.3	159.7	40.0	33.7	46.3
2002	305.5	79.2	64.3	94.2	150.0	40.4	32.7	48.1	155.5	38.8	31.6	46.1
2003	297.8	76.9	64.5	89.3	146.1	39.1	32.7	45.5	151.7	37.8	31.8	43.7
2004	289.0	74.4	59.2	89.5	142.0	37.9	30.0	45.7	147.1	36.5	29.2	43.8
2005	281.1	71.9	58.5	85.3	138.5	36.7	29.8	43.7	142.6	35.2	28.7	41.6
2006	273.6	71.8	59.7	83.9	134.1	36.5	30.2	42.9	139.5	35.3	29.6	41.0
2007	269.0	72.8	60.7	84.9	131.4	36.9	30.7	43.2	137.6	35.8	30.0	41.7
2008	265.1	72.8	62.1	83.6	128.6	36.7	31.2	42.3	136.5	36.1	30.9	41.3
2009	261.0	71.0	59.5	82.4	125.6	35.6	29.7	41.4	135.4	35.4	29.8	41.0
2010	255.4	69.5	58.3	80.8	121.9	34.6	28.9	40.3	133.5	34.9	29.3	40.4
2011	250.9	69.3	59.7	79.0	119.4	34.5	29.6	39.4	131.5	34.8	30.1	39.5
2012	250.9	69.7	60.4	79.0	119.0	34.6	29.9	39.3	131.9	35.1	30.5	39.7
2013	252.8	69.4	59.9	79.0	119.5	34.3	29.5	39.2	133.3	35.1	30.4	39.8
2014	256.3	70.2	60.5	79.9	121.0	34.6	29.7	39.5	135.3	35.6	30.8	40.4

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 51. Standardized mortality from alcohol-attributable disease and injury categories for Tajikistan, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	160.6	86.0	51.1	120.8	636.0	30.5	19.2	41.8	2870.5	141.8	3.0	280.6
1993	167.3	80.1	47.9	112.4	620.8	25.7	15.5	35.9	2961.5	123.4	-21.9	268.6
1994	177.2	81.0	33.0	129.0	605.9	24.1	12.5	35.6	3051.0	120.1	-16.8	257.0
1995	183.1	87.8	39.9	135.8	587.7	25.2	13.5	36.9	3086.3	128.2	-15.8	272.3
1996	186.8	86.6	41.8	131.3	570.1	23.6	13.0	34.3	3062.3	121.6	-13.9	257.1
1997	187.9	90.0	53.7	126.4	557.5	23.3	15.4	31.2	2988.9	119.2	-5.8	244.2
1998	186.8	69.8	22.7	117.0	548.7	17.3	9.1	25.5	2899.3	91.1	-22.3	204.6
1999	185.5	58.5	24.1	92.8	544.5	14.5	8.0	20.9	2831.5	79.1	-26.0	184.3
2000	187.2	68.6	24.3	113.0	538.8	16.3	8.5	24.1	2793.0	83.6	-17.9	185.1
2001	190.8	75.2	34.6	115.9	537.2	17.6	10.5	24.7	2777.2	88.7	-15.3	192.7
2002	194.8	75.6	35.5	115.8	541.4	17.3	9.7	24.9	2788.3	85.5	-22.0	193.1
2003	200.2	93.5	53.2	133.7	547.1	21.4	13.2	29.5	2826.8	101.2	3.7	198.8
2004	208.0	95.4	47.0	143.9	555.1	21.3	12.9	29.6	2895.8	100.1	-5.5	205.8
2005	215.9	97.9	59.7	136.1	565.2	21.3	14.6	28.0	2986.9	100.3	-0.8	201.3
2006	221.1	99.0	47.0	151.0	578.4	21.3	13.0	29.7	3078.8	100.9	1.4	200.3
2007	225.4	99.5	57.8	141.3	589.2	21.2	14.0	28.4	3157.3	100.6	-3.2	204.4
2008	228.4	99.3	47.0	151.6	597.7	21.0	11.5	30.5	3221.7	99.8	-1.6	201.1
2009	231.0	98.8	49.4	148.1	606.8	20.8	13.3	28.2	3277.8	98.5	-9.8	206.7
2010	233.4	98.2	53.4	143.0	616.3	20.6	13.1	28.1	3327.4	97.2	-7.8	202.3
2011	235.7	101.5	49.9	153.0	627.0	22.2	13.3	31.0	3371.5	106.1	-1.8	214.1
2012	239.8	101.3	45.6	156.9	640.7	22.2	12.8	31.5	3430.2	105.7	-10.1	221.5
2013	244.5	100.9	42.3	159.6	656.9	22.2	12.6	31.8	3494.4	105.2	-21.3	231.7
2014	251.8	101.5	48.2	154.9	676.5	22.4	12.7	32.2	3565.8	105.3	-4.2	214.9

Web Appendix 51 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	484.9	41.7	29.8	53.7	105.1	12.1	8.6	15.6	379.8	29.6	21.1	38.1
1993	506.4	38.9	25.5	52.2	129.3	13.1	8.6	17.5	377.1	25.8	16.9	34.7
1994	500.1	37.0	27.2	46.7	130.6	12.7	9.3	16.0	369.4	24.3	17.9	30.7
1995	485.6	37.3	24.8	49.7	127.1	12.8	8.5	17.1	358.5	24.5	16.3	32.7
1996	465.1	34.4	24.7	44.1	127.7	12.4	8.9	15.9	337.4	22.0	15.7	28.2
1997	434.8	30.6	20.0	41.2	119.9	11.2	7.3	15.1	315.0	19.4	12.7	26.1
1998	405.7	23.4	17.1	29.7	107.6	8.3	6.1	10.5	298.1	15.1	11.0	19.2
1999	380.3	19.5	13.6	25.4	95.0	6.6	4.6	8.5	285.3	12.9	9.1	16.8
2000	361.2	19.4	13.3	25.4	83.5	6.0	4.1	7.9	277.7	13.3	9.1	17.5
2001	354.3	19.8	12.8	26.8	78.5	5.9	3.8	8.0	275.8	13.9	8.9	18.8
2002	352.7	19.2	12.9	25.6	78.0	5.7	3.9	7.6	274.6	13.5	9.0	17.9
2003	351.8	21.4	14.9	28.0	77.2	6.3	4.4	8.2	274.7	15.2	10.5	19.8
2004	354.8	21.4	15.0	27.8	75.9	6.0	4.2	7.8	278.9	15.3	10.7	19.9
2005	358.1	21.4	14.3	28.5	74.6	5.8	3.9	7.7	283.5	15.6	10.5	20.7
2006	362.3	21.6	15.1	28.0	74.2	5.6	4.0	7.3	288.1	15.9	11.2	20.7
2007	367.2	21.7	12.8	30.6	74.2	5.5	3.3	7.8	293.0	16.1	9.5	22.8
2008	374.8	21.8	14.2	29.4	76.3	5.6	3.6	7.5	298.5	16.3	10.6	21.9
2009	380.2	21.7	14.8	28.6	76.4	5.4	3.7	7.2	303.8	16.3	11.1	21.5
2010	388.2	21.8	13.7	29.9	80.1	5.6	3.5	7.6	308.1	16.3	10.2	22.3
2011	396.3	23.4	15.7	31.1	82.8	6.0	4.0	8.0	313.5	17.3	11.6	23.1
2012	405.4	23.7	16.2	31.2	86.3	6.2	4.2	8.2	319.1	17.5	11.9	23.0
2013	414.1	23.9	15.5	32.4	89.4	6.3	4.1	8.6	324.8	17.6	11.4	23.8
2014	425.3	24.2	15.7	32.7	91.8	6.4	4.2	8.6	333.5	17.8	11.6	24.1

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 52. Standardized mortality from alcohol-attributable disease and injury categories for the former Yugoslav Republic of Macedonia, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	46.2	28.9	20.8	36.9	770.1	35.2	22.4	47.9	2031.1	59.9	-92.8	212.5
1993	47.1	29.0	22.0	35.9	788.9	34.3	22.7	46.0	2088.6	57.8	-110.1	225.7
1994	47.7	28.9	19.3	38.5	809.0	35.1	21.5	48.7	2137.1	53.7	-112.1	219.5
1995	49.2	26.9	13.9	39.9	828.8	31.8	17.3	46.3	2183.4	39.8	-123.5	203.2
1996	50.0	29.9	21.0	38.9	858.9	34.5	22.5	46.5	2268.9	56.2	-98.9	211.4
1997	52.0	21.7	9.8	33.5	895.8	25.8	15.2	36.4	2367.7	26.0	-123.1	175.1
1998	53.2	27.2	17.4	36.9	926.6	32.3	19.4	45.2	2416.3	37.2	-137.8	212.1
1999	53.9	31.4	20.9	41.9	947.0	38.2	24.1	52.4	2447.3	51.7	-113.0	216.5
2000	54.3	32.9	23.0	42.9	960.5	40.7	26.0	55.4	2454.8	58.4	-108.3	225.1
2001	55.2	33.3	20.0	46.6	972.6	41.0	23.8	58.2	2465.2	56.2	-118.9	231.4
2002	55.8	33.3	21.8	44.8	984.9	40.5	25.1	55.8	2487.0	54.6	-117.4	226.7
2003	54.9	31.6	20.3	42.9	992.4	38.9	22.2	55.5	2484.9	48.5	-134.8	231.9
2004	54.6	30.5	19.4	41.7	1001.1	37.6	23.4	51.8	2486.5	44.5	-116.8	205.9
2005	54.8	29.8	20.3	39.2	1019.1	37.1	24.5	49.6	2528.1	41.5	-133.0	216.0
2006	56.8	30.3	16.5	44.1	1046.8	37.8	21.1	54.4	2596.2	39.7	-131.6	211.1
2007	58.6	31.1	17.4	44.7	1071.3	38.7	22.7	54.6	2647.4	38.8	-150.8	228.5
2008	59.5	31.5	18.2	44.7	1082.2	39.1	21.9	56.3	2625.4	37.9	-143.5	219.2
2009	59.7	31.0	19.5	42.5	1087.8	38.6	22.6	54.5	2606.0	35.5	-137.7	208.6
2010	59.9	30.3	17.2	43.3	1100.7	37.9	23.5	52.3	2670.0	33.3	-149.3	216.0
2011	58.6	28.1	14.6	41.7	1093.7	35.9	21.4	50.3	2675.4	29.2	-144.3	202.7
2012	58.1	26.4	14.1	38.8	1092.8	34.2	19.7	48.7	2684.2	25.2	-162.4	212.9
2013	57.7	25.4	11.8	39.0	1095.1	33.2	17.6	48.9	2706.6	23.5	-154.8	201.8
2014	58.8	25.0	12.6	37.4	1115.3	32.7	19.0	46.5	2776.6	21.8	-164.0	207.6

Web Appendix 52 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	410.5	74.7	62.5	86.9	102.7	22.7	18.9	26.5	307.8	52.0	43.6	60.4
1993	398.0	71.1	58.6	83.7	101.9	21.4	17.5	25.3	296.0	49.7	41.1	58.3
1994	392.7	74.2	60.8	87.6	101.2	22.3	18.1	26.5	291.5	51.9	42.7	61.1
1995	386.4	69.3	57.8	80.8	101.1	21.0	17.4	24.6	285.3	48.3	40.4	56.2
1996	373.5	61.5	48.8	74.2	100.6	18.7	14.7	22.7	272.9	42.8	34.0	51.5
1997	372.3	54.2	43.8	64.7	102.1	16.6	13.3	19.9	270.2	37.6	30.4	44.7
1998	374.8	60.2	49.4	71.1	104.8	18.8	15.4	22.3	270.0	41.4	34.0	48.8
1999	365.7	63.6	51.0	76.3	107.4	20.6	16.4	24.9	258.3	43.0	34.5	51.5
2000	349.8	62.9	46.8	79.1	109.3	21.5	15.9	27.0	240.6	41.5	30.9	52.1
2001	336.2	61.6	49.5	73.8	113.1	22.6	18.1	27.1	223.1	39.0	31.4	46.7
2002	320.3	57.1	47.0	67.2	111.6	21.6	17.7	25.6	208.7	35.5	29.2	41.7
2003	306.1	53.0	43.1	62.8	110.5	20.8	16.9	24.8	195.5	32.1	26.2	38.0
2004	292.7	49.3	39.2	59.5	109.3	20.1	15.9	24.2	183.5	29.3	23.3	35.2
2005	288.0	47.7	38.1	57.3	106.9	19.2	15.2	23.1	181.2	28.5	22.8	34.1
2006	288.0	47.5	38.0	56.9	104.3	18.6	14.8	22.4	183.7	28.9	23.2	34.5
2007	285.5	46.9	38.0	55.7	101.0	17.9	14.4	21.3	184.5	29.0	23.6	34.4
2008	280.8	45.6	35.6	55.6	97.8	17.2	13.4	21.1	182.9	28.4	22.2	34.5
2009	278.0	44.6	35.4	53.8	95.4	16.6	13.1	20.2	182.7	27.9	22.2	33.6
2010	269.9	43.0	32.8	53.1	93.1	16.0	12.1	19.8	176.7	27.0	20.7	33.3
2011	262.9	41.4	31.8	51.0	92.7	15.6	11.9	19.3	170.1	25.8	19.9	31.7
2012	258.3	40.1	33.9	46.3	92.2	15.2	12.8	17.7	166.1	24.9	21.1	28.7
2013	256.0	39.2	32.4	45.9	92.1	15.0	12.4	17.7	163.9	24.1	20.0	28.3
2014	257.3	39.1	32.4	45.8	92.6	14.9	12.3	17.5	164.8	24.1	20.1	28.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 53. Standardized mortality from alcohol-attributable disease and injury categories for Turkey, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	50.7	11.6	6.1	17.1	680.7	6.3	4.3	8.4	1421.4	25.0	0.4	49.6
1991	49.4	11.9	5.5	18.3	695.2	6.6	4.1	9.1	1450.5	26.6	1.8	51.3
1992	48.2	11.9	6.1	17.7	712.2	6.9	4.5	9.3	1477.8	27.8	3.4	52.3
1993	47.4	12.0	5.9	18.0	728.7	7.1	4.3	9.9	1504.0	29.1	2.6	55.5
1994	47.4	12.1	6.1	18.2	748.0	7.1	4.8	9.5	1530.4	29.7	3.3	56.1
1995	47.8	12.3	5.6	18.9	765.2	7.3	4.5	10.1	1550.6	30.3	0.2	60.4
1996	48.1	12.4	6.6	18.3	782.3	7.5	4.8	10.1	1564.6	30.6	1.9	59.3
1997	48.2	12.6	5.9	19.4	798.6	7.8	4.8	10.8	1569.7	31.4	3.3	59.6
1998	48.3	12.8	5.6	20.0	814.7	8.2	5.1	11.2	1569.6	32.4	3.3	61.4
1999	48.0	12.5	4.6	20.3	828.6	8.2	5.1	11.3	1571.1	31.8	-0.4	64.0
2000	47.1	12.2	5.6	18.8	842.3	8.5	5.5	11.4	1570.8	32.1	-1.9	66.1
2001	45.8	11.7	5.7	17.8	870.6	8.4	5.2	11.6	1568.6	31.3	3.1	59.5
2002	43.3	11.0	6.0	16.0	880.4	8.3	5.2	11.4	1580.3	30.8	2.0	59.6
2003	41.8	10.4	4.3	16.6	914.6	8.6	5.5	11.7	1561.0	29.8	-0.8	60.3
2004	40.9	10.1	4.1	16.0	946.1	8.9	5.5	12.4	1542.0	29.3	-2.0	60.5
2005	40.3	9.8	3.9	15.7	976.1	9.4	5.7	13.0	1527.1	28.4	0.7	56.1
2006	40.4	9.7	3.6	15.8	1003.1	9.8	5.7	13.9	1515.2	28.0	-1.3	57.3
2007	41.1	9.9	3.4	16.4	1024.1	10.4	6.0	14.7	1508.9	27.8	-0.8	56.3
2008	42.4	10.4	3.1	17.7	1039.2	11.1	6.5	15.6	1507.7	28.2	-0.6	56.9
2009	44.5	11.2	4.8	17.5	1046.7	11.4	7.3	15.6	1516.9	28.1	-0.5	56.7
2010	46.8	12.0	4.5	19.5	1056.3	12.1	7.6	16.6	1522.3	29.0	-3.4	61.4
2011	48.7	13.1	4.4	21.8	1070.7	13.7	8.1	19.3	1536.2	32.5	-3.5	68.6
2012	51.0	13.7	4.9	22.5	1095.8	14.2	8.6	19.7	1576.3	33.3	-5.4	72.0
2013	52.8	14.1	5.6	22.7	1123.5	14.5	8.5	20.6	1642.4	34.5	-2.7	71.8
2014	54.7	14.7	4.5	24.9	1161.0	15.0	8.3	21.8	1707.5	36.0	-6.3	78.4



Web Appendix 53 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	362.4	14.0	9.2	18.9	51.8	2.8	1.9	3.8	310.6	11.2	7.4	15.1
1991	368.1	15.2	10.4	19.9	59.3	3.3	2.3	4.4	308.8	11.8	8.1	15.5
1992	375.8	16.2	10.4	22.1	67.9	3.9	2.5	5.3	307.9	12.3	7.8	16.8
1993	383.7	17.3	11.1	23.5	76.6	4.5	2.9	6.1	307.0	12.8	8.2	17.4
1994	394.3	18.2	11.8	24.7	85.4	5.0	3.3	6.8	308.9	13.2	8.6	17.9
1995	402.6	19.1	12.4	25.8	93.3	5.5	3.6	7.4	309.2	13.6	8.9	18.4
1996	407.6	19.8	13.4	26.2	99.3	5.8	3.9	7.6	308.4	14.0	9.5	18.6
1997	406.7	20.8	14.9	26.7	100.9	6.0	4.3	7.7	305.9	14.8	10.6	19.1
1998	399.8	21.6	12.8	30.4	99.4	6.1	3.6	8.5	300.4	15.5	9.1	21.9
1999	392.2	21.4	14.3	28.5	100.5	6.1	4.1	8.1	291.7	15.4	10.3	20.5
2000	374.1	21.4	13.8	29.0	102.0	6.3	4.1	8.5	272.1	15.1	9.7	20.5
2001	356.8	20.7	14.2	27.3	103.1	6.4	4.4	8.4	253.7	14.3	9.8	18.9
2002	339.3	20.6	14.1	27.0	101.6	6.5	4.5	8.5	237.7	14.1	9.7	18.5
2003	330.7	21.0	13.6	28.3	101.8	6.7	4.4	9.0	228.9	14.3	9.3	19.3
2004	322.3	20.9	14.3	27.4	99.2	6.6	4.5	8.7	223.1	14.3	9.8	18.8
2005	313.0	20.6	13.7	27.5	94.8	6.4	4.3	8.5	218.1	14.2	9.4	19.0
2006	308.5	20.5	13.7	27.2	92.7	6.2	4.2	8.3	215.8	14.2	9.5	18.9
2007	303.4	20.3	13.0	27.7	89.2	6.1	3.9	8.3	214.2	14.3	9.1	19.4
2008	298.0	20.3	13.4	27.2	85.5	6.0	4.0	8.0	212.5	14.3	9.4	19.2
2009	295.2	19.9	13.0	26.8	81.3	5.7	3.8	7.7	213.9	14.2	9.2	19.1
2010	294.8	20.1	13.2	27.0	77.7	5.6	3.7	7.6	217.1	14.5	9.5	19.5
2011	294.4	21.2	14.3	28.1	73.8	5.7	3.9	7.5	220.6	15.5	10.4	20.5
2012	297.0	21.3	14.1	28.6	72.2	5.6	3.7	7.5	224.8	15.8	10.4	21.1
2013	296.8	21.3	14.1	28.5	71.3	5.5	3.6	7.3	225.5	15.8	10.4	21.1
2014	302.8	21.8	15.0	28.6	72.5	5.6	3.9	7.3	230.2	16.2	11.1	21.3

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 54. Standardized mortality from alcohol-attributable disease and injury categories for Turkmenistan, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	196.9	50.0	17.4	82.6	665.9	18.0	11.2	24.8	2893.5	60.0	-46.8	166.8
1993	209.4	64.7	22.2	107.2	675.2	24.8	12.7	36.8	3086.6	64.9	-56.2	186.1
1994	225.6	85.8	41.5	130.0	688.9	32.9	20.7	45.0	3272.6	78.1	-63.3	219.5
1995	242.4	104.6	49.1	160.0	700.4	38.8	21.2	56.4	3456.6	91.4	-79.4	262.3
1996	259.6	112.9	49.5	176.4	712.0	39.7	20.7	58.7	3626.7	95.7	-70.3	261.6
1997	278.0	116.7	53.8	179.7	728.5	38.9	21.0	56.7	3775.4	95.7	-84.3	275.6
1998	289.5	120.8	46.7	194.8	745.7	39.5	21.1	57.9	3897.7	97.7	-78.4	273.8
1999	295.6	138.2	65.3	211.2	770.1	46.7	26.7	66.7	3968.5	111.9	-75.1	298.8
2000	300.3	148.0	85.1	211.0	787.8	51.3	33.5	69.1	4015.6	123.5	-56.0	303.0
2001	303.2	153.8	93.8	213.9	800.3	53.9	34.6	73.2	4045.0	128.8	-64.8	322.4
2002	305.7	155.4	89.1	221.6	811.0	54.7	33.5	75.8	4065.9	129.6	-67.2	326.5
2003	307.4	158.9	92.6	225.2	819.5	56.6	34.8	78.4	4085.3	134.9	-89.1	358.9
2004	308.7	162.5	101.5	223.4	827.2	58.5	37.6	79.3	4103.0	138.6	-60.5	337.8
2005	309.3	162.5	95.1	229.8	834.3	58.9	35.5	82.3	4120.8	138.5	-79.2	356.2
2006	309.0	161.7	101.0	222.4	842.8	59.1	37.6	80.6	4148.2	137.3	-84.7	359.3
2007	309.2	160.2	98.2	222.2	852.7	59.1	35.2	83.0	4182.8	135.3	-70.0	340.5
2008	309.2	159.1	98.3	219.9	862.8	59.3	40.0	78.7	4213.1	133.5	-72.5	339.4
2009	309.9	159.8	90.8	228.7	873.5	60.2	38.0	82.5	4242.9	133.4	-81.5	348.3
2010	311.1	161.8	85.9	237.7	885.0	61.9	38.2	85.7	4264.8	135.0	-73.1	343.2
2011	312.0	164.5	99.7	229.2	896.5	64.4	42.1	86.7	4273.2	136.0	-80.6	352.5
2012	314.1	168.5	86.5	250.5	908.6	67.1	37.6	96.7	4279.7	139.5	-100.6	379.5
2013	316.9	172.4	108.0	236.7	923.2	69.8	42.8	96.9	4293.8	143.0	-86.3	372.4
2014	325.1	174.2	94.0	254.4	946.6	70.4	38.2	102.6	4373.3	141.7	-115.5	399.0

Web Appendix 54 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	552.7	72.4	66.3	78.6	111.3	22.3	20.4	24.2	441.4	50.1	45.9	54.4
1993	559.4	78.0	70.5	85.5	113.5	23.8	21.5	26.1	445.9	54.2	49.0	59.4
1994	565.9	86.6	77.2	96.0	116.9	26.7	23.8	29.6	449.0	59.9	53.4	66.3
1995	570.2	91.1	78.3	104.0	121.4	28.8	24.8	32.9	448.9	62.3	53.5	71.1
1996	569.3	91.3	79.7	102.8	126.4	29.8	26.1	33.5	442.9	61.5	53.7	69.2
1997	569.2	91.8	81.3	102.2	132.1	30.8	27.3	34.2	437.1	61.0	54.0	68.0
1998	572.8	93.6	81.2	105.9	140.1	32.4	28.2	36.6	432.7	61.2	53.0	69.3
1999	570.3	97.5	86.1	108.9	142.1	33.7	29.8	37.6	428.2	63.8	56.3	71.3
2000	566.9	104.7	91.7	117.6	142.8	35.9	31.5	40.3	424.1	68.7	60.2	77.3
2001	562.7	103.9	88.7	119.1	142.7	35.3	30.2	40.4	420.0	68.5	58.5	78.6
2002	557.5	103.9	89.8	118.1	141.4	34.9	30.2	39.7	416.1	69.0	59.5	78.4
2003	553.2	106.8	87.7	125.9	140.7	35.5	29.2	41.9	412.4	71.3	58.5	84.0
2004	550.1	107.8	89.7	125.9	140.6	35.6	29.7	41.6	409.5	72.2	60.0	84.3
2005	548.4	108.3	90.7	125.9	140.8	35.7	29.9	41.4	407.6	72.7	60.8	84.5
2006	547.3	108.4	91.5	125.3	141.0	35.5	30.0	40.9	406.4	73.0	61.6	84.4
2007	547.5	108.5	89.7	127.3	143.1	35.7	29.6	41.9	404.3	72.7	60.1	85.4
2008	547.7	108.5	91.2	125.8	144.6	35.8	30.1	41.5	403.1	72.7	61.1	84.3
2009	547.8	109.1	92.4	125.9	146.0	36.1	30.6	41.6	401.8	73.1	61.8	84.3
2010	549.8	110.9	93.8	128.0	147.5	36.7	31.1	42.3	402.4	74.2	62.7	85.7
2011	551.5	113.6	95.0	132.2	148.5	37.5	31.4	43.7	403.0	76.1	63.6	88.5
2012	553.7	116.9	100.5	133.3	149.6	38.6	33.2	43.9	404.1	78.4	67.3	89.4
2013	556.5	120.1	101.3	138.9	150.7	39.5	33.4	45.7	405.7	80.6	67.9	93.2
2014	564.6	121.7	102.0	141.4	153.2	39.9	33.5	46.4	411.4	81.7	68.4	95.0

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 55. Standardized mortality from alcohol-attributable disease and injury categories for Ukraine, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	110.7	51.4	38.2	64.6	1396.3	83.8	64.5	103.1	3519.1	700.8	346.3	1055.3
1991	122.2	56.6	41.8	71.3	1446.6	87.8	67.2	108.4	3735.2	743.9	395.5	1092.3
1992	135.7	62.2	46.6	77.8	1496.3	90.8	69.4	112.2	3990.4	782.8	420.5	1145.2
1993	151.6	67.6	48.9	86.3	1536.5	91.0	69.8	112.2	4270.2	815.4	362.5	1268.3
1994	168.7	72.7	47.9	97.6	1565.0	89.3	67.9	110.7	4542.3	813.8	306.9	1320.7
1995	184.6	76.0	51.3	100.7	1566.5	85.4	64.5	106.3	4724.6	803.0	346.0	1260.1
1996	191.5	77.9	52.5	103.2	1533.7	82.8	63.1	102.5	4725.3	785.3	300.2	1270.5
1997	191.9	77.3	52.8	101.9	1477.1	79.7	60.2	99.1	4591.6	776.8	306.4	1247.2
1998	192.7	78.2	52.0	104.5	1423.0	77.5	56.9	98.0	4458.7	756.2	283.7	1228.6
1999	201.4	82.3	53.1	111.5	1387.1	76.2	54.9	97.6	4425.5	761.0	282.6	1239.4
2000	217.5	89.7	60.9	118.4	1366.8	76.0	56.2	95.7	4460.4	785.0	337.3	1232.8
2001	237.3	100.8	72.2	129.4	1356.8	77.4	54.0	100.9	4514.2	811.4	330.9	1292.0
2002	261.0	114.8	84.1	145.5	1353.5	79.7	58.3	101.2	4585.7	859.5	365.2	1353.8
2003	288.4	132.8	105.7	160.0	1343.7	83.6	63.4	103.8	4640.0	925.7	467.9	1383.4
2004	320.9	153.6	115.3	191.9	1336.9	87.2	69.1	105.3	4722.2	994.2	529.0	1459.4
2005	352.7	173.8	134.0	213.6	1325.5	90.3	66.6	114.0	4803.5	1050.2	589.4	1510.9
2006	374.0	188.9	150.1	227.7	1309.6	92.8	72.2	113.5	4833.8	1098.3	562.2	1634.4
2007	381.2	197.2	154.9	239.4	1285.5	95.0	73.8	116.2	4800.5	1137.0	642.9	1631.2
2008	371.2	194.3	157.9	230.6	1236.5	93.8	73.8	113.8	4616.6	1117.9	675.3	1560.5
2009	335.4	175.6	143.6	207.6	1173.8	89.4	70.0	108.8	4302.4	1029.2	621.1	1437.3
2010	297.5	155.0	125.8	184.2	1122.8	85.6	65.9	105.3	4023.8	957.9	602.4	1313.5
2011	271.5	141.2	119.7	162.6	1098.4	84.3	64.7	104.0	3881.6	924.8	533.1	1316.4
2012	258.4	134.3	106.9	161.8	1103.9	84.8	65.4	104.2	3888.4	927.1	545.3	1308.9
2013	252.7	130.7	106.6	154.8	1125.9	86.1	65.9	106.4	3963.6	941.3	522.9	1359.6
2014	252.4	130.7	105.4	156.0	1118.5	85.3	65.9	104.6	3909.8	926.2	559.4	1293.0

Web Appendix 55 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI	
1990	1048.4	457.4	391.1	523.7	304.8	174.9	151.2	198.7	743.5	282.4	239.9	325.0
1991	1117.2	496.6	438.0	555.3	336.2	193.5	172.6	214.3	781.1	303.2	265.4	340.9
1992	1189.4	536.2	457.4	615.0	375.0	215.5	184.6	246.4	814.4	320.7	272.8	368.6
1993	1265.8	569.3	488.9	649.6	418.4	236.3	206.1	266.5	847.5	333.0	282.8	383.1
1994	1339.9	593.5	502.4	684.6	462.5	254.9	215.7	294.1	877.3	338.6	286.7	390.5
1995	1391.1	601.7	518.4	685.0	497.9	265.4	229.7	301.0	893.2	336.3	288.7	384.0
1996	1385.1	596.2	505.5	686.9	511.8	269.5	228.7	310.3	873.4	326.6	276.8	376.5
1997	1334.6	571.3	478.9	663.7	502.6	262.9	219.9	306.0	832.0	308.4	259.0	357.7
1998	1283.2	554.1	461.3	647.0	487.6	255.8	214.2	297.3	795.6	298.4	247.1	349.7
1999	1255.0	546.0	440.0	652.0	478.0	251.5	204.2	298.7	777.1	294.6	235.8	353.3
2000	1241.5	546.1	453.1	639.1	470.4	248.8	205.2	292.4	771.1	297.3	247.9	346.7
2001	1230.0	553.8	448.0	659.5	459.6	247.8	201.9	293.7	770.4	305.9	246.1	365.8
2002	1209.9	561.0	482.4	639.5	447.2	247.0	213.0	281.1	762.7	313.9	269.4	358.4
2003	1187.8	571.9	501.3	642.6	435.9	248.8	215.8	281.7	751.9	323.1	285.4	360.9
2004	1163.4	577.9	501.8	654.1	424.2	248.9	217.9	279.8	739.1	329.1	283.9	374.3
2005	1138.9	579.7	510.6	648.7	417.0	249.7	219.2	280.2	722.0	330.0	291.4	368.6
2006	1101.4	572.9	504.5	641.3	404.7	246.7	220.8	272.6	696.6	326.2	283.7	368.7
2007	1053.0	558.4	481.9	634.9	390.6	242.1	211.1	273.1	662.3	316.3	270.8	361.8
2008	969.7	517.4	454.2	580.6	362.1	225.8	202.4	249.1	607.6	291.7	251.8	331.5
2009	868.0	460.8	406.2	515.4	331.1	205.8	182.8	228.8	536.9	255.0	223.4	286.6
2010	782.6	412.6	364.7	460.4	303.4	187.7	167.2	208.3	479.2	224.8	197.5	252.2
2011	736.6	387.2	346.8	427.6	288.6	178.2	161.2	195.1	448.0	209.1	185.6	232.6
2012	724.3	381.1	331.4	430.8	285.9	176.6	155.1	198.1	438.4	204.5	176.4	232.7
2013	727.8	382.5	333.6	431.5	288.2	177.6	155.6	199.7	439.6	204.9	178.1	231.8
2014	722.6	379.2	332.4	425.9	285.7	176.0	156.2	195.8	436.9	203.2	176.2	230.2

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 56. Standardized mortality from alcohol-attributable disease and injury categories for the United Kingdom, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	44.2	30.5	26.3	34.7	1170.7	64.8	48.4	81.3	1718.9	-22.6	-189.7	144.5
1991	45.0	31.0	26.6	35.3	1157.6	64.1	49.4	78.8	1679.1	-22.3	-174.8	130.1
1992	46.2	31.5	26.6	36.3	1147.8	60.9	43.6	78.2	1637.6	-31.6	-193.6	130.4
1993	48.2	32.7	28.9	36.4	1141.1	60.4	44.5	76.2	1603.7	-29.0	-174.9	116.9
1994	50.5	34.4	30.2	38.6	1131.0	60.4	45.4	75.5	1559.2	-24.9	-163.6	113.8
1995	54.0	37.0	32.6	41.3	1124.1	60.9	47.1	74.8	1534.1	-23.2	-173.3	126.8
1996	57.7	39.8	34.4	45.2	1114.6	61.4	46.1	76.7	1494.8	-20.6	-156.9	115.8
1997	61.6	42.7	36.3	49.2	1104.4	61.5	44.3	78.8	1446.7	-17.3	-146.7	112.1
1998	66.2	46.2	39.6	52.8	1100.3	62.0	46.8	77.1	1407.5	-14.6	-128.7	99.4
1999	70.6	49.7	43.2	56.2	1096.3	62.5	47.1	77.9	1364.0	-11.7	-124.5	101.1
2000	74.8	53.1	46.3	60.0	1090.9	63.2	46.2	80.2	1320.8	-8.2	-130.4	113.9
2001	79.9	57.4	49.9	64.9	1089.9	64.7	48.7	80.8	1288.8	-3.7	-136.1	128.8
2002	84.5	61.5	53.5	69.4	1090.1	66.2	49.4	83.0	1250.7	0.8	-109.3	110.8
2003	87.6	64.5	56.7	72.2	1085.7	67.4	49.4	85.5	1201.4	5.1	-92.0	102.2
2004	89.1	65.9	58.5	73.3	1078.9	67.7	50.6	84.8	1144.0	6.6	-79.1	92.4
2005	91.6	67.6	60.4	74.9	1077.7	67.4	51.5	83.3	1106.7	8.5	-74.5	91.5
2006	94.2	69.6	61.1	78.1	1084.9	68.3	51.4	85.2	1081.9	10.5	-69.6	90.6
2007	95.9	70.6	62.0	79.3	1094.8	68.7	52.4	85.1	1061.0	11.6	-66.3	89.5
2008	97.1	71.1	63.0	79.1	1109.9	69.0	54.1	83.9	1047.0	12.3	-63.9	88.5
2009	96.8	70.3	61.3	79.3	1119.5	68.4	51.2	85.6	1031.9	11.7	-60.3	83.7
2010	94.3	68.0	59.9	76.1	1120.7	67.6	52.4	82.7	1010.9	11.5	-65.7	88.7
2011	88.6	63.7	55.4	71.9	1107.4	65.8	50.4	81.2	976.3	11.1	-62.7	85.0
2012	83.3	59.5	51.5	67.5	1096.7	64.0	47.2	80.9	959.9	10.2	-57.2	77.6
2013	80.0	56.9	50.1	63.6	1095.0	63.2	48.3	78.1	957.2	10.0	-63.0	82.9
2014	80.7	57.3	49.9	64.7	1110.4	63.8	46.7	80.9	971.1	10.1	-55.3	75.4

Web Appendix 56 contd

Year	Injury	Injury AA	Injury AA lower CI	Injury AA upper CI	Intent. injury	Intent. injury AA	Intent. injury AA lower CI	Intent. injury AA upper CI	Unintent. injury	Unintent. injury AA	Unintent. injury AA lower CI	Unintent. injury AA upper CI
1990	254.0	94.3	84.7	104.0	96.6	40.0	35.8	44.1	157.4	54.4	48.9	59.9
1991	247.9	92.5	82.5	102.5	96.7	40.1	35.7	44.5	151.3	52.4	46.9	58.0
1992	239.2	88.9	80.3	97.6	95.7	39.3	35.4	43.2	143.5	49.6	44.9	54.3
1993	233.4	86.9	79.3	94.5	94.4	38.8	35.3	42.3	139.0	48.1	44.0	52.2
1994	227.7	85.3	77.0	93.7	93.0	38.4	34.6	42.2	134.7	46.9	42.5	51.4
1995	227.1	86.1	78.5	93.7	92.9	38.7	35.2	42.2	134.2	47.4	43.3	51.5
1996	225.6	86.3	78.7	93.8	91.7	38.5	35.1	42.0	133.9	47.7	43.7	51.8
1997	221.6	85.9	76.4	95.4	89.5	38.0	33.6	42.4	132.2	47.8	42.7	53.0
1998	219.4	85.8	77.4	94.1	87.7	37.6	33.8	41.4	131.6	48.2	43.6	52.8
1999	216.4	85.0	77.4	92.6	85.3	36.7	33.4	40.0	131.1	48.3	44.1	52.5
2000	211.7	85.1	76.5	93.7	81.9	35.9	32.1	39.7	129.9	49.2	44.4	54.0
2001	210.0	85.8	78.5	93.2	79.2	35.3	32.1	38.4	130.8	50.6	46.3	54.8
2002	208.2	86.8	79.7	93.8	77.0	34.9	32.0	37.8	131.1	51.9	47.7	56.0
2003	206.8	87.3	80.8	93.8	75.2	34.5	31.8	37.2	131.7	52.8	49.0	56.6
2004	202.7	86.8	79.8	93.9	72.8	33.9	31.0	36.8	130.0	52.9	48.8	57.1
2005	201.6	86.7	80.0	93.4	71.8	33.6	30.8	36.3	129.8	53.1	49.2	57.1
2006	202.0	87.1	79.5	94.8	71.7	33.6	30.5	36.8	130.2	53.5	49.0	58.0
2007	201.7	87.5	80.5	94.4	71.6	33.7	30.9	36.5	130.0	53.7	49.6	57.9
2008	201.1	86.8	78.8	94.8	71.6	33.5	30.3	36.8	129.5	53.3	48.5	58.0
2009	198.6	84.3	78.3	90.3	71.2	32.8	30.4	35.3	127.4	51.5	47.9	55.1
2010	193.7	82.1	74.1	90.1	70.1	32.2	28.9	35.6	123.7	49.9	45.2	54.5
2011	185.8	78.4	70.9	85.8	67.9	31.1	28.0	34.3	117.9	47.2	42.9	51.6
2012	179.6	75.3	69.1	81.6	65.3	29.9	27.3	32.5	114.3	45.4	41.8	49.1
2013	175.8	73.6	68.2	79.1	63.7	29.1	26.9	31.4	112.1	44.5	41.3	47.6
2014	176.9	74.2	68.5	79.9	63.9	29.3	26.9	31.6	112.9	44.9	41.6	48.3

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 57. Standardized mortality from alcohol-attributable disease and injury categories for Uzbekistan, 1990–2014 (overall age-standardized rate and rate of alcohol-attributable causes of death per million)**

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	194.1	80.3	39.2	121.4	503.3	20.8	13.4	28.1	2528.7	58.9	−49.2	167.0
1993	212.7	91.2	43.6	138.8	503.2	21.8	13.0	30.6	2650.6	64.3	−58.0	186.6
1994	231.5	105.2	62.0	148.4	502.1	23.6	15.0	32.2	2772.4	72.7	−61.9	207.3
1995	249.0	118.8	66.2	171.4	501.2	25.1	16.1	34.2	2873.4	80.9	−49.2	211.0
1996	264.3	124.2	72.9	175.5	499.9	24.7	16.4	33.0	2951.0	81.3	−61.4	224.0
1997	273.7	126.3	64.7	188.0	497.1	24.0	15.2	32.8	3004.8	80.8	−65.0	226.6
1998	277.1	128.5	66.3	190.8	495.1	24.1	15.4	32.7	3041.3	82.3	−55.1	219.6
1999	280.1	128.9	67.2	190.6	493.9	23.7	14.3	33.1	3069.1	82.1	−60.0	224.2
2000	283.7	127.8	71.8	183.8	492.6	23.0	14.3	31.6	3103.3	81.1	−62.8	225.0
2001	288.5	128.8	77.4	180.2	492.0	22.6	15.0	30.3	3146.1	81.3	−64.8	227.3
2002	295.1	131.8	72.3	191.2	493.5	22.6	14.1	31.0	3202.9	82.9	−78.8	244.6
2003	302.5	135.8	67.4	204.1	497.8	22.8	13.8	31.9	3268.7	85.2	−76.4	246.9
2004	312.1	142.6	72.6	212.7	502.9	23.4	14.2	32.7	3341.0	89.3	−74.3	252.8
2005	320.6	149.9	78.8	221.0	510.1	24.3	15.5	33.1	3422.8	94.1	−69.0	257.3
2006	324.5	155.9	86.7	225.1	521.3	25.7	16.2	35.3	3492.3	99.3	−66.7	265.3
2007	327.9	161.8	93.4	230.3	531.8	27.2	17.5	37.0	3560.4	104.7	−65.5	274.9
2008	331.0	167.7	101.4	234.1	542.5	28.8	18.5	39.1	3625.1	110.3	−75.2	295.8
2009	333.8	173.3	109.6	237.0	553.8	30.4	19.6	41.2	3682.1	115.7	−88.4	319.9
2010	336.5	178.2	103.6	252.8	565.4	31.9	19.5	44.4	3725.6	120.4	−86.1	326.8
2011	338.8	181.4	102.4	260.4	576.9	33.4	19.7	47.2	3758.0	121.2	−84.5	326.9
2012	341.3	184.4	110.4	258.5	588.8	34.6	21.5	47.7	3782.2	123.1	−87.8	333.9
2013	344.7	187.5	114.0	261.0	601.8	35.9	23.0	48.7	3809.9	124.8	−84.9	334.5
2014	353.6	193.4	123.3	263.6	617.0	37.1	23.8	50.3	3881.8	128.2	−100.2	356.6



Web Appendix 57 contd

Year	Liver cirrhosis	Liver cirrhosis AA	Liver cirrhosis AA Lower CI	Liver cirrhosis AA Upper CI	Cancer	Cancer AA	Cancer AA Lower CI	Cancer AA Upper CI	CVD	CVD AA	CVD AA Lower CI	CVD AA Upper CI
1990	—	—	—	—	—	—	—	—	—	—	—	—
1991	—	—	—	—	—	—	—	—	—	—	—	—
1992	471.5	64.3	56.6	72.0	104.1	20.6	18.1	23.1	367.3	43.7	38.5	48.9
1993	477.9	65.4	56.6	74.2	106.9	21.2	18.4	24.1	371.0	44.2	38.2	50.1
1994	485.5	69.8	59.1	80.5	109.8	23.0	19.4	26.5	375.7	46.8	39.7	54.0
1995	493.8	72.5	62.4	82.6	112.6	24.0	20.7	27.4	381.2	48.4	41.7	55.2
1996	500.5	72.8	62.1	83.4	115.4	24.3	20.7	27.8	385.0	48.5	41.4	55.6
1997	500.5	72.9	62.2	83.7	116.0	24.3	20.7	27.9	384.5	48.6	41.5	55.8
1998	497.4	73.6	62.9	84.3	116.2	24.4	20.9	28.0	381.2	49.1	42.0	56.3
1999	493.5	73.6	60.6	86.7	116.3	24.3	20.0	28.6	377.2	49.4	40.6	58.1
2000	490.4	73.3	62.4	84.2	116.6	24.0	20.4	27.5	373.8	49.3	42.0	56.6
2001	487.8	73.3	58.1	88.6	116.1	23.7	18.7	28.6	371.7	49.7	39.3	60.0
2002	485.8	73.7	65.0	82.5	114.9	23.4	20.6	26.2	370.9	50.4	44.4	56.3
2003	485.2	74.7	64.8	84.6	113.3	23.1	20.0	26.1	371.9	51.6	44.8	58.5
2004	487.2	76.5	64.6	88.4	113.9	23.4	19.7	27.0	373.3	53.2	44.9	61.4
2005	493.0	79.5	68.4	90.6	115.6	24.1	20.7	27.5	377.4	55.4	47.7	63.1
2006	498.8	82.8	68.7	96.9	117.3	25.0	20.7	29.2	381.5	57.8	48.0	67.7
2007	502.6	85.8	72.3	99.3	118.9	25.8	21.8	29.9	383.7	60.0	50.6	69.4
2008	506.9	89.1	72.8	105.4	121.4	27.0	22.1	31.9	385.5	62.1	50.8	73.5
2009	512.1	92.3	74.3	110.4	123.7	28.1	22.6	33.6	388.4	64.2	51.7	76.8
2010	514.6	95.0	78.2	111.7	125.5	29.0	23.9	34.1	389.1	65.9	54.3	77.6
2011	518.5	97.2	81.4	113.0	127.4	29.8	25.0	34.7	391.1	67.4	56.4	78.3
2012	521.7	98.9	86.0	111.9	129.0	30.5	26.5	34.4	392.6	68.5	59.5	77.4
2013	524.7	100.6	87.1	114.1	130.5	31.0	26.9	35.2	394.2	69.6	60.2	78.9
2014	534.1	102.8	87.5	118.1	132.7	31.6	26.9	36.3	401.3	71.2	60.6	81.7

AA: alcohol-attributable; CI: confidence interval; CVD: cardiovascular diseases; intent.: intentional; unintent.: unintentional.

**Web Appendix 58: Age-standardized alcohol-attributable mortality for major causes of death, 2014, in the WHO European Region and selected subregions (rate per million)**

<b>Cause of death</b>	<b>WHO European Region</b>	<b>EU</b>	<b>Eastern WHO European Region</b>	<b>Central-eastern EU</b>	<b>South-eastern WHO European Region</b>	<b>Mediterranean</b>	<b>Central-western EU</b>
<b>Liver cirrhosis</b>	85.51	73.77	116.56	131.25	95.74	46.14	64.91
<b>Cancer</b>	67.07	68.38	81.68	90.60	32.69	52.73	64.47
<b>CVD</b>	188.46	26.51	766.28	64.85	84.61	23.52	9.73
<b>Injury</b>	186.44	107.51	459.73	160.56	83.67	74.94	99.87
<b>Intentional injury</b>	83.89	42.84	227.34	63.35	32.08	26.12	44.77
<b>Unintentional injury</b>	102.55	64.66	232.39	97.22	51.59	48.82	55.10

**Web Appendix 59: Age-standardized alcohol-attributable mortality for major causes of death, 1990, in the WHO European Region and selected subregions (rate per million)**

<b>Cause of death</b>	<b>WHO European Region</b>	<b>EU</b>	<b>Eastern WHO European Region</b>	<b>Central-eastern EU</b>	<b>South-eastern WHO European Region</b>	<b>Mediterranean</b>	<b>Central-western EU</b>
<b>Liver cirrhosis</b>	68.45	87.50	37.11	128.30	35.25	74.01	80.95
<b>Cancer</b>	66.10	71.96	71.06	81.69	20.67	59.54	69.88
<b>CVD</b>	145.22	28.47	564.50	86.79	45.43	28.64	4.44
<b>Injury</b>	229.00	162.28	492.65	229.33	78.83	109.27	159.23
<b>Intentional injury</b>	88.76	56.70	208.31	74.81	26.34	32.98	64.20
<b>Unintentional injury</b>	140.25	105.58	284.34	154.52	52.50	76.29	95.03

**Web Appendix 60. Data sources for surveys regarding lifetime abstainer, former drinker and current drinker drinking statuses**

<b>Country</b>	<b>Sources</b>
<b>Albania</b>	Institute of Statistics et al. (3)
<b>Armenia</b>	Pomerleau et al. (4)
<b>Austria</b>	TNS Opinion & Social (5)
<b>Azerbaijan</b>	Imputed using a regression (see (2))
<b>Belarus</b>	Pomerleau et al. (4); National Statistical Committee of the Republic of Belarus & United Nations Children's Fund (UNICEF) (6)
<b>Belgium</b>	Gisle (7); Commission of the European Communities (8)
<b>Bosnia and Herzegovina</b>	The Agency for Statistics of Bosnia and Herzegovina et al. (9)
<b>Bulgaria</b>	Vassilevsky et al. (10)
<b>Croatia</b>	Tkalić et al. (11)
<b>Cyprus</b>	Stylianou (12)
<b>Czech Republic</b>	Wilsnack et al. (13); Gender, alcohol and culture: an international study (GENACIS) (14)
<b>Denmark</b>	Commission of the European Communities (8); Wilsnack et al. (13); Christensen et al. (15)
<b>Estonia</b>	Tekkel & Veideman (16)
<b>Finland</b>	Wilsnack et al. (13); GENACIS (14); Koskinen et al. (17)
<b>France</b>	Commission of the European Communities (8); Guilbert et al. (18)
<b>Georgia</b>	Pomerleau et al. (4); Üstün et al. (19); Üstün et al. (20); National Centre for Disease Control and Public Health [Georgia] (21)
<b>Germany</b>	Commission of the European Communities (8); Augustin & Kraus (22); Herbst et al. (23); Kraus & Augustin (24); Kraus & Bauernfeind (25); Pabst & Kraus (26); Pabst et al. (27); Pabst et al. (28); Gomes de Matos et al., Substanzkonsum in der Allgemeinbevölkerung: Ergebnisse des Suchtsurveys 2015 [Substance use in the general population: Results of the 2015 Epidemiological Survey of Substance Abuse], unpublished data
<b>Greece</b>	Commission of the European Communities (8); TNS Opinion & Social (29); Ntouros et al. (30)
<b>Hungary</b>	Wilsnack et al. (13)
<b>Iceland</b>	TNS Opinion & Social (5); Wilsnack et al. (13)
<b>Ireland</b>	Commission of the European Communities (8); Wilsnack et al. (13); Long & Mongan (31)
<b>Israel</b>	Wilsnack et al. (13); Bar-Hamburger et al. (32); Central Bureau of Statistics (Israel) (33)
<b>Italy</b>	Analyses of the Multipurpose Household Surveys, 1993–2014 (compiled by Drs Scafato and Ghirini, Istituto Superiore di Sanità); Commission of the European Communities (8)
<b>Kazakhstan</b>	Pomerleau et al. (4); Wilsnack et al. (13)

## Web Appendix 60 contd

<b>Country</b>	<b>Sources</b>
<b>Kyrgyzstan</b>	Pomerleau et al. (4)
<b>Latvia</b>	Snikere et al. (34); TNS Opinion & Social (35)
<b>Lithuania</b>	TNS Opinion & Social (35)
<b>Luxembourg</b>	TNS Opinion & Social (5); Commission of the European Communities (8)
<b>Malta</b>	TNS Opinion & Social (35)
<b>Montenegro</b>	Đurišić et al. (36)
<b>Netherlands</b>	Commission of the European Communities (8); Wilsnack et al. (13)
<b>Norway</b>	Wilsnack et al. (13)
<b>Poland</b>	TNS Opinion & Social (5); Manwell et al. (37); The State Agency for Prevention of Alcohol-Related Problems (38)
<b>Portugal</b>	TNS Opinion & Social (5); Commission of the European Communities (8); Marques-Vidal & Dias (39)
<b>Republic of Moldova</b>	Pomerleau et al. (4); Magenta Consulting (40)
<b>Romania</b>	European Monitoring Centre for Drugs and Drug Addiction & National Anti-drug Agency (41)
<b>Russian Federation</b>	Author analyses of The Russia Longitudinal Monitoring Survey-Higher School of Economics (RLMS-HSE) Phase II (Kozyreva et al. (42))
<b>Serbia</b>	Batut (43)
<b>Slovakia</b>	Gerhardtová (44)
<b>Slovenia</b>	Inštitut za varovanje zdravja Republike Slovenije [National Institute of Public Health Republic of Slovenia] (45)
<b>Spain</b>	Commission of the European Communities (8)
<b>Sweden</b>	Wilsnack et al. (13); WHO (46)
<b>Switzerland</b>	Wilsnack et al. (13); Gmel et al. (47); Schweizerische Eidgenossenschaft et al. (48)
<b>Tajikistan</b>	Imputed using a regression (see WHO (2))
<b>The former Yugoslav Republic of Macedonia</b>	For men: imputed using a regression (see WHO (2))
<b>Turkey</b>	Üstün et al. (19); Üstün et al. (20)
<b>Turkmenistan</b>	Imputed using a regression (see WHO (2))
<b>Ukraine</b>	Pomerleau et al. (4)
<b>United Kingdom</b>	Commission of the European Communities (8); analyses of the General Household Surveys (Dr Robin Pursehouse, Sheffield University)
<b>Uzbekistan</b>	Imputed using a regression (see WHO (2))

**Web Appendix 61. Data sources for surveys regarding heavy episodic drinking statuses**

<b>Country</b>	<b>Sources</b>
Albania	Burazeri & Kark (49)
Armenia	Imputed using a regression (see WHO (2))
Austria	Uhl et al. (50)
Azerbaijan	Imputed using a regression (see WHO (2))
Belarus	Imputed using a regression (see WHO (2))
Belgium	Gisle (7)
Bosnia and Herzegovina	Üstün et al. (19); Üstün et al. (20)
Bulgaria	National Statistical Institute (Republic of Bulgaria] (51)
Croatia	Tkalić et al. (11)
Cyprus	TNS Opinion & Social (5)
Czech Republic	TNS Opinion & Social (5); GENACIS (14)
Denmark	Christensen et al. (15); European Opinion Research Group (52); Kristiansen et al. (53)
Estonia	TNS Opinion & Social (5); Tekkel & Veideman (16)
Finland	Wilsnack et al. (13); Koskinen et al. (17)
France	TNS Opinion & Social (5)
Georgia	Üstün et al. (19); Üstün et al. (20); National Centre for Disease Control and Public Health (Georgia) (21)
Germany	TNS Opinion & Social (5) <sup>5</sup>
Greece	Ntouros et al. (30)
Hungary	TNS Opinion & Social (5); GENACIS (14)
Iceland	Wilsnack et al. (13)
Ireland	Long & Mongan (31)
Israel	Wilsnack et al. (13)
Italy	TNS Opinion & Social (5)
Kazakhstan	GENACIS (14)
Kyrgyzstan	Imputed using a regression (see WHO (2))
Latvia	TNS Opinion & Social (35)
Lithuania	TNS Opinion & Social (5)
Luxembourg	TNS Opinion & Social (5)
Malta	TNS Opinion & Social (5)
Montenegro	Đurišić et al. (36)
Netherlands	TNS Opinion & Social (5)
Norway	Pedersen & von Soest (54)
Poland	TNS Opinion & Social (5)
Portugal	TNS Opinion & Social (5)
Republic of Moldova	Imputed using a regression (see WHO (2))
Romania	TNS Opinion & Social (5)
Russian Federation	Perlman (55)
Serbia	Kilibarda et al. (56)
Slovakia	TNS Opinion & Social (5)

**Web Appendix 61 contd**

<b>Country</b>	<b>Sources</b>
<b>Slovenia</b>	TNS Opinion & Social (5)
<b>Spain</b>	TNS Opinion & Social (5)
<b>Sweden</b>	WHO (46); Ramstedt et al. (57)
<b>Switzerland</b>	Gmel et al. (47); Schweizerische Eidgenossenschaft et al. (48)
<b>Tajikistan</b>	Imputed using a regression (see WHO (2))
<b>The former Yugoslav Republic of Macedonia</b>	For men, imputed using a regression (see WHO (2))
<b>Turkey</b>	Üstün et al. (19); Üstün et al. (20)
<b>Turkmenistan</b>	Imputed using a regression (see WHO (2))
<b>Ukraine</b>	Üstün et al. (20)
<b>United Kingdom</b>	TNS Opinion & Social (5)
<b>Uzbekistan</b>	Imputed using a regression (see WHO (2))

## References

1. Global Information System on Alcohol and Health [online database]. Geneva: World Health Organization; 2016 (<http://apps.who.int/gho/data/node.main.A1022?lang=en&showonly=GISAH>, accessed 22 May 2016).
2. Global status report on alcohol and health. Geneva: World Health Organization; 2014 ([http://apps.who.int/iris/bitstream/10665/112736/1/9789240692763\\_eng.pdf](http://apps.who.int/iris/bitstream/10665/112736/1/9789240692763_eng.pdf), accessed 6 July 2016).
3. Institute of Statistics, Institute of Public Health, ICF Macro. Albania Demographic and Health Survey 2008–09. Tirana: Institute of Statistics; 2010.
4. Pomerleau J, McKee M, Rose R, Haerpfer CW, Rotman D, Tumanov S. Drinking in the Commonwealth of Independent States--evidence from eight countries. *Addiction*. 2005;100:1647–68.
5. EU citizens' attitudes towards alcohol. Brussels: TNS Opinion & Social; 2010 (Special Eurobarometer 331; [http://ec.europa.eu/health/alcohol/docs/ebs\\_331\\_en.pdf](http://ec.europa.eu/health/alcohol/docs/ebs_331_en.pdf), accessed 29 September 2016).
6. National Statistical Committee of the Republic of Belarus, United Nations Children's Fund (UNICEF). Belarus Multiple Indicator Cluster Survey 2012. New York: United Nations Children's Fund (UNICEF); 2013.
7. Gisle L. La consommation d'alcool. Enquête de Santé 2013, Rapport 2: Comportements de Santé et Style de vie [Alcohol consumption. Health Survey 2013, Report 2: Health behaviors and lifestyle]. Brussels: The Scientific Institute of Public Health (WIV-ISP); 2014 ([https://his.wiv-isp.be/fr/Documents%20partages/AL\\_FR\\_2013.pdf](https://his.wiv-isp.be/fr/Documents%20partages/AL_FR_2013.pdf), accessed 29 September 2016).
8. Commission of the European Communities. Europeans and cancer prevention: Behaviour linked with cancer, Attention paid to the cancer risk, Awareness of the European Programme and Code against cancer. Brussels: Europe against cancer; 1989 (<http://aei.pitt.edu/13338/1/13338.pdf>, accessed 29 September 2016).
9. The Agency for Statistics of Bosnia and Herzegovina, the Federal Ministry of Health, the Ministry of Health and Social Welfare of the Republic of Srpska, the Institute for Public Health of the Federation of Bosnia and Herzegovina. Bosnia and Herzegovina Multiple Indicator Cluster Survey (MICS) 2011–2012, Final Report. Sarajevo: UNICEF; 2013.
10. Vassilevsky N, Ivanov L, Tsoleva G, Dimitrov P. National behavioral risk factor survey among population aged 25–64, 2007. *Bulgarian Journal of Public Health*. 2009;1:1–42.
11. Tkalić G, Miletić GM, Maričić J, Wertag A. Substance abuse among the general population in the Republic of Croatia. Zagreb: Institute of Social Sciences Ivo Pilar, Government of the Republic of Croatia; 2012.
12. Stylianou S. Παγκύπρια επισκόπηση γενικού πληθυσμού για το κάπνισμα, το αλκοόλ, και άλλες ψυχοδραστικές ουσίες - τελική αναφορά [A general overview for population smoking, alcohol, and other psychoactive substances]. Nicosia: University of Nicosia; 2010.
13. Wilsnack RW, Wilsnack SC, Kristjanson AF, Vogeltanz-Holm ND, Gmel G. Gender and alcohol consumption: patterns from the multinational GENACIS project. *Addiction*. 2009;104:1487–500.
14. Gender, alcohol and culture: an international study (GENACIS). The International GENACIS Project. Lausanne: GENACIS; 2014.
15. Christensen AI, Davidsen M, Ekholm P, Pedersen PV, Juel K. Danskernes sundhed – Den nationale sundhedsprofil 2013 [The Danes' health – The national health profile]. Copenhagen: Sundhedsstyrelsens publikationer, Rosendahls Distribution; 2014.
16. Tekkel M, Veideman T. Health behavior among Estonian adult population, 2014. Tallinn: Tallinn National Institute for Health Development; 2015.
17. Koskinen S, Lundqvist A, Ristiluoma N. Terveys, toimintakyky ja hyvinvointi Suomessa 2011 [Health, functional capacity and wellbeing in Finland]. Tampere: Juvenes Print - Suomen Yliopistopaino Oy; 2012.



18. Guilbert P, Baudier F, Gautier A, editors. Baromètre santé 2000 [Health barometer 2000]. Vanves: Comité français d'éducation pour la santé; 2001.
19. Üstün TB, Chatterji S, Mechbal A, Murray CJL, WHS Collaborating Groups. The World Health Surveys. In: Murray CJL, Evans D, editors. Health systems performance assessment: debates, methods, and empiricism. Geneva: World Health Organization; 2003:797–808.
20. Üstün TB, Chatterji S, Villanueva M, Bendib L, Çelik C, Sadana R et al. WHO Multi-country Survey Study on Health and Health System Responsiveness 2000–2001. In: Murray CJL, Evans DB, editors. Health systems performance assessment: Debates, methods and empiricism. Geneva: World Health Organization; 2003:761–796.
21. National Centre for Disease Control and Public Health [Georgia]. არაგადამდებ დაავადებათა რისკის ფაქტორების კვლევა [Non-communicable Disease Risk Factor Survey]. Tbilisi: National Centre for Disease Control and Public Health; 2011 ([http://www.who.int/chp/steps/2012\\_GeorgiaSTEPS\\_Report.pdf](http://www.who.int/chp/steps/2012_GeorgiaSTEPS_Report.pdf), accessed 27 September 2016).
22. Augustin R, Kraus L. Alkoholkonsum, alkoholbezogene Probleme und Trends. Ergebnisse des Epidemiologischen Suchtsurvey 2003 [Alcohol use, alcohol-related problems and trends. Results of the 2003 Epidemiological Survey of Substance Abuse]. Sucht 51. 2005; Sonderheft 1:S29–39.
23. Herbst K, Kraus L, Scherer K. Repräsentativerhebung zum Gebrauch psychoaktiver Substanzen bei Erwachsenen in Deutschland. Schriftliche Erhebung 1995 [1995 Epidemiological Survey of Substance Abuse in Germany]. Bonn: Bundesministerium für Gesundheit; 1996.
24. Kraus L, Augustin R. Repräsentativerhebung zum Gebrauch psychoaktiver Substanzen bei Erwachsenen in Deutschland 2000 [2000 Epidemiological Survey of Substance Abuse in Germany]. Sucht. 2001;47:S3–86.
25. Kraus L, Bauernfeind R. Repräsentativerhebung zum Konsum psychoaktiver Substanzen bei Erwachsenen in Deutschland 1997 [1997 Epidemiological Survey of Substance Abuse in Germany]. Sucht. 1998;44:S3–82.
26. Pabst A, Kraus L. Alkoholkonsum, alkoholbezogene Störungen und Trends. Ergebnisse des Epidemiologischen Suchtsurveys 2006 [Alcohol consumption, alcohol-related disorders and trends. Results of the epidemiological survey on addiction in 2006]. Sucht. 2008;54:S36–46.
27. Pabst A, Kraus L, Gomes de Matos E, Piontek D. Substanzkonsum und substanzbezogene Störungen in Deutschland im Jahr 2012 [Substance use and substance-related disorders in Germany in 2012]. Sucht. 2013;59:321–31.
28. Pabst A, Piontek D, Kraus L, Müller S. Substanzkonsum und substanzbezogene Störungen. Ergebnisse des Epidemiologischen Suchtsurveys 2009 [Substance use and substance-related disorders. Results of the epidemiological survey on addiction in 2009]. Sucht. 2010;56:336.
29. Attitudes towards alcohol. Brussels: TNS Opinion & Social; 2007 (Special Eurobarometer 272b; [http://ec.europa.eu/public\\_opinion/archives/ebs/ebs\\_272b\\_en.pdf](http://ec.europa.eu/public_opinion/archives/ebs/ebs_272b_en.pdf), accessed 29 September 2016).
30. Ntouros G, Maria C, Chrysanthi V, Nikolaidis G. National Health interview Survey 2009. Piraeus: Hellenic Statistical Authority; 2011.
31. Long J, Mongan D. Alcohol consumption in Ireland 2013: analysis of a national alcohol diary survey. Dublin: Health Research Board; 2014.
32. Bar-Hamburger R, Ezrahi Y, Rosiner I, Nirel R. Illegal use of drugs and alcohol in Israel 2009. Seventh national epidemiological survey. Executive summary and tables. Jerusalem: Israel Anti-Drug Authority (IADA); 2009.
33. National Health Survey 2003/2004 – selected findings. Jerusalem: Central Bureau of Statistics (Israel); 2006.
34. Snikere S, Trapencieris M, Koroleva I, Mierina I, Priekule S, Aleksandrovs A et al. Atkari bu izraisoso vielu lietosana iedzi vota ju vidu 2011. Analitisks parskats. [Substance use among the population in 2011. Analytic report]. Riga: Slimību profilakses un kontroles centrs; 2011.

35. Public health attitudes, behavior and prevention. Brussels: TNS Opinion & Social; 2009 (Eurobarometer 72.3).
36. Đurišić T, Mugoša B, Golubović L, Strahinja R, Beatović V. Pilot general population survey on substance use in Montenegro. Lisbon: European Monitoring Centre for Drugs and Drug Addiction; 2014.
37. Manwell LB, Ignaczak M, Czabala JC. Prevalence of tobacco and alcohol use disorders in Polish primary care settings. *Eur J Public Health*. 2002;12:139–44.
38. Alcohol and society. Attitudes and behaviours to alcohol and alcohol problems. Warsaw: The State Agency for the Prevention of Alcohol-Related Problems; 2002.
39. Marques-Vidal P, Dias CM. Trends and determinants of alcohol consumption in Portugal: results from the national health surveys 1995 to 1996 and 1998 to 1999. *Alcohol Clin Exp Res*. 2005;29:89–97.
40. KAP study, baseline survey: alcohol consumption. Chişinău: Magenta Consulting; 2012.
41. European Monitoring Centre for Drugs and Drug Addiction, National Anti-drug Agency. 2011 national report (2010 data) to the EMCDDA by the Reitox national focal point: Romania. Bucharest: Ministry of Administration and Interior, National Anti-drug Agency, Romanian Monitoring Centre for Drugs and Drug Addiction; 2012.
42. Kozyreva P, Kosolapov M, Popkin BM. Data Resource Profile: The Russia Longitudinal Monitoring Survey-Higher School of Economics (RLMS-HSE) Phase II: Monitoring the Economic and Health Situation in Russia, 1994–2013. *Int J Epidemiol*. 2016;45:395–401.
43. Batut MJ. Health of Population of Serbia: Analytical study 1997–2007. Belgrade: Institute of Public Health of Serbia; 2009.
44. Gerhardtová A. The European Health Interview Survey (EHIS) 2009. Bratislava: Statistical Office of the Slovak Republic; 2011.
45. Rezultati raziskave Dejavniki tveganja za nenalezljive bolezni pri odraslih prebivalcih Slovenije 2008 – Z zdravjem povezan vedenjski slog [The survey results. Risk factors for noncommunicable diseases in the adult population of Slovenia 2008 – Health-related behavioral style]. Ljubljana: Inštitut za varovanje zdravja Republike Slovenije [National Institute of Public Health Republic of Slovenia]; 2010.
46. The Swedish Survey of Living Conditions 2003. Geneva: World Health Organization; 2016.
47. Gmel G, Kuendig H, Notari L, Gmel C. Suchtmonitoring Schweiz - Konsum von Alkohol, Tabak und illegalen Drogen in der Schweiz im Jahr 2013 [Addiction monitoring Switzerland – Consumption of alcohol, tobacco and illicit drugs in Switzerland in 2013]. Lausanne: Sucht Schweiz; 2014.
48. Schweizerische Eidgenossenschaft, Federal Department of Home Affairs, Federal Statistical Office. Swiss Health Survey 2012: Overview. Neuchâtel: Schweizerische Eidgenossenschaft; 2013.
49. Burazeri G, Kark JD. Prevalence and determinants of binge drinking in middle age in a transitional post communist country: a population-based study in Tirana, Albania. *Alcohol Alcohol*. 2010;45:180–7.
50. Uhl A, Bachmayer S, Puhm A, Strizek J, Kobrna U, Musalek M. Handbuch: Alkohol - Österreich: Band 1: Statistiken und Berechnungsgrundlagen 2011 [Handbook: Alcohol – Austria: Volume 1: Statistics and calculation bases 2011]. 4th edition. Wien: Bundesministerium für Gesundheit; 2011.
51. European Health Interview Survey - consumption of alcohol (percentage of people who drunk alcohol the past 12 months) by sex. Sofia: National Statistical Institute (Republic of Bulgaria); 2010.
52. Health, food and alcohol and safety. Brussels: European Opinion Research Group EEIG; 2003 (Special Eurobarometer 186/Wave 59.0).
53. Kristiansen L, Ekholm O, Grønbaek M, Tolstrup J. Danskernes alkoholvaner [Drinking in Denmark]. København, Denmark: Sundhedsstyrelsen, 2008.
54. Pedersen W, von Soest T. Socialization to binge drinking: a population-based, longitudinal study with emphasis on parental influences. *Drug Alcohol Depend*. 2013;133:587–92.
55. Perlman FJ. Drinking in transition: trends in alcohol consumption in Russia 1994–2004. *BMC Public Health*. 2010;10:691.

56. Kilibarda B, Mravcik V, Sieroslowski J, Gudelj Rakić J, Martens MS. National survey on life styles of citizens in Serbia 2014 —Key findings on substance use and gambling. Belgrade: Institute of Public Health of Serbia; 2014.
57. Ramstedt M, Boman U, Engdahl B, Sohlberg T, Svensson J. Tal om alkohol 2010 - en statistisk årsrapport från Monitorprojektet [Talk about/Figures of alcohol 2010 - a statistical annual report from the Monitor Project]. Stockholm: University of Stockholm; 2010.

## The WHO Regional Office for Europe

The World Health Organization (WHO) is a specialized agency of the United Nations created in 1948 with the primary responsibility for international health matters and public health. The WHO Regional Office for Europe is one of six regional offices throughout the world, each with its own programme geared to the particular health conditions of the countries it serves.

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