

APPENDIX

The Global Impact of Alcohol Consumption on Premature Mortality and Health in 2016

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Supplemental Methods

Statistical analysis code and input files

All statistical code (i.e., R code) and input files used to produce the results presented in this paper are available to the general public. To obtain the code and input files, please contact the corresponding author, Kevin Shield Ph.D. (Kevin.Shield@camh.ca).

The methods summarized in this section are based on the article [1].

Estimating the number of deaths among drivers resulting from motor vehicle accidents

Formula A1 was used to estimate road injury deaths involving the driver and those involving others. This formula estimates the number of deaths (D) among drivers (d) based on the fraction (F) of injury events occurring among drivers by sex (indexed by i) and age (indexed by p). Fractions of injury events which occurred to the driver and people other than the driver were obtained from the World Health Organization (WHO) road traffic deaths database [2]. For countries where data were not available, fractions of injuries were imputed based on global burden of disease regional averages. Formula A1 assumes that all road injuries to drivers occurred among people aged 15 years or older. The road injury years of life lost (YLL), years lived with disability (YLD), and disability adjusted life years (DALYs) lost among drivers, were based on the fraction of deaths among drivers compared to all road deaths (by age and sex).

Formula A1

$$Dd_{p,i} = \frac{F_i \cdot F_p \cdot \sum_{p=1}^{pn} \sum_{i=1}^{in} D_{p,i}}{D_{p,i}}$$

Modelling alcohol consumption among current drinkers

Alcohol use (measured in grams per day) was modelled based on (i) the prevalence of current drinkers (i.e., past year drinkers), former drinkers, and lifetime abstainers (ii) the average volume of alcohol consumption among current drinkers, and (iii) the prevalence of heavy episodic drinking (HED; defined as drinking 60 grams or more of pure alcohol on one occasion) among current drinkers. Data on alcohol consumption (drinking status and adult per capita consumption (APC)) and HED were obtained from the study by Manthey *et al.*, [3]. Data on drinking status and HED were obtained by year, age group (15–19, 20–24, 25–34, 35–49, 50–64, and 65 years of age and older), and sex.

Alcohol consumed by current drinkers was adjusted using a correction factor of 0.8 to account for (i) alcohol that was not consumed, and (ii) the underreporting of alcohol use in medical observation studies from which the relative risk (RR) estimates used in this study were obtained [4].

Average daily alcohol consumption among current drinkers was modelled using a Gamma distribution [9][10]. This method models standard deviation (σ) of the Gamma distribution of alcohol consumption based on mean (μ) consumption of alcohol by sex (see Formula A2) [9,10]. The coefficient of sex is 1 for women and 0 for men in Formula A2.

Formula A2

$$\hat{\sigma}_{shifted} = (1 \cdot 171 + 0.087 * sex) * \hat{\mu}_{shifted}$$

Modelling population attributable fractions

The Population Attributable Fraction (PAF) for alcohol related conditions (except for ischaemic diseases, injuries, 100% attributable to alcohol and injuries) were estimated using formula A3. Formula A3 is based on the prevalence of lifetime abstainers (P_A), former drinkers (P_{FD}) and current drinkers (P_{CD}) and corresponding relative risk (RR) estimates.

Formula A3

$$PAF = \frac{P_A + P_{FD}RR_{FD} + \int_{>0}^{150} P_{CD}(x)RR_{CD}(x)dx - 1}{P_A + P_{FD}RR_{FD} + \int_{>0}^{150} P_{CD}(x)RR_{CD}(x)dx}$$

Estimating the population-attributable fractions for ischaemic stroke, ischaemic heart disease and injuries

The PAF for ischaemic stroke and ischaemic heart disease were estimated based on Formulas A4 and A5. These formulae are based on the P_{FD} and P_{CD} combined with the corresponding RRs. Formula A5 accounts for the patterns of alcohol consumption (i.e., the prevalences of current drinkers who HEDs (P_{HED}) and are not HED (P_{NHED})).

Formula A4

$$PAF = \frac{P_{FD}(RR_{FD} - 1) + P_{CD}(RR_{CD} - 1)}{P_{FD}(RR_{FD} - 1) + P_{CD}(RR_{CD} - 1) + 1}$$

Formula A5

$$P_{CD}(RR_{CD} - 1) = \int_{>0}^{60} P_{NHED}(x)RR_{NHED}(x)dx + \int_{>0}^{60} P_{HED}(x)RR_{HED}(x)dx + \int_{60}^{150} P_{HED}(x)RR_{HED}(x)dx - P_{CD}$$

Estimating the population-attributable fraction for road injuries sustained by people other than the driver

The PAFs for road injuries to people other than the driver (nd) were estimated in accordance with Formula A6. This formula is based on the country-, sex- (indexed by p), and age- (indexed by i) specific deaths (D) and PAFs for road injuries affecting the driver. This method assumes that number of road injuries to non-drivers involving an intoxicated driver are equal to injuries involving a non-intoxicated driver. This method does not account for non-intoxicated drivers killed or injured by intoxicated drivers.

Formula A6

$$PAF_{nd} = \frac{\sum_{p=1}^{pn} \sum_{i=1}^{in} D_{p,i} \cdot PAF_{p,i}}{\sum_{p=1}^{pn} \sum_{i=1}^{in} D_{p,i}}$$

Table A1. Alcohol related diseases conditions and injury and the methods used to estimate the alcohol-attributable burden

Cause 2015	GHE 2015 cause category	ICD-10 coding	Method for estimating the alcohol-attributable burden	RR source	Causality
10	I. Communicable, maternal, perinatal and nutritional conditions	A00–B99, D50–53, D64.9, E00–02, E40–46, E50–64, G00–04, G14, H65–66, J00–22, N70–73, O00–99, P00–96, U04			
20	A. Infectious and parasitic diseases	A00–B99, G00–04, G14, N70–73, P37.3, P37.4			
30	1 Tuberculosis	A15–19, B90	Levin's PAF method	[11]	[12]
100	3 HIV/AIDS	B20–24	Levin's PAF methodology	[13]	[13,14]
380	B. Respiratory infections	H65–66, J00–22, P23, U04			
390	1 Lower respiratory infections	J09–22, P23, U04	Levin's PAF methodology	[15]	[15-17]
600	II. Noncommunicable diseases	C00–97, D00–48, D55–64 (minus D64.9), D65–89, E03–07, E10–34, E65–88, F01–99, G06–98 (minus G14), H00–61, H68–93, I00–99, J30–98, K00–92, L00–98, M00–99, N00–64, N75–98, Q00–99, X41–42, X44, X45, R95			
610	A. Malignant neoplasms	C00–97			
620	1 Mouth and oropharynx cancers	C00–14			
621	a. Lip and oral cavity	C00–08	Levin's PAF methodology	[18,19]	[20,21]
623	c. other pharyngeal cancers	C09–10, C12–14	Levin's PAF methodology	[18,19]	[20,21]
630	2 Oesophagus cancer	C15	Levin's PAF methodology	[18,19]	[20,21]
650	4 Colon and rectum cancers	C18–21	Levin's PAF methodology	[18,22]	[20,21]
660	5 Liver cancer	C22	Levin's PAF methodology	[23,24]	[20,21]
700	9 Breast cancer	C50	Levin's PAF methodology	[18]	[20,21]
753	19 Larynx cancer	C32	Levin's PAF methodology	[18,19]	[20,21]
800	C. Diabetes mellitus	E10–14 (minus E10.2–10.29, E11.2–11.29, E12.2, E13.2–13.29, E14.2)	Levin's PAF methodology	[25,26]	[25,26]
820	E. Mental and substance use disorders	F04–99, G72.1, Q86.0, X41–42, X44, X45			
860	4 Alcohol use disorders	F10, G72.1, Q86.0, X45	100% alcohol attributable (alcohol is a necessary cause)	-	-
940	F. Neurological conditions	F01–03, G06–98 (minus G14, G72.1)			
970	3 Epilepsy	G40–41	Levin's PAF methodology	[27]	[28-30]
1100	H. Cardiovascular diseases	I00–99			
1120	2 Hypertensive heart disease	I10–15	Levin's PAF methodology	[31]	[32,33]
1130	3 Ischaemic heart disease	I20–25	Levin PAF methodology	[34] based on [35,36]	[37-39]
1140	4 Stroke	I60–69			
1141	a. Ischaemic stroke	G45–46.8, I63–63.9, I65–66.9, I67.2–67.848, I69.3–69.4	Levin PAF methodology	[34] based on [40]	[39,41,42]
1142	b. Intracerebral haemorrhage	I60–62.9, I67.0–67.1, I69.0–69.298	Levin PAF methodology	[43]	[39,41,42]

Cause 2015	GHE 2015 cause category		ICD-10 coding	Method for estimating the alcohol-attributable burden	RR source	Causality
1150		5 Cardiomyopathy, myocarditis, endocarditis	I30–33, I38, I40, I42	Regression based estimates	-	-
1210	J.	Digestive diseases	K20–92	Levin PAF methodology	[31]	[44]
1230		2 Cirrhosis of the liver	K70, K74			
1248		8 Pancreatitis	K85–86	Levin PAF methodology	[44–48]	[49]
1510	III.	Injuries	V01–Y89 (minus X41–42, X44, X45)	Levin PAF methodology	[31]	[50]
1520	A.	Unintentional injuries	V01–X40, X43, X46–59, Y40–86, Y88, Y89			
1530		1 Road injury	V01–04, V06, V09–80, V87, V89, V99*			
1540		2 Poisonings	X40, X43, X46–48, X49			
1550		3 Falls	W00–19			
1560		4 Fire, heat and hot substances	X00–19			
1570		5 Drowning	W65–74			
1575		6 Exposure to mechanical forces	W20–38, W40–43, W45, W46, W49–52, W75, W76			
1590		8 Other unintentional injuries	Rest of V, W39, W44, W53–64, W77–99, X20–29, X50–59, Y40–86, Y88, Y89			
1600	B.	Intentional injuries	X60–Y09, Y35–36, Y870, Y871			
1610		1 Self-harm	X60–84, Y870	Levin PAF methodology	[31]	[50]
1620		2 Interpersonal violence	X85–Y09, Y871	Levin PAF methodology	[31]	[50]

* Three digit ICD-10 codes include: V01.1-9, V02.1-9, V03.1-9, V04.1-9, V06.1-9, V09.2, V09.3, V10.3-9, V11.3-9, V12.3-9, V13.3-9, V14.3-9, V15.4-9, V16.4-9, V17.4-9, V18.4-9, V19.4-9, V20.3-9, V21.3-9, V22.3-9, V23.3-9, V24.3-9, V25.3-9, V26.3-9, V27.3-9, V28.3-9, V29.4-9, V30.4-9, V31.4-9, V32.4-9, V33.4-9, V34.4-9, V35.4-9, V36.4-9, V37.4-9, V38.4-9, V39.4-9, V40.4-9, V41.4-9, V42.4-9, V43.4-9, V44.4-9, V45.4-9, V46.4-9, V47.4-9, V48.4-9, V49.4-9, V50.4-9, V51.4-9, V52.4-9, V53.4-9, V54.4-9, V55.4-9, V56.4-9, V57.4-9, V58.4-9, V59.4-9, V60.4-9, V61.4-9, V62.4-9, V63.4-9, V64.4-9, V65.4-9, V66.4-9, V67.4-9, V68.4-9, V69.4-9, V70.4-9, V71.4-9, V72.4-9, V73.4-9, V74.4-9, V75.4-9, V76.4-9, V77.4-9, V78.4-9, V79.4-9, V80.3-5, V81.1, V82.1, V82.8-9, V83.0-3, V84.0-3, V85.0-3, V86.0-3, V87.0-9, V89.2-3, V89.9, V99

This table is based on information obtained from [1]

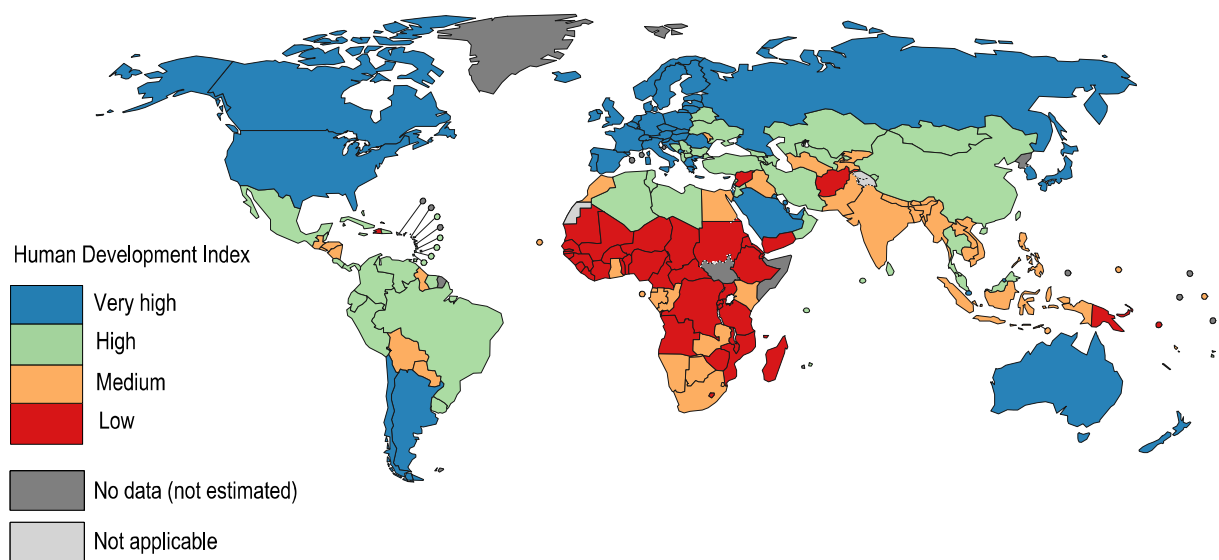


Figure A1. Map of Human Development Index scores

Supplemental Results

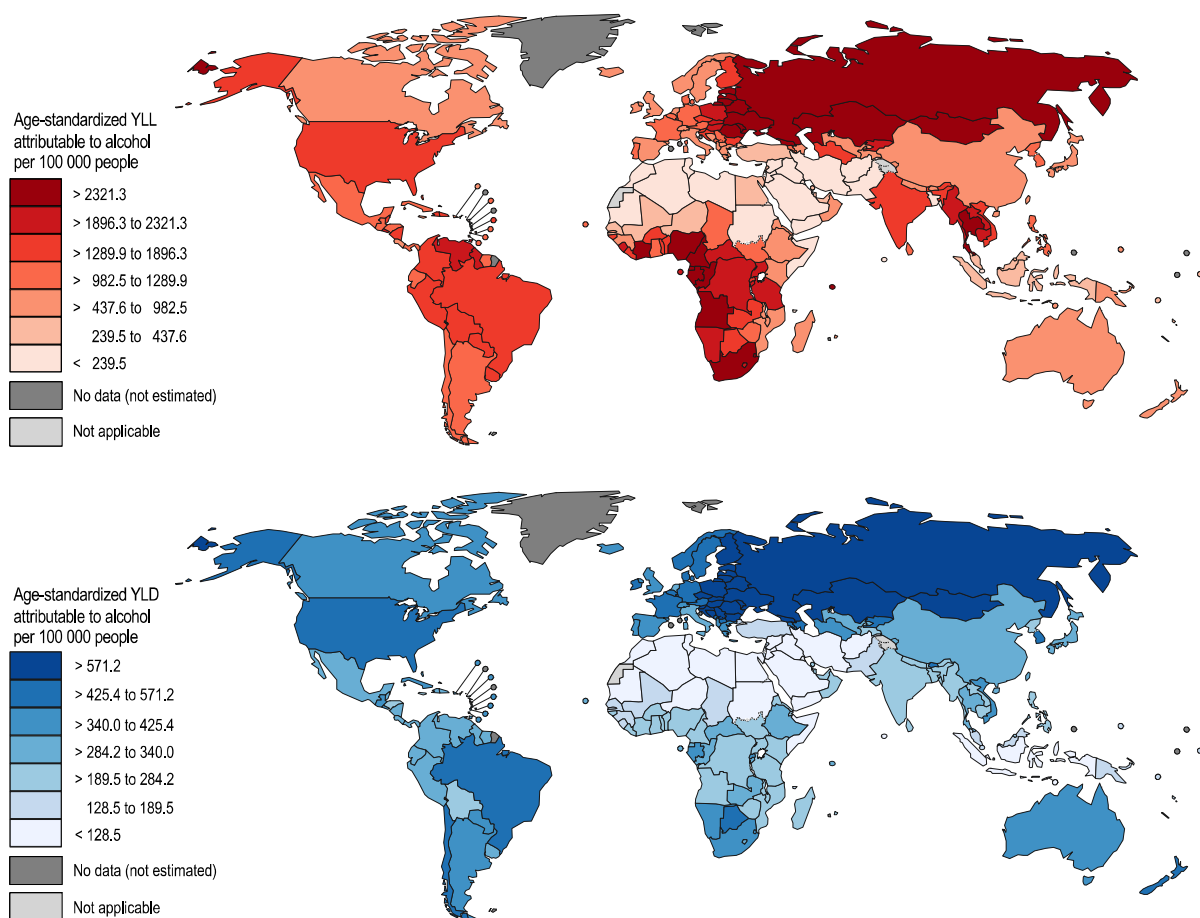


Figure A2. Alcohol-attributable years of life lost (YLL) and years lived with disability (YLD) globally in 2016 among people 0 to 69 years of age

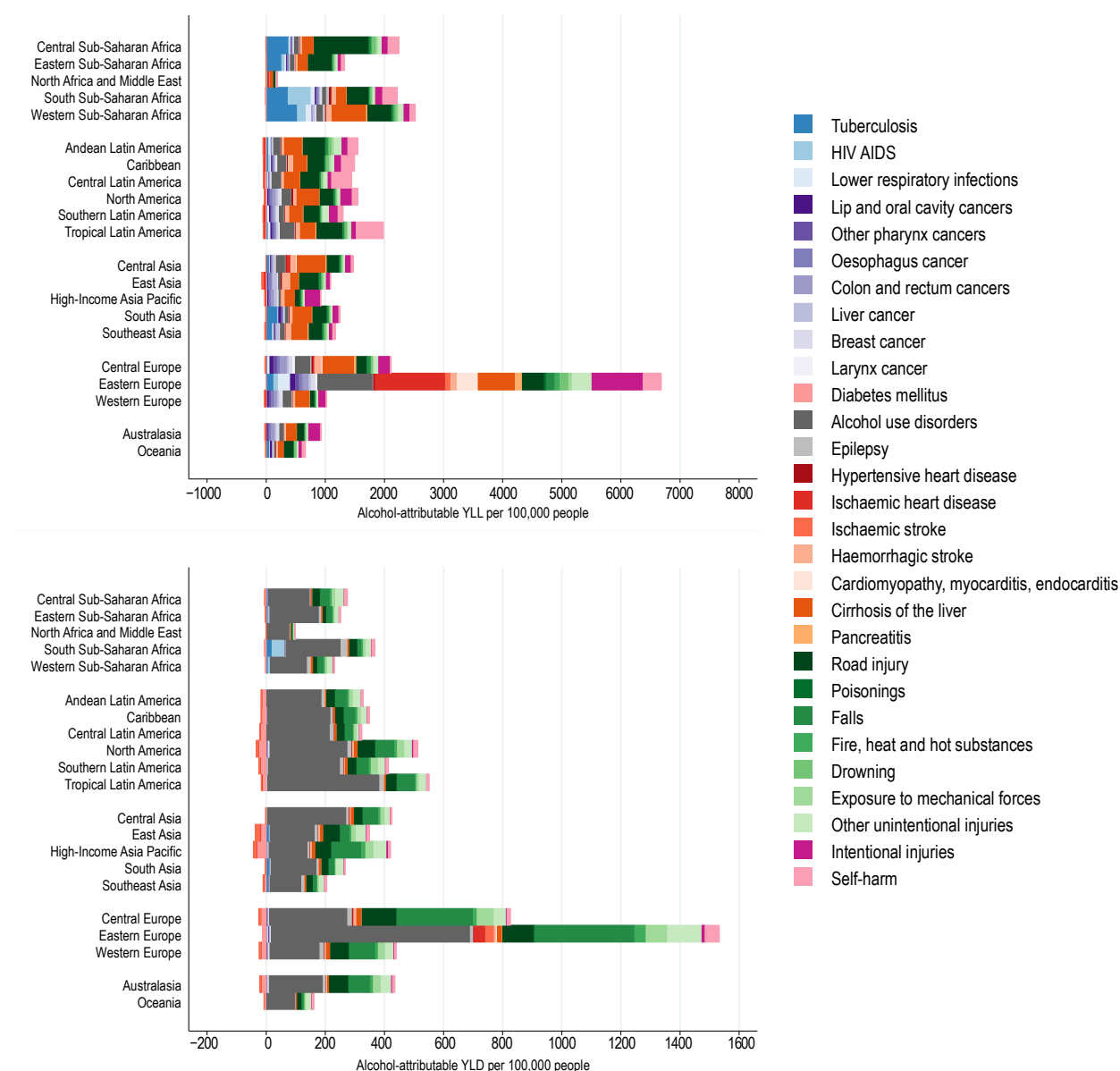


Figure A3. Alcohol-attributable years of life lost (YLL) and years lived with disability (YLD) among people 0 to 70 years of age by global burden of disease region

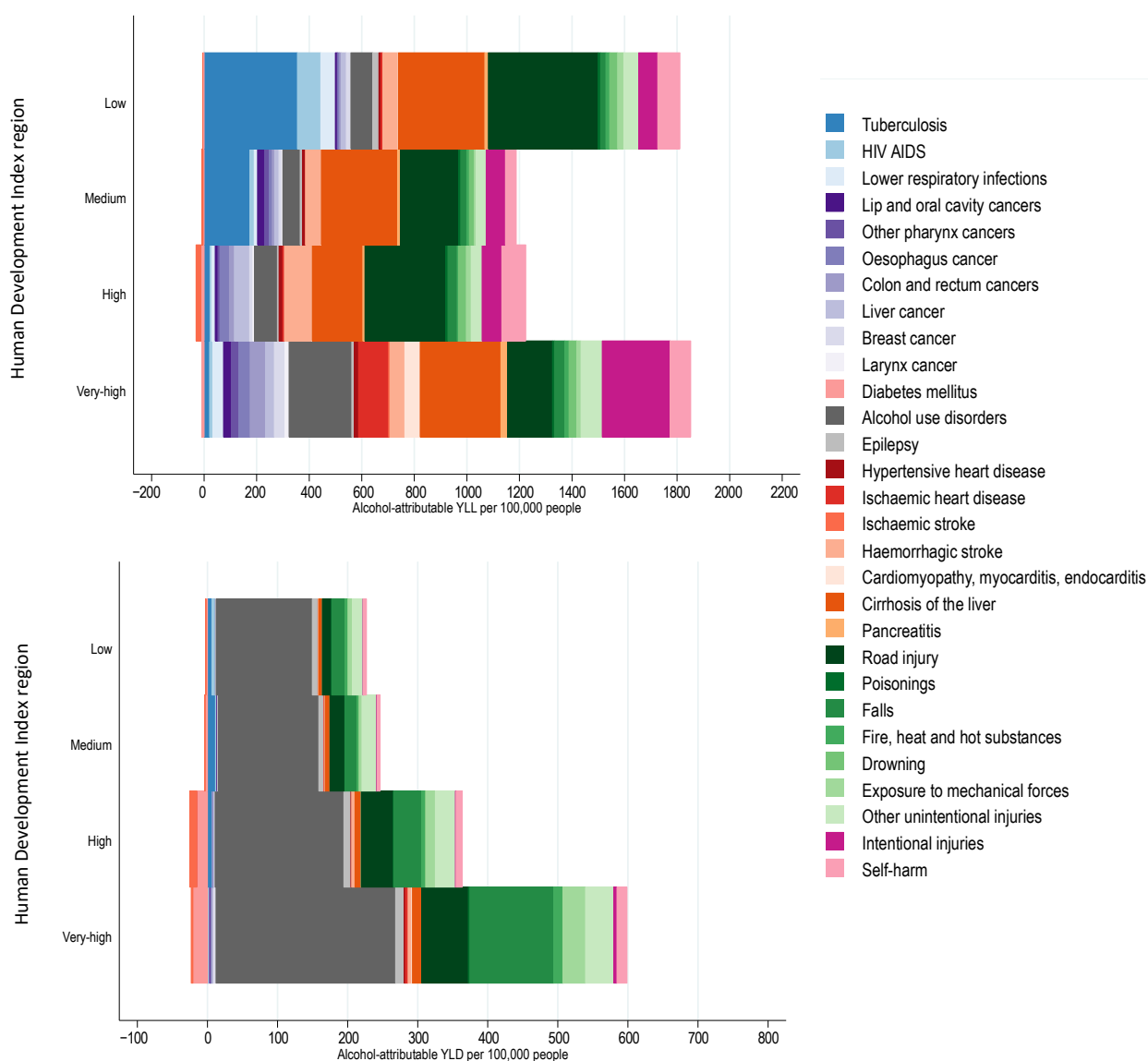


Figure A4. Alcohol-attributable years of life lost (YLL) and years lived with disability (YLD) among people 0 to 70 years of age by Human Development Index region

Table A2. Global alcohol-attributable deaths by age and cause in 2016 among men and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable deaths								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	20,149 (14,732, 33,236)	35,469 (27,123, 51,743)	202,169 (156,855, 256,557)	258,560 (212,454, 309,297)	316,489 (265,727, 368,739)	398,501 (342,386, 458,489)	404,431 (335,045, 478,517)	508,317 (344,428, 689,807)	0.6 (0.4, 1.0)	8.9 (6.8, 13.0)	17.3 (13.5, 22.0)	17.7 (14.5, 21.1)	15.5 (13.0, 18.1)	11.7 (10.0, 13.4)	7.5 (6.2, 8.9)	3.9 (2.7, 5.4)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	1,853 (787, 4,800)	22,296 (7,809, 37,774)	39,453 (16,759, 62,370)	48,583 (20,293, 77,737)	51,235 (19,968, 86,162)	46,459 (18,185, 82,289)	79,366 (33,863, 139,780)	0.0 (0.0, 0.0)	2.1 (0.9, 5.5)	9.4 (3.3, 15.9)	10.5 (4.5, 16.6)	11.7 (4.9, 18.8)	12.3 (4.8, 20.7)	9.6 (3.8, 17.0)	6.5 (2.8, 11.4)
Tuberculosis	0 (0, 0)	1,395 (286, 3,665)	17,868 (3,735, 32,892)	28,135 (6,072, 49,758)	35,615 (7,419, 63,437)	39,464 (8,377, 72,319)	33,937 (6,622, 66,748)	38,848 (6,999, 80,723)	0.0 (0.0, 0.0)	10.3 (2.1, 27.1)	27.0 (5.7, 49.8)	30.1 (6.5, 53.2)	30.3 (6.3, 53.9)	27.1 (5.7, 49.6)	22.4 (4.4, 44.1)	17.6 (3.2, 36.6)
HIV AIDS	0 (0, 0)	152 (91, 840)	2,124 (1,240, 3,286)	7,636 (4,454, 11,574)	8,006 (4,763, 12,007)	3,661 (2,173, 5,465)	1,088 (641, 1,634)	267 (147, 419)	0.0 (0.0, 0.0)	1.0 (0.6, 5.6)	3.8 (2.2, 5.8)	4.4 (2.6, 6.7)	4.7 (2.8, 7.1)	4.4 (2.6, 6.5)	3.9 (2.3, 5.9)	3.0 (1.7, 4.7)
Lower respiratory infections	0 (0, 0)	306 (88, 886)	2,304 (734, 4,182)	3,683 (1,722, 5,950)	4,962 (2,173, 8,187)	8,110 (3,504, 13,442)	11,434 (3,844, 20,789)	40,251 (10,349, 78,418)	0.0 (0.0, 0.0)	2.5 (0.7, 7.3)	7.7 (2.5, 14.0)	10.5 (4.9, 16.9)	10.5 (4.6, 17.3)	9.6 (4.2, 15.9)	7.3 (2.5, 13.3)	6.2 (1.6, 12.2)
Noncommunicable diseases	0 (0, 0)	3,441 (2,854, 4,706)	29,832 (25,204, 33,523)	85,505 (73,571, 93,955)	155,402 (134,200, 170,095)	248,371 (214,110, 274,866)	283,474 (228,885, 335,236)	348,141 (199,747, 507,580)	0.0 (0.0, 0.0)	3.4 (2.9, 4.7)	9.4 (7.9, 10.5)	14.5 (12.5, 16.0)	12.6 (10.9, 13.8)	9.4 (8.1, 10.5)	6.2 (5.0, 7.3)	3.1 (1.8, 4.5)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	847 (630, 1,240)	7,456 (5,669, 9,313)	25,706 (20,033, 31,607)	63,262 (51,874, 74,965)	87,306 (72,530, 102,404)	119,076 (98,955, 143,516)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.4 (1.0, 2.0)	6.3 (4.8, 7.8)	7.7 (6.0, 9.5)	7.9 (6.5, 9.4)	6.7 (5.5, 7.8)	4.9 (4.1, 5.9)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	184 (107, 287)	2,185 (1,520, 2,683)	5,639 (4,313, 6,609)	11,728 (9,589, 13,318)	12,702 (10,535, 14,516)	10,996 (9,203, 12,688)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	8.6 (5.0, 13.5)	34.9 (24.2, 42.8)	38.3 (29.3, 44.9)	42.2 (34.5, 47.9)	41.7 (34.5, 47.6)	36.6 (30.7, 42.3)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	46 (29, 71)	821 (595, 999)	3,831 (2,974, 4,470)	10,198 (8,420, 11,541)	11,422 (9,503, 13,030)	8,909 (7,310, 10,420)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	8.7 (5.4, 13.3)	33.7 (24.4, 41.1)	39.0 (30.3, 45.5)	43.7 (36.1, 49.4)	42.3 (35.2, 48.2)	33.9 (27.8, 39.7)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	37 (26, 55)	535 (438, 638)	3,934 (3,297, 4,546)	14,972 (12,453, 17,171)	24,455 (19,854, 28,474)	29,429 (23,116, 35,850)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.5 (3.2, 6.8)	15.8 (12.9, 18.9)	22.7 (19.1, 26.3)	25.9 (21.6, 29.7)	25.6 (20.8, 29.8)	22.0 (17.3, 26.8)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	203 (170, 246)	1,345 (1,067, 1,642)	3,818 (3,011, 4,637)	10,210 (8,084, 12,396)	18,748 (14,927, 22,542)	41,823 (34,046, 50,055)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.9 (5.0, 7.2)	13.9 (11.0, 17.0)	15.4 (12.2, 18.8)	17.2 (13.6, 20.9)	18.0 (14.3, 21.7)	18.2 (14.9, 21.8)
Liver cancer	0 (0, 0)	0 (0, 0)	377 (191, 703)	2,570 (1,201, 4,044)	8,484 (3,926, 13,483)	16,154 (7,835, 25,187)	19,978 (9,866, 31,078)	27,919 (13,882, 45,451)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.4 (2.7, 10.1)	11.8 (5.5, 18.5)	12.3 (5.7, 19.6)	13.0 (6.3, 20.3)	13.3 (6.6, 20.7)	13.2 (6.6, 21.6)

Cause of disease or injury	Alcohol-attributable deaths								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Breast cancer	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 1.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Larynx cancer	0 (0, 0)	0 (0, 0)	10 (6, 17)	186 (134, 239)	1,347 (999, 1,704)	4,529 (3,470, 5,615)	6,516 (4,950, 8,111)	6,867 (5,093, 8,751)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.7 (3.0, 7.5)	20.3 (14.6, 26.1)	23.1 (17.1, 29.2)	26.1 (20.0, 32.3)	25.7 (19.5, 32.0)	22.2 (16.5, 28.3)
Diabetes mellitus	0 (0, 0)	19 (-1, 86)	116 (16, 269)	265 (33, 637)	785 (89, 1,863)	1,976 (195, 4,574)	3,390 (207, 7,885)	7,281 (130, 17,083)	0.0 (0.0, 0.0)	1.1 (- 0.1, 5.1)	1.8 (0.2, 4.1)	1.9 (0.2, 4.7)	1.9 (0.2, 4.6)	1.9 (0.2, 4.4)	1.8 (0.1, 4.3)	1.9 (0.0, 4.4)
Alcohol use disorders	0 (0, 0)	759 (759, 759)	6,655 (6,655, 6,655)	18,554 (18,554, 18,554)	26,935 (26,935, 26,935)	32,361 (32,361, 32,361)	23,264 (23,264, 23,264)	13,028 (13,028, 13,028)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)
Epilepsy	0 (0, 0)	512 (354, 830)	2,486 (1,812, 3,126)	2,387 (1,770, 2,958)	2,146 (1,614, 2,626)	1,730 (1,300, 2,150)	1,472 (1,098, 1,848)	1,931 (1,448, 2,428)	0.0 (0.0, 0.0)	6.8 (4.7, 11.1)	18.9 (13.8, 23.8)	22.0 (16.3, 27.3)	23.6 (17.7, 28.8)	23.1 (17.3, 28.7)	20.8 (15.5, 26.1)	18.7 (14.0, 23.5)
Cardiovascular diseases	0 (0, 0)	314 (216, 711)	2,510 (957, 4,300)	8,182 (3,879, 11,683)	17,651 (7,369, 23,798)	39,247 (17,423, 54,802)	59,917 (13,185, 99,780)	114,868 (- 31,885, 254,655)	0.0 (0.0, 0.0)	1.6 (1.1, 3.5)	3.0 (1.1, 5.1)	4.0 (1.9, 5.7)	3.7 (1.5, 5.0)	3.6 (1.6, 5.0)	3.0 (0.7, 4.9)	2.2 (- 0.6, 5.0)
Hypertensive heart disease	0 (0, 0)	27 (18, 42)	356 (262, 434)	1,011 (761, 1,218)	2,567 (1,959, 3,098)	5,797 (4,450, 7,062)	10,799 (8,011, 13,329)	32,890 (23,811, 41,297)	0.0 (0.0, 0.0)	4.5 (3.1, 7.1)	12.8 (9.4, 15.6)	14.8 (11.1, 17.8)	15.5 (11.8, 18.7)	14.9 (11.5, 18.2)	13.9 (10.3, 17.2)	13.4 (9.7, 16.8)
Ischaemic heart disease	0 (0, 0)	5 (-81, 137)	-265 (- 1,688, 1,194)	3 (-3,930, 2,780)	111 (- 8,996, 4,307)	3,215 (- 18,086, 13,930)	6,521 (- 37,063, 40,160)	13,506 (- 126,768, 147,492)	0.0 (0.0, 0.0)	0.1 (- 1.3, 2.3)	-0.7 (- 4.8, 3.4)	0.0 (- 3.5, 2.5)	0.0 (- 3.1, 1.5)	0.5 (- 2.8, 2.1)	0.6 (- 3.3, 3.6)	0.5 (- 4.6, 5.4)
Ischaemic stroke	0 (0, 0)	-6 (-10, 13)	-39 (-81, 92)	-55 (-171, 185)	-221 (- 643, 468)	-576 (- 2,201, 1,858)	-3,343 (- 10,209, 5,654)	-13,223 (- 38,925, 18,344)	0.0 (0.0, 0.0)	-0.9 (- 1.5, 2.0)	-1.2 (- 2.6, 3.0)	-0.8 (- 2.6, 2.8)	-1.0 (- 3.0, 2.2)	-0.7 (- 2.7, 2.3)	-1.1 (- 3.5, 1.9)	-1.4 (- 4.2, 2.0)
Haemorrhagic stroke	0 (0, 0)	209 (129, 387)	1,791 (1,167, 2,451)	4,590 (3,049, 6,160)	11,943 (7,910, 16,036)	25,867 (17,447, 34,957)	42,191 (27,574, 58,890)	77,807 (49,833, 110,521)	0.0 (0.0, 0.0)	4.9 (3.0, 9.0)	9.9 (6.5, 13.6)	11.3 (7.5, 15.2)	11.8 (7.8, 15.8)	11.2 (7.5, 15.1)	10.6 (6.9, 14.7)	10.4 (6.6, 14.7)
Cardiomyopathy, myocarditis, endocarditis	0 (0, 0)	79 (63, 347)	665 (636, 1,098)	2,634 (2,611, 2,925)	3,251 (3,224, 3,527)	4,943 (4,901, 5,442)	3,750 (3,685, 4,474)	3,888 (3,793, 4,718)	0.0 (0.0, 0.0)	2.7 (2.1, 11.6)	6.9 (6.6, 11.5)	15.7 (15.6, 17.5)	14.5 (14.4, 15.7)	15.1 (15.0, 16.6)	9.7 (9.6, 11.6)	4.9 (4.8, 5.9)
Digestive diseases	0 (0, 0)	1,836 (1,305, 2,712)	17,208 (13,399, 20,124)	48,475 (39,069, 55,427)	80,832 (66,918, 91,560)	105,268 (87,864, 119,132)	101,609 (84,207, 117,002)	85,089 (68,637, 102,871)	0.0 (0.0, 0.0)	12.6 (9.0, 18.6)	31.0 (24.2, 36.3)	41.4 (33.4, 47.3)	43.1 (35.6, 48.8)	39.3 (32.8, 44.5)	32.0 (26.5, 36.8)	17.7 (14.3, 21.4)

Cause of disease or injury		Alcohol-attributable deaths							Population attributable fraction (%)								
		0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Injuries	Cirrhosis of the liver	0 (0, 0)	1,759 (1,223, 2,627)	15,741 (12,091, 18,581)	45,030 (35,912, 51,768)	76,343 (62,603, 86,773)	100,871 (84,249, 114,775)	97,498 (80,347, 112,731)	79,490 (63,333, 96,837)	0.0 (0.0, 0.0)	26.0 (18.1, 38.9)	50.3 (38.6, 59.4)	54.9 (43.8, 63.1)	56.1 (46.0, 63.7)	53.9 (45.0, 61.4)	50.3 (41.5, 58.2)	42.2 (33.6, 51.4)
	Pancreatitis	0 (0, 0)	78 (49, 120)	1,467 (951, 1,985)	3,445 (2,399, 4,480)	4,489 (3,012, 5,853)	4,397 (3,062, 5,661)	4,111 (2,777, 5,444)	5,599 (3,623, 7,591)	0.0 (0.0, 0.0)	14.6 (9.3, 22.7)	32.8 (21.3, 44.4)	37.5 (26.1, 48.7)	37.9 (25.4, 49.4)	36.8 (25.6, 47.3)	33.1 (22.4, 43.9)	30.7 (19.9, 41.6)
		20,149 (14,732, 33,236)	30,175 (21,659, 44,609)	150,041 (107,830, 200,272)	133,602 (100,058, 174,083)	112,504 (85,232, 145,942)	98,895 (75,736, 127,437)	74,498 (57,383, 98,241)	80,811 (58,750, 112,958)	5.4 (3.9, 8.8)	14.3 (10.3, 21.1)	24.6 (17.7, 32.8)	26.8 (20.1, 34.9)	28.2 (21.4, 36.6)	27.1 (20.7, 34.9)	22.9 (17.6, 30.2)	16.9 (12.3, 23.6)
	Unintentional injuries	20,149 (14,732, 33,236)	21,937 (16,278, 33,032)	99,083 (73,241, 134,780)	86,513 (65,596, 115,400)	78,713 (59,661, 104,618)	71,809 (54,301, 95,384)	57,715 (42,806, 78,410)	67,220 (46,318, 97,269)	6.0 (4.4, 9.9)	17.2 (12.7, 25.9)	28.6 (21.1, 38.8)	30.1 (22.8, 40.2)	30.5 (23.2, 40.6)	28.5 (21.5, 37.8)	23.7 (17.6, 32.2)	17.1 (11.8, 24.8)
	Road injury	20,149 (14,732, 33,236)	15,883 (10,467, 25,527)	67,508 (45,911, 99,117)	53,281 (36,627, 77,532)	46,060 (31,300, 67,384)	38,508 (25,887, 56,873)	28,483 (19,204, 42,909)	22,782 (15,463, 35,521)	22.8 (16.7, 37.7)	20.4 (13.5, 32.8)	30.3 (20.6, 44.5)	31.6 (21.7, 45.9)	31.9 (21.7, 46.7)	29.9 (20.1, 44.2)	27.1 (18.3, 40.8)	22.5 (15.3, 35.0)
	Poisonings	0 (0, 0)	272 (133, 476)	1,933 (1,030, 2,874)	1,762 (1,020, 2,524)	1,774 (1,024, 2,558)	1,553 (944, 2,211)	1,323 (778, 1,956)	1,107 (596, 1,766)	0.0 (0.0, 0.0)	11.4 (5.6, 20.0)	25.2 (13.4, 37.5)	27.7 (16.0, 39.7)	27.3 (15.7, 39.3)	26.1 (15.9, 37.2)	20.7 (12.2, 30.5)	13.6 (7.3, 21.7)
	Falls	0 (0, 0)	606 (312, 1,054)	4,609 (2,522, 6,736)	6,499 (3,768, 9,255)	8,259 (4,763, 11,827)	10,100 (5,800, 14,744)	10,677 (5,941, 16,146)	23,196 (12,134, 37,352)	0.0 (0.0, 0.0)	11.8 (6.1, 20.6)	25.6 (14.0, 37.4)	27.3 (15.8, 38.8)	28.1 (16.2, 40.2)	25.5 (14.7, 37.3)	19.5 (10.9, 29.5)	14.3 (7.5, 23.0)
	Fire, heat and hot substances	0 (0, 0)	228 (115, 410)	1,642 (911, 2,427)	2,109 (1,335, 2,915)	1,926 (1,293, 2,564)	2,153 (1,502, 2,826)	1,806 (1,211, 2,471)	1,975 (1,183, 2,931)	0.0 (0.0, 0.0)	10.4 (5.2, 18.6)	22.9 (12.7, 33.9)	26.8 (17.0, 37.0)	29.9 (20.0, 39.7)	29.5 (20.6, 38.7)	24.0 (16.1, 32.8)	16.3 (9.8, 24.2)
	Drowning	0 (0, 0)	2,277 (1,142, 3,884)	7,540 (4,147, 11,062)	6,322 (3,887, 8,843)	5,133 (3,135, 7,176)	4,401 (2,740, 6,195)	3,522 (2,069, 5,112)	3,262 (1,757, 5,028)	0.0 (0.0, 0.0)	12.8 (6.4, 21.8)	26.1 (14.3, 38.3)	29.3 (18.0, 41.0)	29.5 (18.0, 41.2)	27.2 (17.0, 38.4)	22.5 (13.2, 32.7)	16.9 (9.1, 26.1)
	Exposure to mechanical forces	0 (0, 0)	665 (333, 1,146)	4,225 (2,248, 6,249)	4,105 (2,353, 5,871)	3,610 (2,094, 5,175)	3,076 (1,780, 4,421)	2,021 (1,131, 2,991)	1,311 (716, 2,035)	0.0 (0.0, 0.0)	12.1 (6.0, 20.8)	25.2 (13.4, 37.3)	27.6 (15.8, 39.4)	29.0 (16.8, 41.6)	27.0 (15.6, 38.8)	22.6 (12.6, 33.4)	15.1 (8.2, 23.4)
Other unintentional injuries	0 (0, 0)	2,005 (997, 3,464)	11,627 (6,231, 17,265)	12,435 (7,415, 17,659)	11,951 (7,315, 16,739)	12,017 (7,772, 16,478)	9,883 (6,128, 14,083)	13,588 (7,333, 20,938)	0.0 (0.0, 0.0)	11.9 (5.9, 20.5)	25.6 (13.7, 38.0)	28.5 (17.0, 40.4)	29.0 (17.8, 40.7)	27.8 (18.0, 38.1)	22.0 (13.6, 31.4)	16.9 (9.1, 26.0)	
Intentional injuries	0 (0, 0)	8,238 (1,807, 16,220)	50,958 (14,632, 84,147)	47,089 (17,883, 73,555)	33,791 (12,656, 52,460)	27,086 (11,802, 41,388)	16,783 (7,019, 26,571)	13,591 (5,567, 22,947)	0.0 (0.0, 0.0)	9.9 (2.2, 19.5)	19.3 (5.5, 31.9)	22.3 (8.5, 34.9)	23.9 (9.0, 37.1)	23.9 (10.4, 36.6)	20.5 (8.6, 32.4)	15.9 (6.5, 26.8)	

Cause of disease or injury	Alcohol-attributable deaths								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Self-harm	0 (0, 0)	3,004 (773, 5,683)	23,219 (8,179, 37,159)	26,110 (11,455, 39,421)	21,727 (8,793, 32,915)	20,065 (8,892, 30,242)	13,618 (5,599, 21,664)	12,332 (4,966, 20,809)	0.0 (0.0, 0.0)	11.7 (3.0, 22.1)	24.0 (8.5, 38.4)	27.6 (12.1, 41.7)	28.3 (11.4, 42.8)	27.2 (12.1, 41.0)	22.3 (9.2, 35.5)	16.8 (6.7, 28.3)
Interpersonal violence	0 (0, 0)	5,234 (1,049, 10,502)	27,739 (6,355, 47,009)	20,980 (6,260, 34,227)	12,065 (3,800, 19,551)	7,021 (2,871, 11,117)	3,166 (1,430, 5,011)	1,258 (598, 2,098)	0.0 (0.0, 0.0)	11.9 (2.4, 23.9)	22.4 (5.1, 38.0)	24.2 (7.2, 39.4)	23.9 (7.5, 38.7)	22.0 (9.0, 34.8)	18.7 (8.5, 29.6)	12.5 (6.0, 20.9)

Table A3. Global alcohol-attributable deaths by age and cause in 2016 among women and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable deaths								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	13,790 (10,118, 22,653)	12,250 (10,450, 18,165)	46,594 (38,785, 63,263)	58,897 (51,723, 79,052)	80,063 (71,461, 104,140)	111,947 (98,747, 149,414)	137,581 (111,400, 198,788)	362,619 (208,703, 583,096)	0.5 (0.3, 0.8)	4.2 (3.6, 6.2)	6.2 (5.2, 8.5)	6.4 (5.6, 8.6)	6.4 (5.7, 8.3)	5.3 (4.7, 7.1)	3.6 (2.9, 5.2)	2.6 (1.5, 4.1)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	1,220 (495, 3,903)	8,176 (3,121, 18,878)	11,044 (5,489, 25,852)	10,286 (4,905, 24,324)	9,411 (4,040, 24,141)	9,388 (4,058, 24,149)	23,115 (10,551, 51,856)	0.0 (0.0, 0.0)	1.1 (0.4, 3.4)	2.5 (1.0, 5.8)	3.0 (1.5, 7.1)	3.7 (1.8, 8.7)	3.8 (1.6, 9.7)	2.5 (1.1, 6.5)	1.7 (0.8, 3.9)
Tuberculosis	0 (0, 0)	904 (149, 2,976)	5,870 (840, 15,082)	6,841 (1,180, 17,691)	6,676 (1,163, 17,498)	6,633 (1,159, 18,976)	6,184 (1,030, 18,896)	7,915 (1,315, 25,899)	0.0 (0.0, 0.0)	6.6 (1.1, 21.8)	14.1 (2.0, 36.1)	14.1 (2.4, 36.6)	13.7 (2.4, 36.0)	10.4 (1.8, 29.9)	8.0 (1.3, 24.3)	5.3 (0.9, 17.5)
HIV AIDS	0 (0, 0)	117 (72, 734)	1,320 (769, 3,182)	2,930 (1,714, 8,490)	2,214 (1,314, 6,807)	691 (429, 2,627)	196 (120, 952)	35 (21, 372)	0.0 (0.0, 0.0)	0.9 (0.6, 5.7)	2.2 (1.3, 5.4)	2.2 (1.3, 6.5)	2.2 (1.3, 6.8)	1.6 (1.0, 6.2)	1.4 (0.8, 6.7)	0.8 (0.5, 8.3)
Lower respiratory infections	0 (0, 0)	199 (72, 755)	985 (402, 2,083)	1,274 (707, 2,520)	1,396 (745, 2,759)	2,087 (1,049, 4,336)	3,008 (1,297, 6,788)	15,165 (5,468, 31,829)	0.0 (0.0, 0.0)	1.8 (0.6, 6.7)	4.3 (1.8, 9.1)	5.4 (3.0, 10.7)	5.1 (2.7, 10.0)	3.8 (1.9, 8.0)	2.4 (1.0, 5.5)	2.1 (0.8, 4.4)
Noncommunicable diseases	0 (0, 0)	2,557 (2,061, 3,421)	12,472 (10,464, 15,567)	25,671 (22,483, 31,629)	47,969 (41,070, 61,110)	82,560 (69,135, 109,021)	109,169 (82,441, 160,357)	308,566 (156,486, 512,997)	0.0 (0.0, 0.0)	2.9 (2.4, 3.9)	5.4 (4.5, 6.8)	6.3 (5.6, 7.8)	5.7 (4.9, 7.3)	4.8 (4.0, 6.4)	3.4 (2.5, 4.9)	2.5 (1.3, 4.1)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	247 (173, 384)	1,726 (1,337, 2,336)	4,947 (3,836, 6,683)	10,674 (8,450, 13,997)	15,313 (11,768, 20,398)	31,139 (22,486, 43,498)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.5 (0.3, 0.7)	1.2 (0.9, 1.6)	1.4 (1.1, 1.9)	1.7 (1.4, 2.2)	1.8 (1.4, 2.4)	1.8 (1.3, 2.5)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	39 (26, 60)	357 (257, 476)	1,039 (732, 1,401)	2,004 (1,470, 2,681)	2,213 (1,625, 3,011)	3,089 (2,267, 4,310)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.6 (3.7, 8.6)	16.6 (11.9, 22.1)	17.3 (12.2, 23.3)	18.2 (13.4, 24.4)	16.1 (11.8, 21.9)	14.9 (10.9, 20.8)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	17 (11, 27)	154 (103, 210)	418 (289, 578)	827 (635, 1,095)	934 (716, 1,267)	1,013 (745, 1,440)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.1 (3.3, 8.2)	15.5 (10.4, 21.2)	17.0 (11.7, 23.5)	19.2 (14.7, 25.4)	17.2 (13.2, 23.4)	14.1 (10.3, 20.0)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	16 (9, 29)	177 (126, 254)	585 (430, 835)	1,544 (1,205, 2,070)	2,620 (1,930, 3,632)	4,641 (3,132, 7,096)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.2 (1.3, 4.0)	8.1 (5.7, 11.5)	8.4 (6.2, 12.0)	9.6 (7.5, 12.9)	8.9 (6.5, 12.3)	7.2 (4.8, 10.9)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	45 (21, 85)	409 (243, 630)	1,006 (617, 1,541)	2,373 (1,458, 3,582)	3,539 (2,025, 5,525)	9,043 (4,352, 15,048)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.5 (0.7, 2.9)	4.7 (2.8, 7.3)	5.0 (3.1, 7.7)	5.6 (3.5, 8.5)	5.1 (2.9, 7.9)	4.1 (2.0, 6.9)
Liver cancer	0 (0, 0)	0 (0, 0)	130 (64, 234)	629 (334, 1,065)	1,899 (1,007, 3,195)	3,926 (2,067, 6,562)	6,007 (3,079, 10,155)	13,354 (6,419, 22,872)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	6.2 (3.1, 11.1)	10.6 (5.6, 17.9)	10.1 (5.4, 17.0)	10.4 (5.5, 17.5)	10.6 (5.5, 18.0)	11.0 (5.3, 18.8)

Cause of disease or injury	Alcohol-attributable deaths								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Breast cancer				3,003 (2,335, 4,015)	6,743 (5,398, 8,675)	10,445 (8,500, 13,244)	9,238 (7,591, 11,667)	12,415 (10,202, 15,646)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.5 (1.9, 3.9)	7.1 (5.5, 9.5)	7.4 (6.0, 9.6)	8.2 (6.6, 10.4)	7.4 (6.1, 9.4)	6.6 (5.4, 8.3)
Larynx cancer	0 (0, 0)	0 (0, 0)	178 (138, 281)	24 (15, 37)	71 (47, 107)	224 (156, 327)	333 (225, 503)	416 (246, 680)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.0 (1.5, 6.0)	9.6 (5.9, 14.6)	10.2 (6.8, 15.3)	11.4 (7.9, 16.6)	10.6 (7.2, 16.0)	8.3 (4.9, 13.6)
Diabetes mellitus	0 (0, 0)	-61 (-88, 19)	-478 (- 664, - 233)	-946 (- 1,296, - 456)	-2,742 (- 3,764, - 1,361)	-6,449 (- 8,999, - 3,191)	-11,206 (- 15,696, - 5,123)	-27,034 (- 38,551, - 13,208)	0.0 (0.0, 0.0)	-3.2 (- 4.6, 1.0)	-7.7 (- 10.7, - 3.8)	-8.2 (- 11.3, - 4.0)	-8.0 (- 11.0, - 4.0)	-6.8 (- 9.5, - 3.4)	-5.7 (- 7.9, - 2.6)	-5.3 (- 7.5, - 2.6)
Alcohol use disorders	0 (0, 0)	208 (208, 208)	1,093 (1,093, 1,093)	2,851 (2,851, 2,851)	4,287 (4,287, 4,287)	5,954 (5,954, 5,954)	4,838 (4,838, 4,838)	4,776 (4,776, 4,776)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)
Epilepsy	0 (0, 0)	182 (135, 352)	791 (581, 1,133)	632 (482, 911)	505 (385, 703)	447 (336, 620)	372 (281, 524)	820 (630, 1,138)	0.0 (0.0, 0.0)	4.3 (3.2, 8.2)	9.3 (6.9, 13.4)	9.5 (7.3, 13.8)	9.9 (7.6, 13.8)	8.3 (6.2, 11.5)	6.5 (4.9, 9.2)	6.2 (4.8, 8.6)
Cardiovascular diseases	0 (0, 0)	366 (229, 787)	1,818 (764, 3,773)	4,888 (2,524, 9,071)	12,448 (6,394, 22,877)	26,688 (13,914, 49,148)	47,791 (21,193, 93,024)	232,943 (75,420, 427,869)	0.0 (0.0, 0.0)	2.2 (1.4, 4.7)	3.4 (1.4, 7.1)	4.4 (2.3, 8.2)	4.8 (2.4, 8.7)	4.3 (2.3, 8.0)	3.4 (1.5, 6.5)	3.7 (1.2, 6.8)
Hypertensive heart disease	0 (0, 0)	13 (6, 38)	101 (46, 194)	249 (119, 510)	637 (304, 1,339)	1,281 (617, 2,821)	2,048 (961, 5,004)	8,681 (4,013, 19,971)	0.0 (0.0, 0.0)	1.9 (0.9, 5.4)	4.5 (2.1, 8.7)	4.5 (2.2, 9.2)	4.5 (2.1, 9.4)	3.5 (1.7, 7.7)	2.6 (1.2, 6.3)	2.4 (1.1, 5.4)
Ischaemic heart disease	0 (0, 0)	81 (-9, 256)	403 (- 554, 1,822)	1,193 (- 975, 4,316)	2,916 (- 2,416, 10,587)	9,439 (- 2,897, 25,841)	25,481 (- 3,254, 56,776)	188,152 (21,606, 327,640)	0.0 (0.0, 0.0)	1.9 (- 0.2, 6.1)	2.3 (- 3.1, 10.2)	2.7 (- 2.2, 9.8)	2.5 (- 2.1, 9.1)	3.2 (- 1.0, 8.9)	3.7 (- 0.5, 8.2)	5.7 (0.7, 9.9)
Ischaemic stroke	0 (0, 0)	-5 (-9, 141)	-36 (-72, 553)	-119 (- 189, 468)	-618 (- 963, 224)	-2,247 (- 3,627, 112)	-6,937 (- 12,936, 4,583)	-31,845 (- 78,376, 50,628)	0.0 (0.0, 0.0)	-0.5 (- 1.0, 15.0)	-1.3 (- 2.6, 20.2)	-2.3 (- 3.7, 9.2)	-4.0 (- 6.2, 1.4)	-4.4 (- 7.1, 0.2)	-3.2 (- 5.9, 2.1)	-2.7 (- 6.7, 4.3)
Haemorrhagic stroke	0 (0, 0)	267 (150, 500)	1,253 (727, 2,112)	3,178 (1,898, 5,327)	9,025 (5,353, 15,007)	17,338 (10,438, 28,877)	26,388 (15,686, 44,505)	65,182 (40,076, 108,578)	0.0 (0.0, 0.0)	6.6 (3.7, 12.4)	11.2 (6.5, 18.8)	11.3 (6.7, 18.9)	11.9 (7.1, 19.8)	10.2 (6.2, 17.0)	8.5 (5.1, 14.4)	8.1 (5.0, 13.4)
Cardiomyopathy, myocarditis, endocarditis	0 (0, 0)	9 (9, 10)	98 (98, 100)	387 (387, 389)	488 (488, 490)	876 (876, 878)	812 (812, 816)	2,774 (2,773, 2,784)	0.0 (0.0, 0.0)	0.5 (0.5, 0.6)	1.7 (1.7, 1.8)	4.9 (4.9, 4.9)	4.9 (4.9, 4.9)	5.9 (5.9, 6.0)	3.7 (3.7, 3.7)	2.9 (2.9, 2.9)
Digestive diseases	0 (0, 0)	1,861 (1,422, 2,421)	8,819 (7,189, 10,418)	13,492 (11,637, 15,456)	21,709 (18,957, 24,648)	34,578 (30,001, 39,883)	42,489 (36,019, 50,616)	53,091 (44,269, 66,828)	0.0 (0.0, 0.0)	12.9 (9.9, 16.8)	24.3 (19.8, 28.7)	28.7 (24.8, 32.9)	31.2 (27.3, 35.4)	27.7 (24.0, 32.0)	21.4 (18.2, 25.5)	10.3 (8.6, 12.9)

Cause of disease or injury	Alcohol-attributable deaths								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Cirrhosis of the liver		1,834 (1,396, 2,387)	8,628 (7,031, 10,066)	13,115 (11,262, 14,902)	21,187 (18,396, 23,862)	33,831 (29,354, 38,834)	41,607 (35,194, 49,366)	51,205 (42,255, 64,286)	0.0 (0.0, 0.0)	32.1 (24.5, 41.8)	48.5 (39.5, 56.6)	51.1 (43.9, 58.1)	52.9 (45.9, 59.5)	48.6 (42.1, 55.7)	42.7 (36.1, 50.7)	34.6 (28.6, 43.4)
Pancreatitis	0 (0, 0)	27 (6, 77)	191 (49, 508)	377 (166, 843)	522 (162, 1,316)	747 (285, 1,786)	882 (354, 2,039)	1,886 (598, 4,418)	0.0 (0.0, 0.0)	6.4 (1.4, 18.6)	11.9 (3.0, 31.7)	14.2 (6.2, 31.7)	13.0 (4.0, 32.7)	12.0 (4.6, 28.6)	9.7 (3.9, 22.4)	8.5 (2.7, 19.9)
Injuries	13,790 (10,118, 22,653)	8,474 (6,711, 12,307)	25,946 (19,553, 35,949)	22,182 (17,616, 30,048)	21,808 (17,292, 29,452)	19,975 (16,617, 26,898)	19,024 (15,921, 26,394)	30,938 (24,660, 45,849)	5.1 (3.8, 8.4)	9.2 (7.3, 13.4)	13.4 (10.1, 18.5)	14.8 (11.7, 20.0)	16.2 (12.9, 21.9)	13.5 (11.3, 18.2)	10.3 (8.6, 14.3)	6.9 (5.5, 10.2)
Unintentional injuries	13,790 (10,118, 22,653)	6,366 (5,250, 9,226)	17,178 (14,096, 23,612)	14,908 (12,397, 20,312)	15,748 (13,024, 21,517)	15,197 (12,912, 20,950)	15,452 (12,963, 21,832)	27,184 (21,108, 41,461)	5.9 (4.3, 9.6)	13.1 (10.8, 19.0)	17.6 (14.4, 24.1)	17.6 (14.7, 24.0)	18.7 (15.4, 25.5)	15.0 (12.7, 20.7)	11.0 (9.2, 15.5)	6.9 (5.4, 10.5)
Road injury	13,790 (10,118, 22,653)	4,649 (3,650, 6,881)	11,232 (8,852, 15,974)	9,227 (7,422, 13,092)	10,069 (8,059, 14,467)	9,540 (7,583, 14,028)	9,315 (7,393, 13,919)	10,292 (8,260, 15,537)	23.4 (17.2, 38.5)	19.6 (15.4, 29.0)	23.5 (18.5, 33.4)	23.2 (18.6, 32.9)	23.4 (18.7, 33.6)	20.6 (16.4, 30.3)	19.5 (15.5, 29.1)	17.8 (14.3, 26.9)
Poisonings	0 (0, 0)	138 (70, 267)	610 (322, 1,011)	511 (288, 827)	568 (309, 926)	416 (234, 678)	395 (224, 665)	373 (246, 623)	0.0 (0.0, 0.0)	7.9 (4.1, 15.4)	13.2 (7.0, 21.8)	14.3 (8.0, 23.1)	13.4 (7.3, 21.8)	9.7 (5.5, 15.9)	6.6 (3.8, 11.2)	5.0 (3.3, 8.3)
Falls	0 (0, 0)	203 (108, 366)	789 (443, 1,261)	848 (505, 1,330)	1,081 (623, 1,717)	1,424 (826, 2,332)	2,137 (1,261, 3,709)	8,942 (5,436, 15,845)	0.0 (0.0, 0.0)	7.5 (4.0, 13.6)	13.1 (7.4, 20.9)	14.2 (8.4, 22.2)	14.6 (8.4, 23.1)	9.1 (5.3, 14.9)	5.3 (3.2, 9.3)	4.5 (2.7, 7.9)
Fire, heat and hot substances	0 (0, 0)	303 (141, 555)	1,172 (617, 1,960)	997 (584, 1,614)	688 (435, 1,081)	621 (437, 945)	556 (392, 870)	985 (751, 1,528)	0.0 (0.0, 0.0)	5.3 (2.5, 9.7)	9.8 (5.1, 16.4)	10.1 (5.9, 16.3)	11.3 (7.2, 17.8)	9.6 (6.8, 14.6)	7.2 (5.1, 11.3)	6.0 (4.6, 9.3)
Drowning	0 (0, 0)	431 (225, 784)	1,013 (560, 1,642)	892 (537, 1,388)	850 (495, 1,340)	707 (412, 1,141)	701 (399, 1,194)	1,058 (622, 1,883)	0.0 (0.0, 0.0)	7.8 (4.1, 14.1)	13.3 (7.4, 21.6)	14.4 (8.7, 22.4)	15.4 (9.0, 24.3)	10.9 (6.3, 17.6)	8.0 (4.5, 13.5)	5.7 (3.4, 10.2)
Exposure to mechanical forces	0 (0, 0)	121 (63, 224)	430 (234, 698)	468 (266, 750)	503 (281, 821)	366 (218, 592)	290 (168, 496)	323 (210, 580)	0.0 (0.0, 0.0)	7.0 (3.6, 12.9)	11.9 (6.7, 20.1)	12.7 (7.7, 21.8)	13.8 (8.0, 23.5)	11.4 (6.2, 16.8)	7.9 (4.1, 12.1)	6.1 (3.1, 8.5)
Other unintentional injuries	0 (0, 0)	521 (272, 970)	1,932 (1,079, 3,160)	1,964 (1,231, 3,076)	1,989 (1,281, 3,055)	2,124 (1,479, 3,114)	2,059 (1,411, 3,157)	5,211 (3,167, 8,645)	0.0 (0.0, 0.0)	7.0 (3.7, 13.1)	11.9 (6.7, 19.5)	12.7 (8.0, 19.9)	13.8 (8.9, 21.2)	11.4 (8.0, 16.7)	7.9 (5.4, 12.0)	6.1 (3.7, 10.1)
Intentional injuries	0 (0, 0)	2,108 (698, 4,244)	8,768 (3,100, 16,086)	7,274 (3,379, 12,356)	6,060 (2,700, 10,395)	4,778 (2,444, 7,947)	3,572 (1,892, 6,038)	3,755 (2,400, 6,078)	0.0 (0.0, 0.0)	4.9 (1.6, 9.8)	9.1 (3.2, 16.7)	11.1 (5.2, 18.9)	12.1 (5.4, 20.7)	10.3 (5.3, 17.2)	8.2 (4.4, 13.9)	6.8 (4.4, 11.1)
Self-harm	0 (0, 0)	1,487 (460, 2,928)	6,258 (2,122, 11,576)	4,975 (2,120, 8,590)	4,480 (1,802, 7,883)	3,702 (1,688, 6,403)	2,890 (1,385, 5,061)	3,151 (1,904, 5,289)	0.0 (0.0, 0.0)	5.5 (1.7, 10.8)	9.9 (3.4, 18.3)	12.3 (5.3, 21.3)	13.4 (5.4, 23.6)	10.7 (4.9, 18.5)	8.2 (3.9, 14.4)	6.7 (4.0, 11.2)

Cause of disease or injury	Alcohol-attributable deaths								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Interpersonal violence	0 (0, 0)	621 (196, 1,296)	2,510 (956, 4,564)	2,299 (1,226, 3,788)	1,580 (896, 2,518)	1,075 (762, 1,520)	682 (509, 948)	603 (496, 803)	0.0 (0.0, 0.0)	6.8 (2.2, 14.2)	11.4 (4.3, 20.7)	13.3 (7.1, 21.9)	13.8 (7.8, 21.9)	13.0 (9.2, 18.4)	10.8 (8.1, 15.0)	9.0 (7.4, 12.0)

Table A4. Global alcohol-attributable deaths by age and cause in 2016 and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable deaths								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	33,939 (24,852, 55,874)	47,719 (39,186, 67,362)	248,762 (202,427, 310,761)	317,457 (272,876, 378,621)	396,552 (345,509, 458,861)	510,448 (450,236, 586,110)	542,012 (468,276, 645,149)	870,937 (651,326, 1,176,699)	0.5 (0.4, 0.9)	6.9 (5.7, 9.7)	13.0 (10.6, 16.2)	13.3 (11.5, 15.9)	12.0 (10.5, 13.9)	9.2 (8.2, 10.6)	5.9 (5.1, 7.0)	3.2 (2.4, 4.3)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	3,073 (1,693, 7,873)	30,471 (14,692, 50,248)	50,497 (27,436, 78,838)	58,869 (30,134, 92,324)	60,646 (28,789, 100,513)	55,847 (27,698, 95,539)	102,481 (57,267, 173,095)	0.0 (0.0, 0.0)	1.5 (0.8, 3.9)	5.4 (2.6, 9.0)	6.8 (3.7, 10.6)	8.5 (4.3, 13.3)	9.1 (4.3, 15.1)	6.5 (3.2, 11.2)	4.0 (2.2, 6.7)
Tuberculosis	0 (0, 0)	2,299 (873, 5,717)	23,738 (8,111, 42,540)	34,975 (11,908, 61,189)	42,291 (13,822, 74,498)	46,097 (14,689, 84,478)	40,121 (12,536, 78,116)	46,762 (14,487, 96,113)	0.0 (0.0, 0.0)	8.5 (3.2, 21.0)	22.0 (7.5, 39.5)	24.7 (8.4, 43.1)	25.4 (8.3, 44.8)	22.0 (7.0, 40.3)	17.5 (5.5, 34.1)	12.7 (3.9, 26.1)
HIV AIDS	0 (0, 0)	269 (189, 1,428)	3,444 (2,381, 5,608)	10,566 (7,171, 17,164)	10,220 (6,976, 16,221)	4,352 (2,946, 7,051)	1,284 (849, 2,182)	302 (190, 660)	0.0 (0.0, 0.0)	1.0 (0.7, 5.1)	3.0 (2.1, 4.9)	3.5 (2.4, 5.6)	3.8 (2.6, 6.0)	3.5 (2.3, 5.6)	3.1 (2.0, 5.2)	2.3 (1.4, 4.9)
Lower respiratory infections	0 (0, 0)	505 (258, 1,550)	3,289 (1,672, 5,610)	4,956 (3,009, 7,663)	6,358 (3,690, 10,054)	10,197 (5,798, 16,213)	14,442 (7,123, 24,838)	55,417 (25,480, 98,175)	0.0 (0.0, 0.0)	2.2 (1.1, 6.6)	6.2 (3.2, 10.6)	8.4 (5.1, 13.0)	8.5 (4.9, 13.4)	7.4 (4.2, 11.7)	5.1 (2.5, 8.9)	4.1 (1.9, 7.2)
Noncommunicable diseases	0 (0, 0)	5,997 (5,182, 7,899)	42,304 (36,931, 47,710)	111,176 (98,486, 123,455)	203,371 (179,943, 225,818)	330,932 (292,838, 372,508)	392,643 (330,041, 470,741)	656,706 (437,980, 925,953)	0.0 (0.0, 0.0)	3.2 (2.8, 4.2)	7.7 (6.7, 8.7)	11.2 (9.9, 12.4)	9.8 (8.7, 10.9)	7.6 (6.7, 8.6)	5.0 (4.2, 6.0)	2.8 (1.9, 3.9)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	1,094 (864, 1,551)	9,183 (7,384, 11,258)	30,653 (24,867, 37,282)	73,936 (62,154, 87,218)	102,619 (86,842, 120,572)	150,215 (127,076, 180,611)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.9 (0.7, 1.3)	3.4 (2.7, 4.2)	4.5 (3.7, 5.5)	5.2 (4.4, 6.1)	4.8 (4.0, 5.6)	3.6 (3.0, 4.3)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	224 (145, 336)	2,542 (1,815, 3,107)	6,678 (5,176, 7,865)	13,732 (11,277, 15,711)	14,915 (12,470, 17,164)	14,085 (11,956, 16,436)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	7.9 (5.1, 11.9)	30.2 (21.6, 36.9)	32.2 (25.0, 38.0)	35.4 (29.1, 40.5)	33.7 (28.2, 38.8)	27.8 (23.6, 32.4)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	63 (42, 93)	975 (714, 1,187)	4,250 (3,324, 4,981)	11,026 (9,184, 12,503)	12,356 (10,344, 14,072)	9,922 (8,245, 11,608)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	7.3 (4.9, 10.8)	28.5 (20.8, 34.7)	34.6 (27.1, 40.6)	39.9 (33.2, 45.2)	38.1 (31.9, 43.4)	29.6 (24.6, 34.7)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	53 (39, 76)	712 (587, 854)	4,519 (3,834, 5,243)	16,516 (13,851, 18,976)	27,076 (22,173, 31,703)	34,070 (27,083, 41,610)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.5 (2.5, 5.0)	12.8 (10.5, 15.3)	18.6 (15.8, 21.6)	22.4 (18.8, 25.7)	21.7 (17.7, 25.4)	17.2 (13.6, 21.0)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	248 (208, 315)	1,754 (1,431, 2,164)	4,823 (3,937, 5,885)	12,582 (10,336, 15,139)	22,287 (18,238, 26,701)	50,866 (41,686, 62,116)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.9 (3.3, 5.0)	9.6 (7.8, 11.8)	10.8 (8.8, 13.2)	12.4 (10.2, 14.9)	12.8 (10.5, 15.3)	11.4 (9.3, 13.9)
Liver cancer	0 (0, 0)	0 (0, 0)	507 (308, 869)	3,199 (1,818, 4,767)	10,383 (5,787, 15,756)	20,080 (11,445, 30,033)	25,985 (15,450, 38,653)	41,273 (25,034, 61,613)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.6 (3.4, 9.6)	11.5 (6.5, 17.2)	11.8 (6.6, 18.0)	12.4 (7.1, 18.6)	12.6 (7.5, 18.7)	12.4 (7.5, 18.5)

Cause of disease or injury	Alcohol-attributable deaths								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Breast cancer			178 (138, 282)	3,003 (2,335, 4,015)	6,743 (5,398, 8,675)	10,445 (8,500, 13,244)	9,238 (7,591, 11,667)	12,415 (10,202, 15,646)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.4 (1.9, 3.9)	7.1 (5.5, 9.5)	7.4 (5.9, 9.5)	8.1 (6.6, 10.3)	7.4 (6.1, 9.3)	6.5 (5.3, 8.2)
Larynx cancer			13 (10, 20)	210 (156, 268)	1,418 (1,070, 1,784)	4,753 (3,683, 5,850)	6,849 (5,276, 8,491)	7,283 (5,461, 9,216)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.2 (3.0, 6.4)	17.9 (13.3, 22.9)	21.7 (16.4, 27.3)	24.6 (19.0, 30.3)	24.0 (18.5, 29.8)	20.3 (15.2, 25.7)
Diabetes mellitus		-41 (-74, 98)	-362 (-564, -59)	-681 (-1,081, -14)	-1,958 (-3,148, -99)	-4,474 (-7,362, -163)	-7,816 (-13,080, 118)	-19,753 (-33,296, -1,782)	0.0 (0.0, 0.0)	-1.1 (-2.0, 2.7)	-2.8 (-4.4, 0.5)	-2.7 (-4.3, 0.1)	-2.6 (-4.2, 0.1)	-2.3 (-3.7, 0.1)	-2.0 (-3.4, 0.0)	-2.2 (-3.7, 0.2)
Alcohol use disorders		967 (967, 967)	7,748 (7,748, 7,748)	21,406 (21,406, 21,406)	31,222 (31,222, 31,222)	38,315 (38,315, 38,315)	28,103 (28,103, 28,103)	17,804 (17,804, 17,804)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)
Epilepsy		694 (538, 1,132)	3,278 (2,562, 4,068)	3,019 (2,376, 3,724)	2,651 (2,097, 3,223)	2,177 (1,724, 2,634)	1,844 (1,449, 2,275)	2,751 (2,205, 3,371)	0.0 (0.0, 0.0)	5.9 (4.6, 9.6)	15.2 (11.8, 18.8)	17.3 (13.6, 21.3)	18.7 (14.8, 22.7)	16.9 (13.4, 20.4)	14.4 (11.3, 17.8)	11.7 (9.4, 14.3)
Cardiovascular diseases		680 (517, 1,337)	4,328 (2,498, 7,061)	13,070 (8,287, 18,593)	30,099 (18,341, 41,639)	65,934 (5,590, 91,890)	107,708 (55,856, 168,906)	347,811 (134,789, 598,110)	0.0 (0.0, 0.0)	1.8 (1.4, 3.6)	3.2 (1.8, 5.2)	4.2 (2.6, 5.9)	4.1 (2.5, 5.6)	3.8 (2.4, 5.4)	3.1 (1.6, 4.9)	3.0 (1.2, 5.2)
Hypertensive heart disease		40 (29, 75)	457 (350, 590)	1,260 (989, 1,610)	3,204 (2,524, 4,102)	7,079 (5,590, 9,114)	12,846 (9,947, 16,817)	41,571 (31,747, 55,910)	0.0 (0.0, 0.0)	3.1 (2.2, 5.8)	9.1 (7.0, 11.8)	10.2 (8.0, 13.0)	10.4 (8.2, 13.3)	9.4 (7.4, 12.1)	8.2 (6.4, 10.7)	6.8 (5.2, 9.1)
Ischaemic heart disease		85 (-40, 325)	139 (-1,468, 2,186)	1,195 (-3,160, 5,273)	3,027 (-7,738, 10,852)	12,654 (-10,934, 31,285)	32,002 (-17,488, 77,544)	201,657 (-11,761, 401,402)	0.0 (0.0, 0.0)	0.8 (-0.4, 3.2)	0.3 (-2.8, 4.1)	0.8 (-2.0, 3.4)	0.8 (-1.9, 2.7)	1.3 (-1.2, 3.3)	1.8 (-1.0, 4.3)	3.3 (-0.2, 6.6)
Ischaemic stroke		-11 (-16, 138)	-75 (-125, 565)	-174 (-297, 521)	-838 (-1,329, 444)	-2,823 (-4,943, 1,082)	-10,280 (-19,119, 6,159)	-45,068 (-97,368, 53,270)	0.0 (0.0, 0.0)	-0.7 (-1.0, 8.6)	-1.3 (-2.1, 9.7)	-1.5 (-2.5, 4.4)	-2.2 (-3.6, 1.2)	-2.1 (-3.7, 0.8)	-2.0 (-3.7, 1.2)	-2.1 (-4.6, 2.5)
Haemorrhagic stroke		476 (338, 800)	3,044 (2,245, 4,131)	7,768 (5,842, 10,481)	20,968 (15,582, 28,277)	43,205 (32,197, 57,837)	68,579 (49,720, 95,338)	142,988 (104,336, 199,787)	0.0 (0.0, 0.0)	5.7 (4.1, 9.6)	10.4 (7.7, 14.1)	11.3 (8.5, 15.3)	11.8 (8.8, 16.0)	10.8 (8.0, 14.4)	9.7 (7.0, 13.4)	9.2 (6.7, 12.8)
Cardiomyopathy, myocarditis, endocarditis		89 (72, 356)	763 (734, 1,196)	3,021 (2,998, 3,313)	3,738 (3,712, 4,015)	5,819 (5,778, 6,319)	4,562 (4,498, 5,288)	6,662 (6,568, 7,494)	0.0 (0.0, 0.0)	1.9 (1.5, 7.4)	5.0 (4.8, 7.8)	12.3 (12.2, 13.5)	11.5 (11.4, 12.4)	12.3 (12.2, 13.3)	7.5 (7.4, 8.7)	3.8 (3.8, 4.3)
Digestive diseases		3,697 (2,981, 4,801)	26,027 (21,489, 29,787)	61,967 (52,086, 69,561)	102,541 (87,991, 114,514)	139,846 (122,325, 155,442)	144,097 (125,245, 163,225)	138,180 (119,086, 162,371)	0.0 (0.0, 0.0)	12.8 (10.3, 16.6)	28.4 (23.4, 32.5)	37.8 (31.7, 42.4)	39.9 (34.2, 44.5)	35.6 (31.2, 39.6)	27.9 (24.3, 31.6)	13.9 (11.9, 16.3)

Cause of disease or injury		Alcohol-attributable deaths							Population Attributable Fraction								
		0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Cirrhosis of the liver			3,593 (2,871, 4,703)	24,369 (19,967, 27,922)	58,145 (48,310, 65,466)	97,529 (83,255, 109,043)	134,702 (117,371, 150,135)	139,105 (120,520, 157,774)	130,695 (111,668, 154,038)	0.0 (0.0, 0.0)	28.8 (23.0, 37.7)	49.6 (40.7, 56.9)	54.0 (44.9, 60.8)	55.3 (47.2, 61.9)	52.5 (45.7, 58.5)	47.8 (41.4, 54.2)	38.9 (33.2, 45.8)
	0 (0, 0)																
Pancreatitis			104 (69, 175)	1,658 (1,138, 2,306)	3,822 (2,802, 5,007)	5,012 (3,614, 6,648)	5,144 (3,823, 6,838)	4,993 (3,648, 6,858)	7,485 (5,207, 10,933)	0.0 (0.0, 0.0)	11.0 (7.3, 18.5)	27.3 (18.7, 38.0)	32.2 (23.6, 42.2)	31.6 (22.8, 41.9)	28.3 (21.0, 37.6)	23.2 (17.0, 31.9)	18.5 (12.9, 27.0)
	0 (0, 0)																
Injuries		33,939 (24,852, 55,874)	38,649 (30,041, 55,306)	175,987 (132,734, 229,571)	155,784 (121,101, 199,599)	134,313 (105,956, 171,523)	118,870 (95,230, 150,613)	93,522 (75,533, 120,815)	111,750 (88,364, 150,409)	5.3 (3.9, 8.7)	12.8 (9.9, 18.3)	21.9 (16.5, 28.5)	24.0 (18.7, 30.8)	25.2 (19.9, 32.2)	23.2 (18.6, 29.4)	18.4 (14.8, 23.7)	12.1 (9.5, 16.2)
Unintentional injuries		33,939 (24,852, 55,874)	28,303 (22,000, 41,673)	116,260 (89,437, 156,872)	101,421 (79,935, 133,907)	94,461 (74,332, 124,706)	87,006 (68,821, 114,591)	73,167 (57,844, 97,747)	94,404 (72,182, 131,147)	5.9 (4.4, 9.8)	16.0 (12.5, 23.6)	26.1 (20.1, 35.3)	27.3 (21.5, 36.0)	27.6 (21.7, 36.5)	24.6 (19.5, 32.4)	19.1 (15.1, 25.5)	12.0 (9.2, 16.7)
Road injury		33,939 (24,852, 55,874)	20,533 (14,439, 32,255)	78,740 (55,955, 114,469)	62,508 (44,670, 90,113)	56,129 (39,962, 81,081)	48,048 (34,254, 70,620)	37,797 (27,049, 56,688)	33,073 (23,851, 51,278)	23.1 (16.9, 38.0)	20.2 (14.2, 31.8)	29.1 (20.7, 42.3)	30.0 (21.4, 43.2)	30.0 (21.3, 43.3)	27.5 (19.6, 40.4)	24.7 (17.7, 37.1)	20.8 (15.0, 32.2)
Poisonings			409 (260, 674)	2,543 (1,618, 3,561)	2,273 (1,509, 3,120)	2,342 (1,549, 3,222)	1,969 (1,333, 2,670)	1,718 (1,148, 2,401)	1,480 (965, 2,178)	0.0 (0.0, 0.0)	10.0 (6.3, 16.4)	20.7 (13.1, 28.9)	22.9 (15.2, 31.4)	21.8 (14.4, 30.0)	19.3 (13.1, 26.1)	13.9 (9.3, 19.4)	9.5 (6.2, 13.9)
	0 (0, 0)																
Falls			809 (499, 1,292)	5,398 (3,302, 7,581)	7,347 (4,633, 10,187)	9,340 (5,800, 12,989)	11,524 (7,197, 16,252)	12,814 (8,082, 18,589)	32,138 (20,579, 47,964)	0.0 (0.0, 0.0)	10.3 (6.4, 16.5)	22.4 (13.7, 31.5)	24.6 (15.5, 34.1)	25.4 (15.7, 35.3)	20.9 (13.0, 29.4)	13.5 (8.5, 19.6)	8.8 (5.7, 13.2)
	0 (0, 0)																
Fire, heat and hot substances			531 (352, 852)	2,813 (1,893, 3,963)	3,106 (2,230, 4,165)	2,614 (1,947, 3,375)	2,773 (2,113, 3,543)	2,362 (1,750, 3,116)	2,960 (2,148, 4,126)	0.0 (0.0, 0.0)	6.7 (4.4, 10.8)	14.7 (9.9, 20.7)	17.5 (12.5, 23.4)	20.9 (15.5, 26.9)	20.1 (15.3, 25.7)	15.5 (11.5, 20.5)	10.4 (7.5, 14.5)
	0 (0, 0)																
Drowning			2,708 (1,552, 4,430)	8,553 (5,129, 12,090)	7,214 (4,754, 9,806)	5,983 (3,958, 8,111)	5,109 (3,388, 6,928)	4,223 (2,749, 5,918)	4,320 (2,754, 6,384)	0.0 (0.0, 0.0)	11.6 (6.6, 19.0)	23.4 (14.1, 33.1)	26.0 (17.1, 35.3)	26.1 (17.3, 35.4)	22.6 (15.0, 30.6)	17.3 (11.2, 24.2)	11.5 (7.3, 16.9)
	0 (0, 0)																
Exposure to mechanical forces			786 (450, 1,307)	4,655 (2,677, 6,682)	4,573 (2,818, 6,377)	4,114 (2,572, 5,680)	3,443 (2,128, 4,848)	2,311 (1,417, 3,322)	1,635 (1,042, 2,440)	0.0 (0.0, 0.0)	10.8 (6.2, 18.0)	23.0 (13.2, 33.0)	24.9 (15.4, 34.8)	25.8 (16.2, 35.7)	23.1 (14.3, 32.5)	17.7 (10.8, 25.4)	10.5 (6.7, 15.7)
	0 (0, 0)																
Other unintentional injuries			2,526 (1,491, 4,087)	13,558 (8,169, 19,256)	14,400 (9,248, 19,753)	13,940 (9,215, 18,886)	14,141 (9,936, 18,840)	11,942 (8,185, 16,409)	18,798 (12,273, 27,275)	0.0 (0.0, 0.0)	10.4 (6.1, 16.8)	22.0 (13.3, 31.2)	24.4 (15.6, 33.4)	25.1 (16.6, 34.0)	22.9 (16.1, 30.5)	16.8 (11.5, 23.1)	11.3 (7.4, 16.4)
	0 (0, 0)																
Intentional injuries			10,346 (4,058, 18,841)	59,726 (24,058, 93,803)	54,363 (25,375, 81,565)	39,851 (19,052, 59,247)	31,863 (16,521, 46,935)	20,355 (10,704, 30,771)	17,346 (9,406, 27,018)	0.0 (0.0, 0.0)	8.2 (3.2, 14.9)	16.6 (6.7, 26.1)	19.7 (9.2, 29.5)	20.8 (10.0, 31.0)	20.0 (10.4, 29.4)	16.2 (8.5, 24.5)	12.3 (6.7, 19.2)
	0 (0, 0)																

Cause of disease or injury	Alcohol-attributable deaths								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Self-harm		4,491 (2,202, 7,716)	29,477 (14,112, 44,586)	31,085 (16,439, 45,298)	26,207 (13,415, 38,313)	23,767 (12,634, 34,727)	16,508 (8,529, 25,050)	15,484 (8,170, 24,265)	0.0 (0.0, 0.0)	8.5 (4.2, 14.6)	18.4 (8.8, 27.9)	23.0 (12.2, 33.6)	23.8 (12.2, 34.7)	21.9 (11.7, 32.1)	17.1 (8.9, 26.0)	12.8 (6.8, 20.1)
Interpersonal violence		5,855 (1,759, 11,248)	30,249 (9,453, 49,754)	23,278 (9,046, 36,561)	13,645 (5,658, 21,148)	8,096 (4,054, 12,334)	3,847 (2,139, 5,741)	1,862 (1,212, 2,740)	0.0 (0.0, 0.0)	11.1 (3.3, 21.2)	20.7 (6.5, 34.1)	22.4 (8.7, 35.1)	22.0 (9.1, 34.1)	20.1 (10.1, 30.7)	16.6 (9.2, 24.7)	11.1 (7.2, 16.4)

Table A5. Global alcohol-attributable premature deaths and cause in 2016 by sex and 95% uncertainty intervals

Cause of disease or injury	Men		Women		Total	
	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)
All Causes	1,635,768 (1,354,322, 1,956,578)	9.5 (7.9, 11.3)	461,122 (392,684, 635,474)	3.8 (3.2, 5.3)	2,096,890 (1,803,361, 2,502,738)	7.1 (6.1, 8.5)
Communicable, maternal, perinatal and nutritional conditions	209,878 (83,801, 351,133)	4.7 (1.9, 7.8)	49,525 (22,108, 121,246)	1.3 (0.6, 3.1)	259,403 (130,443, 425,336)	3.1 (1.5, 5.0)
Tuberculosis	156,414 (32,512, 288,818)	25.7 (5.3, 47.5)	33,107 (5,521, 91,119)	10.5 (1.7, 28.8)	189,521 (61,939, 346,539)	20.5 (6.7, 37.5)
HIV AIDS	22,667 (13,363, 34,806)	3.9 (2.3, 6.0)	7,468 (4,418, 22,791)	1.8 (1.1, 5.5)	30,135 (20,513, 49,654)	3.0 (2.1, 5.0)
Lower respiratory infections	30,798 (12,066, 53,435)	3.6 (1.4, 6.3)	8,949 (4,273, 19,241)	1.2 (0.6, 2.6)	39,747 (21,549, 65,929)	2.5 (1.4, 4.1)
Noncommunicable diseases	806,025 (678,824, 912,381)	8.1 (6.8, 9.2)	280,398 (227,655, 381,105)	4.0 (3.2, 5.4)	1,086,423 (943,421, 1,248,131)	6.4 (5.6, 7.4)
Malignant neoplasms	184,577 (150,737, 219,528)	6.8 (5.6, 8.1)	32,907 (25,564, 43,797)	1.6 (1.2, 2.1)	217,484 (182,111, 257,881)	4.5 (3.8, 5.4)
Lip and oral cavity cancer	32,438 (26,064, 37,412)	39.5 (31.7, 45.6)	5,653 (4,110, 7,629)	16.6 (12.1, 22.4)	38,090 (30,884, 44,183)	32.8 (26.6, 38.1)
Other pharynx cancers	26,319 (21,521, 30,111)	41.5 (33.9, 47.5)	2,350 (1,754, 3,178)	17.2 (12.8, 23.2)	28,669 (23,608, 32,836)	37.2 (30.6, 42.6)
Oesophagus cancer	43,934 (36,068, 50,885)	25.1 (20.6, 29.1)	4,943 (3,701, 6,819)	8.9 (6.7, 12.3)	48,876 (40,484, 56,852)	21.2 (17.6, 24.7)
Colon and rectum cancers	34,323 (27,259, 41,463)	17.0 (13.5, 20.5)	7,371 (4,363, 11,364)	5.1 (3.0, 7.9)	41,694 (34,150, 50,205)	12.0 (9.8, 14.5)
Liver cancer	47,564 (23,020, 74,494)	12.7 (6.1, 19.9)	12,591 (6,551, 21,210)	10.3 (5.4, 17.4)	60,155 (34,808, 90,079)	12.1 (7.0, 18.1)
Breast cancer	0 (0, 0)	0.0 (0.0, 0.0)	29,607 (23,961, 37,883)	7.5 (6.1, 9.6)	29,607 (23,961, 37,883)	7.5 (6.1, 9.6)
Larynx cancer	12,588 (9,560, 15,684)	25.2 (19.2, 31.4)	656 (445, 981)	10.5 (7.1, 15.7)	13,243 (10,195, 16,413)	23.6 (18.2, 29.2)
Diabetes mellitus	6,551 (539, 15,315)	1.9 (0.2, 4.4)	-21,882 (-30,508, -10,345)	-6.3 (-8.8, -3.0)	-15,331 (-25,309, -119)	-2.2 (-3.6, 0.0)
Alcohol use disorders	108,529 (108,529, 108,529)	100.0 (100.0, 100.0)	19,232 (19,232, 19,232)	100.0 (100.0, 100.0)	127,761 (127,761, 127,761)	100.0 (100.0, 100.0)
Epilepsy	10,734 (7,948, 13,537)	16.1 (11.9, 20.3)	2,929 (2,199, 4,243)	6.2 (4.7, 9.0)	13,663 (10,746, 17,056)	12.0 (9.5, 15.0)
Cardiovascular diseases	127,820 (43,027, 195,075)	3.2 (1.1, 5.0)	94,000 (45,019, 178,680)	3.8 (1.8, 7.1)	221,820 (126,584, 329,425)	3.4 (2.0, 5.1)
Hypertensive heart disease	20,557 (15,461, 25,183)	14.3 (10.8, 17.5)	4,330 (2,054, 9,906)	3.1 (1.5, 7.2)	24,887 (19,428, 32,308)	8.8 (6.9, 11.4)
Ischaemic heart disease	9,590 (-69,844, 62,507)	0.4 (-3.2, 2.8)	39,513 (-10,105, 99,599)	3.4 (-0.9, 8.5)	49,102 (-40,826, 127,464)	1.5 (-1.2, 3.8)
Ischaemic stroke	-4,240 (-13,316, 8,270)	-1.0 (-3.3, 2.0)	-9,961 (-17,797, 6,083)	-3.4 (-6.0, 2.1)	-14,202 (-25,829, 8,909)	-2.0 (-3.7, 1.3)
Haemorrhagic stroke	86,592 (57,277, 118,882)	10.8 (7.1, 14.8)	57,449 (34,253, 96,327)	9.5 (5.7, 15.9)	144,040 (105,923, 196,865)	10.2 (7.5, 14.0)
Cardiomyopathy, myocarditis, endocarditis	15,322 (15,120, 17,812)	11.8 (11.7, 13.7)	2,670 (2,670, 2,682)	3.9 (3.9, 3.9)	17,992 (17,792, 20,486)	9.1 (9.0, 10.3)
Digestive diseases	355,227 (292,762, 405,956)	35.4 (29.2, 40.5)	122,949 (105,226, 143,442)	23.2 (19.9, 27.1)	478,175 (412,119, 537,331)	31.2 (26.9, 35.1)
Cirrhosis of the liver	337,241 (276,426, 387,254)	51.9 (42.6, 59.7)	120,202 (102,633, 139,416)	44.7 (38.2, 51.9)	457,444 (392,295, 515,043)	49.8 (42.7, 56.1)
Pancreatitis	17,986 (12,251, 23,543)	35.5 (24.2, 46.4)	2,746 (1,021, 6,569)	11.3 (4.2, 27.0)	20,732 (15,094, 27,831)	27.6 (20.1, 37.1)
Injuries	619,864 (462,629, 823,819)	22.2 (16.6, 29.6)	131,199 (103,828, 183,702)	11.2 (8.9, 15.7)	751,063 (585,447, 983,302)	19.0 (14.8, 24.9)
Unintentional injuries	435,918 (326,614, 594,860)	23.6 (17.6, 32.1)	98,640 (80,760, 140,103)	12.5 (10.2, 17.7)	534,558 (417,221, 725,369)	20.2 (15.8, 27.4)
Road injury	269,871 (184,126, 402,578)	28.8 (19.7, 43.0)	67,822 (53,076, 101,014)	22.1 (17.3, 32.9)	337,693 (241,180, 501,100)	27.2 (19.4, 40.3)
Poisonings	8,618 (4,930, 12,599)	16.3 (9.3, 23.9)	2,637 (1,448, 4,375)	6.9 (3.8, 11.4)	11,255 (7,416, 15,647)	12.4 (8.1, 17.2)
Falls	40,750 (23,106, 59,762)	20.3 (11.5, 29.7)	6,482 (3,767, 10,716)	6.7 (3.9, 11.1)	47,232 (29,513, 66,890)	15.9 (9.9, 22.5)
Fire, heat and hot substances	9,863 (6,367, 13,614)	17.4 (11.2, 24.0)	4,337 (2,607, 7,026)	6.4 (3.9, 10.4)	14,200 (10,284, 19,014)	11.4 (8.3, 15.3)
Drowning	29,195 (17,120, 42,271)	14.9 (8.7, 21.6)	4,595 (2,628, 7,489)	5.2 (3.0, 8.5)	33,789 (21,529, 47,283)	11.9 (7.6, 16.6)
Exposure to mechanical forces	17,703 (9,939, 25,854)	18.2 (10.2, 26.6)	2,179 (1,229, 3,582)	5.8 (3.3, 9.6)	19,881 (12,061, 28,215)	14.8 (9.0, 21.0)
Other unintentional injuries	59,918 (35,857, 85,688)	19.3 (11.5, 27.6)	10,589 (6,752, 16,532)	6.8 (4.3, 10.6)	70,507 (46,245, 97,232)	15.1 (9.9, 20.8)
Intentional injuries	183,947 (65,800, 294,341)	19.7 (7.0, 31.5)	32,559 (14,213, 57,065)	8.6 (3.8, 15.1)	216,506 (99,768, 331,161)	16.5 (7.6, 25.2)
Self-harm	107,742 (43,690, 167,084)	24.8 (10.1, 38.5)	23,793 (9,576, 42,442)	10.0 (4.0, 17.8)	131,535 (67,331, 195,691)	19.6 (10.0, 29.1)
Interpersonal violence	76,204 (21,765, 127,416)	20.5 (5.9, 34.3)	8,766 (4,544, 14,634)	9.9 (5.1, 16.6)	84,970 (32,109, 136,785)	18.5 (7.0, 29.7)

PAF: Population Attributable Fraction

Table A6. Global alcohol-attributable years of life lost (YLL) by age and cause in 2016 among men and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable YLL								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	1,720,120 (1,257,595)	2,644,024 (2,021,911)	13,503,637 (10,469,545)	14,756,450 (12,121,924)	14,908,227 (12,515,804)	14,882,339 (12,783,815)	11,403,525 (9,472,871)	7,643,206 (5,393,308)	0.6 (0.4, 0.9)	8.9 (6.8, 13.0)	17.3 (13.4, 22.0)	17.7 (14.5, 21.2)	15.5 (13.0, 18.1)	11.7 (10.1, 13.5)	7.6 (6.3, 9.0)	4.2 (3.0, 5.6)
Communicable, maternal, perinatal and nutritional conditions	2,838,421 (0, 0)	3,857,198 (138,127, 58,681, 357,792)	17,151,403 (1,481,380, 517,955, 2,513,384)	17,659,686 (2,244,958, 951,677, 3,551,078)	17,373,212 (2,293,051, 958,772, 3,666,905)	17,130,296 (1,918,092, 747,099, 3,224,465)	13,141,171 (515,504, 2,320,432)	1,133,752 (477,803, 2,008,801)	0.0 (0.0, 0.0)	2.1 (0.9, 5.5)	9.3 (3.3, 15.9)	10.5 (4.5, 16.6)	11.7 (4.9, 18.7)	12.3 (4.8, 20.7)	9.8 (3.8, 17.2)	6.6 (2.8, 11.7)
Tuberculosis		104,018 (21,327, 273,191)	1,187,961 (247,852, 2,189,478)	1,603,609 (346,460, 2,836,326)	1,679,016 (349,878, 2,990,266)	1,477,452 (313,725, 2,707,065)	961,271 (188,378, 1,882,026)	612,803 (110,212, 1,276,270)	0.0 (0.0, 0.0)	10.3 (2.1, 27.1)	27.0 (5.6, 49.7)	30.1 (6.5, 53.2)	30.3 (6.3, 53.9)	27.1 (5.7, 49.6)	22.7 (4.5, 44.5)	17.6 (3.2, 36.7)
HIV AIDS		11,299 (6,815, 62,605)	139,753 (81,606, 216,252)	431,542 (251,611, 654,288)	380,645 (226,445, 571,028)	139,388 (82,742, 208,095)	31,506 (18,561, 47,237)	4,876 (2,677, 7,669)	0.0 (0.0, 0.0)	1.0 (0.6, 5.6)	3.8 (2.2, 5.8)	4.4 (2.6, 6.7)	4.7 (2.8, 7.1)	4.4 (2.6, 6.5)	4.0 (2.4, 6.0)	3.0 (1.6, 4.7)
Lower respiratory infections		22,810 (6,561, 66,038)	153,666 (48,701, 279,333)	209,808 (98,122, 339,020)	233,390 (102,468, 384,730)	301,252 (130,177, 499,262)	321,394 (108,931, 582,242)	516,073 (133,819, 1,005,582)	0.0 (0.0, 0.0)	2.5 (0.7, 7.3)	7.7 (2.4, 13.9)	10.5 (4.9, 16.9)	10.5 (4.6, 17.3)	9.6 (4.2, 15.9)	7.4 (2.5, 13.5)	6.1 (1.6, 11.8)
Noncommunicable diseases		256,488 (212,787, 350,810)	1,976,517 (1,668,650, 2,222,033)	4,848,778 (4,172,081, 5,329,387)	7,293,188 (6,298,076, 7,981,782)	9,252,941 (7,977,862, 10,239,928)	7,962,972 (6,454,242, 9,370,713)	5,324,958 (3,296,331, 7,531,279)	0.0 (0.0, 0.0)	3.4 (2.9, 4.7)	9.3 (7.9, 10.5)	14.5 (12.5, 15.9)	12.7 (11.0, 13.9)	9.5 (8.2, 10.5)	6.3 (5.1, 7.4)	3.4 (2.1, 4.8)
Malignant neoplasms			55,391 (41,255, 80,878)	430,216 (328,886, 535,681)	1,258,188 (992,667, 1,539,267)	2,513,842 (2,088,462, 2,948,148)	2,616,697 (2,192,573, 3,046,997)	1,932,408 (1,613,291, 2,310,857)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.3 (1.0, 1.9)	6.4 (4.9, 7.9)	8.1 (6.4, 9.9)	8.5 (7.0, 9.9)	7.2 (6.0, 8.4)	5.4 (4.5, 6.4)
Lip and oral cavity cancer			11,887 (6,925, 18,548)	122,686 (85,250, 150,775)	263,810 (201,459, 309,454)	435,214 (355,619, 494,329)	356,670 (295,659, 407,667)	172,736 (144,635, 198,894)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	8.4 (4.9, 13.1)	34.8 (24.2, 42.7)	38.3 (29.2, 44.9)	42.1 (34.4, 47.9)	41.6 (34.5, 47.6)	37.3 (31.2, 42.9)
Other pharynx cancers			2,984 (1,866, 4,581)	45,810 (33,164, 55,759)	177,820 (137,880, 207,605)	378,514 (312,399, 428,475)	320,220 (266,485, 365,285)	146,894 (120,860, 170,973)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	8.5 (5.3, 13.0)	33.7 (24.4, 41.0)	39.0 (30.2, 45.5)	43.6 (36.0, 49.4)	42.3 (35.2, 48.3)	34.9 (28.7, 40.7)
Oesophagus cancer			2,382 (1,695, 3,541)	30,024 (24,546, 35,842)	180,987 (151,677, 209,142)	553,464 (460,305, 634,840)	680,753 (552,564, 792,775)	464,019 (366,575, 561,539)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.4 (3.1, 6.6)	15.8 (12.9, 18.9)	22.6 (19.0, 26.2)	25.9 (21.5, 29.7)	25.6 (20.8, 29.8)	22.5 (17.8, 27.2)
Colon and rectum cancers			13,095 (10,996, 15,913)	76,058 (60,331, 92,857)	177,792 (140,177, 215,975)	377,640 (299,040, 458,552)	519,247 (413,431, 624,349)	603,843 (489,643, 723,395)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.7 (4.8, 7.0)	13.9 (11.0, 17.0)	15.4 (12.2, 18.7)	17.2 (13.6, 20.8)	18.0 (14.3, 21.6)	18.1 (14.7, 21.7)
Liver cancer			24,371 (12,361, 45,393)	145,228 (67,904, 228,519)	395,516 (183,040, 628,666)	601,629 (275,565, 938,227)	558,238 (216,258, 868,761)	435,489 (704,676)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.3 (2.7, 9.8)	11.8 (5.5, 18.5)	12.3 (5.7, 19.5)	13.0 (6.3, 20.3)	13.3 (6.6, 20.7)	13.2 (6.6, 21.4)
Breast cancer									0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 1.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Larynx cancer				10,409 (7,497, 13,390)	62,263 (46,160, 78,791)	167,381 (128,201, 207,594)	181,570 (137,923, 225,984)	109,426 (81,443, 138,940)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.6 (2.9, 7.3)	20.2 (14.6, 26.0)	23.0 (17.1, 29.2)	26.0 (19.9, 32.3)	25.7 (19.5, 32.0)	22.6 (16.8, 28.7)
Diabetes mellitus									0.0 (0.0, 0.0)	1.1 (0.1, 5.1)	1.8 (0.2, 4.1)	1.9 (0.2, 4.6)	1.9 (0.2, 4.6)	1.9 (0.2, 4.4)	1.9 (0.1, 4.3)	1.9 (0.0, 4.3)

Cause of disease or injury		Alcohol-attributable YLL							Population attributable fraction (%)								
		0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Alcohol use disorders		56,596	440,103	1,056,150	1,268,411	1,213,443	659,314	214,977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		(56,596,	(440,103,	(1,056,150,	(1,268,411,	(1,213,443,	(659,314,	(214,977,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,
	0 (0, 0)	56,596)	440,103)	1,056,150)	1,268,411)	1,213,443)	659,314)	214,977)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)
Epilepsy		38,189	166,473	136,019	101,608	65,004	41,594	27,791	0.0	6.8	18.9	22.0	23.5	23.1	21.1	21.1	18.5
		(26,409,	(121,257,	(100,867,	(76,415,	(48,833,	(31,023,	(20,807,	(0.0,	(4.7,	(13.7,	(16.3,	(17.7,	(17.3,	(15.7,	(13.8,	(13.8,
	0 (0, 0)	61,885)	209,359)	168,608)	124,338)	80,745)	52,139)	34,969)	0.0)	11.1)	23.7)	27.2)	28.8)	28.6)	26.4)	26.4)	23.2)
Cardiovascular diseases		23,378	166,466	463,443	827,819	1,452,874	1,678,427	1,672,241	0.0	1.6	3.0	4.0	3.7	3.6	3.0	2.3	(-
		(16,102,	(63,737,	(218,723,	(347,819,	(643,418,	(397,569,	(-310,131,	(0.0,	(1.1,	(1.1,	(1.9,	(1.5,	(1.6,	(0.7,	0.4,	(-
	0 (0, 0)	53,034)	285,093)	664,688)	1,115,051)	2,030,149)	2,756,178)	3,576,618)	0.0)	3.5)	5.1)	5.8)	5.0)	5.0)	4.9)	5.0)	5.0)
Hypertensive heart disease		1,995	23,622	57,137	119,912	214,587	300,862	440,295	0.0	4.5	12.7	14.8	15.5	14.9	14.0	13.1	
		(1,372,	(17,377,	(43,012,	(91,503,	(164,702,	(223,633,	(317,615,	(0.0,	(3.1,	(9.4,	(11.1,	(11.8,	(11.4,	(10.4,	(9.5,	
	0 (0, 0)	3,153)	28,756)	68,849)	144,692)	261,414)	370,864)	554,634)	0.0)	7.1)	15.5)	17.8)	18.7)	18.2)	17.3)	16.5)	16.5)
Ischaemic heart disease		339 (-	-17,535 (-	-86 (-	5,788 (-	115,464 (-	185,118 (-	204,552 (-	0.0	0.1 (-	-0.7 (-	0.0 (-	0.0 (-	0.5 (-	0.6 (-	0.5 (-	
		6,047,	111,597,	224,027,	419,109,	674,416,	1,011,054,	1,677,713,	(0.0,	1.3,	4.7,	3.5,	3.1,	2.8,	3.3,	4.4,	
	0 (0, 0)	10,215)	78,874)	160,525)	201,609)	512,765)	1,082,736)	2,011,852)	0.0)	2.3)	3.3)	2.5)	1.5)	2.1)	3.5)	5.3)	5.3)
Ischaemic stroke		-2,569 (-	-3,143 (-	-10,177 (-	-21,459 (-	-90,525 (-	-186,801 (-	-21,459 (-	0.0	-0.9 (-	-1.2 (-	-0.8 (-	-1.0 (-	-0.7 (-	-1.1 (-	-1.4 (-	
		-450 (-759,	5,409,	9,694,	29,738,	81,345,	277,301,	547,686,	(0.0,	1.5,	2.6,	2.6,	3.0,	2.7,	3.5,	4.1,	
	0 (0, 0)	999)	6,152)	10,545)	21,721)	68,263)	156,817)	255,042)	0.0)	2.0)	3.0)	2.8)	2.2)	2.3)	2.0)	1.9)	1.9)
Haemorrhagic stroke		15,573	119,227	259,529	558,446	959,892	1,176,011	1,158,889	0.0	4.9	9.9	11.3	11.8	11.2	10.6	10.2	
		(9,624,	(77,652,	(172,389,	(369,869,	(647,384,	(770,048,	(740,603,	(0.0,	(3.0,	(6.5,	(7.5,	(7.8,	(7.5,	(7.0,	(6.5,	
	0 (0, 0)	28,885)	163,177)	348,335)	749,711)	1,297,250)	1,637,367)	1,652,199)	0.0)	9.0)	13.6)	15.2)	15.8)	15.1)	14.8)	14.5)	14.5)
Cardiomyopathy , myocarditis, endocarditis		5,920	43,721	150,006	153,849	184,391	106,961	55,306	0.0	2.7	6.9	15.7	14.6	15.1	9.9	5.0	
		(4,698,	(41,758,	(148,682,	(152,610,	(182,840,	(105,177,	(53,871,	(0.0,	(2.1,	(6.6,	(15.6,	(14.4,	(15.0,	(9.8,	(4.9,	
	0 (0, 0)	25,833)	72,821)	166,795)	166,939)	202,695)	126,739)	68,629)	0.0)	11.6)	11.4)	17.5)	15.8)	16.6)	11.8)	6.2)	6.2)
Digestive diseases		136,885	1,140,375	2,747,920	3,800,519	3,934,653	2,872,821	1,372,186	0.0	12.6	30.9	41.3	43.1	39.4	32.3	19.2	
		(97,300,	(887,323,	(2,213,815,	(3,145,445,	(3,283,705,	(2,384,438,	(1,107,170,	(0.0,	(9.0,	(24.0,	(33.3,	(35.6,	(32.8,	(26.8,	(15.5,	
	0 (0, 0)	202,157)	1,334,432)	3,142,998)	4,305,043)	4,453,720)	3,301,783)	1,655,754)	0.0)	18.6)	36.2)	47.2)	48.8)	44.5)	37.1)	23.1)	23.1)
Cirrhosis of the liver		131,105	1,043,537	2,551,888	3,588,782	3,770,671	2,756,796	1,288,607	0.0	26.0	50.2	54.8	56.1	53.9	50.7	42.7	
		(91,197,	(800,962,	(2,034,172,	(2,941,875,	(3,148,755,	(2,275,575,	(1,027,984,	(0.0,	(18.1,	(38.5,	(43.7,	(46.0,	(45.0,	(41.8,	(34.0,	
	0 (0, 0)	195,864)	1,232,513)	2,934,807)	4,079,575)	4,290,790)	3,181,936)	1,565,605)	0.0)	38.9)	59.3)	63.1)	63.7)	61.3)	58.5)	51.8)	51.8)
Pancreatitis		5,781	96,838	196,032	211,737	163,982	116,025	83,579	0.0	14.6	32.7	37.4	37.9	36.7	33.5	30.3	
		(3,674,	(62,732,	(136,562,	(142,141,	(114,292,	(78,374,	(54,133,	(0.0,	(9.3,	(21.2,	(26.1,	(25.4,	(25.6,	(22.6,	(19.6,	
	0 (0, 0)	8,959)	131,185)	254,861)	276,043)	211,118)	153,456)	113,358)	0.0)	22.7)	44.3)	48.7)	49.4)	47.3)	44.2)	41.1)	41.1)
Injuries		1,720,120	2,249,409	10,045,740	7,662,714	5,321,989	3,711,305	2,126,382	5.3	14.3	24.5	26.8	28.2	27.0	23.3	16.8	
		(1,257,595,	(1,614,575,	(7,216,269,	(5,736,516,	(4,031,974,	(2,841,353,	(1,637,457,	(3.9,	(10.3,	(17.6,	(20.1,	(21.4,	(20.7,	(18.0,	(12.4,	
	0 (0, 0)	2,838,421)	3,325,347)	13,414,526)	9,983,613)	6,904,277)	4,782,682)	2,798,248)	1,645,518)	8.7)	21.1)	32.7)	35.0)	36.6)	30.7)	23.3)	23.3)
Unintentional injuries		1,720,120	1,635,276	6,635,716	4,957,725	3,719,715	2,693,361	1,645,188	5.9	17.2	28.5	30.2	30.5	28.4	24.1	17.0	
		(1,257,595,	(1,213,427,	(4,902,893,	(3,759,354,	(2,819,600,	(2,037,153,	(1,219,275,	(4.3,	(12.7,	(21.0,	(22.9,	(23.1,	(21.5,	(17.9,	(12.0,	
	0 (0, 0)	2,838,421)	2,462,392)	9,029,797)	6,613,212)	4,943,476)	3,578,531)	2,230,358)	1,397,590)	9.8)	25.9)	38.8)	40.2)	40.6)	37.8)	32.7)	24.5)

Cause of disease or injury	Alcohol-attributable YLL								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Road injury	1,720,120															
	(1,257,595	1,184,015	4,523,324	3,056,103	2,177,914	1,448,109	810,261	364,051	22.8	20.4	30.2	31.6	31.9	29.9	27.4	22.4
Poisonings	, 2,838,421)	(780,241, 1,902,927)	(3,074,769, 6,643,881)	(2,101,557, 4,445,989)	(1,480,128, 3,186,244)	(973,393, 2,138,892)	(545,869, 1,218,102)	(247,085, 568,197)	(16.7, 37.6)	(13.5, 32.8)	(20.5, 44.4)	(21.7, 45.9)	(21.7, 46.7)	(20.1, 44.2)	(18.5, 41.2)	(15.2, 35.0)
		20,256	129,673	101,255	84,027	58,327	37,919	17,438	0.0	11.4	25.1	27.7	27.3	26.1	21.2	13.5
Falls	0 (0, 0)	(9,930, 35,489)	(68,968, 193,012)	(58,584, 145,032)	(48,490, 121,150)	(35,425, 83,018)	(22,350, 55,875)	(9,376, 27,875)	(0.0, 0.0)	(5.6, 20.0)	(13.3, 37.3)	(16.0, 39.7)	(15.7, 39.3)	(15.8, 37.1)	(12.5, 31.2)	(7.3, 21.6)
		45,168	307,226	371,011	389,173	375,918	303,752	307,498	0.0	11.8	25.5	27.3	28.1	25.5	20.0	13.9
Fire, heat and hot substances	0 (0, 0)	(23,223, 78,590)	(167,966, 449,315)	(215,029, 528,359)	(224,496, 557,364)	(215,959, 548,663)	(169,251, 458,043)	(161,669, 495,688)	(0.0, 0.0)	(6.1, 20.6)	(13.9, 37.3)	(15.8, 38.9)	(16.2, 40.2)	(14.7, 37.3)	(11.2, 30.2)	(7.3, 22.3)
		17,030	109,565	119,948	90,822	80,571	51,666	29,230	0.0	10.4	22.9	26.8	29.9	29.4	24.5	16.4
Drowning	0 (0, 0)	(8,601, 30,593)	(60,693, 162,136)	(75,963, 165,750)	(61,018, 120,899)	(56,184, 105,816)	(34,732, 70,476)	(17,642, 43,278)	(0.0, 0.0)	(5.2, 18.6)	(12.7, 33.8)	(17.0, 37.1)	(20.1, 39.7)	(20.5, 38.6)	(16.4, 33.4)	(9.9, 24.2)
		169,736	506,240	362,273	242,959	165,166	100,782	50,017	0.0	12.8	26.0	29.3	29.5	27.2	23.0	16.8
Exposure to mechanical forces	0 (0, 0)	(85,129, 289,539)	(277,982, 743,228)	(222,703, 506,772)	(148,484, 339,609)	(102,811, 232,513)	(59,286, 145,926)	(27,082, 76,914)	(0.0, 0.0)	(6.4, 21.8)	(14.3, 38.2)	(18.0, 41.0)	(18.0, 41.2)	(16.9, 38.3)	(13.5, 33.4)	(9.1, 25.8)
		49,594	282,176	235,223	170,242	115,718	58,128	20,619	0.0	12.1	25.1	27.6	29.0	27.0	23.1	15.0
Other unintentional injuries	0 (0, 0)	(24,861, 85,463)	(149,976, 417,642)	(134,780, 336,388)	(98,790, 243,977)	(66,906, 166,348)	(32,557, 85,828)	(11,275, 31,996)	(0.0, 0.0)	(6.0, 20.8)	(13.3, 37.2)	(15.8, 39.5)	(16.9, 41.6)	(15.6, 38.8)	(12.9, 34.1)	(8.2, 23.3)
		149,476	777,513	711,911	564,578	449,551	282,680	182,856	0.0	11.9	25.5	28.5	29.0	27.8	22.5	16.4
Intentional injuries	0 (0, 0)	(74,311, 258,198)	(416,100, 1,155,280)	(424,303, 1,011,203)	(345,606, 790,731)	(290,618, 616,634)	(175,660, 401,685)	(99,795, 281,015)	(0.0, 0.0)	(5.9, 20.5)	(13.7, 37.9)	(17.0, 40.5)	(17.8, 40.6)	(17.9, 38.1)	(14.0, 32.0)	(9.0, 25.2)
		614,133	3,410,025	2,704,989	1,602,274	1,017,944	481,195	212,788	0.0	9.9	19.3	22.3	23.9	23.9	20.9	15.7
Self-harm	0 (0, 0)	(134,721, 1,209,097)	(974,972, 5,636,292)	(1,026,707, 4,225,990)	(601,047, 2,487,083)	(442,915, 1,556,177)	(200,751, 759,774)	(87,239, 359,707)	(0.0, 0.0)	(2.2, 19.5)	(5.5, 31.8)	(8.5, 34.9)	(9.0, 37.1)	(10.4, 36.5)	(8.7, 33.0)	(6.4, 26.6)
		223,962	1,549,035	1,497,803	1,028,113	752,959	389,694	191,212	0.0	11.7	23.9	27.6	28.3	27.2	22.8	16.7
Interpersonal violence	0 (0, 0)	(57,603, 423,646)	(543,215, 2,481,380)	(657,153, 2,261,693)	(417,016, 1,556,979)	(333,366, 1,135,193)	(159,944, 618,230)	(77,082, 322,790)	(0.0, 0.0)	(3.0, 22.1)	(8.4, 38.3)	(12.1, 41.7)	(11.5, 42.8)	(12.0, 41.0)	(9.3, 36.1)	(6.7, 28.2)
		390,171	1,860,990	1,207,186	574,162	264,985	91,501	21,575	0.0	11.9	22.3	24.2	23.9	21.9	19.1	12.4
	0 (0, 0)	(78,173, 782,855)	(425,148, 3,155,446)	(359,817, 1,969,616)	(180,917, 930,337)	(108,043, 419,895)	(41,087, 144,597)	(10,123, 36,176)	(0.0, 0.0)	(2.4, 23.9)	(5.1, 37.9)	(7.2, 39.5)	(7.5, 38.7)	(8.9, 34.8)	(8.6, 30.2)	(5.8, 20.8)

Table A7. Global alcohol-attributable years of life lost (YLL) by age and cause in 2016 among women and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable YLL								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	1,183,488 (868,328, 1,944,651)	913,204 (778,992, 1,354,115)	3,118,517 (2,594,273, 4,234,522)	3,361,456 (2,951,155, 4,508,630)	3,770,391 (3,366,000, 4,902,342)	4,166,028 (3,676,889, 5,560,159)	3,866,246 (3,137,969, 5,571,895)	4,754,634 (2,992,335, 7,508,328)	0.4 (0.3, 0.7)	4.2 (3.6, 6.2)	6.2 (5.2, 8.5)	6.4 (5.6, 8.6)	6.4 (5.7, 8.3)	5.3 (4.7, 7.1)	3.7 (3.0, 5.3)	2.6 (1.6, 4.1)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	90,918 (36,867, 290,917)	545,541 (207,288, 1,260,780)	629,702 (312,466, 1,472,727)	486,890 (233,042, 1,150,663)	351,106 (150,951, 901,780)	267,100 (115,166, 682,615)	296,448 (136,884, 703,161)	0.0 (0.0, 0.0)	1.1 (0.4, 3.4)	2.5 (1.0, 5.8)	3.0 (1.5, 7.0)	3.7 (1.8, 8.6)	3.8 (1.6, 9.7)	2.6 (1.1, 6.7)	1.7 (0.8, 4.0)
Tuberculosis	0 (0, 0)	67,361 (11,070, 221,826)	392,235 (55,873, 1,008,703)	390,579 (67,324, 1,009,308)	315,086 (54,989, 825,805)	247,350 (43,229, 708,025)	176,526 (29,463, 535,327)	120,551 (19,703, 398,149)	0.0 (0.0, 0.0)	6.6 (1.1, 21.8)	14.0 (2.0, 36.1)	14.1 (2.4, 36.6)	13.7 (2.4, 36.0)	10.4 (1.8, 29.9)	8.2 (1.4, 24.8)	5.3 (0.9, 17.7)
HIV AIDS	0 (0, 0)	8,736 (5,377, 54,687)	87,506 (51,004, 210,175)	166,368 (97,333, 481,505)	105,762 (62,731, 325,116)	26,323 (16,340, 100,128)	5,730 (3,496, 27,102)	643 (386, 6757)	0.0 (0.0, 0.0)	0.9 (0.6, 5.7)	2.3 (1.3, 5.4)	2.2 (1.3, 6.5)	2.2 (1.3, 6.8)	1.6 (1.0, 6.2)	1.4 (0.9, 6.6)	0.8 (0.5, 8.2)
Lower respiratory infections	0 (0, 0)	56,254 (5,375, 26,710)	139,173 (26,710, 40,362)	143,788 (40,362, 35,336)	130,385 (35,336, 38,906)	161,138 (38,906, 36,780)	189,913 (36,780, 65,111)	382,312 (65,111, 382,312)	0.0 (0.0, 0.0)	6.7 (0.6, 9.1)	9.1 (1.7, 3.0)	10.6 (3.0, 10.6)	10.0 (2.7, 10.0)	8.0 (1.9, 8.0)	5.6 (1.1, 5.6)	4.3 (0.7, 4.3)
Noncommunicable diseases	0 (0, 0)	190,579 (153,662, 255,041)	831,289 (696,746, 1,037,576)	1,459,239 (1,277,608, 2,866,697)	2,252,836 (1,930,550, 4,049,462)	3,068,072 (2,570,983, 4,480,176)	3,056,673 (2,315,397, 6,581,919)	4,043,412 (2,299,378, 6,581,919)	0.0 (0.0, 0.0)	2.9 (2.4, 3.9)	5.4 (4.5, 6.8)	6.4 (5.6, 7.8)	5.7 (4.9, 7.3)	4.8 (4.0, 6.4)	3.4 (2.6, 5.0)	2.5 (1.4, 4.1)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	27,671 (22,193, 41,062)	268,136 (220,862, 346,697)	550,886 (464,872, 696,119)	794,378 (685,350, 986,627)	692,441 (590,042, 866,998)	625,939 (502,358, 814,291)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.8 (0.6, 1.1)	3.2 (2.6, 4.1)	3.4 (2.9, 4.3)	3.4 (2.9, 4.2)	2.9 (2.5, 3.7)	2.5 (2.0, 3.3)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	2,552 (1,694, 3,878)	20,043 (14,421, 26,688)	48,654 (34,288, 65,564)	74,266 (54,480, 99,366)	61,673 (45,260, 83,940)	44,024 (32,574, 61,031)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.5 (3.6, 8.3)	16.6 (11.9, 22.1)	17.3 (12.2, 23.3)	18.2 (13.3, 24.3)	16.1 (11.8, 21.9)	15.1 (11.2, 20.9)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	1,079 (697, 1,757)	5,802 (13,552, 11,799)	27,113 (40,539, 27,113)	40,539 (57,160, 40,539)	57,160 (72,457, 57,160)	72,457 (11,612, 22,031)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.9 (3.2, 8.0)	15.5 (10.4, 21.2)	17.0 (11.7, 23.5)	19.2 (14.7, 25.4)	17.2 (13.2, 23.4)	14.6 (10.9, 20.6)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	1,038 (613, 1,861)	10,006 (7,123, 14,295)	27,320 (20,048, 39,020)	57,160 (44,606, 76,691)	72,457 (53,375, 100,479)	67,726 (46,376, 101,913)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.2 (1.3, 3.9)	8.0 (5.7, 11.5)	8.4 (6.2, 12.0)	9.6 (7.5, 12.9)	8.9 (6.5, 12.3)	7.3 (5.0, 11.1)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	2,906 (1,339, 5,507)	23,153 (13,732, 35,689)	47,011 (28,788, 72,050)	87,895 (54,012, 132,698)	97,895 (60,330, 152,874)	122,015 (60,330, 201,223)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.5 (0.7, 2.8)	4.7 (2.8, 7.3)	5.0 (3.1, 7.7)	5.6 (3.4, 8.5)	5.0 (2.9, 7.9)	4.2 (2.1, 7.0)
Liver cancer	0 (0, 0)	0 (0, 0)	8,400 (4,145, 15,088)	35,568 (18,871, 60,199)	88,716 (47,059, 149,224)	145,921 (76,800, 244,008)	167,083 (85,615, 282,505)	190,783 (92,551, 326,379)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	6.1 (3.0, 10.9)	10.6 (5.6, 17.9)	10.1 (5.4, 17.0)	10.4 (5.5, 17.4)	10.6 (5.4, 18.0)	10.9 (5.3, 18.6)
Breast cancer	0 (0, 0)	0 (0, 0)	11,498 (8,888, 18,178)	169,356 (131,667, 226,473)	316,251 (253,056, 406,930)	390,233 (317,504, 494,932)	257,990 (211,916, 325,914)	179,449 (147,623, 226,094)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.4 (1.9, 3.8)	7.1 (5.5, 9.5)	7.4 (5.9, 9.6)	8.2 (6.6, 10.3)	7.4 (6.1, 9.4)	6.7 (5.5, 8.4)
Larynx cancer	0 (0, 0)	0 (0, 0)	198 (96, 390)	1,386 (855, 2,107)	2,185 (4,956, 2,107)	5,751 (12,098, 5,751)	6,247 (13,939, 6,247)	3,835 (10,216, 3,835)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.0 (1.4, 5.8)	9.6 (5.9, 14.6)	10.2 (6.8, 15.3)	11.3 (7.9, 16.6)	10.6 (7.2, 16.1)	8.6 (5.2, 13.8)
Diabetes mellitus	0 (0, 0)	-4,518 (-6,554, 1,422)	-31,800 (-73,474, 15,464)	-53,636 (-107,256, 25,853)	-127,679 (-175,256, 63,303)	-238,273 (-332,502, 117,832)	-317,175 (-443,835, 146,480)	-353,935 (-504,730, 166,953)	0.0 (0.0, 0.0)	-3.2 (-4.6, 1.0)	-7.7 (-10.7, 3.7)	-8.2 (-11.3, 4.0)	-8.0 (-9.5, 4.0)	-6.8 (-9.5, 3.4)	-5.8 (-8.1, 2.7)	-4.9 (-7.1, 2.3)
Alcohol use disorders	0 (0, 0)	15,517 (15,517, 15,517)	72,082 (72,082, 72,082)	161,981 (161,981, 161,981)	202,109 (202,109, 202,109)	222,743 (222,743, 222,743)	136,277 (136,277, 136,277)	70,148 (70,148, 70,148)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)

Cause of disease or injury	Alcohol-attributable YLL								Population Attributable Fraction								
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	
Epilepsy		13,564 (10,037, 26,230)	53,064 (38,945, 75,940)	36,301 (27,654, 52,334)	23,984 (18,299, 33,406)	16,806 (12,637, 23,335)	10,622 (8,016, 14,943)	10,647 (8,187, 14,920)	0.0 (0.0, 0.0)	4.3 (3.2, 8.2)	9.3 (6.8, 13.4)	9.5 (7.3, 13.7)	9.9 (7.6, 13.9)	8.3 (6.2, 11.5)	6.7 (5.0, 9.4)	5.8 (4.5, 8.1)	
Cardiovascular diseases		27,300 (17,089, 58,652)	121,117 (51,097, 251,237)	277,069 (142,172, 515,726)	582,055 (299,759, 1,068,450)	985,884 (512,975, 1,817,671)	1,334,779 (596,187, 2,595,653)	2,884,235 (1,083,374, 5,274,465)	0.0 (0.0, 0.0)	2.2 (1.4, 4.7)	3.4 (1.4, 7.1)	4.4 (2.3, 8.2)	4.8 (2.5, 8.7)	4.3 (2.3, 8.0)	3.4 (1.5, 6.6)	3.6 (1.4, 6.6)	
Hypertensive heart disease		993 (467, 2,796)	6,721 (3,065, 12,894)	14,114 (6,738, 28,879)	29,718 (14,159, 62,395)	47,327 (22,806, 104,401)	57,882 (27,153, 139,787)	102,275 (47,653, 248,083)	0.0 (0.0, 0.0)	1.9 (0.9, 5.4)	4.5 (2.1, 8.7)	4.5 (2.1, 9.2)	4.5 (2.1, 9.4)	3.5 (1.7, 7.7)	2.7 (1.3, 6.4)	2.2 (1.0, 5.4)	
Ischaemic heart disease		6,027 (-673, 19,087)	26,869 (-36,692, 121,105)	67,719 (-56,112, 246,142)	136,486 (-111,984, 493,986)	345,793 (-110,114, 952,016)	705,871 (-89,078, 1,583,663)	2,250,207 (324,206, 3,913,283)	0.0 (0.0, 0.0)	1.9 (-0.2, 6.1)	2.3 (-3.1, 10.2)	2.7 (-2.2, 9.8)	2.5 (-2.1, 9.1)	3.2 (-1.0, 8.8)	3.7 (-0.5, 8.3)	5.4 (0.8, 9.5)	
Ischaemic stroke		-355 (-692, 10,535)	4,754 (37,094, 83,471)	10,638 (27,498, 179,873)	44,481 (10,541, 421,209)	133,873 (3,886, 643,470)	357,553 (119,309, 741,635)	908,325 (608,166, 873,892)	0.0 (0.0, 0.0)	-0.5 (15.0, 6.6)	-1.3 (20.3, 11.2)	-2.3 (9.5, 11.3)	-3.9 (1.5, 11.9)	-4.4 (0.2, 10.2)	-3.2 (2.0, 8.7)	-2.5 (4.1, 7.7)	
Haemorrhagic stroke		19,936 (11,170, 37,260)	83,471 (48,443, 140,783)	179,873 (107,445, 301,407)	421,209 (249,979, 700,498)	643,470 (387,295, 1,071,963)	741,635 (440,390, 1,248,304)	873,892 (536,922, 1,470,015)	0.0 (0.0, 0.0)	6.6 (3.7, 12.4)	11.2 (6.5, 18.8)	11.3 (6.7, 18.9)	11.9 (7.1, 19.8)	10.2 (6.2, 17.0)	8.7 (5.2, 14.6)	7.7 (4.7, 13.0)	
Cardiomyopathy, myocarditis, endocarditis		698 (697, 763)	6,406 (6,403, 6,536)	22,074 (22,070, 22,186)	23,156 (23,153, 23,250)	32,387 (32,384, 32,471)	23,177 (23,174, 23,270)	32,661 (32,654, 32,802)	0.0 (0.0, 0.0)	0.5 (0.5, 0.6)	1.7 (1.7, 1.7)	4.9 (4.9, 4.9)	4.9 (4.9, 4.9)	5.9 (5.9, 5.9)	3.8 (3.8, 3.8)	2.8 (2.8, 2.8)	
Digestive diseases		138,717 (106,014, 180,452)	589,155 (479,834, 696,214)	769,389 (663,387, 881,615)	1,021,481 (891,927, 1,159,702)	1,286,535 (1,115,969, 1,483,950)	1,199,730 (1,018,451, 1,425,129)	806,377 (671,581, 1,013,490)	0.0 (0.0, 0.0)	12.9 (9.9, 16.8)	24.2 (19.7, 28.7)	28.7 (24.7, 32.9)	31.2 (27.3, 35.5)	27.8 (24.1, 32.0)	21.8 (18.5, 25.9)	11.5 (9.6, 14.4)	
Cirrhosis of the liver		136,720 (104,038, 177,924)	576,412 (469,316, 672,731)	747,867 (641,877, 849,941)	996,962 (865,663, 1,122,797)	1,258,845 (1,092,133, 1,445,173)	1,174,918 (995,632, 1,390,024)	780,190 (643,852, 979,473)	0.0 (0.0, 0.0)	32.1 (24.5, 41.8)	48.4 (39.4, 56.5)	51.1 (43.9, 58.1)	52.9 (45.9, 59.5)	48.6 (42.1, 55.7)	43.2 (36.6, 51.2)	34.6 (28.6, 43.5)	
Pancreatitis		1,997 (447, 5,760)	12,742 (3,184, 33,995)	21,522 (9,454, 48,096)	24,518 (7,703, 61,525)	27,690 (10,540, 66,283)	24,812 (9,970, 57,330)	26,187 (9,129, 60,413)	0.0 (0.0, 0.0)	6.4 (1.4, 18.6)	11.9 (3.0, 31.7)	14.2 (6.2, 31.7)	13.0 (4.1, 32.6)	12.0 (4.5, 28.6)	9.8 (4.0, 22.8)	8.5 (2.9, 19.5)	
Injuries		1,183,488 (868,328, 1,944,651)	631,707 (500,245, 917,457)	1,741,687 (1,310,891, 2,413,762)	1,272,514 (1,010,716, 1,723,550)	1,030,665 (817,598, 1,391,671)	746,850 (621,288, 1,006,065)	542,473 (453,160, 750,356)	414,773 (340,266, 610,033)	5.1 (3.7, 8.3)	9.2 (7.3, 13.4)	13.4 (10.1, 18.5)	14.8 (11.7, 20.0)	16.2 (12.9, 21.9)	13.5 (11.3, 18.2)	10.6 (8.8, 14.6)	7.0 (5.7, 10.2)
Unintentional injuries		1,183,488 (868,328, 1,944,651)	474,577 (391,324, 687,743)	1,153,300 (946,103, 1,585,512)	854,860 (710,955, 1,164,704)	743,891 (615,273, 1,016,224)	567,817 (482,375, 783,100)	439,556 (368,829, 619,105)	360,141 (289,021, 543,285)	5.8 (4.2, 9.5)	13.1 (10.8, 19.0)	17.5 (14.4, 24.1)	17.7 (14.7, 24.0)	18.7 (15.4, 25.5)	15.0 (12.7, 20.7)	11.2 (9.4, 15.8)	7.0 (5.6, 10.6)
Road injury		1,183,488 (868,328, 1,944,651)	346,597 (272,058, 512,959)	754,239 (594,055, 1,072,680)	528,713 (425,306, 750,096)	475,500 (380,658, 683,122)	357,325 (283,989, 525,478)	263,087 (208,856, 392,539)	158,992 (127,514, 240,601)	23.4 (17.1, 38.4)	19.6 (15.4, 29.0)	23.5 (18.5, 33.4)	23.2 (18.6, 32.9)	23.4 (18.7, 33.6)	20.6 (16.4, 30.3)	19.6 (15.6, 29.3)	17.6 (14.1, 26.7)
Poisonings		10,256 (5,242, 19,919)	41,073 (21,674, 68,064)	29,241 (16,437, 47,315)	27,026 (14,706, 44,067)	15,531 (8,749, 25,348)	11,438 (6,485, 19,228)	5,229 (3,408, 8,896)	0.0 (0.0, 0.0)	7.9 (4.1, 15.4)	13.1 (6.9, 21.8)	14.3 (8.1, 23.2)	13.3 (7.2, 21.7)	9.8 (5.5, 15.9)	6.8 (3.9, 11.5)	4.7 (3.1, 8.0)	

Cause of disease or injury	Alcohol-attributable YLL								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Falls		15,109	52,799	48,428	50,907	52,804	61,127	102,916	0.0	7.5	13.1	14.2	14.6	9.1	5.6	4.2
		(8,082,	(29,614,	(28,810,	(29,392,	(30,636,	(35,917,	(63,386,	(0.0,	(4.0,	(7.3,	(8.4,	(8.4,	(5.3,	(3.3,	(2.6,
Fire, heat and hot substances	0 (0, 0)	27,319)	84,418)	75,937)	80,844)	86,509)	105,602)	183,967)	0.0)	13.6)	20.9)	22.3)	23.1)	14.9)	9.6)	7.4)
		22,587	79,039	57,657	32,482	23,138	15,999	13,275	0.0	5.3	9.8	10.1	11.3	9.6	7.5	5.8
Drowning		(10,511,	(41,547,	(33,709,	(20,548,	(16,287,	(11,260,	(10,106,	(0.0,	(2.5,	(5.1,	(5.9,	(7.2,	(6.7,	(5.3,	(4.4,
	0 (0, 0)	41,377)	132,350)	93,301)	50,999)	35,291)	24,933)	20,983)	0.0)	9.7)	16.4)	16.3)	17.8)	14.6)	11.6)	9.2)
Exposure to mechanical forces		32,164	67,936	51,206	40,190	26,420	20,186	14,831	0.0	7.8	13.3	14.4	15.4	10.9	8.2	5.5
		(16,766,	(37,532,	(30,817,	(23,451,	(15,405,	(11,445,	(8,806,	(0.0,	(4.1,	(7.4,	(8.7,	(9.0,	(6.3,	(4.7,	(3.3,
Other unintentional injuries	0 (0, 0)	58,477)	110,234)	79,674)	63,316)	42,599)	34,227)	26,614)	0.0)	14.1)	21.6)	22.4)	24.3)	17.6)	13.9)	9.8)
		9,022	28,659	26,895	23,806	13,614	8,387	4,438	0.0	7.0	12.4	13.6	14.4	10.4	7.3	4.7
Intentional injuries		(4,683,	(15,568,	(15,256,	(13,289,	(8,082,	(4,858,	(2,883,	(0.0,	(3.6,	(6.7,	(7.7,	(8.0,	(6.2,	(4.2,	(3.0,
	0 (0, 0)	16,712)	46,532)	43,088)	38,820)	22,036)	14,312)	8,000)	0.0)	12.9)	20.1)	21.8)	23.5)	16.9)	12.4)	8.4)
Self-harm		38,843	129,554	112,721	93,981	78,984	59,332	60,461	0.0	7.0	11.9	12.7	13.8	11.4	8.1	5.8
		(20,261,	(72,261,	(70,540,	(60,566,	(54,942,	(40,583,	(38,053,	(0.0,	(3.7,	(6.6,	(8.0,	(8.9,	(7.9,	(5.5,	(3.7,
Interpersonal violence	0 (0, 0)	72,340)	212,022)	176,563)	144,308)	115,863)	90,745)	99,723)	0.0)	13.1)	19.5)	19.9)	21.2)	16.7)	12.4)	9.6)
		157,130	588,387	417,654	286,774	179,033	102,917	54,633	0.0	4.9	9.1	11.1	12.1	10.3	8.5	6.5
		(52,020,	(207,083,	(193,885,	(128,108,	(91,487,	(54,178,	(34,579,	(0.0,	(1.6,	(3.2,	(5.2,	(5.4,	(5.3,	(4.4,	(4.1,
	0 (0, 0)	316,338)	1,080,532)	709,200)	491,637)	297,941)	173,560)	89,713)	0.0)	9.8)	16.7)	18.9)	20.7)	17.2)	14.3)	10.7)
		110,847	420,031	285,531	211,669	138,694	83,316	45,294	0.0	5.5	9.9	12.3	13.4	10.7	8.5	6.4
		(34,287,	(141,931,	(121,547,	(85,344,	(63,176,	(39,659,	(26,974,	(0.0,	(1.7,	(3.3,	(5.3,	(5.4,	(4.9,	(4.0,	(3.8,
	0 (0, 0)	218,293)	777,653)	492,726)	372,222)	239,972)	145,439)	77,293)	0.0)	10.8)	18.3)	21.3)	23.5)	18.5)	14.8)	10.9)
		46,282	168,356	132,123	75,105	40,339	19,601	9,339	0.0	6.8	11.4	13.3	13.8	12.9	11.1	8.4
		(14,629,	(63,705,	(70,356,	(42,618,	(28,508,	(14,579,	(7,610,	(0.0,	(2.2,	(4.3,	(7.1,	(7.8,	(9.2,	(8.2,	(6.9,
	0 (0, 0)	96,612)	306,494)	217,787)	119,676)	57,140)	27,254)	12,585)	0.0)	14.2)	20.7)	22.0)	22.0)	18.3)	15.4)	11.3)

Table A8. Global alcohol-attributable years of life lost (YLL) by age and cause in 2016 and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable YLL								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	2,903,607 (2,126,090)	3,557,228 (2,921,096)	16,622,155 (13,520,172)	18,117,906 (15,568,094)	18,678,618 (16,274,110)	19,048,367 (16,798,778)	15,269,771 (13,207,843)	12,397,840 (9,637,778)	0.5 (0.4, 0.8)	6.9 (5.7, 9.7)	13.0 (10.6, 16.2)	13.3 (11.5, 15.9)	12.1 (10.5, 14.0)	9.3 (8.2, 10.7)	6.0 (5.2, 7.1)	3.4 (2.6, 4.5)
Communicable, maternal, perinatal and nutritional conditions	4,781,929 (0, 0)	5,021,533 (229,045)	20,776,480 (2,026,921)	21,616,419 (2,874,660)	21,617,607 (2,779,941)	21,877,731 (2,269,199)	18,124,388 (1,581,271)	16,434,235 (1,430,200)	0.0 (0.0, 0.0)	1.5 (0.8, 3.9)	5.4 (2.6, 8.9)	6.8 (3.7, 10.6)	8.5 (4.3, 13.3)	9.1 (4.3, 15.1)	6.7 (3.3, 11.4)	4.1 (2.3, 7.0)
Tuberculosis	0 (0, 0)	171,379 (65,059)	1,580,195 (539,665)	1,994,188 (679,124)	1,994,102 (652,083)	1,724,802 (549,418)	1,137,797 (356,739)	733,353 (224,301)	0.0 (0.0, 0.0)	8.5 (3.2, 21.0)	22.0 (7.5, 39.4)	24.6 (8.4, 43.1)	25.4 (8.3, 44.8)	22.0 (7.0, 40.3)	17.8 (5.6, 34.5)	12.8 (3.9, 26.4)
HIV AIDS	0 (0, 0)	20,034 (14,071)	227,259 (157,146)	597,910 (405,936)	486,407 (332,014)	165,711 (112,231)	37,236 (24,655)	5,519 (3,468)	0.0 (0.0, 0.0)	1.0 (0.7, 5.1)	3.0 (2.1, 4.9)	3.5 (2.4, 5.6)	3.8 (2.6, 6.0)	3.5 (2.3, 5.6)	3.1 (2.1, 5.2)	2.3 (1.4, 4.9)
Lower respiratory infections	0 (0, 0)	37,632 (19,203)	219,467 (111,208)	282,562 (171,614)	299,432 (174,099)	378,686 (215,315)	406,237 (201,153)	691,328 (314,934)	0.0 (0.0, 0.0)	2.2 (1.1, 6.6)	6.2 (3.1, 10.6)	8.4 (5.1, 13.0)	8.5 (4.9, 13.4)	7.4 (4.2, 11.7)	5.3 (2.6, 9.0)	4.0 (1.8, 7.1)
Noncommunicable diseases	0 (0, 0)	447,067 (386,273)	2,807,807 (2,449,808)	6,308,017 (5,588,148)	9,546,024 (8,446,862)	12,321,013 (10,903,848)	11,019,644 (9,284,352)	9,368,370 (6,626,540)	0.0 (0.0, 0.0)	3.2 (2.8, 4.2)	7.7 (6.7, 8.7)	11.2 (9.9, 12.4)	9.9 (8.7, 11.0)	7.6 (6.8, 8.6)	5.1 (4.3, 6.1)	2.9 (2.1, 4.0)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	83,062 (67,807)	698,352 (577,752)	1,809,074 (1,515,174)	3,308,220 (2,830,321)	3,309,138 (2,853,398)	2,558,347 (2,200,190)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.1 (0.9, 1.5)	4.6 (3.8, 5.6)	5.7 (4.8, 6.8)	6.2 (5.3, 7.3)	5.5 (4.8, 6.4)	4.2 (3.6, 5.0)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	14,439 (9,397)	142,729 (101,813)	312,464 (241,935)	509,480 (418,235)	418,343 (349,563)	216,760 (184,111)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	7.7 (5.0, 11.6)	30.1 (21.5, 36.8)	32.2 (24.9, 37.9)	35.4 (29.0, 40.5)	33.7 (28.2, 38.8)	28.7 (24.4, 33.4)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	4,063 (2,740)	54,435 (39,835)	197,452 (154,319)	409,137 (340,625)	346,343 (290,020)	162,496 (135,323)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	7.1 (4.8, 10.5)	28.4 (20.8, 34.6)	34.5 (27.0, 40.5)	39.8 (33.2, 45.2)	38.1 (31.9, 43.4)	30.8 (25.7, 35.9)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	3,421 (2,516)	40,030 (32,960)	208,307 (176,700)	610,624 (512,132)	753,210 (616,738)	531,746 (425,077)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.4 (2.5, 4.8)	12.7 (10.5, 15.3)	18.5 (15.7, 21.5)	22.3 (18.7, 25.7)	21.7 (17.7, 25.4)	17.8 (14.2, 21.6)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	16,001 (13,421)	99,211 (80,954)	224,803 (183,475)	465,534 (382,371)	617,142 (504,902)	725,858 (596,080)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.8 (3.2, 4.8)	9.6 (7.8, 11.8)	10.8 (8.8, 13.1)	12.4 (10.1, 14.9)	12.8 (10.5, 15.3)	11.7 (9.6, 14.2)
Liver cancer	0 (0, 0)	0 (0, 0)	32,771 (19,900)	180,796 (102,737)	484,232 (269,833)	747,549 (425,779)	725,321 (431,001)	626,272 (377,708)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.5 (3.3, 9.4)	11.5 (6.5, 17.1)	11.8 (6.6, 17.9)	12.4 (7.1, 18.6)	12.6 (7.5, 18.7)	12.4 (7.5, 18.5)
Breast cancer	0 (0, 0)	0 (0, 0)	11,498 (8,890)	169,356 (131,667)	316,251 (253,056)	390,233 (317,504)	257,990 (211,916)	179,449 (147,624)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.4 (1.9, 3.8)	7.1 (5.5, 9.4)	7.4 (5.9, 9.5)	8.1 (6.6, 10.3)	7.4 (6.1, 9.3)	6.6 (5.4, 8.3)
Larynx cancer	0 (0, 0)	0 (0, 0)	11,795 (8,772)	65,565 (49,414)	175,661 (136,098)	190,788 (146,989)	115,767 (86,932)	115,767 (86,932)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.1 (2.9, 6.2)	17.9 (13.3, 22.9)	21.7 (16.3, 27.3)	24.5 (19.0, 30.2)	24.0 (18.5, 29.8)	20.7 (15.6, 26.2)
Diabetes mellitus	0 (0, 0)	-3,079 (-5,498)	-24,091 (-37,562)	-38,606 (-61,225)	-91,036 (-146,471)	-165,149 (-271,793)	-223,058 (-370,515)	-248,580 (-429,541)	0.0 (0.0, 0.0)	-1.1 (-2.0, 2.7)	-2.8 (-4.4, 0.5)	-2.7 (-4.3, 0.1)	-2.6 (-4.2, 0.1)	-2.3 (-3.7, 0.1)	-2.1 (-3.5, 0.0)	-1.9 (-3.3, 0.0)

Cause of disease or injury		Alcohol-attributable YLL							Population Attributable Fraction								
		0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Alcohol use disorders		72,113	512,186	1,218,131	1,470,520	1,436,186	795,591	285,125	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		(72,113,	(512,186,	(1,218,131,	(1,470,520,	(1,436,186,	(795,591,	(285,125,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,	(100.0,
	0 (0, 0)	72,113)	512,186)	1,218,131)	1,470,520)	1,436,186)	795,591)	285,125)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)	100.0)
Epilepsy		51,753	219,537	172,320	125,592	81,811	52,216	38,439	0.0	5.9	15.1	17.2	18.7	16.9	14.6	11.5	9.2
		(40,124,	(171,484,	(135,680,	(99,332,	(64,797,	(41,065,	(30,725,	(0.0,	(4.6,	(11.8,	(13.6,	(14.8,	(13.4,	(11.5,	(9.2,	(9.2,
	0 (0, 0)	84,371)	272,463)	212,601)	152,684)	99,017)	64,334)	47,247)	0.0)	9.6)	18.8)	21.3)	22.7)	20.4)	18.0)	14.1)	14.1)
Cardiovascular diseases		50,678	287,583	740,512	1,409,874	2,438,758	3,013,206	4,556,477	0.0	1.8	3.2	4.2	4.1	3.8	3.2	3.0	3.0
		(38,503,	(166,256,	(468,064,	(861,514,	(1,518,783,	(1,581,077,	(1,948,432,	(0.0,	(1.4,	(1.8,	(2.6,	(2.5,	(2.4,	(1.7,	(1.3,	(1.3,
	0 (0, 0)	99,699)	469,018)	1,056,745)	1,947,918)	3,400,884)	4,691,115)	7,730,132)	0.0)	3.6)	5.2)	5.9)	5.6)	5.4)	4.9)	5.1)	5.1)
Hypertensive heart disease		2,988	30,343	71,251	149,630	261,913	358,744	542,570	0.0	3.1	9.1	10.2	10.4	9.4	8.3	6.8	6.8
		(2,162,	(23,202,	(55,896,	(117,852,	(206,837,	(277,944,	(413,826,	(0.0,	(2.2,	(7.0,	(8.0,	(8.2,	(7.4,	(6.4,	(5.2,	(5.2,
	0 (0, 0)	5,577)	39,193)	91,050)	191,491)	337,320)	468,706)	731,059)	0.0)	5.8)	11.8)	13.0)	13.3)	12.1)	10.9)	9.2)	9.2)
Ischaemic heart disease		6,366 (-	9,333 (-	67,633 (-	142,275 (-	461,257 (-	890,989 (-	2,454,760	0.0	0.8 (-	0.3 (-	0.8 (-	0.8 (-	1.3 (-	1.8 (-	3.1 (-	3.1 (-
		2,963,	96,963,	180,042,	359,875,	413,152,	472,460,	(-178,794,	(0.0,	0.4,	2.7,	2.0,	1.9,	1.2,	0.9,	0.2,	0.2,
	0 (0, 0)	24,242)	145,018)	302,321)	507,033)	1,150,690)	2,138,165)	4,963,202)	0.0)	3.2)	4.1)	3.4)	2.7)	3.3)	4.3)	6.2)	6.2)
Ischaemic stroke		-805 (-	-4,919 (-	-9,854 (-	-38,691 (-	-104,552 (-	-284,311 (-	-561,601 (-	0.0	-0.7 (-	-1.3 (-	-1.5 (-	-2.2 (-	-2.1 (-	-2.0 (-	-2.0 (-	-2.0 (-
		1,205,	8,265,	16,761,	61,378,	182,651,	525,596,	1,195,383,	(0.0,	1.0,	2.1,	2.5,	3.5,	3.7,	3.7,	4.2,	4.2,
	0 (0, 0)	10,267)	37,882)	30,517)	20,746)	39,577)	165,780)	638,186)	0.0)	8.6)	9.7)	4.6)	1.2)	0.8)	1.2)	2.3)	2.3)
Haemorrhagic stroke		35,510	202,698	439,402	979,655	1,603,361	1,917,646	2,032,781	0.0	5.7	10.4	11.3	11.8	10.8	9.8	9.0	9.0
		(25,178,	(149,351,	(330,514,	(728,223,	(1,194,799,	(1,389,758,	(1,485,840,	(0.0,	(4.1,	(7.7,	(8.5,	(8.8,	(8.0,	(7.1,	(6.5,	(6.5,
	0 (0, 0)	59,631)	275,230)	592,677)	1,321,066)	2,146,768)	2,661,428)	2,851,536)	0.0)	9.6)	14.1)	15.2)	16.0)	14.4)	13.6)	12.6)	12.6)
Cardiomyopathy , myocarditis, endocarditis		6,618	50,128	172,080	177,005	216,778	130,138	87,968	0.0	1.9	4.9	12.3	11.5	12.3	7.7	3.9	3.9
		(5,398,	(48,172,	(170,761,	(175,771,	(215,261,	(128,368,	(86,549,	(0.0,	(1.5,	(4.7,	(12.2,	(11.5,	(12.2,	(7.6,	(3.8,	(3.8,
	0 (0, 0)	26,533)	79,271)	188,872)	190,107)	235,111)	149,969)	101,310)	0.0)	7.4)	7.8)	13.5)	12.4)	13.3)	8.9)	4.4)	4.4)
Digestive diseases		275,603	1,729,530	3,517,309	4,821,999	5,221,188	4,072,551	2,178,563	0.0	12.8	28.3	37.7	39.9	35.7	28.3	15.4	15.4
		(222,219,	(1,427,130,	(2,956,160,	(4,137,281,	(4,565,681,	(3,542,963,	(1,875,194,	(0.0,	(10.3,	(23.3,	(31.7,	(34.2,	(31.2,	(24.6,	(13.2,	(13.2,
	0 (0, 0)	357,921)	1,980,284)	3,949,174)	5,384,981)	5,804,043)	4,604,696)	2,555,774)	0.0)	16.6)	32.4)	42.3)	44.5)	39.7)	32.0)	18.0)	18.0)
Cirrhosis of the liver		267,824	1,619,949	3,299,755	4,585,744	5,029,517	3,931,714	2,068,797	0.0	28.8	49.5	53.9	55.3	52.5	48.2	39.2	39.2
		(214,014,	(1,326,458,	(2,741,416,	(3,913,385,	(4,381,001,	(3,409,846,	(1,765,570,	(0.0,	(23.0,	(40.6,	(44.8,	(47.2,	(45.7,	(41.8,	(33.5,	(33.5,
	0 (0, 0)	350,598)	1,856,937)	3,715,851)	5,126,868)	5,606,650)	4,451,590)	2,435,157)	0.0)	37.7)	56.8)	60.7)	61.9)	58.5)	54.6)	46.2)	46.2)
Pancreatitis		7,778	109,580	217,554	236,255	191,672	140,837	109,765	0.0	11.0	27.2	32.2	31.6	28.3	23.5	18.7	18.7
		(5,179,	(75,111,	(159,556,	(170,419,	(142,516,	(103,038,	(77,015,	(0.0,	(7.3,	(18.6,	(23.6,	(22.8,	(21.0,	(17.2,	(13.1,	(13.1,
	0 (0, 0)	13,015)	152,667)	285,018)	313,154)	254,689)	193,168)	158,511)	0.0)	18.5)	37.9)	42.2)	41.9)	37.6)	32.3)	27.1)	27.1)
Injuries		2,903,607	2,881,116	11,787,427	8,935,228	6,352,654	4,458,155	2,668,856	5.2	12.8	21.8	24.0	25.2	23.2	18.7	12.3	12.3
		(2,126,090,	(2,239,423,	(8,885,571,	(6,944,490,	(5,011,585,	(3,570,242,	(2,155,182,	(3.8,	(9.9,	(16.4,	(18.7,	(19.9,	(18.5,	(15.1,	(9.8,	(9.8,
	4,781,929)	4,122,814)	15,381,522)	11,447,470)	8,112,934)	5,650,068)	3,440,043)	2,148,025)	8.6)	18.3)	28.5)	30.8)	32.1)	29.4)	24.1)	16.5)	16.5)
Unintentional injuries		2,903,607	2,109,853	7,789,015	5,812,585	4,463,606	3,261,178	2,084,744	5.9	16.0	26.1	27.3	27.6	24.6	19.4	12.3	12.3
		(2,126,090,	(1,640,007,	(5,989,625,	(4,582,070,	(3,512,833,	(2,579,654,	(1,647,487,	(4.3,	(12.5,	(20.1,	(21.5,	(21.7,	(19.5,	(15.4,	(9.5,	(9.5,
	4,781,929)	3,106,486)	10,513,141)	7,674,748)	5,892,377)	4,296,736)	2,778,363)	1,848,431)	9.6)	23.6)	35.2)	36.1)	36.4)	32.4)	25.9)	17.1)	17.1)

Cause of disease or injury	Alcohol-attributable YLL								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Road injury	2,903,607 (2,126,090)	1,530,612 (1,076,326)	5,277,563 (3,749,479)	3,584,816 (2,562,597)	2,653,415 (1,889,190)	1,805,434 (1,286,646)	1,073,349 (768,312)	523,043 (376,581)	23.0 (16.9)	20.2 (14.2)	29.0 (20.6)	30.0 (21.4)	30.0 (21.3)	27.5 (19.6)	25.0 (17.9)	20.7 (14.9)
	4,781,929	2,404,466	7,674,680	5,167,116	3,833,112	2,653,859	1,606,141	812,471	37.9	31.8	42.2	43.2	43.3	40.4	37.4	32.2
Poisonings		30,512	170,746	130,496	111,053	73,858	49,357	22,667	0.0	10.0	20.6	22.9	21.7	19.3	14.3	9.4
		(19,360)	(108,517)	(86,563)	(73,450)	(49,974)	(33,030)	(14,598)	(0.0)	(6.3)	(13.1)	(15.2)	(14.4)	(13.1)	(9.5)	(6.1)
Falls	0 (0, 0)	50,271	239,245	179,098	152,734	100,165	68,762	33,542	0.0	16.4	28.8	31.5	29.9	26.2	19.9	14.0
		60,278	360,025	419,439	440,080	428,722	364,879	410,414	0.0	10.3	22.4	24.7	25.3	20.9	13.9	8.8
Fire, heat and hot substances		(37,213)	(220,100)	(264,477)	(273,312)	(267,782)	(230,276)	(260,984)	(0.0)	(6.4)	(13.7)	(15.5)	(15.7)	(13.0)	(8.8)	(5.6)
	0 (0, 0)	96,315	505,871	581,509	612,128	604,599	527,596	617,132	0.0	16.5	31.4	34.2	35.2	29.4	20.2	13.2
Drowning		39,617	188,603	177,606	123,304	103,708	67,665	42,505	0.0	6.7	14.6	17.4	20.9	20.1	15.9	10.4
		(26,229)	(126,804)	(127,590)	(91,858)	(78,967)	(50,199)	(30,672)	(0.0)	(4.4)	(9.8)	(12.5)	(15.5)	(15.3)	(11.8)	(7.5)
Exposure to mechanical forces	0 (0, 0)	63,513	265,920	238,115	159,147	132,547	89,033	59,514	0.0	10.8	20.6	23.3	26.9	25.7	20.9	14.6
		201,900	574,176	413,479	283,148	191,586	120,968	64,848	0.0	11.6	23.4	26.0	26.1	22.5	17.7	11.4
Other unintentional injuries		(115,676)	(343,867)	(272,429)	(187,367)	(126,983)	(78,821)	(41,310)	(0.0)	(6.6)	(14.0)	(17.1)	(17.3)	(14.9)	(11.5)	(7.3)
	0 (0, 0)	330,269	812,121	562,014	383,772	259,909	169,061	95,917	0.0	19.0	33.0	35.3	35.4	30.6	24.8	16.9
Intentional injuries		58,616	310,835	262,118	194,047	129,333	66,515	25,056	0.0	10.8	22.9	25.0	25.8	23.1	18.1	10.8
		(33,526)	(178,549)	(161,505)	(121,427)	(79,853)	(40,813)	(15,837)	(0.0)	(6.2)	(13.2)	(15.4)	(16.2)	(14.3)	(11.1)	(6.8)
Self-harm	0 (0, 0)	97,412	446,493	365,460	267,887	182,216	95,405	37,474	0.0	18.0	32.9	34.8	35.6	32.6	26.0	16.1
		188,319	907,066	824,632	658,558	528,536	342,012	243,317	0.0	10.4	21.9	24.4	25.1	22.9	17.2	11.3
Interpersonal violence		(111,178)	(546,159)	(529,346)	(435,398)	(371,067)	(234,788)	(158,329)	(0.0)	(6.1)	(13.2)	(15.6)	(16.6)	(16.1)	(11.8)	(7.4)
	0 (0, 0)	304,702	1,288,946	1,131,203	892,232	704,505	468,455	354,587	0.0	16.8	31.2	33.4	34.0	30.5	23.6	16.5
Self-harm		771,262	3,998,412	3,122,643	1,889,048	1,196,977	584,112	267,420	0.0	8.2	16.5	19.7	20.8	20.0	16.6	12.2
	0 (0, 0)	(302,537)	(1,607,492)	(1,456,441)	(903,803)	(619,726)	(306,760)	(143,371)	(0.0)	(3.2)	(6.6)	(9.2)	(10.0)	(10.3)	(8.7)	(6.5)
Interpersonal violence		1,404,501	6,283,985	4,685,718	2,807,991	1,764,148	880,916	419,099	0.0	14.9	26.0	29.5	30.9	29.4	25.0	19.1
		334,809	1,969,066	1,783,334	1,239,782	891,654	473,010	236,506	0.0	8.5	18.4	23.0	23.8	21.9	17.5	12.8
Self-harm		(164,126)	(940,996)	(943,154)	(635,295)	(473,546)	(244,275)	(123,318)	(0.0)	(4.2)	(8.8)	(12.2)	(12.2)	(11.6)	(9.1)	(6.7)
	0 (0, 0)	575,225	2,980,023	2,598,840	1,811,676	1,303,207	715,974	372,829	0.0	14.6	27.8	33.6	34.7	32.1	26.5	20.1
Interpersonal violence		436,453	2,029,346	1,339,309	649,266	305,324	111,102	30,914	0.0	11.1	20.7	22.4	22.0	20.1	16.9	10.8
	0 (0, 0)	(131,095)	(632,678)	(520,016)	(269,241)	(152,456)	(61,525)	(19,615)	(0.0)	(3.3)	(6.5)	(8.7)	(9.1)	(10.0)	(9.4)	(6.9)
		838,454	3,340,295	2,103,665	1,006,277	465,596	165,611	46,105	0.0	21.2	34.1	35.2	34.1	30.6	25.3	16.2

Table A9. Global alcohol-attributable years of life lost (YLL) by cause and sex in 2016 and 95% uncertainty intervals

Cause of disease or injury	Men		Women		Total	
	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)
All Causes	73,818,321 (60,643,464, 89,463,387)	8.5 (7.0, 10.3)	20,379,330 (17,373,605, 28,076,315)	3.2 (2.7, 4.4)	94,197,651 (80,416,185, 113,816,088)	6.3 (5.4, 7.6)
Communicable, maternal, perinatal and nutritional conditions	9,389,778 (3,749,688, 15,634,056)	3.0 (1.2, 4.9)	2,371,258 (1,055,781, 5,759,481)	0.8 (0.4, 2.0)	11,761,036 (5,949,448, 19,233,749)	2.0 (1.0, 3.2)
Tuberculosis	7,013,327 (1,467,619, 12,878,351)	25.3 (5.3, 46.4)	1,589,136 (261,948, 4,308,993)	10.4 (1.7, 28.1)	8,602,463 (2,842,089, 15,627,665)	20.0 (6.6, 36.3)
HIV AIDS	1,134,133 (667,780, 1,759,506)	3.6 (2.1, 5.5)	400,425 (236,282, 1,198,714)	1.7 (1.0, 5.0)	1,534,557 (1,046,054, 2,551,848)	2.8 (1.9, 4.6)
Lower respiratory infections	1,242,319 (494,961, 2,150,623)	2.1 (0.8, 3.7)	381,698 (183,468, 820,651)	0.7 (0.3, 1.5)	1,624,016 (892,594, 2,698,128)	1.5 (0.8, 2.4)
Noncommunicable diseases	31,590,884 (26,783,698, 35,494,654)	8.1 (6.9, 9.1)	10,858,688 (8,944,946, 14,487,210)	3.9 (3.2, 5.2)	42,449,572 (37,059,290, 48,392,985)	6.3 (5.5, 7.2)
Malignant neoplasms	6,874,334 (5,643,844, 8,150,971)	7.0 (5.7, 8.3)	2,333,512 (1,983,318, 2,937,502)	2.9 (2.5, 3.7)	9,207,846 (7,844,452, 10,815,476)	5.2 (4.4, 6.1)
Lip and oral cavity cancer	1,190,268 (944,913, 1,380,773)	38.0 (30.2, 44.1)	207,187 (150,142, 279,436)	16.3 (11.8, 22.0)	1,397,455 (1,120,943, 1,628,945)	31.7 (25.5, 37.0)
Other pharynx cancers	925,347 (751,793, 1,061,704)	40.7 (33.1, 46.7)	86,083 (63,559, 116,669)	16.5 (12.2, 22.4)	1,011,430 (827,539, 1,162,436)	36.2 (29.6, 41.6)
Oesophagus cancer	1,447,611 (1,190,786, 1,676,140)	24.7 (20.3, 28.6)	167,982 (125,765, 232,346)	8.7 (6.5, 12.1)	1,615,593 (1,341,046, 1,878,273)	20.8 (17.2, 24.1)
Colon and rectum cancers	1,163,832 (923,975, 1,407,646)	16.4 (13.0, 19.8)	258,859 (153,913, 398,818)	5.0 (3.0, 7.7)	1,422,692 (1,165,123, 1,716,629)	11.6 (9.5, 13.9)
Liver cancer	1,724,981 (830,500, 2,709,565)	12.4 (5.9, 19.4)	445,688 (232,490, 751,024)	10.1 (5.2, 16.9)	2,170,669 (1,249,250, 3,258,422)	11.8 (6.8, 17.7)
Breast cancer	0 (0, 0)	0.0 (0.0, 0.0)	1,145,328 (923,032, 1,472,427)	7.4 (6.0, 9.5)	1,145,328 (923,034, 1,472,444)	7.4 (6.0, 9.5)
Larynx cancer	422,295 (320,200, 526,828)	24.8 (18.8, 31.0)	22,384 (15,134, 33,490)	10.1 (6.9, 15.2)	444,679 (341,888, 551,713)	23.1 (17.8, 28.7)
Diabetes mellitus	228,064 (20,331, 535,338)	1.9 (0.2, 4.3)	-773,082 (-1,075,821, -367,510)	-6.5 (-9.0, -3.1)	-545,018 (-893,063, -8,936)	-2.2 (-3.7, 0.0)
Alcohol use disorders	4,694,018 (4,694,018, 4,694,018)	100.0 (100.0, 100.0)	810,708 (810,708, 810,708)	100.0 (100.0, 100.0)	5,504,726 (5,504,726, 5,504,726)	100.0 (100.0, 100.0)
Epilepsy	548,887 (404,804, 697,075)	13.8 (10.2, 17.6)	154,341 (115,587, 226,187)	5.4 (4.1, 7.9)	703,228 (552,482, 885,471)	10.3 (8.1, 13.0)
Cardiovascular diseases	4,612,408 (1,687,369, 6,904,193)	3.3 (1.2, 4.9)	3,328,202 (1,619,279, 6,307,389)	3.8 (1.8, 7.2)	7,940,610 (4,634,197, 11,665,378)	3.5 (2.0, 5.1)
Hypertensive heart disease	718,114 (541,599, 877,727)	14.3 (10.8, 17.5)	156,755 (74,386, 351,153)	3.3 (1.6, 7.4)	874,870 (683,893, 1,133,337)	9.0 (7.0, 11.6)
Ischaemic heart disease	289,088 (-2,446,249, 2,046,723)	0.4 (-3.1, 2.6)	1,288,766 (-404,654, 3,415,997)	3.3 (-1.0, 8.7)	1,577,854 (-1,525,455, 4,267,470)	1.3 (-1.3, 3.6)
Ischaemic stroke	-128,322 (-404,246, 264,497)	-1.0 (-3.2, 2.1)	-314,810 (-551,990, 208,863)	-3.4 (-6.0, 2.3)	-443,132 (-795,857, 304,770)	-2.0 (-3.6, 1.4)
Haemorrhagic stroke	3,088,678 (2,046,966, 4,224,725)	10.6 (7.1, 14.6)	2,089,594 (1,244,722, 3,500,215)	9.6 (5.7, 16.2)	5,178,272 (3,817,823, 7,056,800)	10.2 (7.5, 13.9)
Cardiomyopathy, myocarditis, endocarditis	644,849 (635,765, 761,822)	11.2 (11.0, 13.2)	107,898 (107,880, 108,476)	3.4 (3.4, 3.4)	752,747 (743,732, 869,864)	8.4 (8.3, 9.7)
Digestive diseases	14,633,173 (12,012,027, 16,740,132)	34.2 (28.1, 39.1)	5,005,007 (4,275,582, 5,827,061)	21.8 (18.6, 25.3)	19,638,180 (16,851,434, 22,081,098)	29.8 (25.6, 33.6)
Cirrhosis of the liver	13,842,779 (11,292,536, 15,915,486)	51.1 (41.6, 58.7)	4,891,724 (4,168,660, 5,658,590)	43.2 (36.8, 50.0)	18,734,504 (15,986,121, 21,108,494)	48.7 (41.6, 54.9)
Pancreatitis	790,394 (537,775, 1,035,622)	35.3 (24.0, 46.3)	113,282 (41,298, 272,989)	11.5 (4.2, 27.6)	903,676 (655,819, 1,211,712)	28.0 (20.3, 37.5)
Injuries	32,837,659 (24,335,738, 44,047,114)	20.6 (15.3, 27.6)	7,149,383 (5,582,225, 10,147,512)	10.4 (8.1, 14.7)	39,987,042 (30,932,584, 52,936,780)	17.5 (13.5, 23.2)
Unintentional injuries	23,007,100 (17,209,296, 31,696,187)	21.5 (16.1, 29.7)	5,417,488 (4,383,188, 7,801,039)	11.5 (9.3, 16.5)	28,424,588 (22,077,766, 39,043,781)	18.4 (14.3, 25.3)
Road injury	14,919,846 (10,213,552, 22,374,457)	28.4 (19.4, 42.5)	3,908,949 (3,033,250, 5,881,523)	22.4 (17.4, 33.7)	18,828,795 (13,458,639, 28,121,302)	26.9 (19.2, 40.2)
Poisonings	431,458 (243,746, 633,577)	13.0 (7.4, 19.1)	134,564 (73,292, 223,941)	5.6 (3.0, 9.3)	566,022 (370,893, 790,275)	9.9 (6.5, 13.8)
Falls	1,792,248 (1,015,923, 2,620,333)	18.0 (10.2, 26.3)	281,175 (162,451, 460,630)	6.1 (3.5, 10.0)	2,073,423 (1,293,159, 2,928,017)	14.3 (8.9, 20.1)
Fire, heat and hot substances	469,602 (297,191, 655,671)	13.5 (8.5, 18.8)	230,902 (133,861, 378,251)	5.4 (3.1, 8.9)	700,503 (501,646, 948,275)	9.0 (6.5, 12.2)
Drowning	1,547,156 (896,394, 2,257,586)	11.8 (6.8, 17.2)	238,101 (135,417, 388,527)	3.8 (2.2, 6.2)	1,785,257 (1,125,142, 2,517,146)	9.2 (5.8, 13.0)
Exposure to mechanical forces	911,081 (507,870, 1,335,647)	15.1 (8.4, 22.1)	110,383 (61,736, 181,500)	4.4 (2.4, 7.2)	1,021,464 (615,673, 1,454,873)	11.9 (7.2, 16.9)
Other unintentional injuries	2,935,709 (1,726,598, 4,233,731)	16.1 (9.5, 23.2)	513,415 (319,154, 811,841)	5.3 (3.3, 8.3)	3,449,124 (2,227,936, 4,790,044)	12.3 (8.0, 17.1)
Intentional injuries	9,830,560 (3,381,114, 15,874,413)	18.6 (6.4, 30.1)	1,731,895 (726,761, 3,069,208)	8.0 (3.4, 14.2)	11,562,454 (5,196,760, 17,827,258)	15.6 (7.0, 24.0)
Self-harm	5,441,565 (2,168,297, 8,477,121)	24.3 (9.7, 37.9)	1,250,089 (485,943, 2,246,305)	9.8 (3.8, 17.5)	6,691,655 (3,401,392, 9,984,946)	19.0 (9.7, 28.4)
Interpersonal violence	4,388,994 (1,193,184, 7,402,746)	19.8 (5.4, 33.3)	481,806 (234,397, 824,963)	8.9 (4.3, 15.3)	4,870,800 (1,767,011, 7,919,898)	17.6 (6.4, 28.7)

PAF: Population Attributable Fraction

Table A10. Global alcohol-attributable years lived with disability (YLD) by age and cause in 2016 among men and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable YLD								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	74,601 (66,068, 95,045)	628,921 (566,958, 728,942)	3,676,383 (3,345,223, 4,035,805)	3,909,925 (3,500,832, 4,359,902)	3,677,449 (3,198,670, 4,222,265)	3,068,411 (2,616,972, 3,603,288)	2,025,151 (1,688,637, 2,446,456)	1,291,746 (1,034,230, 1,641,578)	0.2 (0.1, 0.2)	3.4 (3.1, 4.0)	8.1 (7.4, 8.9)	8.2 (7.3, 9.1)	7.4 (6.4, 8.4)	6.1 (5.2, 7.1)	4.5 (3.7, 5.4)	2.8 (2.3, 3.6)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	9,147 (2,547, 22,955)	91,203 (29,404, 160,683)	117,107 (47,514, 192,711)	121,083 (45,505, 202,473)	101,711 (30,722, 181,228)	78,161 (19,688, 149,105)	48,401 (12,445, 97,073)	0.0 (0.0, 0.0)	0.3 (0.1, 0.7)	1.4 (0.5, 2.5)	2.0 (0.8, 3.3)	2.6 (1.0, 4.4)	3.2 (1.0, 5.7)	3.9 (1.0, 7.5)	3.6 (0.9, 7.2)
Tuberculosis	0 (0, 0)	8,489 (1,879, 21,906)	77,247 (15,282, 147,416)	87,417 (17,375, 161,573)	94,129 (18,303, 174,147)	87,552 (16,975, 166,305)	71,844 (13,487, 142,621)	44,458 (8,103, 93,028)	0.0 (0.0, 0.0)	10.3 (2.3, 26.5)	27.2 (5.4, 51.9)	30.0 (6.0, 55.5)	31.0 (6.0, 57.3)	28.3 (5.5, 53.7)	25.8 (4.8, 51.3)	21.8 (4.0, 45.5)
HIV AIDS	0 (0, 0)	392 (247, 2,148)	7,740 (7,740, 19,610)	17,240 (17,240, 42,608)	15,424 (15,424, 37,229)	7,261 (7,261, 17,292)	2,462 (2,462, 6,088)	1,242 (765, 1,936)	0.0 (0.0, 0.0)	0.6 (0.1, 5.1)	2.3 (2.3, 5.8)	2.7 (2.7, 6.7)	3.0 (3.0, 7.2)	2.8 (2.8, 6.8)	2.4 (2.4, 6.0)	1.7 (1.7, 4.4)
Lower respiratory infections	0 (0, 0)	266 (107, 586)	1,198 (421, 2,142)	1,337 (519, 2,313)	1,727 (695, 2,969)	1,040 (1,040, 3,609)	1,000 (1,000, 3,791)	1,031 (1,031, 4,797)	0.0 (0.0, 0.0)	2.6 (1.0, 5.7)	7.1 (2.5, 12.7)	8.4 (3.3, 14.6)	9.3 (3.7, 15.9)	9.5 (4.4, 15.4)	8.2 (3.6, 13.6)	6.9 (2.6, 12.2)
Noncommunicable diseases	40,056 (40,056, 40,056)	436,726 (429,875, 452,996)	2,586,138 (2,551,541, 2,625,033)	2,475,335 (2,436,052, 2,523,857)	1,972,885 (1,911,867, 2,053,151)	1,441,713 (1,355,374, 1,549,310)	832,168 (736,122, 957,198)	448,097 (331,349, 592,126)	0.2 (0.2, 0.2)	3.1 (3.1, 3.2)	7.4 (7.3, 7.5)	6.7 (6.6, 6.8)	5.0 (4.8, 5.2)	3.5 (3.3, 3.7)	2.1 (1.9, 2.5)	1.1 (0.8, 1.5)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	594 (481, 779)	5,070 (4,159, 5,981)	16,958 (14,138, 19,837)	41,973 (36,050, 47,736)	54,324 (47,220, 62,055)	55,276 (48,234, 63,258)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.1 (0.9, 1.5)	5.6 (4.6, 6.6)	8.1 (6.7, 9.5)	8.8 (7.6, 10.0)	7.0 (6.1, 8.0)	5.4 (4.7, 6.2)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	187 (130, 269)	1,957 (1,482, 2,405)	4,521 (3,675, 5,181)	9,879 (8,273, 11,137)	10,234 (8,625, 11,555)	8,316 (6,937, 9,542)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	9.4 (6.5, 13.5)	32.6 (24.7, 38.9)	39.1 (31.8, 44.8)	44.2 (37.0, 49.9)	43.4 (36.6, 49.0)	38.6 (32.2, 44.3)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	32 (21, 48)	516 (385, 617)	1,973 (1,973, 2,732)	5,558 (5,558, 7,300)	5,445 (5,445, 7,251)	2,826 (2,826, 3,942)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	5.7 (5.7, 13.1)	28.1 (28.1, 45.1)	36.4 (36.4, 50.4)	40.5 (40.5, 53.2)	38.6 (38.6, 51.4)	32.4 (32.4, 45.2)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	17 (12, 24)	246 (205, 285)	1,544 (1,544, 1,779)	4,698 (4,698, 5,362)	7,185 (7,185, 8,413)	6,493 (6,493, 7,759)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	5.1 (5.1, 7.2)	19.3 (19.3, 22.4)	25.4 (25.4, 29.2)	27.5 (27.5, 31.4)	26.4 (26.4, 30.9)	23.6 (23.6, 28.2)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	199 (164, 246)	1,229 (962, 1,506)	3,094 (3,094, 4,981)	8,082 (8,082, 12,811)	14,335 (14,335, 22,207)	21,761 (21,761, 32,228)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	5.1 (5.1, 7.7)	11.0 (11.0, 17.2)	12.4 (12.4, 20.0)	13.9 (13.9, 22.1)	14.5 (14.5, 22.5)	15.5 (15.5, 23.0)
Liver cancer	0 (0, 0)	0 (0, 0)	141 (68, 261)	899 (417, 1,434)	3,095 (1,422, 4,975)	5,606 (2,618, 8,778)	6,202 (3,090, 9,714)	5,887 (2,966, 9,458)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.5 (2.6, 10.1)	11.4 (5.3, 18.2)	12.3 (5.6, 19.7)	13.2 (6.2, 20.7)	13.3 (6.6, 20.9)	14.0 (7.1, 22.6)
Breast cancer	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0 (0, 0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 1.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Larynx cancer	0 (0, 0)	0 (0, 0)	18 (12, 27)	224 (168, 285)	1,347 (1,023, 1,682)	4,749 (3,655, 5,849)	5,976 (4,571, 7,418)	4,311 (3,223, 5,442)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	6.1 (4.1, 9.3)	20.5 (15.4, 26.1)	24.7 (18.7, 30.8)	27.4 (21.1, 33.8)	26.7 (20.4, 33.1)	23.9 (17.9, 30.2)
Diabetes mellitus	0 (0, 0)	1,561 (-153, 4,838)	12,727 (2,925, 27,246)	28,018 (5,753, 61,920)	53,865 (10,927, 120,574)	70,549 (11,276, 157,783)	66,249 (6,092, 151,712)	55,592 (937, 129,685)	0.0 (0.0, 0.0)	1.1 (-0.1, 3.4)	1.5 (0.3, 3.2)	1.7 (0.3, 3.7)	1.8 (0.4, 4.1)	2.0 (0.3, 4.4)	2.1 (0.2, 4.9)	2.3 (0.0, 5.4)
Alcohol use disorders	40,056 (40,056, 40,056)	397,655 (397,655, 397,655)	2,411,766 (2,411,766, 2,411,766)	2,286,974 (2,286,974, 2,286,974)	1,710,325 (1,710,325, 1,710,325)	1,118,279 (1,118,279, 1,118,279)	537,944 (537,944, 537,944)	201,726 (201,726, 201,726)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)

Cause of disease or injury	Alcohol-attributable YLD								Population attributable fraction (%)								
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	
Epilepsy		25,832 (19,415, 37,972)	118,468 (88,399, 149,262)	95,758 (71,812, 119,485)	84,480 (63,676, 104,570)	69,557 (52,463, 87,129)	50,779 (38,276, 63,955)	40,474 (30,426, 51,336)	0.0 (0.0, 0.0)	6.9 (5.2, 10.1)	17.4 (13.0, 21.9)	19.8 (14.8, 24.7)	21.5 (16.2, 26.6)	21.0 (15.9, 26.4)	19.7 (14.9, 24.8)	18.1 (13.6, 23.0)	
	0 (0, 0)		2,234 (- 433 (-64, 1,413)	6,386 (- 2,365, 8,280)	15,606 (- 3,143, 15,831)	29,389 (- 33,217, 67,106)	35,827 (- 103,989, 154,157)	41,756 (- 55,932, 154,157)	0.0 (0.0, 0.0)	0.2 (0.0, 0.6)	0.3 (- 0.4, 1.3)	0.8 (- 0.4, 2.0)	1.0 (- 2.2, 2.2)	1.1 (- 2.5, 2.5)	0.9 (- 2.6, 2.6)	0.7 (- 2.7, 2.7)	
Cardiovascular diseases		433 (-64, 1,413)	2,365, 8,280)	3,143, 15,831)	4,181, 33,217)	7,700, 67,106)	26,937, 103,989)	55,932, 154,157)	0.0 (0.0, 0.0)	0.0 (0.0, 0.6)	0.4, 1.3)	0.4, 2.0)	0.3, 2.2)	0.3, 2.5)	0.7, 2.6)	1.0, 2.7)	
	0 (0, 0)																
Hypertensive heart disease																	
	0 (0, 0)	0 (0, 0)	7 (5, 9) 3,228)	-1,091 (- -2,616 (-	-2,616 (- -2,915 (-	-2,915 (- -2,242 (-	-3,459 (- -2,242 (-	-3,459 (- -2,242 (-	0.0 (0.0, 0.0)	13.8 (19.0, 17.7)	19.0 (19.0, 19.0)	19.0 (19.0, 19.0)	19.5 (19.5, 19.5)	19.6 (19.6, 19.6)	18.8 (18.8, 18.8)	17.8 (17.8, 17.8)	
Ischaemic heart disease		12 (-390, 549)	4,640, 3,579)	9,617, 4,928)	18,561, 3,781)	29,340, 9,619)	44,286, 29,560)	74,040, 64,069)	0.0 (0.0, 0.0)	1.9, 2.6)	4.7, 3.6)	4.2, 2.2)	4.2, 2.2)	4.1, 0.9)	4.9, 1.3)	6.1, 3.3)	
	0 (0, 0)		-1,845 (- -2,991 (-	-2,991 (- -8,861 (-	-8,861 (- -16,844 (-	-16,844 (- -26,393 (-	-26,393 (- -38,484 (-	-38,484 (- -48,935 (-	0.0 (0.0, 0.0)	-1.5 (- 3.0, 1.1)	-2.1 (- 4.1, 3.3)	-1.9 (- 4.1, 2.7)	-2.1 (- 4.4, 1.8)	-1.8 (- 4.2, 1.8)	-1.8 (- 4.6, 2.1)	-1.8 (- 5.0, 2.3)	
Ischaemic stroke		-333 (- 656, 239)	3,653, 2,871)	6,483, 4,264)	18,801, 4,264)	40,062, 7,785)	68,436, 31,259)	107,924, 49,165)	0.0 (0.0, 0.0)	3.0, 1.1)	4.1, 3.3)	4.1, 2.7)	4.4, 1.8)	4.2, 1.8)	4.6, 2.1)	5.0, 2.3)	
	0 (0, 0)		3,819 (2,550, 5,088)	6,803 (4,600, 9,006)	17,149 (11,576, 22,722)	31,544 (21,203, 41,885)	41,545 (27,474, 55,616)	50,386 (33,050, 67,722)	0.0 (0.0, 0.0)	6.3 (3.9, 10.0)	11.5 (7.7, 15.6)	12.4 (8.4, 16.7)	13.4 (9.0, 18.2)	13.1 (8.8, 17.7)	12.5 (8.2, 17.1)	12.4 (8.1, 16.7)	
Haemorrhagic stroke		564 (350, 891)	(2,550, 5,200)	(4,600, 9,164)	(11,576, 23,259)	(21,203, 42,657)	(27,474, 57,057)	(33,050, 69,542)	0.0 (0.0, 0.0)	(3.9, 10.0)	(7.7, 15.6)	(8.4, 16.7)	(9.0, 18.2)	(8.8, 17.7)	(8.2, 17.1)	(8.1, 17.1)	
	0 (0, 0)																
Cardiomyopathy, myocarditis, endocarditis																	
	0 (0, 0)	190 (173, 326)	801 (729, 1,237)	997 (951, 1,371)	1,658 (1,605, 2,233)	3,316 (3,241, 4,190)	3,043 (2,976, 3,888)	2,785 (2,740, 3,235)	0.0 (0.0, 0.0)	2.1 (1.9, 3.7)	2.4 (2.2, 3.7)	4.1 (3.9, 5.6)	5.6 (5.4, 7.6)	7.1 (6.9, 9.0)	5.9 (5.8, 7.6)	4.1 (4.1, 4.8)	
Digestive diseases		11,244 (8,098, 16,230)	40,348 (32,192, 47,767)	53,128 (43,366, 61,077)	91,651 (75,632, 103,963)	111,967 (93,096, 127,381)	87,044 (71,844, 100,124)	53,272 (43,652, 62,094)	0.0 (0.0, 0.0)	9.2 (6.6, 13.2)	12.6 (10.0, 14.9)	11.9 (9.7, 13.7)	14.8 (12.3, 16.8)	14.9 (12.4, 17.0)	11.9 (9.8, 13.7)	8.8 (7.2, 10.2)	
	0 (0, 0)																
Cirrhosis of the liver		11,133 (7,997, 16,117)	39,429 (31,329, 47,529)	51,423 (41,844, 59,278)	89,207 (73,346, 104,446)	109,355 (90,614, 124,759)	84,722 (69,707, 99,885)	51,179 (41,785, 59,894)	0.0 (0.0, 0.0)	25.8 (18.5, 37.3)	47.0 (37.4, 55.9)	52.5 (42.7, 60.5)	56.6 (46.5, 64.3)	55.9 (46.3, 63.8)	53.6 (44.1, 62.0)	49.6 (40.5, 58.0)	
	0 (0, 0)																
Pancreatitis																	
	0 (0, 0)	111 (74, 158)	920 (610, 1,243)	1,705 (1,136, 2,260)	2,444 (1,589, 3,259)	2,612 (1,742, 3,454)	2,322 (1,542, 3,107)	2,093 (1,386, 2,832)	0.0 (0.0, 0.0)	20.9 (14.0, 29.9)	35.1 (23.3, 47.4)	38.5 (25.6, 51.0)	40.5 (26.3, 54.0)	40.9 (27.3, 54.1)	39.1 (26.0, 52.4)	37.0 (24.5, 50.0)	
Injuries		34,545 (26,012, 54,989)	183,049 (120,494, 273,864)	999,042 (683,661, 1,338,782)	1,317,484 (931,882, 1,737,147)	1,583,481 (1,138,632, 2,091,590)	1,524,987 (1,102,800, 2,013,425)	1,114,823 (810,715, 1,487,411)	795,249 (571,677, 1,100,065)	1.6 (1.2, 2.5)	14.1 (9.3, 21.0)	25.9 (17.7, 34.7)	26.8 (19.0, 35.3)	28.1 (20.2, 37.1)	26.7 (19.3, 35.2)	24.2 (17.6, 32.3)	19.7 (14.1, 27.2)
Unintentional injuries		34,545 (26,012, 54,989)	169,450 (106,190, 261,387)	915,171 (608,415, 1,253,952)	1,219,035 (837,969, 1,649,133)	1,478,725 (1,031,660, 1,986,615)	1,436,821 (1,021,692, 1,937,060)	1,061,421 (761,835, 1,436,466)	766,261 (542,327, 1,069,217)	1.7 (1.3, 2.7)	14.9 (9.3, 22.9)	27.4 (18.2, 37.5)	28.7 (19.7, 38.8)	30.0 (20.9, 40.3)	28.3 (20.1, 38.2)	25.2 (18.1, 34.1)	20.1 (14.2, 28.1)
Road injury		34,545 (26,012, 54,989)	37,174 (24,818, 57,491)	221,093 (153,959, 318,568)	331,226 (231,307, 475,083)	439,772 (306,017, 629,682)	429,728 (295,974, 618,440)	312,468 (216,792, 454,741)	210,536 (146,341, 313,002)	26.4 (19.9, 42.1)	22.8 (15.2, 35.3)	32.0 (22.3, 46.1)	32.5 (22.7, 46.7)	33.9 (23.6, 48.5)	32.7 (22.5, 47.0)	30.8 (21.4, 44.8)	27.7 (19.3, 41.2)
Poisonings																	
	0 (0, 0)																
Falls																	
	0 (0, 0)																
Fire, heat and hot substances																	
	0 (0, 0)																

Cause of disease or injury	Alcohol-attributable YLD								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Drowning		768 (384, 1,296)	4,055 (2,140, 5,993)	4,827 (2,641, 7,052)	5,533 (3,090, 8,025)	4,902 (2,814, 7,155)	3,461 (2,007, 5,081)	4,630 (2,481, 7,053)	0.0 (0.0, 0.0)	12.8 (6.4, 21.7)	25.6 (13.5, 37.8)	26.6 (14.5, 38.8)	27.5 (15.4, 39.9)	25.2 (14.5, 36.8)	21.9 (12.7, 32.1)	20.2 (10.8, 30.8)
Exposure to mechanical forces	0 (0, 0)	16,393 (8,639, 26,431)	99,256 (55,636, 142,022)	136,388 (78,805, 192,687)	167,746 (97,098, 238,383)	157,811 (92,268, 225,280)	108,800 (63,908, 156,865)	64,793 (37,657, 96,443)	0.0 (0.0, 0.0)	15.7 (8.3, 25.4)	28.8 (16.2, 41.3)	29.8 (17.2, 42.1)	30.8 (17.8, 43.8)	28.8 (16.8, 41.1)	25.2 (14.8, 36.4)	19.5 (11.3, 29.0)
Other unintentional injuries		46,776 (23,128, 79,851)	240,628 (125,731, 359,744)	282,353 (152,242, 416,772)	316,265 (174,522, 463,713)	279,071 (158,294, 411,716)	195,134 (112,633, 288,612)	127,821 (72,764, 195,164)	0.0 (0.0, 0.0)	11.3 (5.6, 19.3)	23.5 (12.3, 35.1)	24.6 (13.3, 36.3)	25.8 (14.2, 37.8)	23.7 (13.4, 35.0)	20.7 (12.0, 30.7)	15.7 (8.9, 24.0)
Intentional injuries		13,599 (3,272, 26,365)	83,871 (22,558, 138,183)	98,448 (30,106, 158,636)	104,757 (32,225, 167,936)	88,166 (32,402, 139,873)	53,402 (21,480, 85,289)	28,988 (12,652, 48,117)	0.0 (0.0, 0.0)	8.4 (2.0, 16.3)	16.4 (4.4, 27.1)	14.8 (4.5, 23.8)	14.9 (4.6, 23.9)	13.7 (5.0, 21.7)	13.5 (5.4, 21.6)	12.5 (5.4, 20.7)
Self-harm		1,077 (257, 2,032)	7,668 (2,254, 12,562)	10,780 (3,580, 17,281)	12,843 (4,275, 20,383)	12,552 (4,921, 19,657)	9,256 (3,740, 14,699)	7,419 (2,933, 12,325)	0.0 (0.0, 0.0)	11.7 (2.8, 22.1)	22.8 (6.7, 37.3)	23.9 (7.9, 38.3)	24.7 (8.2, 39.3)	23.7 (9.3, 37.1)	21.0 (8.5, 33.3)	17.1 (6.8, 28.5)
Interpersonal violence		12,523 (3,016, 24,324)	76,203 (20,405, 125,643)	87,668 (26,771, 141,419)	91,914 (28,420, 147,349)	75,614 (27,544, 120,386)	44,146 (17,697, 70,697)	21,569 (9,686, 35,784)	0.0 (0.0, 0.0)	11.1 (2.7, 21.6)	23.0 (6.1, 37.8)	24.6 (7.5, 39.7)	25.6 (7.9, 41.0)	24.1 (8.8, 38.4)	21.2 (8.5, 33.9)	15.8 (7.1, 26.2)

Table A11. Global alcohol-attributable years lived with disability (YLD) by age and cause in 2016 among women and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable YLD								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	47,256 (41,352, 61,150)	329,222 (303,386, 384,010)	1,599,821 (1,499,345, 1,773,692)	1,458,283 (1,354,308, 1,659,278)	1,140,142 (998,623, 1,402,860)	853,836 (718,605, 1,120,334)	537,471 (405,475, 797,887)	504,179 (325,160, 862,593)	0.1 (0.1, 0.1)	1.6 (1.5, 1.9)	3.2 (3.0, 3.5)	2.7 (2.5, 3.1)	2.0 (1.7, 2.4)	1.6 (1.3, 2.0)	1.1 (0.8, 1.6)	0.8 (0.5, 1.4)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	5,632 (1,611, 16,631)	37,999 (13,679, 83,573)	36,564 (18,534, 78,919)	30,021 (14,553, 66,239)	17,610 (6,790, 41,155)	12,471 (3,880, 31,017)	9,969 (3,293, 26,227)	0.0 (0.0, 0.0)	0.1 (0.0, 0.4)	0.4 (0.1, 0.9)	0.4 (0.2, 1.0)	0.5 (0.2, 1.0)	0.4 (0.2, 1.0)	0.5 (0.1, 1.2)	0.5 (0.2, 1.2)
Tuberculosis	0 (0, 0)	4,927 (762, 14,455)	27,938 (3,908, 68,342)	22,081 (3,615, 54,172)	19,768 (3,280, 48,871)	13,531 (2,336, 34,376)	10,520 (1,801, 28,204)	8,221 (1,441, 24,062)	0.0 (0.0, 0.0)	7.0 (1.1, 20.4)	14.6 (2.0, 35.8)	13.9 (2.3, 34.1)	13.4 (2.2, 33.1)	10.3 (1.8, 26.2)	8.4 (1.4, 22.5)	6.1 (1.1, 17.9)
HIV AIDS	0 (0, 0)	463 (295, 2,740)	(5,580, 19,386)	(8,335, 32,721)	(5,768, 23,326)	(1,974, 8,353)	915 (597, 3,303)	226 (148, 1,401)	0.0 (0.0, 0.0)	(0.6, 5.1)	(1.4, 4.8)	(1.4, 5.5)	(1.4, 5.6)	(1.1, 4.5)	(0.8, 4.7)	(0.5, 4.8)
Lower respiratory infections	0 (0, 0)	242 (142, 532)	721 (390, 1,252)	681 (390, 1,160)	789 (440, 1,333)	1,012 (653, 1,576)	(687, 1,035)	(991, 1,522)	0.0 (0.0, 0.0)	(1.4, 5.4)	(2.6, 8.2)	(2.9, 8.6)	(2.8, 8.5)	(3.3, 8.1)	(2.9, 6.7)	(2.4, 5.7)
Noncommunicable diseases	23,244 (23,244, 23,244)	231,105 (227,016, 244,192)	1,180,548 (1,154,587, 1,226,774)	971,752 (928,125, 1,040,142)	561,841 (477,992, 677,495)	289,910 (181,122, 440,681)	59,165 (- 173,234, 440,681)	11,712 (- 173,234, 307,366)	0.1 (0.1, 0.1)	1.5 (1.5, 1.6)	3.1 (3.0, 3.2)	2.3 (2.2, 2.4)	1.2 (1.0, 1.4)	0.6 (0.4, 0.9)	0.1 (- 0.1, 0.6)	0.0 (- 0.3, 0.6)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	582 (486, 765)	(4,813, 6,963)	(13,575, 19,567)	(21,344, 30,118)	(20,662, 28,697)	(21,582, 32,231)	0.0 (0.0, 0.0)	(0.0, 0.0)	(0.8, 1.3)	(3.0, 4.4)	(3.8, 5.5)	(4.1, 5.8)	(3.6, 5.0)	(2.8, 4.2)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	106 (71, 157)	748 (552, 976)	1,231 (900, 1,627)	(1,644, 2,816)	(1,611, 2,874)	(1,861, 3,555)	(100.0, 100.0)	(0.0, 0.0)	(4.0, 8.8)	(12.5, 22.2)	(12.8, 23.1)	(14.5, 24.8)	(12.6, 22.5)	(10.9, 20.7)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	23 (13, 36)	149 (97, 200)	378 (267, 503)	810 (603, 1,055)	741 (545, 989)	495 (354, 686)	(100.0, 100.0)	(0.0, 0.0)	(3.7, 10.1)	(12.5, 26.0)	(14.4, 27.1)	(16.0, 28.1)	(13.6, 24.6)	(10.7, 20.8)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	8 (5, 13)	62 (45, 82)	239 (180, 314)	588 (449, 768)	892 (635, 1,225)	(748, 1,658)	(100.0, 100.0)	(0.0, 0.0)	(2.0, 5.2)	(6.8, 12.3)	(7.7, 13.5)	(8.3, 14.3)	(6.8, 13.2)	(5.4, 11.9)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	41 (22, 71)	361 (215, 538)	1,134 (687, 1,682)	(1,597, 3,879)	(1,956, 5,308)	(2,816, 9,374)	(100.0, 100.0)	(0.0, 0.0)	(1.1, 3.6)	(3.2, 7.9)	(3.4, 8.4)	(3.6, 8.8)	(3.0, 8.2)	(2.2, 7.4)
Liver cancer	0 (0, 0)	0 (0, 0)	45 (21, 79)	196 (103, 326)	555 (288, 930)	1,151 (597, 1,916)	(874, 2,908)	(1,420, 4,898)	(0.0, 0.0)	(0.0, 0.0)	(2.6, 9.7)	(5.2, 16.4)	(5.1, 16.4)	(5.3, 17.1)	(5.4, 17.8)	(5.8, 19.9)
Breast cancer	0 (0, 0)	0 (0, 0)	354 (284, 467)	(3,362, 5,215)	(10,155, 15,613)	(14,151, 21,676)	(12,005, 18,133)	(10,498, 16,119)	(100.0, 100.0)	(0.0, 0.0)	(2.9, 4.7)	(6.7, 10.4)	(7.2, 11.0)	(7.7, 11.8)	(7.1, 10.8)	(6.0, 9.2)
Larynx cancer	0 (0, 0)	0 (0, 0)	5 (3, 9)	36 (23, 53)	166	430	492	478	(100.0, 100.0)	(0.0, 0.0)	(2.0, 6.1)	(6.2, 14.3)	(7.1, 15.8)	(8.5, 17.9)	(7.2, 16.4)	(5.2, 14.2)
Diabetes mellitus	0 (0, 0)	-5,345 (- 7,685, - 2,234)	-62,527 (- 86,451, - 35,092)	-121,100 (- 166,135, - 68,466)	-234,337 (- 322,699, - 134,595)	-278,608 (- 385,858, - 160,477)	-250,042 (-349,780, - 140,601)	-208,519 (-295,240, - 113,944)	0.0 (0.0, 0.0)	-4.2 (- 6.1, - 1.8)	-9.2 (- 12.8, - 5.2)	-9.1 (- 12.4, - 5.1)	-9.9 (- 13.6, - 5.7)	-8.6 (- 12.0, - 5.0)	-8.1 (- 11.3, - 4.6)	-7.2 (- 10.2, - 3.9)
Alcohol use disorders	23,244 (23,244, 23,244)	209,827 (209,827, 209,827)	1,153,260 (1,153,260, 1,153,260)	1,012,534 (1,012,534, 1,012,534)	711,674 (711,674, 711,674)	490,995 (490,995, 490,995)	240,030 (240,030, 240,030)	118,739 (118,739, 118,739)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)

Cause of disease or injury	Alcohol-attributable YLD								Population Attributable Fraction									
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70		
Epilepsy		14,843 (11,700, 23,941)	54,591 (41,840, 74,693)	40,932 (31,657, 56,431)	35,316 (27,206, 48,235)	25,926 (20,065, 35,562)	18,051 (14,032, 25,160)	16,577 (12,965, 23,108)	0.0 (0.0, 0.0)	4.5 (3.5, 7.2)	9.1 (7.0, 12.4)	9.1 (7.0, 12.5)	9.5 (7.3, 12.9)	8.1 (6.2, 11.1)	7.0 (5.5, 9.8)	5.9 (4.7, 8.3)		
Cardiovascular diseases			2,679 (- 574 (33, 3,831)	3,612 (- 2,180, 25,335)	-5,967 (- 31,745, 40,015)	-21,248 (- 74,940, 57,064)	-15,496 (- 99,818, 120,395)	21,302 (- 135,512, 305,692)	0.0 (0.0, 0.0)	0.2 (0.0, 1.4)	0.4 (- 0.4, 4.1)	0.4 (- 0.7, 3.5)	-0.4 (- 2.0, 2.5)	-0.8 (- 2.8, 2.2)	-0.4 (- 2.5, 3.1)	0.3 (- 1.8, 4.1)		
Hypertensive heart disease					3,781 (1,688, 2,562)	5,670 (2,085, 7,286)	11,569 (2,543, 11,127)		0.0 (0.0, 0.0)	2.7 (1.3, 11.3)	6.2 (2.9, 14.0)	4.3 (1.9, 8.1)	4.3 (1.9, 8.3)	3.5 (1.6, 6.9)	3.0 (1.3, 5.8)	2.6 (1.2, 5.2)		
Ischaemic heart disease					2,184 (- 4,283, 1,160)	4,459 (- 9,684, 8,323)	6,966 (- 16,576, 29,166)	16,618 (- 49,620, 68,837)	29,439 (- 134,197, 134,197)	0.0 (0.0, 0.0)	2.4 (- 0.6, 7.4)	3.0 (- 3.1, 11.4)	2.8 (- 2.7, 10.4)	2.2 (- 3.1, 9.4)	3.1 (- 1.8, 9.3)	5.0 (- 0.9, 9.7)		
Ischaemic stroke					-800 (- 1,051, 1,964)	-5,174 (- 7,731, 16,123)	-10,973 (- 16,609, 10,712)	-35,500 (- 55,494, - 5,082)	-73,406 (- 169,921, 27,087)	0.0 (0.0, 0.0)	-2.9 (- 3.8, 7.1)	-4.8 (- 7.1, 14.9)	-5.6 (- 8.4, 5.4)	-7.1 (- 11.1, - 1.5)	-6.9 (- 10.2, 11.5)	-5.3 (- 9.4, 1.6)	-4.0 (- 9.7, 4.7)	
Haemorrhagic stroke					5,320 (3,098, 8,417)	8,322 (5,014, 13,074)	18,202 (10,772, 28,734)	29,769 (17,924, 47,231)	37,061 (22,561, 59,268)	0.0 (0.0, 0.0)	8.3 (5.0, 13.7)	13.3 (7.7, 21.0)	13.1 (7.9, 20.5)	13.4 (7.9, 21.1)	11.9 (7.2, 18.9)	10.4 (6.4, 16.7)	9.8 (6.0, 15.6)	
Cardiomyopathy, myocarditis, endocarditis						1,090 (1,090, 1,097)	1,247 (1,246, 1,253)	2,012 (2,012, 2,018)	0.0 (0.0, 0.0)	0.6 (0.6, 0.6)	0.8 (0.8, 0.8)	1.6 (1.6, 1.6)	1.9 (1.9, 1.9)	2.7 (2.7, 2.7)	2.7 (2.7, 2.7)	1.9 (1.9, 1.9)		
Digestive diseases					11,206 (8,975, 14,170)	31,963 (27,249, 36,759)	30,064 (26,021, 34,295)	39,047 (34,165, 44,312)	47,850 (41,422, 54,755)	42,770 (36,741, 49,873)	37,773 (32,276, 45,049)	0.0 (0.0, 0.0)	8.6 (6.9, 10.9)	9.5 (8.1, 10.9)	5.1 (4.5, 5.9)	4.0 (3.5, 4.5)	5.7 (4.9, 6.5)	
Cirrhosis of the liver					11,153 (8,896, 14,027)	31,650 (26,934, 36,255)	29,623 (25,604, 33,549)	38,482 (33,579, 43,293)	47,025 (41,060, 53,519)	41,926 (36,098, 48,681)	36,873 (31,318, 43,848)	0.0 (0.0, 0.0)	33.5 (26.7, 42.1)	49.3 (41.9, 56.5)	51.1 (44.1, 57.8)	53.5 (46.6, 60.1)	46.3 (39.8, 53.7)	42.2 (35.8, 50.2)
Pancreatitis					52 (2, 156)	314 (45, 816)	441 (63, 1,154)	564 (-118, 1,878)	825 (106, 2,155)	844 (198, 2,014)	900 (276, 2,006)	0.0 (0.0, 0.0)	0.2 (0.2, 20.2)	1.9 (1.9, 34.4)	1.8 (1.7, 31.8)	1.3 (1.3, 28.7)	2.4 (2.4, 24.3)	
Injuries					24,012 (18,108, 37,906)	92,486 (65,357, 129,391)	381,274 (279,391, 531,908)	449,967 (341,184, 755,262)	548,280 (415,553, 728,039)	546,316 (441,732, 616,443)	465,835 (385,021, 648,176)	1.3 (1.0, 2.0)	9.4 (6.6, 14.1)	14.7 (10.8, 20.6)	14.6 (11.1, 20.1)	16.3 (12.3, 19.8)	13.3 (11.0, 17.5)	
Unintentional injuries					24,012 (18,108, 37,906)	82,012 (55,721, 127,146)	340,534 (238,445, 487,698)	414,115 (307,936, 577,425)	515,582 (388,476, 716,554)	523,000 (418,312, 602,410)	450,087 (368,381, 634,799)	1.5 (1.1, 2.3)	10.1 (6.9, 15.7)	15.8 (11.1, 22.7)	16.0 (11.9, 22.4)	17.2 (13.0, 20.5)	15.3 (12.2, 18.0)	
Road injury					24,012 (18,108, 37,906)	18,425 (14,662, 26,163)	80,421 (64,644, 110,767)	114,304 (92,974, 157,607)	163,469 (131,630, 228,049)	174,375 (142,217, 244,285)	151,644 (124,513, 213,356)	27.7 (20.9, 43.7)	21.5 (17.1, 30.6)	25.5 (20.5, 35.1)	25.0 (20.4, 34.5)	25.9 (20.8, 36.1)	24.1 (19.7, 33.8)	
Poisonings					1,034 (576, 1,662)	3,586 (2,142, 5,444)	3,412 (2,092, 5,098)	3,312 (1,992, 4,965)	2,472 (1,592, 3,689)	1,655 (1,100, 2,450)	1,214 (835, 1,790)	0.0 (0.0, 0.0)	11.2 (6.2, 17.9)	16.3 (9.7, 24.7)	15.9 (9.9, 23.8)	16.4 (8.9, 24.6)	13.8 (7.9, 20.6)	
Falls					26,572 (15,044, 42,400)	111,082 (69,315, 165,369)	136,991 (89,134, 199,216)	171,185 (109,873, 250,726)	197,416 (134,936, 283,256)	186,463 (131,157, 265,953)	232,092 (164,185, 336,798)	0.0 (0.0, 0.0)	10.1 (5.7, 16.2)	16.1 (10.0, 23.9)	16.3 (10.6, 23.7)	16.9 (10.8, 24.7)	14.5 (9.9, 20.8)	
Fire, heat and hot substances					5,494 (3,016, 9,203)	22,746 (13,402, 35,277)	27,897 (17,283, 42,462)	28,838 (17,842, 43,694)	23,674 (16,029, 34,592)	16,175 (11,554, 22,999)	11,651 (8,720, 16,259)	0.0 (0.0, 0.0)	8.6 (4.7, 14.5)	13.6 (8.0, 20.1)	13.2 (8.2, 20.9)	13.8 (8.6, 17.7)	12.1 (8.2, 16.1)	
Drowning					1,917 (1,020, 3,115)	2,049 (1,108, 3,308)	2,378 (1,263, 3,844)	2,378 (1,263, 3,844)	1,231 (731, 2,008)	1,135 (718, 1,876)	0.0 (0.0, 0.0)	9.2 (4.7, 15.8)	14.8 (7.9, 24.1)	14.2 (7.7, 22.9)	14.6 (7.8, 23.6)	11.1 (6.2, 18.0)	8.9 (5.3, 14.5)	

Cause of disease or injury	Alcohol-attributable YLD								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Exposure to mechanical forces		5,820	25,598	31,513	38,799	35,010	26,312	20,386	0.0	10.3	15.9	15.5	16.0	13.6	11.8	8.9
	0 (0, 0)	(3,235, 9,520)	(15,460, 38,833)	(19,723, 46,911)	(23,776, 58,352)	(23,128, 51,541)	(18,130, 38,160)	(14,670, 29,236)	(0.0, 0.0)	(5.7, 16.8)	(9.6, 24.1)	(9.7, 23.1)	(9.8, 24.0)	(9.0, 20.1)	(8.1, 17.1)	(6.4, 12.8)
Other unintentional injuries		24,234	95,184	97,949	107,602	88,274	66,608	57,632	0.0	7.5	12.5	12.0	12.7	10.5	9.1	6.9
	0 (0, 0)	(13,104, 41,750)	(53,828, 150,690)	(58,206, 153,115)	(63,519, 168,533)	(56,191, 134,559)	(44,870, 99,665)	(40,805, 85,649)	(0.0, 0.0)	(4.1, 12.9)	(7.0, 19.7)	(7.1, 18.8)	(7.5, 19.9)	(6.7, 16.0)	(6.1, 13.6)	(4.9, 10.2)
Intentional injuries		10,474	40,740	35,852	32,698	23,317	15,748	12,207	0.0	6.1	9.3	7.3	8.8	9.3	9.2	8.1
	0 (0, 0)	(3,438, 20,482)	(14,138, 74,381)	(15,112, 62,755)	(14,118, 56,222)	(13,600, 36,270)	(10,260, 23,446)	(8,937, 17,572)	(0.0, 0.0)	(2.0, 12.0)	(3.2, 17.1)	(3.1, 12.8)	(3.8, 15.1)	(5.5, 14.5)	(6.0, 13.7)	(5.9, 11.7)
Self-harm			4,658	5,461	6,037	5,253	3,788	3,123	0.0	9.9	14.2	13.9	14.2	12.5	10.8	8.3
	0 (0, 0)	(863, 1,529)	(1,864, 7,842)	(2,432, 9,036)	(2,621, 10,139)	(2,822, 5,911)	(2,169, 4,945)	(1,931, 4,945)	(0.0, 0.0)	(3.6, 17.6)	(5.7, 23.9)	(6.2, 23.0)	(6.2, 23.9)	(6.7, 19.6)	(6.2, 16.9)	(5.2, 13.2)
Interpersonal violence		9,611	36,082	30,392	26,661	18,064	11,959	9,084	0.0	7.4	11.4	11.4	12.7	12.4	11.9	10.1
	0 (0, 0)	(3,117, 18,950)	(12,241, 66,704)	(12,831, 53,808)	(11,392, 46,183)	(10,817, 27,886)	(8,086, 17,545)	(6,964, 12,636)	(0.0, 0.0)	(2.4, 14.7)	(3.9, 21.0)	(4.8, 20.2)	(5.4, 22.0)	(7.4, 19.1)	(8.1, 17.5)	(7.7, 14.0)

Table A12. Global alcohol-attributable years lived with disability (YLD) by age and cause in 2016 and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable YLD								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	121,857 (107,417, 156,196)	958,143 (894,498, 1,080,441)	5,276,204 (4,940,811, 5,703,154)	5,368,208 (4,958,737, 5,893,687)	4,817,591 (4,328,285, 5,445,044)	3,922,247 (3,467,709, 4,535,264)	2,562,622 (2,218,745, 3,095,008)	1,795,925 (1,498,919, 2,358,429)	0.1 (0.1, 0.2)	2.5 (2.3, 2.8)	5.5 (5.2, 6.0)	5.3 (4.9, 5.8)	4.5 (4.0, 5.1)	3.7 (3.3, 4.3)	2.7 (2.3, 3.3)	1.7 (1.4, 2.2)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	14,779 (6,775, 33,712)	129,202 (61,709, 213,468)	153,671 (82,249, 241,749)	151,104 (74,338, 242,164)	119,321 (48,955, 202,526)	90,632 (32,422, 164,662)	58,370 (21,761, 111,630)	0.0 (0.0, 0.0)	0.2 (0.1, 0.5)	0.8 (0.4, 1.3)	1.1 (0.6, 1.7)	1.4 (0.7, 2.2)	1.6 (0.7, 2.8)	1.9 (0.7, 3.5)	1.7 (0.6, 3.2)
Tuberculosis	0 (0, 0)	13,416 (5,128, 31,044)	105,185 (37,130, 186,411)	109,498 (37,364, 190,861)	113,897 (37,327, 198,357)	101,083 (30,494, 183,042)	82,364 (24,130, 155,537)	52,679 (16,028, 106,023)	0.0 (0.0, 0.0)	8.7 (3.3, 20.2)	22.1 (7.8, 39.2)	24.3 (8.3, 42.4)	25.2 (8.3, 43.9)	22.9 (6.9, 41.5)	20.4 (6.0, 38.5)	15.5 (4.7, 31.3)
HIV AIDS	0 (0, 0)	855 (644, 4,460)	(15,908, 34,960)	(30,224, 66,408)	(24,686, 53,525)	(10,694, 23,127)	(3,509, 8,194)	(1,039, 2,799)	0.0 (0.0, 0.0)	(0.7, 4.7)	(2.1, 5.4)	(2.4, 5.8)	(2.7, 5.3)	(2.4, 5.3)	(2.0, 4.8)	(1.4, 3.8)
Lower respiratory infections	0 (0, 0)	508 (325, 1,026)	(1,103, 3,060)	(1,189, 3,158)	(1,474, 3,912)	(2,036, 4,790)	(2,041, 4,971)	(2,523, 6,509)	0.0 (0.0, 0.0)	(1.6, 5.1)	(3.4, 9.5)	(4.0, 10.7)	(4.3, 11.4)	(4.7, 11.1)	(4.0, 9.6)	(3.1, 8.1)
Noncommunicable diseases	63,300 (63,300, 63,300)	667,830 (660,235, 693,324)	3,766,686 (3,723,644, 3,832,934)	3,447,087 (3,389,859, 3,534,366)	2,534,725 (2,435,634, 2,684,335)	1,731,623 (1,595,682, 1,932,088)	891,333 (740,027, 1,130,653)	459,809 (262,327, 808,057)	0.1 (0.1, 0.1)	2.3 (2.3, 2.4)	5.1 (5.1, 5.2)	4.3 (4.2, 4.4)	2.9 (2.8, 3.1)	1.9 (1.8, 2.2)	1.1 (0.9, 1.4)	0.5 (0.3, 0.8)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	1,176 (1,012, 1,489)	10,780 (9,269, 12,571)	33,066 (28,607, 38,356)	66,968 (58,870, 75,947)	78,176 (68,919, 88,445)	81,116 (72,032, 93,159)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.1 (0.9, 1.3)	4.3 (3.7, 5.0)	5.9 (5.1, 6.8)	6.7 (5.9, 7.6)	5.8 (5.1, 6.6)	4.5 (4.0, 5.2)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	292 (218, 402)	(2,098, 4,681)	(4,681, 6,648)	(10,159, 13,599)	(9,164, 14,066)	(12,647, 18,875)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	7.7 (5.7, 10.6)	26.0 (20.2, 31.1)	30.9 (25.1, 35.7)	35.8 (30.2, 40.4)	34.1 (28.9, 38.7)	28.1 (23.7, 32.7)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	55 (37, 79)	665 (493, 798)	(2,280, 3,178)	(6,316, 8,219)	(6,084, 8,103)	(3,257, 4,531)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	5.1 (3.2, 10.9)	23.1 (13.4, 37.4)	31.4 (23.1, 43.7)	36.1 (23.1, 47.0)	33.6 (23.1, 44.7)	27.1 (17.9, 37.7)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	25 (19, 35)	307 (258, 358)	(1,486, 2,061)	(4,407, 6,066)	(6,535, 9,494)	(6,110, 9,074)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	4.3 (3.2, 5.9)	15.9 (13.3, 18.5)	21.2 (17.7, 24.5)	23.5 (19.6, 27.0)	22.1 (17.9, 26.0)	18.3 (14.7, 21.9)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	240 (200, 304)	1,591 (1,287, 1,946)	5,181 (4,141, 6,340)	13,119 (10,583, 15,874)	21,759 (17,477, 26,287)	32,543 (26,621, 39,720)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	4.6 (3.9, 5.9)	10.2 (8.3, 12.5)	11.5 (9.2, 14.1)	12.9 (10.4, 15.6)	13.3 (10.7, 16.1)	12.2 (10.0, 14.8)
Liver cancer	0 (0, 0)	0 (0, 0)	186 (109, 314)	1,094 (605, 1,659)	(1,929, 5,705)	(3,689, 10,197)	(4,550, 11,748)	(5,378, 12,907)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.2 (3.2, 9.3)	6.1 (6.1, 16.8)	6.2 (6.2, 18.5)	6.9 (6.9, 19.0)	7.2 (7.2, 18.7)	8.1 (8.1, 19.4)
Breast cancer	0 (0, 0)	0 (0, 0)	354 (284, 467)	4,158 (3,362, 5,215)	12,458 (10,155, 15,613)	17,357 (14,151, 21,676)	14,562 (12,005, 18,133)	12,808 (10,498, 16,119)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	3.5 (2.8, 4.6)	8.3 (6.7, 10.4)	8.7 (7.1, 11.0)	9.4 (7.6, 11.7)	8.5 (7.0, 10.6)	7.2 (5.9, 9.0)
Larynx cancer	0 (0, 0)	0 (0, 0)	23 (17, 33)	260 (198, 327)	(1,132, 1,803)	(3,980, 6,178)	(4,936, 7,755)	(3,524, 5,767)	100.0 (100.0, 100.0)	0.0 (0.0, 0.0)	5.3 (3.7, 7.6)	17.8 (13.6, 22.4)	22.4 (17.4, 27.7)	25.6 (20.2, 31.3)	24.8 (19.4, 30.5)	21.5 (16.5, 27.0)
Diabetes mellitus	0 (0, 0)	-3,784 (-6,593, 1,560)	-49,800 (-74,506, -17,358)	-93,082 (-142,057, -26,687)	-180,472 (-274,878, -53,311)	-208,058 (-327,435, -49,177)	-183,792 (-298,027, -35,772)	-152,927 (-257,487, -27,640)	0.0 (0.0, 0.0)	-1.4 (-2.4, 0.6)	-3.3 (-4.9, 1.1)	-3.1 (-4.7, 0.9)	-3.4 (-5.2, 1.0)	-3.1 (-4.8, 0.7)	-3.0 (-4.8, 0.6)	-2.9 (-4.8, 0.5)
Alcohol use disorders	63,300 (63,300, 63,300)	607,482 (607,482, 607,482)	3,565,027 (3,565,027, 3,565,027)	3,299,508 (3,299,508, 3,299,508)	2,421,999 (2,421,999, 2,421,999)	1,609,274 (1,609,274, 1,609,274)	777,974 (777,974, 777,974)	320,465 (320,465, 320,465)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)

Cause of disease or injury	Alcohol-attributable YLD								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Epilepsy		40,675 (33,254, 58,559)	173,059 (139,540, 212,755)	136,691 (110,440, 166,593)	119,795 (96,520, 145,158)	95,483 (76,781, 116,621)	68,831 (55,307, 84,871)	57,051 (46,322, 70,559)	0.0 (0.0, 0.0)	5.8 (4.7, 8.3)	13.5 (10.9, 16.6)	14.6 (11.8, 17.8)	15.6 (12.6, 18.9)	14.6 (11.8, 17.9)	13.4 (10.7, 16.5)	11.4 (9.2, 14.0)
	0 (0, 0)	1,007 (406, 4,637)	4,913 (- 1,364, 28,134)	9,998 (- 3,745, 38,729)	9,640 (- 24,932, 38,729)	8,140 (- 61,521, 60,287)	20,331 (- 84,443, 181,019)	63,058 (- 114,192, 369,324)	0.0 (0.0, 0.0)	0.2 (0.1, 0.9)	0.4 (- 0.1, 2.2)	0.6 (- 0.2, 2.3)	0.3 (- 0.8, 2.0)	0.2 (- 1.2, 2.0)	0.3 (- 1.1, 2.3)	0.5 (- 0.9, 2.8)
Cardiovascular diseases				4,008 (3,014, 5,384)	12,057 (8,975, 16,098)	18,968 (14,511, 24,522)	25,544 (19,576, 32,859)	42,098 (32,111, 56,251)	0.0 (0.0, 0.0)	4.1 (2.9, 11.6)	10.8 (8.1, 15.2)	8.1 (6.1, 10.8)	8.7 (6.5, 11.6)	8.6 (6.5, 11.1)	8.0 (6.1, 10.3)	6.5 (5.0, 8.7)
	0 (0, 0)	0 (0, 1)	10 (7, 14)	1,637 (- 3,368 (- 4,349 (-	3,368 (- 4,349 (- 13,703 (-	4,349 (- 13,703 (- 27,197 (-	27,197 (- 65,265 (- 39,550,	65,265 (- 39,550, 160,407)	0.0 (0.0, 0.0)	1.1 (- 0.6, 3.8)	0.9 (- 2.7, 5.2)	0.9 (- 2.4, 4.1)	0.6 (- 2.6, 3.3)	1.1 (- 2.0, 3.7)	1.6 (- 1.7, 4.6)	2.5 (- 1.5, 6.2)
Ischaemic heart disease	0 (0, 0)	393 (-235, 1,405)	4,570 (8,921) -1,133 (-	9,376 (15,952) -7,019 (-	19,718 (24,420) -13,964 (-	24,678 (46,159) -44,360 (-	28,182 (76,932) -90,249 (-	39,550, (160,407) -152,937 (-	0.0 (0.0, 0.0)	-2.3 (- -3.6 (- -3.9 (-	-3.6 (- -4.8 (- -4.4 (-	-3.9 (- -4.8 (- -4.4 (-	-4.8 (- -4.4 (- -4.4 (-	-4.4 (- -4.4 (- -4.4 (-	-3.0 (- -3.0 (- -3.0 (-	-3.0 (- -3.0 (- -3.0 (-
Ischaemic stroke	0 (0, 0)	1,439 (2,015)	9,857 (15,106)	20,251 (9,763)	67,399, - (6,232)	147,656, - (11,333)	206,051, (28,426)	315,856, (138,736)	0.0 (0.0, 0.0)	2.9 (4.0)	5.0 (7.7)	5.7 (2.7)	7.3, - (0.7)	7.3, - (0.6)	6.5 (0.9)	6.3, (2.8)
Haemorrhagic stroke	0 (0, 0)	1,490 (1,059, 2,205)	9,138 (6,481, 12,615)	15,125 (10,928, 20,647)	35,351 (25,383, 48,283)	61,313 (44,490, 82,654)	78,606 (57,201, 106,929)	103,836 (75,725, 140,838)	0.0 (0.0, 0.0)	7.4 (5.3, 11.0)	12.5 (8.8, 17.2)	12.7 (9.2, 17.4)	13.4 (9.6, 18.3)	12.5 (9.1, 16.8)	11.4 (8.3, 15.5)	10.9 (7.9, 14.7)
Cardiomyopathy, myocarditis, endocarditis	0 (0, 0)	257 (240, 393)	1,147 (1,076, 1,584)	1,461 (1,415, 1,836)	2,243 (2,190, 2,818)	4,406 (4,331, 5,282)	4,289 (4,223, 5,136)	4,797 (4,752, 5,248)	0.0 (0.0, 0.0)	1.3 (1.2, 2.0)	1.5 (1.4, 2.1)	2.7 (2.6, 3.4)	3.7 (3.6, 4.7)	5.1 (5.0, 6.1)	4.4 (4.3, 5.3)	2.8 (2.7, 3.0)
Digestive diseases	0 (0, 0)	22,450 (18,550, 28,590)	72,312 (62,519, 81,605)	83,192 (72,498, 92,734)	130,698 (112,961, 145,492)	159,817 (139,099, 177,829)	129,814 (112,966, 146,046)	91,045 (79,718, 103,574)	0.0 (0.0, 0.0)	8.9 (7.3, 11.3)	11.0 (9.5, 12.4)	8.1 (7.0, 9.0)	8.2 (7.0, 9.1)	10.0 (8.7, 11.2)	9.1 (7.9, 10.2)	6.9 (6.0, 7.8)
Cirrhosis of the liver	0 (0, 0)	18,391, (28,434)	61,255, (80,182)	70,382, (90,477)	110,159, (142,065)	135,887, (173,962)	109,915, (142,318)	76,751, (100,300)	0.0 (0.0, 0.0)	24.0, (37.2)	41.4, (54.2)	45.1, (58.0)	48.0, (61.9)	46.9, (60.1)	44.2, (57.3)	40.3, (52.6)
Pancreatitis	0 (0, 0)	163 (98, 275)	1,233 (828, 1,827)	2,146 (1,481, 3,034)	3,009 (1,940, 4,527)	3,437 (2,353, 4,963)	3,166 (2,201, 4,590)	2,993 (2,092, 4,346)	0.0 (0.0, 0.0)	12.6 (7.6, 21.2)	24.7 (16.6, 36.6)	26.6 (18.4, 37.7)	23.9 (15.4, 36.0)	23.8 (16.3, 34.3)	22.3 (15.5, 32.3)	20.2 (14.1, 29.4)
Injuries	58,557 (44,117, 92,896)	275,535 (209,843, 382,089)	1,380,317 (1,059,021, 1,767,436)	1,767,451 (1,375,752, 2,239,499)	2,131,761 (1,675,753, 2,689,397)	2,071,303 (1,649,540, 2,621,702)	1,580,658 (1,265,646, 2,002,629)	1,277,746 (1,023,597, 1,652,199)	1.4 (1.1, 2.3)	12.1 (9.2, 16.7)	21.4 (16.4, 27.4)	22.1 (17.2, 28.0)	23.7 (18.6, 29.9)	22.0 (17.6, 27.9)	19.5 (15.6, 24.7)	14.6 (11.7, 18.9)
Unintentional injuries	58,557 (44,117, 92,896)	251,462 (183,332, 359,797)	1,255,705 (937,119, 1,631,606)	1,633,150 (1,249,600, 2,100,703)	1,994,307 (1,542,877, 2,554,526)	1,959,820 (1,534,684, 2,513,282)	1,511,508 (1,199,039, 1,942,448)	1,236,551 (985,839, 1,612,257)	1.6 (1.2, 2.5)	12.9 (9.4, 18.4)	22.9 (17.1, 29.7)	23.9 (18.3, 30.8)	25.1 (19.5, 32.2)	23.1 (18.1, 29.6)	20.0 (15.9, 25.7)	14.8 (11.8, 19.3)
Road injury	58,557 (44,117, 92,896)	55,599 (40,192, 82,917)	301,514 (219,411, 424,300)	445,530 (325,956, 624,565)	603,241 (443,810, 846,149)	604,103 (449,338, 858,666)	464,111 (346,892, 665,722)	356,716 (267,406, 519,150)	26.9 (20.3, 42.7)	22.4 (16.2, 33.4)	29.9 (21.8, 42.1)	30.2 (22.1, 42.4)	31.3 (23.0, 43.8)	29.6 (22.0, 42.1)	28.0 (20.9, 40.2)	25.5 (19.1, 37.1)
Poisonings	0 (0, 0)	2,883 (1,892, 4,204)	11,218 (7,600, 15,002)	10,999 (7,520, 14,663)	10,634 (7,232, 14,227)	8,250 (5,674, 11,065)	5,294 (3,669, 7,164)	3,361 (2,362, 4,645)	0.0 (0.0, 0.0)	13.6 (8.9, 19.8)	22.5 (15.2, 30.1)	22.9 (15.7, 30.5)	23.7 (16.1, 31.7)	21.2 (14.6, 28.5)	18.4 (12.7, 24.9)	13.7 (9.6, 18.9)
Falls	0 (0, 0)	83,559 (54,835, 122,875)	406,337 (273,435, 543,675)	532,478 (364,249, 706,375)	650,622 (445,333, 859,897)	703,382 (496,973, 924,807)	590,910 (427,145, 782,532)	568,744 (417,025, 765,645)	0.0 (0.0, 0.0)	13.4 (8.8, 19.7)	23.5 (15.8, 31.5)	24.6 (16.8, 32.6)	25.2 (17.2, 33.3)	22.4 (15.8, 29.5)	18.4 (13.3, 24.4)	12.8 (9.4, 17.3)
Fire, heat and hot substances	0 (0, 0)	14,997 (9,832, 22,628)	69,999 (47,415, 94,917)	89,063 (61,487, 119,529)	91,487 (63,114, 122,356)	77,240 (54,803, 102,429)	49,646 (35,872, 65,758)	31,334 (22,905, 42,064)	0.0 (0.0, 0.0)	11.2 (7.4, 16.9)	20.3 (13.7, 27.5)	20.7 (14.3, 27.8)	21.6 (14.9, 28.9)	19.9 (14.1, 26.3)	17.9 (12.9, 23.7)	13.8 (10.1, 18.5)

Cause of disease or injury	Alcohol-attributable YLD								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Drowning		1,201 (767, 1,833)	5,972 (3,909, 8,223)	6,876 (4,548, 9,454)	7,911 (5,314, 10,844)	6,680 (4,487, 9,133)	4,692 (3,184, 6,502)	5,765 (3,609, 8,356)	0.0 (0.0, 0.0)	11.3 (7.2, 17.2)	20.7 (13.6, 28.6)	21.1 (13.9, 29.0)	21.7 (14.6, 29.8)	18.8 (12.6, 25.7)	15.8 (10.7, 21.9)	14.1 (8.9, 20.5)
Exposure to mechanical forces	0 (0, 0)	22,212 (13,999, 33,164)	124,854 (79,796, 170,037)	167,901 (108,588, 227,433)	206,545 (133,859, 279,364)	192,821 (126,345, 262,784)	135,113 (89,880, 185,620)	85,179 (57,715, 119,556)	0.0 (0.0, 0.0)	13.8 (8.7, 20.6)	24.7 (15.8, 33.7)	25.4 (16.4, 34.4)	26.2 (17.0, 35.5)	24.0 (15.7, 32.7)	20.7 (13.7, 28.4)	15.2 (10.3, 21.3)
Other unintentional injuries	0 (0, 0)	71,010 (45,433, 109,642)	335,812 (217,224, 466,854)	380,302 (248,471, 527,330)	423,867 (275,379, 582,576)	367,344 (241,342, 505,333)	261,742 (176,696, 360,782)	185,453 (128,371, 261,472)	0.0 (0.0, 0.0)	9.6 (6.2, 14.9)	18.8 (12.1, 26.1)	19.4 (12.7, 26.9)	20.5 (13.3, 28.1)	18.2 (12.0, 25.0)	15.6 (10.6, 21.6)	11.2 (7.8, 15.8)
Intentional injuries		24,073 (12,257, 41,461)	124,612 (60,056, 190,658)	134,301 (66,392, 200,438)	137,454 (65,909, 205,660)	111,482 (56,538, 166,995)	69,150 (37,476, 102,772)	41,195 (25,078, 61,051)	0.0 (0.0, 0.0)	7.2 (3.7, 12.5)	13.2 (6.3, 20.2)	11.6 (5.7, 17.3)	12.8 (6.1, 19.2)	12.5 (6.3, 18.7)	12.2 (6.6, 18.2)	10.8 (6.6, 16.0)
Self-harm	0 (0, 0)	1,940 (1,018, 3,202)	12,327 (6,332, 18,490)	16,241 (8,608, 24,003)	18,879 (9,826, 27,954)	17,804 (9,937, 25,856)	13,044 (7,418, 19,005)	10,542 (6,020, 15,856)	0.0 (0.0, 0.0)	10.8 (5.7, 17.9)	18.5 (9.5, 27.8)	19.2 (10.2, 28.4)	20.0 (10.4, 29.6)	18.7 (10.4, 27.2)	16.5 (9.4, 24.0)	13.1 (7.5, 19.7)
Interpersonal violence		22,133 (11,242, 38,508)	112,285 (53,798, 172,047)	118,060 (57,608, 176,926)	118,575 (56,011, 178,374)	93,678 (46,232, 141,089)	56,106 (29,894, 84,067)	30,653 (18,970, 45,384)	0.0 (0.0, 0.0)	9.1 (4.6, 15.9)	17.3 (8.3, 26.5)	19.0 (9.3, 28.4)	20.8 (9.8, 31.3)	20.4 (10.1, 30.7)	18.2 (9.7, 27.3)	13.5 (8.4, 20.0)

Table A13. Global alcohol-attributable premature years lived with disability (YLD) by cause and sex in 2016 and 95% uncertainty intervals

Cause of disease or injury	Men		Women		Total	
	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)
All Causes	17,060,843 (14,983,359, 19,491,704)	5.6 (5.0, 6.4)	5,966,030 (5,321,094, 7,199,212)	1.8 (1.6, 2.2)	23,026,873 (20,916,202, 25,908,794)	3.7 (3.3, 4.1)
Communicable, maternal, perinatal and nutritional conditions	518,412 (175,380, 909,154)	1.2 (0.4, 2.0)	140,296 (59,048, 317,534)	0.3 (0.1, 0.6)	658,708 (306,448, 1,098,281)	0.7 (0.3, 1.1)
Tuberculosis	426,678 (83,301, 813,969)	26.6 (5.2, 50.7)	98,766 (15,700, 248,420)	11.1 (1.8, 27.8)	525,444 (171,573, 945,251)	21.0 (6.9, 37.8)
HIV AIDS	82,706 (50,373, 124,975)	4.0 (2.4, 6.1)	37,050 (22,549, 89,829)	2.0 (1.2, 4.7)	119,756 (85,666, 190,674)	3.0 (2.2, 4.8)
Lower respiratory infections	9,028 (3,782, 15,411)	4.4 (1.8, 7.5)	4,480 (2,701, 7,455)	2.3 (1.4, 3.8)	13,508 (8,169, 20,917)	3.4 (2.0, 5.2)
Noncommunicable diseases	9,785,020 (9,460,887, 10,201,601)	4.3 (4.1, 4.5)	3,317,564 (2,928,021, 3,897,395)	1.3 (1.1, 1.5)	13,102,584 (12,608,380, 13,871,000)	2.7 (2.6, 2.9)
Malignant neoplasms	118,920 (102,048, 136,388)	7.2 (6.2, 8.2)	71,246 (60,880, 86,110)	4.1 (3.5, 5.0)	190,166 (166,675, 216,809)	5.6 (4.9, 6.4)
Lip and oral cavity cancer	26,777 (22,185, 30,477)	40.8 (33.8, 46.4)	6,415 (4,779, 8,450)	17.1 (12.7, 22.5)	33,192 (27,666, 37,944)	32.1 (26.8, 36.7)
Other pharynx cancers	15,911 (13,380, 17,948)	45.4 (38.2, 51.2)	2,100 (1,525, 2,782)	19.4 (14.1, 25.7)	18,011 (15,210, 20,377)	39.3 (33.2, 44.4)
Oesophagus cancer	13,689 (11,156, 15,864)	26.3 (21.4, 30.5)	1,789 (1,314, 2,402)	10.0 (7.3, 13.4)	15,478 (12,705, 18,014)	22.1 (18.2, 25.7)
Colon and rectum cancers	34,287 (26,638, 41,752)	17.7 (13.7, 21.5)	7,603 (4,478, 11,478)	5.5 (3.3, 8.4)	41,890 (33,688, 50,750)	12.6 (10.2, 15.3)
Liver cancer	15,943 (7,616, 25,162)	12.7 (6.1, 20.1)	3,668 (1,883, 6,159)	10.1 (5.2, 17.0)	19,610 (10,883, 29,624)	12.1 (6.7, 18.3)
Breast cancer	0 (0, 0)	0.0 (0.0, 0.0)	48,889 (39,957, 61,104)	8.8 (7.2, 11.0)	48,889 (39,957, 61,104)	8.7 (7.1, 10.9)
Larynx cancer	12,313 (9,428, 15,260)	26.4 (20.2, 32.7)	781 (522, 1,150)	11.1 (7.4, 16.4)	13,095 (10,263, 16,096)	24.4 (19.1, 30.0)
Diabetes mellitus	232,970 (36,820, 524,073)	1.9 (0.3, 4.2)	-951,959 (-1,318,608, -541,465)	-8.7 (-12.1, -5.0)	-718,988 (-1,123,496, -180,745)	-3.1 (-4.8, -0.8)
Alcohol use disorders	8,502,999 (8,502,999, 8,502,999)	100.0 (100.0, 100.0)	3,841,564 (3,841,564, 3,841,564)	100.0 (100.0, 100.0)	12,344,562 (12,344,562, 12,344,562)	100.0 (100.0, 100.0)
Epilepsy	444,875 (334,040, 562,373)	12.1 (9.1, 15.3)	189,659 (146,499, 264,022)	5.6 (4.3, 7.8)	634,534 (511,841, 784,556)	9.0 (7.3, 11.1)
Cardiovascular diseases	89,875 (-44,390, 229,835)	0.9 (-0.4, 2.3)	-35,846 (-214,304, 277,094)	-0.4 (-2.1, 2.7)	54,029 (-175,599, 417,273)	0.3 (-0.9, 2.1)
Hypertensive heart disease	45,112 (34,102, 54,916)	15.7 (11.9, 19.1)	15,476 (6,915, 30,215)	3.5 (1.6, 6.8)	60,588 (46,083, 78,878)	8.3 (6.3, 10.8)
Ischaemic heart disease	-9,400 (-106,834, 52,016)	-0.4 (-4.4, 2.1)	60,047 (-34,238, 173,683)	3.2 (-1.8, 9.3)	50,648 (-86,759, 173,789)	1.2 (-2.0, 4.0)
Ischaemic stroke	-57,267 (-138,091, 64,117)	-1.8 (-4.4, 2.0)	-214,764 (-373,429, 40,946)	-6.0 (-10.4, 1.1)	-272,032 (-452,653, 37,744)	-4.0 (-6.7, 0.6)
Haemorrhagic stroke	101,423 (67,753, 138,229)	12.4 (8.3, 16.9)	99,599 (59,926, 158,251)	11.4 (6.8, 18.1)	201,022 (145,543, 273,334)	11.9 (8.6, 16.1)
Cardiomyopathy, myocarditis, endocarditis	10,006 (9,676, 13,246)	4.8 (4.6, 6.3)	3,797 (3,796, 3,825)	1.8 (1.8, 1.8)	13,803 (13,475, 17,049)	3.2 (3.2, 4.0)
Digestive diseases	395,382 (324,228, 456,542)	11.3 (9.2, 13.0)	202,900 (174,573, 234,164)	5.0 (4.3, 5.8)	598,282 (518,592, 672,295)	7.9 (6.9, 8.9)
Cirrhosis of the liver	385,269 (314,838, 446,306)	44.4 (36.3, 51.4)	199,859 (172,171, 229,323)	38.9 (33.5, 44.6)	585,128 (505,990, 657,436)	42.3 (36.6, 47.6)
Pancreatitis	10,113 (6,694, 13,482)	37.7 (25.0, 50.3)	3,040 (296, 8,172)	9.8 (1.0, 26.3)	13,154 (8,902, 19,217)	22.7 (15.4, 33.2)
Injuries	6,757,411 (4,814,198, 8,997,209)	23.9 (17.1, 31.9)	2,508,171 (1,946,346, 3,424,219)	13.2 (10.2, 18.0)	9,265,581 (7,279,672, 11,795,649)	19.6 (15.4, 24.9)
Unintentional injuries	6,315,167 (4,393,773, 8,579,603)	25.3 (17.6, 34.4)	2,349,342 (1,795,379, 3,252,259)	13.9 (10.6, 19.2)	8,664,509 (6,690,767, 11,195,258)	20.7 (16.0, 26.7)
Road injury	1,806,006 (1,254,879, 2,608,994)	32.1 (22.3, 46.3)	726,650 (588,748, 1,018,132)	24.7 (20.0, 34.6)	2,532,656 (1,869,716, 3,595,215)	29.5 (21.8, 41.9)
Poisonings	33,806 (19,121, 48,760)	22.4 (12.7, 32.3)	15,472 (9,493, 23,308)	12.6 (7.7, 19.0)	49,278 (33,587, 66,326)	18.0 (12.3, 24.2)
Falls	2,137,579 (1,275,129, 3,021,437)	25.8 (15.4, 36.5)	829,709 (549,458, 1,206,920)	13.3 (8.8, 19.4)	2,967,288 (2,061,970, 3,940,162)	20.5 (14.2, 27.2)
Fire, heat and hot substances	267,608 (154,422, 384,248)	23.6 (13.6, 33.9)	124,824 (79,125, 188,226)	11.4 (7.2, 17.2)	392,432 (272,523, 527,615)	17.6 (12.2, 23.7)
Drowning	23,546 (13,075, 34,602)	22.3 (12.4, 32.7)	9,785 (5,338, 15,906)	11.3 (6.2, 18.4)	33,332 (22,209, 45,988)	17.3 (11.5, 23.9)
Exposure to mechanical forces	686,395 (396,354, 981,668)	26.4 (15.3, 37.8)	163,051 (103,452, 243,318)	13.0 (8.3, 19.4)	849,446 (552,467, 1,158,402)	22.1 (14.4, 30.1)
Other unintentional injuries	1,360,227 (746,551, 2,020,408)	19.7 (10.8, 29.2)	479,851 (289,719, 748,312)	9.4 (5.6, 14.6)	1,840,078 (1,204,545, 2,552,518)	15.3 (10.0, 21.2)
Intentional injuries	442,244 (142,043, 716,283)	13.6 (4.4, 22.0)	158,829 (70,666, 273,556)	7.5 (3.3, 12.9)	601,072 (298,629, 907,983)	11.2 (5.6, 16.9)
Self-harm	54,175 (19,027, 86,614)	22.3 (7.8, 35.7)	26,060 (12,218, 42,699)	12.7 (6.0, 20.9)	80,235 (43,138, 118,509)	17.9 (9.6, 26.5)
Interpersonal violence	388,069 (123,852, 629,819)	21.5 (6.9, 34.9)	132,768 (58,484, 231,075)	10.0 (4.4, 17.5)	520,837 (254,784, 791,011)	16.7 (8.1, 25.3)

PAF: Population Attributable Fraction

Table A14. Global alcohol-attributable disability adjusted life years (DALYs) lost by age and cause in 2016 among men and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable DALYs lost								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	1,794,719 (1,323,529)	3,272,942 (2,631,977)	17,180,017 (13,951,679)	18,666,386 (15,734,503)	18,585,694 (15,847,610)	17,950,750 (15,548,588)	13,428,669 (11,340,799)	8,934,944 (6,529,076)	0.5 (0.4, 0.8)	6.8 (5.5, 9.4)	13.9 (11.3, 17.1)	14.2 (12.0, 16.7)	12.7 (10.9, 14.7)	10.1 (8.8, 11.6)	6.9 (5.8, 8.1)	3.9 (2.9, 5.1)
Communicable, maternal, perinatal and nutritional conditions	2,933,116 (0 (0, 0))	4,550,980 (147,272 (61,852, 380,950))	21,111,719 (1572,577 (548,040, 2,670,501))	21,964,853 (2,362,062 (1,003,711, 3,738,583))	21,526,787 (2,414,133 (1,001,819, 3,872,554))	20,573,066 (2,019,796 (778,291, 3,400,857))	15,768,019 (1,392,323 (542,409, 2,470,335))	11,699,483 (1,182,144 (498,086, 2,097,253))	0.0 (0.0, 0.0)	1.5 (0.6, 3.9)	7.1 (2.5, 12.0)	8.7 (3.7, 13.7)	10.0 (4.1, 16.0)	10.8 (4.1, 18.1)	9.0 (3.5, 16.0)	6.4 (2.7, 11.4)
Tuberculosis		112,506 (22,853, 295,494)	1,265,199 (264,853, 2,331,400)	1,691,015 (363,708, 2,996,469)	1,773,137 (367,091, 3,165,893)	1,564,994 (331,436, 2,868,923)	1,033,106 (202,187, 2,024,364)	657,251 (118,681, 1,366,337)	0.0 (0.0, 0.0)	10.3 (2.1, 27.1)	27.0 (5.6, 49.7)	30.1 (6.5, 53.3)	30.3 (6.3, 54.1)	27.1 (5.7, 49.7)	22.9 (4.5, 44.9)	17.9 (3.2, 37.2)
HIV AIDS		11,691 (7,090, 64,799)	152,515 (89,191, 235,980)	459,902 (269,819, 696,689)	405,879 (241,629, 608,519)	151,316 (90,663, 225,149)	35,557 (21,124, 53,104)	6,119 (3,513, 9,503)	0.0 (0.0, 0.0)	1.0 (0.6, 5.6)	3.8 (2.2, 5.8)	4.4 (2.6, 6.7)	4.7 (2.8, 7.1)	4.4 (2.6, 6.5)	4.0 (2.4, 6.0)	3.0 (1.7, 4.6)
Lower respiratory infections		23,076 (6,651, 66,471)	154,863 (49,131, 281,481)	211,145 (98,639, 341,178)	235,117 (103,137, 387,470)	303,486 (131,200, 502,739)	323,660 (109,964, 585,964)	518,774 (134,794, 1,010,336)	0.0 (0.0, 0.0)	2.5 (0.7, 7.3)	7.6 (2.4, 13.9)	10.5 (4.9, 16.9)	10.5 (4.6, 17.3)	9.6 (4.2, 15.9)	7.4 (2.5, 13.5)	6.1 (1.6, 11.8)
Noncommunicable diseases	40,056 (40,056, 40,056)	693,213 (643,082, 799,390)	4,562,656 (4,236,431, 4,828,871)	7,324,123 (6,627,359, 7,829,704)	9,266,087 (8,254,354, 9,989,911)	10,694,661 (9,391,190, 11,746,762)	8,795,141 (7,214,509, 10,277,680)	5,773,055 (3,671,070, 8,113,590)	0.1 (0.1, 0.1)	3.2 (3.0, 3.7)	8.1 (7.6, 8.6)	10.4 (9.4, 11.1)	9.5 (8.5, 10.3)	7.7 (6.7, 8.4)	5.3 (4.4, 6.2)	2.9 (1.8, 4.1)
Malignant neoplasms			55,985 (41,727, 81,686)	435,287 (333,067, 541,753)	1,275,149 (1,006,995, 1,559,400)	2,555,817 (2,125,265, 2,996,003)	2,671,021 (2,238,918, 3,109,202)	1,987,684 (1,661,628, 2,375,098)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.3 (1.0, 1.9)	6.4 (4.9, 7.9)	8.1 (6.4, 9.9)	8.5 (7.0, 9.9)	7.2 (6.0, 8.4)	5.4 (4.5, 6.4)
Lip and oral cavity cancer			12,074 (7,055, 18,800)	124,643 (86,785, 153,101)	268,333 (205,140, 314,703)	445,095 (364,084, 505,565)	366,904 (304,378, 419,217)	181,052 (151,601, 208,434)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	8.4 (4.9, 13.1)	34.7 (24.2, 42.6)	38.3 (29.3, 44.9)	42.2 (34.5, 47.9)	41.7 (34.6, 47.6)	37.4 (31.3, 43.0)
Other pharynx cancers			3,016 (1,887, 4,629)	46,327 (33,553, 56,381)	180,224 (139,855, 210,242)	385,054 (317,931, 435,730)	326,638 (271,881, 372,496)	150,309 (123,750, 174,890)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	8.5 (5.3, 13.0)	33.7 (24.4, 41.0)	39.0 (30.3, 45.5)	43.7 (36.1, 49.4)	42.4 (35.3, 48.3)	35.0 (28.8, 40.8)
Oesophagus cancer			2,399 (1,707, 3,564)	30,270 (24,741, 36,131)	182,531 (152,944, 210,911)	558,162 (464,199, 640,248)	687,938 (558,364, 801,111)	470,513 (371,784, 569,296)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.4 (3.1, 6.6)	15.8 (12.9, 18.9)	22.7 (19.0, 26.2)	25.9 (21.5, 29.7)	25.6 (20.8, 29.8)	22.5 (17.8, 27.2)
Colon and rectum cancers			13,294 (11,161, 16,172)	77,288 (61,304, 94,314)	181,840 (143,223, 220,997)	388,141 (307,143, 471,459)	537,557 (427,837, 646,242)	630,699 (511,498, 755,515)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.7 (4.8, 7.0)	13.9 (11.0, 17.0)	15.4 (12.2, 18.8)	17.2 (13.6, 20.9)	18.0 (14.3, 21.6)	18.2 (14.7, 21.8)
Liver cancer			24,512 (12,433, 45,658)	146,126 (68,309, 229,951)	398,611 (184,474, 633,590)	607,234 (294,239, 947,037)	564,440 (278,586, 878,484)	441,375 (219,282, 714,085)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.3 (2.7, 9.8)	11.8 (5.5, 18.5)	12.3 (5.7, 19.5)	13.0 (6.3, 20.3)	13.3 (6.6, 20.7)	13.2 (6.6, 21.4)
Breast cancer									0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 1.4)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)
Larynx cancer			689 (430, 1,095)	10,633 (7,667, 13,674)	63,610 (47,213, 80,445)	172,130 (131,958, 213,482)	187,545 (142,368, 233,398)	113,737 (84,723, 144,355)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.6 (2.9, 7.3)	20.2 (14.6, 26.0)	23.1 (17.1, 29.2)	26.1 (20.0, 32.3)	25.7 (19.5, 32.0)	22.6 (16.9, 28.7)
Diabetes mellitus			3,001 (-254, 10,489)	20,436 (4,243, 45,207)	43,049 (7,932, 97,408)	90,509 (14,923, 208,374)	143,675 (16,666, 329,540)	160,368 (11,765, 372,893)	0.0 (0.0, 0.0)	1.1 (-0.1, 3.9)	1.6 (0.3, 3.5)	1.8 (0.3, 4.0)	1.9 (0.3, 4.3)	1.9 (0.2, 4.4)	2.0 (0.1, 4.6)	2.0 (0.0, 4.6)

Cause of disease or injury	Alcohol-attributable DALYs lost								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Alcohol use disorders	40,056 (40,056, 40,056)	454,251 (454,251, 454,251)	2,851,870 (2,851,870, 2,851,870)	3,343,124 (3,343,124, 3,343,124)	2,978,735 (2,978,735, 2,978,735)	2,331,722 (2,331,722, 2,331,722)	1,197,258 (1,197,258, 1,197,258)	416,703 (416,703, 416,703)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)
Epilepsy	0 (0, 0)	64,021 (45,405, 99,508)	284,941 (210,744, 357,820)	231,780 (173,396, 286,468)	186,090 (140,654, 228,158)	134,562 (101,400, 167,587)	92,374 (68,963, 115,803)	68,265 (51,320, 86,280)	0.0 (0.0, 0.0)	6.9 (4.9, 10.7)	18.2 (13.5, 22.9)	21.0 (15.7, 26.0)	22.6 (17.0, 27.7)	22.0 (16.6, 27.4)	20.3 (15.2, 25.4)	18.2 (13.7, 23.1)
Cardiovascular diseases	0 (0, 0)	23,811 (16,362, 54,118)	168,700 (61,156, 291,512)	469,829 (217,486, 679,042)	843,426 (345,947, 1,141,173)	1,482,263 (654,532, 2,086,958)	1,714,254 (383,772, 2,861,041)	1,713,998 (-361,931, 3,692,100)	0.0 (0.0, 0.0)	1.4 (0.9, 3.1)	2.7 (1.0, 4.7)	3.8 (1.8, 5.5)	3.5 (1.4, 4.8)	3.4 (1.5, 4.8)	2.9 (0.6, 4.8)	2.2 (-0.5, 4.7)
Hypertensive heart disease	0 (0, 0)	1,995 (1,372, 3,153)	23,629 (17,383, 28,764)	59,804 (45,133, 72,072)	128,188 (97,892, 154,568)	228,874 (175,594, 279,284)	320,736 (238,687, 395,062)	470,823 (340,500, 591,357)	0.0 (0.0, 0.0)	4.5 (3.1, 7.1)	12.7 (9.4, 15.5)	14.8 (11.1, 17.8)	15.5 (11.8, 18.7)	15.0 (11.5, 18.3)	14.1 (10.5, 17.4)	13.2 (9.6, 16.6)
Ischaemic heart disease	0 (0, 0)	351 (-6,428, 10,801)	-18,083 (-116,191, 82,559)	-1,177 (-233,437, 165,310)	3,172 (-437,151, 205,564)	112,549 (-703,410, 520,486)	182,876 (-1,055,934, 1,111,072)	201,094 (-1,752,510, 2,076,849)	0.0 (0.0, 0.0)	0.1 (-1.4, 2.3)	-0.7 (-4.7, 3.4)	0.0 (-3.5, 2.5)	0.0 (-3.2, 1.5)	0.4 (-2.8, 2.1)	0.6 (-3.3, 3.5)	0.5 (-4.4, 5.3)
Ischaemic stroke	0 (0, 0)	-783 (-1,404, 1,185)	-4,414 (-8,912, 8,970)	-6,133 (-16,031, 14,760)	-19,037 (-48,933, 29,352)	-38,302 (-120,172, 86,771)	-116,917 (-348,216, 185,104)	-225,284 (-654,606, 305,166)	0.0 (0.0, 0.0)	-1.1 (-1.9, 1.6)	-1.5 (-3.0, 3.0)	-1.1 (-3.0, 2.8)	-1.3 (-3.4, 2.1)	-1.0 (-3.0, 2.2)	-1.2 (-3.7, 1.9)	-1.5 (-4.3, 2.0)
Haemorrhagic stroke	0 (0, 0)	16,137 (9,972, 29,798)	123,045 (80,067, 168,105)	266,332 (176,879, 357,471)	575,595 (381,062, 772,682)	991,436 (668,911, 1,337,525)	1,217,555 (797,440, 1,694,629)	1,209,274 (774,135, 1,721,223)	0.0 (0.0, 0.0)	4.9 (3.0, 9.1)	10.0 (6.5, 13.6)	11.3 (7.5, 15.2)	11.8 (7.8, 15.9)	11.2 (7.6, 15.2)	10.7 (7.0, 14.9)	10.2 (6.6, 14.6)
Cardiomyopathy, myocarditis, endocarditis	0 (0, 0)	6,111 (4,876, 26,149)	44,522 (42,500, 74,040)	151,003 (149,637, 168,170)	155,507 (154,217, 169,169)	187,707 (186,096, 206,860)	110,004 (108,157, 130,629)	58,091 (56,610, 71,834)	0.0 (0.0, 0.0)	2.6 (2.1, 11.3)	6.6 (6.3, 11.0)	15.4 (15.3, 17.2)	14.3 (14.2, 15.6)	14.8 (14.7, 16.3)	9.7 (9.6, 11.6)	5.0 (4.9, 6.2)
Digestive diseases	0 (0, 0)	148,129 (104,949, 218,577)	1,180,724 (918,820, 1,381,730)	2,801,053 (2,258,287, 3,203,568)	3,892,177 (3,221,427, 4,407,540)	4,046,622 (3,379,296, 4,579,584)	2,959,866 (2,456,591, 3,401,420)	1,425,459 (1,151,655, 1,717,685)	0.0 (0.0, 0.0)	12.3 (8.7, 18.1)	29.4 (22.9, 34.4)	39.5 (31.8, 45.1)	41.2 (34.1, 46.7)	37.7 (31.4, 42.6)	30.8 (25.5, 35.4)	18.3 (14.8, 22.1)
Cirrhosis of the liver	0 (0, 0)	142,238 (99,538, 212,213)	1,082,967 (831,852, 1,279,007)	2,603,315 (2,075,875, 2,993,075)	3,677,996 (3,017,632, 4,181,372)	3,880,028 (3,242,213, 4,416,488)	2,841,519 (2,345,830, 3,279,184)	1,339,787 (1,070,494, 1,626,554)	0.0 (0.0, 0.0)	26.0 (18.2, 38.8)	50.1 (38.4, 59.1)	54.8 (43.7, 63.0)	56.1 (46.0, 63.8)	54.0 (45.1, 61.4)	50.7 (41.9, 58.6)	42.9 (34.3, 52.1)
Pancreatitis	0 (0, 0)	5,891 (3,749, 9,122)	97,758 (63,374, 132,439)	197,737 (137,721, 257,065)	214,182 (143,862, 279,113)	166,594 (116,045, 214,511)	118,347 (79,926, 156,507)	85,672 (55,500, 116,223)	0.0 (0.0, 0.0)	14.7 (9.4, 22.8)	32.7 (21.2, 44.4)	37.4 (26.1, 48.7)	37.9 (25.5, 49.4)	36.8 (25.6, 47.4)	33.6 (22.7, 44.4)	30.4 (19.7, 41.2)
Injuries	1,754,663 (1,283,473, 2,893,060)	2,432,457 (1,768,723, 3,606,228)	11,044,784 (8,075,117, 14,630,752)	8,980,202 (6,787,499, 11,640,277)	6,905,474 (5,264,051, 8,890,690)	5,236,292 (4,051,760, 6,761,005)	3,241,205 (2,484,641, 4,274,131)	1,979,746 (1,447,277, 2,735,553)	5.1 (3.7, 8.3)	14.3 (10.4, 21.2)	24.6 (18.0, 32.6)	26.8 (20.3, 34.8)	28.2 (21.5, 36.3)	26.9 (20.8, 34.8)	23.6 (18.1, 31.2)	17.8 (13.0, 24.6)
Unintentional injuries	1,754,663 (1,283,473, 2,893,060)	1,804,721 (1,336,389, 2,715,392)	7,550,874 (5,583,170, 10,244,230)	6,176,749 (4,621,692, 8,206,946)	5,198,433 (3,851,988, 6,906,740)	4,130,178 (3,056,829, 5,488,697)	2,706,607 (1,996,695, 3,656,981)	1,737,970 (1,229,445, 2,464,455)	5.6 (4.1, 9.3)	16.9 (12.5, 25.5)	28.3 (21.0, 38.5)	29.9 (22.3, 39.7)	30.4 (22.5, 40.4)	28.4 (21.0, 37.7)	24.6 (18.1, 33.2)	18.3 (12.9, 25.9)

Cause of disease or injury	Alcohol-attributable DALYs lost								Population attributable fraction (%)							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Road injury	1,754,663															
	(1,283,473	2,221,189	4,744,414	3,387,326	2,617,685	1,877,837	1,122,728	574,587	22.9	20.5	30.3	31.7	32.2	30.5	28.3	24.1
Poisonings	2,893,060)	(805,153,	(3,229,198,	(2,333,289,	(1,786,125,	(1,267,268,	(761,889,	(393,504,	(16.7,	(13.5,	(20.6,	(21.8,	(22.0,	(20.6,	(19.2,	(16.5,
		1,960,871)	6,962,757)	4,920,695)	3,817,342)	2,759,393)	1,672,847)	880,888)	37.7)	32.9)	44.5)	46.0)	47.0)	44.8)	42.1)	36.9)
Falls		22,105	137,304	108,842	91,348	64,105	41,558	19,585	0.0	11.7	25.2	27.8	27.4	26.2	21.4	14.0
		(10,921,	(73,196,	(62,897,	(52,670,	(38,721,	(24,427,	(10,578,	(0.0,	(5.8,	(13.4,	(16.1,	(15.8,	(15.8,	(12.6,	(7.5,
Fire, heat and hot substances	0 (0, 0)	38,510)	203,909)	155,829)	131,523)	91,342)	61,084)	31,120)	0.0)	20.4)	37.4)	39.8)	39.5)	37.4)	31.5)	22.2)
		102,153	602,477	766,495	868,610	881,883	708,198	644,152	0.0	13.7	26.9	28.5	29.4	27.2	22.4	16.2
Drowning		(53,486,	(336,690,	(450,587,	(509,529,	(525,024,	(416,085,	(357,873,	(0.0,	(7.2,	(15.0,	(16.8,	(17.2,	(16.2,	(13.2,	(9.0,
	0 (0, 0)	168,473)	870,274)	1,084,226)	1,228,685)	1,260,678)	1,035,901)	991,882)	0.0)	22.7)	38.8)	40.4)	41.5)	38.8)	32.8)	24.9)
Exposure to mechanical forces		26,533	156,815	181,112	153,470	134,134	85,137	48,912	0.0	11.3	23.8	27.2	29.5	28.7	24.6	17.6
		(13,615,	(86,787,	(111,828,	(97,377,	(88,499,	(55,037,	(29,303,	(0.0,	(5.8,	(13.2,	(16.8,	(18.7,	(18.9,	(15.9,	(10.5,
Other unintentional injuries	0 (0, 0)	45,910)	231,259)	252,863)	209,761)	182,178)	118,390)	72,768)	0.0)	19.6)	35.1)	38.0)	40.4)	38.9)	34.2)	26.1)
		170,505	510,295	367,100	248,492	170,068	104,243	54,646	0.0	12.8	26.0	29.3	29.4	27.1	23.0	17.0
Intentional injuries		(85,511,	(280,103,	(225,369,	(151,569,	(105,586,	(61,299,	(29,613,	(0.0,	(6.4,	(14.3,	(18.0,	(18.0,	(16.9,	(13.5,	(9.2,
	0 (0, 0)	290,820)	749,188)	513,831)	347,528)	239,624)	151,039)	84,036)	0.0)	21.8)	38.2)	41.0)	41.2)	38.3)	33.3)	26.2)
Self-harm		65,986	381,430	371,610	337,986	273,527	166,928	85,411	0.0	12.8	26.0	28.4	29.9	28.0	24.4	18.2
		(33,688,	(205,964,	(213,334,	(195,887,	(158,808,	(96,418,	(48,935,	(0.0,	(6.5,	(14.0,	(16.3,	(17.3,	(16.3,	(14.1,	(10.4,
Interpersonal violence	0 (0, 0)	111,710)	559,406)	529,112)	482,831)	391,568)	242,474)	128,056)	0.0)	21.7)	38.1)	40.4)	42.7)	40.1)	35.5)	27.2)
Other unintentional injuries		196,252	1,018,139	994,263	880,843	728,623	477,815	310,676	0.0	11.7	25.0	27.3	27.8	26.1	21.8	16.1
		(97,818,	(540,680,	(575,868,	(518,627,	(451,217,	(288,681,	(172,546,	(0.0,	(5.8,	(13.3,	(15.8,	(16.4,	(16.1,	(13.1,	(8.9,
Intentional injuries	0 (0, 0)	337,806)	1,513,642)	1,427,091)	1,250,110)	1,030,643)	693,109)	475,574)	0.0)	20.2)	37.2)	39.1)	39.4)	36.9)	31.6)	24.7)
Self-harm		627,736	3,493,910	2,803,453	1,707,041	1,106,114	534,598	241,775	0.0	9.9	19.2	21.9	23.1	22.5	19.8	15.3
		(138,015,	(998,325,	(1,056,510,	(633,062,	(476,247,	(221,829,	(99,941,	(0.0,	(2.2,	(5.5,	(8.3,	(8.6,	(9.7,	(8.2,	(6.3,
Interpersonal violence	0 (0, 0)	1,236,079)	5,775,035)	4,383,571)	2,655,070)	1,696,716)	845,188)	408,013)	0.0)	19.4)	31.7)	34.3)	35.9)	34.6)	31.3)	25.7)
Self-harm		225,038	1,556,703	1,508,583	1,040,955	765,511	398,950	198,631	0.0	11.7	23.9	27.6	28.2	27.1	22.7	16.7
		(57,843,	(545,466,	(660,801,	(421,304,	(338,286,	(163,760,	(80,036,	(0.0,	(3.0,	(8.4,	(12.1,	(11.4,	(12.0,	(9.3,	(6.7,
Interpersonal violence	0 (0, 0)	425,677)	2,493,931)	2,279,013)	1,577,295)	1,154,926)	632,683)	335,155)	0.0)	22.1)	38.3)	41.6)	42.7)	40.9)	36.0)	28.2)
Interpersonal violence		402,697	1,937,207	1,294,870	666,085	340,603	135,648	43,144	0.0	11.9	22.4	24.2	24.1	22.4	19.8	13.9
		(81,268,	(445,756,	(385,954,	(208,761,	(135,493,	(58,809,	(19,827,	(0.0,	(2.4,	(5.1,	(7.2,	(7.5,	(8.9,	(8.6,	(6.4,
Interpersonal violence	0 (0, 0)	807,069)	3,281,066)	2,109,171)	1,076,635)	540,619)	215,583)	72,043)	0.0)	23.9)	37.9)	39.5)	38.9)	35.5)	31.4)	23.2)

Table A15. Global alcohol-attributable disability adjusted life years (DALYs) lost by age and cause in 2016 among women and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable DALYs lost								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	1,230,742 (909,404, 2,005,448)	1,242,424 (1,101,778, 1,728,433)	4,718,333 (4,133,398, 5,957,805)	4,819,773 (4,365,759, 6,096,609)	4,910,569 (4,452,286, 6,233,527)	5,019,878 (4,479,824, 6,565,197)	4,403,723 (3,633,197, 6,287,828)	5,258,816 (3,423,928, 8,270,405)	0.4 (0.3, 0.7)	3.0 (2.6, 4.1)	4.7 (4.1, 5.9)	4.5 (4.1, 5.7)	4.2 (3.8, 5.4)	3.8 (3.4, 4.9)	2.8 (2.3, 4.1)	2.2 (1.4, 3.4)
Communicable, maternal, perinatal and nutritional conditions	0 (0, 0)	96,549 (38,742, 308,687)	583,543 (220,582, 1,348,949)	666,304 (330,777, 1,551,150)	516,945 (247,788, 1,218,469)	368,725 (159,699, 943,761)	279,572 (121,265, 717,378)	306,416 (141,952, 728,432)	0.0 (0.0, 0.0)	0.8 (0.3, 2.4)	1.9 (0.7, 4.3)	2.3 (1.1, 5.3)	2.6 (1.3, 6.2)	2.8 (1.2, 7.1)	2.2 (0.9, 5.6)	1.6 (0.7, 3.7)
Tuberculosis	0 (0, 0)	72,287 (11,831, 235,790)	420,170 (60,075, 1,074,207)	412,660 (70,887, 1,060,149)	334,856 (58,269, 871,847)	260,880 (45,872, 744,407)	187,045 (31,356, 561,739)	128,770 (21,232, 421,125)	0.0 (0.0, 0.0)	6.6 (1.1, 21.6)	14.1 (2.0, 36.0)	14.1 (2.4, 36.3)	13.7 (2.4, 35.7)	10.4 (1.8, 29.8)	8.2 (1.4, 24.6)	5.4 (0.9, 17.6)
HIV AIDS	0 (0, 0)	9,198 (5,668, 57,630)	96,850 (56,774, 228,256)	180,208 (105,268, 512,558)	115,258 (68,284, 346,704)	29,399 (18,465, 108,208)	6,648 (4,156, 30,333)	869 (549, 7,846)	0.0 (0.0, 0.0)	0.9 (0.6, 5.7)	2.3 (1.3, 5.3)	2.2 (1.3, 6.4)	2.2 (1.3, 6.7)	1.6 (1.0, 6.0)	1.4 (0.9, 6.3)	0.8 (0.5, 7.0)
Lower respiratory infections	0 (0, 0)	15,064 (5,549, 56,786)	66,522 (27,127, 140,438)	73,436 (40,772, 144,937)	66,831 (35,809, 131,726)	78,445 (39,550, 162,699)	85,879 (37,495, 191,492)	176,777 (66,174, 384,534)	0.0 (0.0, 0.0)	1.8 (0.7, 6.7)	4.3 (1.7, 9.1)	5.4 (3.0, 10.6)	5.1 (2.7, 10.0)	3.9 (1.9, 8.0)	2.5 (1.1, 5.6)	2.0 (0.7, 4.3)
Noncommunicable diseases	23,244 (23,244, 23,244)	421,683 (383,165, 496,881)	2,011,835 (1,870,305, 2,243,437)	2,430,994 (2,235,041, 2,813,540)	2,814,683 (2,470,526, 3,501,907)	3,357,989 (2,831,805, 4,430,843)	3,115,843 (2,317,626, 4,626,114)	4,055,128 (2,195,789, 6,810,179)	0.0 (0.0, 0.0)	2.0 (1.8, 2.3)	3.7 (3.5, 4.2)	3.7 (3.4, 4.3)	3.2 (2.8, 4.0)	3.0 (2.6, 4.0)	2.3 (1.7, 3.5)	1.9 (1.0, 3.2)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	28,253 (22,725, 41,748)	273,845 (225,903, 353,396)	566,994 (478,849, 714,820)	819,374 (707,628, 1,014,953)	716,294 (611,736, 894,656)	651,780 (524,941, 845,888)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	0.8 (0.6, 1.1)	3.2 (2.6, 4.1)	3.4 (2.9, 4.3)	3.4 (3.0, 4.3)	3.0 (2.5, 3.7)	2.5 (2.0, 3.3)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	2,657 (1,762, 4,033)	20,791 (14,967, 27,640)	49,885 (35,185, 67,169)	76,440 (56,144, 102,184)	63,831 (46,865, 86,779)	46,583 (34,443, 64,535)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.5 (3.6, 8.3)	16.6 (12.0, 22.1)	17.3 (12.2, 23.2)	18.2 (13.4, 24.4)	16.1 (11.8, 21.9)	15.1 (11.1, 20.9)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	8,774 (5,900, 11,999)	20,791 (13,822, 27,624)	49,885 (24,095, 77,395)	76,440 (41,591, 102,184)	63,831 (36,428, 90,512)	46,583 (22,695, 71,273)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.9 (3.2, 8.0)	15.6 (10.5, 21.3)	17.1 (11.8, 23.5)	19.2 (14.7, 25.4)	17.3 (13.2, 23.4)	14.6 (10.9, 20.6)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	10,067 (7,168, 14,374)	27,559 (18,973, 39,347)	57,748 (40,507, 77,431)	73,350 (53,995, 101,670)	68,826 (47,114, 103,561)	801,061 (585,441, 1,016,481)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.2 (1.3, 3.9)	8.1 (5.7, 11.5)	8.4 (6.2, 12.0)	9.6 (7.5, 12.9)	8.9 (6.5, 12.3)	7.4 (5.0, 11.1)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	2,948 (1,360, 5,579)	23,514 (13,946, 36,229)	48,145 (29,508, 73,704)	90,512 (55,604, 136,624)	101,344 (67,156, 158,160)	127,703 (83,777, 193,677)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.5 (0.7, 2.9)	4.7 (2.8, 7.3)	5.0 (3.1, 7.7)	5.6 (3.5, 8.5)	5.1 (2.9, 7.9)	4.2 (2.1, 7.0)
Liver cancer	0 (0, 0)	0 (0, 0)	8,445 (4,167, 15,168)	35,764 (18,973, 60,520)	89,271 (47,353, 150,100)	147,072 (77,395, 245,957)	168,805 (86,489, 285,441)	193,677 (93,967, 331,239)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	6.0 (3.0, 10.9)	10.6 (5.6, 17.9)	10.1 (5.4, 17.0)	10.4 (5.5, 17.4)	10.6 (5.4, 18.0)	10.9 (5.3, 18.6)
Breast cancer	0 (0, 0)	0 (0, 0)	11,852 (9,194, 18,615)	173,515 (135,171, 231,633)	328,710 (263,191, 422,640)	407,591 (332,058, 516,948)	272,552 (223,921, 344,259)	192,258 (157,972, 242,040)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.4 (1.9, 3.8)	7.1 (5.5, 9.5)	7.5 (6.0, 9.6)	8.2 (6.7, 10.4)	7.5 (6.1, 9.5)	6.7 (5.5, 8.5)
Larynx cancer	0 (0, 0)	0 (0, 0)	204 (99, 398)	1,422 (877, 2,161)	2,260 (1,233, 3,414)	5,962 (3,414, 8,577)	6,468 (4,010, 9,548)	4,010 (2,636, 5,386)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.0 (1.4, 5.8)	9.6 (5.9, 14.6)	10.2 (6.8, 15.4)	11.4 (7.9, 16.6)	10.6 (7.2, 16.1)	8.6 (5.2, 13.9)
Diabetes mellitus	0 (0, 0)	-9,863 (-14,082, -2,462)	-94,325 (-129,603, -51,275)	-174,734 (-238,982, -95,538)	-362,012 (-496,016, -199,578)	-516,878 (-719,077, -277,026)	-567,214 (-791,554, -290,787)	-562,454 (-801,061, -285,347)	0.0 (0.0, 0.0)	-3.7 (-5.2, -0.9)	-8.6 (-11.9, -4.7)	-8.8 (-12.0, -4.8)	-9.1 (-12.5, -5.0)	-7.7 (-10.7, -4.1)	-6.6 (-9.2, -3.4)	-5.6 (-8.0, -2.8)
Alcohol use disorders	23,244 (23,244, 23,244)	225,343 (225,343, 225,343)	1,225,343 (1,225,343, 1,225,343)	1,174,515 (1,174,515, 1,174,515)	913,783 (913,783, 913,783)	713,738 (713,738, 713,738)	376,306 (376,306, 376,306)	188,888 (188,888, 188,888)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)

Cause of disease or injury	Alcohol-attributable DALYs lost								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Epilepsy		28,407 (21,823, 49,309)	107,652 (81,465, 150,528)	77,233 (59,219, 108,794)	59,300 (45,548, 81,344)	42,733 (32,990, 58,927)	28,673 (22,126, 39,677)	27,224 (21,216, 37,849)	0.0 (0.0, 0.0)	4.4 (3.4, 7.6)	9.2 (7.0, 12.9)	9.3 (7.1, 13.1)	9.7 (7.4, 13.3)	8.2 (6.3, 11.2)	6.9 (5.3, 9.5)	5.9 (4.6, 8.2)
	0 (0, 0)															
Cardiovascular diseases		27,874 (17,231, 61,666)	123,794 (49,616, 270,360)	280,681 (138,704, 545,143)	576,090 (282,295, 1,104,507)	964,637 (479,193, 1,858,768)	1,319,286 (536,235, 2,690,061)	2,905,542 (985,114, 5,547,425)	0.0 (0.0, 0.0)	1.8 (1.1, 4.0)	3.0 (1.2, 6.5)	3.9 (1.9, 7.7)	4.2 (2.0, 8.0)	3.8 (1.9, 7.3)	3.1 (1.2, 6.2)	3.3 (1.1, 6.4)
	0 (0, 0)															
Hypertensive heart disease		6,724 (3,066, 12,899)	15,455 (7,368, 31,328)	33,499 (15,890, 68,873)	52,007 (24,992, 112,103)	63,552 (29,772, 149,338)	113,844 (52,866, 267,765)		0.0 (0.0, 0.0)	1.9 (0.9, 5.4)	4.5 (2.1, 8.7)	4.5 (2.1, 9.1)	4.4 (2.1, 9.1)	3.5 (1.7, 7.6)	2.7 (1.3, 6.3)	2.2 (1.0, 5.3)
	0 (0, 0)															
Ischaemic heart disease		6,408 (- 741, 20,222)	29,053 (- 38,919, 129,246)	72,178 (- 60,398, 262,496)	143,453 (- 121,309, 523,040)	362,412 (- 118,918, 1,003,321)	735,312 (- 97,670, 1,652,281)	2,318,932 (309,866, 4,046,604)	0.0 (0.0, 0.0)	1.9 (- 0.2, 6.1)	2.3 (- 3.1, 10.3)	2.7 (- 2.3, 9.8)	2.5 (- 2.1, 9.1)	3.2 (- 1.1, 8.9)	3.7 (- 0.5, 8.3)	5.4 (0.7, 9.5)
	0 (0, 0)															
Ischaemic stroke		-1,155 (- 1,560, 12,256)	-7,525 (- 12,187, 52,332)	-17,684 (- 27,043, 36,293)	-64,013 (- 98,918, 262)	-156,497 (- 254,129, - 14,540)	-282,696 (- 527,192, 145,344)	-489,249 (- 1,176,048, 738,876)	0.0 (0.0, 0.0)	-1.2 (- 1.6, 12.5)	-2.6 (- 4.2, 18.0)	-3.6 (- 5.5, 7.4)	-5.2 (- 8.1, 0.0)	-5.3 (- 8.6, - 0.5)	-3.7 (- 6.8, 1.9)	-2.7 (- 6.6, 4.2)
	0 (0, 0)															
Haemorrhagic stroke		20,863 (11,739, 38,770)	88,790 (51,461, 149,163)	188,194 (112,343, 314,493)	439,411 (260,972, 729,115)	673,238 (404,843, 1,120,459)	778,695 (462,913, 1,308,542)	927,342 (570,424, 1,555,497)	0.0 (0.0, 0.0)	6.7 (3.8, 12.4)	11.3 (6.5, 18.9)	11.4 (6.8, 19.0)	12.0 (7.1, 19.9)	10.3 (6.2, 17.1)	8.8 (5.2, 14.7)	7.8 (4.8, 13.1)
	0 (0, 0)															
Cardiomyopathy, myocarditis, endocarditis		6,752 (6,749, 831)	22,537 (22,534, 22,654)	23,740 (23,737, 23,839)	33,477 (33,473, 33,568)	24,423 (24,420, 24,522)	34,673 (34,665, 34,819)		0.0 (0.0, 0.0)	0.5 (0.5, 0.6)	1.6 (1.6, 1.6)	4.7 (4.7, 4.7)	4.7 (4.7, 4.7)	5.7 (5.7, 5.7)	3.7 (3.7, 3.7)	2.7 (2.7, 2.7)
	0 (0, 0)															
Digestive diseases		149,923 (115,339, 194,513)	621,118 (507,195, 732,264)	799,454 (689,053, 915,748)	1,060,527 (926,907, 1,204,141)	1,334,385 (1,157,363, 1,539,172)	1,242,499 (1,055,380, 1,475,143)	844,149 (703,977, 1,058,618)	0.0 (0.0, 0.0)	12.5 (9.6, 16.2)	22.4 (18.3, 26.5)	24.5 (21.1, 28.1)	24.9 (21.8, 28.3)	24.4 (21.1, 28.1)	20.0 (17.0, 23.8)	10.9 (9.1, 13.7)
	0 (0, 0)															
Cirrhosis of the liver		147,873 (113,134, 191,822)	608,062 (496,161, 708,573)	777,490 (667,013, 883,570)	1,035,445 (898,718, 1,165,823)	1,305,870 (1,132,925, 1,498,701)	1,216,843 (1,031,697, 1,438,808)	817,063 (675,150, 1,023,503)	0.0 (0.0, 0.0)	32.2 (24.7, 41.8)	48.5 (39.6, 56.5)	51.1 (43.9, 58.1)	52.9 (45.9, 59.5)	48.6 (42.2, 55.8)	43.3 (36.7, 51.2)	34.9 (28.8, 43.7)
	0 (0, 0)															
Pancreatitis		2,050 (446, 5,886)	13,056 (3,191, 34,738)	21,963 (9,522, 49,253)	25,083 (7,686, 63,286)	28,515 (10,714, 68,357)	25,656 (10,194, 59,151)	27,086 (9,416, 62,298)	0.0 (0.0, 0.0)	6.5 (1.4, 18.5)	11.9 (2.9, 31.7)	14.1 (6.1, 31.7)	12.9 (3.9, 32.4)	11.9 (4.5, 28.5)	9.9 (3.9, 22.7)	8.5 (3.0, 19.5)
	0 (0, 0)															
Injuries		1,207,498 (886,160, 1,982,204)	724,191 (580,786, 1,042,451)	2,122,955 (1,638,066, 2,915,748)	1,722,475 (1,395,229, 2,300,541)	1,578,941 (1,273,817, 2,124,054)	1,293,164 (1,085,726, 1,711,665)	1,008,308 (851,065, 1,358,955)	897,272 (744,657, 1,255,114)	4.8 (3.5, 7.9)	9.3 (7.4, 13.3)	13.6 (10.5, 18.7)	14.8 (12.0, 19.7)	16.2 (13.1, 21.8)	14.1 (11.8, 18.6)	8.4 (7.0, 11.8)
Unintentional injuries		1,207,498 (886,160, 1,982,204)	556,586 (457,366, 808,258)	1,493,823 (1,209,871, 2,041,263)	1,268,968 (1,032,877, 1,725,661)	1,259,469 (1,021,307, 1,727,363)	1,090,815 (917,161, 1,477,429)	889,643 (742,913, 1,220,807)	830,433 (678,878, 1,171,236)	5.5 (4.0, 8.9)	12.5 (10.3, 18.2)	17.1 (13.9, 23.4)	17.1 (13.9, 23.2)	18.0 (14.6, 24.7)	15.1 (12.7, 20.5)	8.6 (7.0, 12.1)
Road injury		1,207,498 (886,160, 1,982,204)	365,021 (286,712, 538,191)	834,659 (658,767, 1,183,981)	643,015 (518,656, 907,005)	638,969 (511,827, 911,392)	531,700 (427,900, 770,260)	414,731 (334,358, 605,893)	305,172 (248,045, 447,541)	23.4 (17.2, 38.5)	19.7 (15.5, 29.0)	23.6 (18.7, 33.5)	23.5 (18.9, 33.1)	24.0 (19.2, 34.2)	21.7 (17.4, 31.4)	19.8 (16.9, 30.6)

Cause of disease or injury	Alcohol-attributable DALYs lost								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Poisonings	0 (0, 0)	11,290	44,659	32,653	30,337	18,003	13,093	6,442	0.0	8.2	13.4	14.5	13.6	10.2	7.2	5.2
		(5,850, 21,700)	(23,838, 73,536)	(18,564, 52,398)	(16,750, 49,096)	(10,329, 29,025)	(7,602, 21,689)	(4,274, 10,669)	(0.0, 0.0)	(4.2, 15.7)	(7.1, 22.0)	(8.2, 23.2)	(7.5, 22.0)	(5.8, 16.4)	(4.2, 12.0)	(3.4, 8.6)
Falls	0 (0, 0)	41,681	163,880	185,418	222,092	250,221	247,591	335,011	0.0	9.0	15.0	15.7	16.3	12.9	9.3	6.5
		(22,801, 69,562)	(99,049, 249,125)	(118,080, 273,598)	(139,426, 330,975)	(165,334, 369,198)	(167,695, 369,160)	(228,896, 514,531)	(0.0, 0.0)	(4.9, 15.0)	(9.0, 22.8)	(10.0, 23.1)	(10.2, 24.3)	(8.5, 19.0)	(6.3, 13.9)	(4.5, 10.0)
Fire, heat and hot substances	0 (0, 0)	28,081	101,782	85,552	61,317	46,811	32,173	24,924	0.0	5.7	10.4	10.9	12.4	10.7	9.0	7.0
		(13,387, 50,709)	(54,802, 168,192)	(51,075, 135,779)	(38,225, 95,153)	(32,109, 69,454)	(22,841, 47,591)	(18,915, 36,860)	(0.0, 0.0)	(2.7, 10.4)	(5.6, 17.2)	(6.5, 17.3)	(7.7, 19.2)	(7.3, 15.9)	(6.4, 13.3)	(5.3, 10.4)
Drowning	0 (0, 0)	32,596	69,853	53,255	42,568	28,198	21,416	15,966	0.0	7.8	13.4	14.4	15.4	10.9	8.3	5.5
		(16,991, 59,243)	(38,535, 113,327)	(31,923, 82,978)	(24,720, 67,146)	(16,401, 45,506)	(12,188, 36,229)	(9,531, 28,329)	(0.0, 0.0)	(4.1, 14.2)	(7.4, 21.7)	(8.6, 22.4)	(8.9, 24.3)	(6.3, 17.6)	(4.7, 14.0)	(3.3, 9.8)
Exposure to mechanical forces	0 (0, 0)	14,841	54,256	58,407	62,605	48,624	34,699	24,823	0.0	8.0	13.8	14.6	15.3	12.5	10.3	7.6
		(7,975, 26,211)	(31,100, 84,856)	(35,067, 89,959)	(37,197, 97,146)	(31,163, 73,366)	(23,095, 52,204)	(17,780, 37,056)	(0.0, 0.0)	(4.3, 14.1)	(7.9, 21.6)	(8.7, 22.4)	(9.1, 23.8)	(8.0, 18.9)	(6.8, 15.5)	(5.5, 11.4)
Other unintentional injuries	0 (0, 0)	63,076	224,735	210,668	201,582	167,258	125,940	118,094	0.0	7.2	12.1	12.4	13.2	10.9	8.6	6.3
		(33,588, 113,954)	(127,188, 363,289)	(128,940, 329,897)	(125,184, 311,483)	(110,757, 250,014)	(85,379, 189,834)	(79,050, 185,397)	(0.0, 0.0)	(3.8, 13.0)	(6.9, 19.6)	(7.6, 19.4)	(8.2, 20.4)	(7.2, 16.3)	(5.8, 13.0)	(4.2, 9.9)
Intentional injuries	0 (0, 0)	167,605	629,131	453,508	319,472	202,349	118,665	66,839	0.0	5.0	9.1	10.7	11.6	10.2	8.5	6.8
		(55,489, 336,836)	(221,600, 1,151,867)	(209,833, 771,264)	(142,223, 548,199)	(105,114, 334,286)	(64,342, 196,953)	(43,569, 107,292)	(0.0, 0.0)	(1.6, 10.0)	(3.2, 16.7)	(4.9, 18.1)	(5.2, 20.0)	(5.3, 16.8)	(4.6, 14.2)	(4.4, 10.8)
Self-harm	0 (0, 0)	111,711	424,690	290,992	217,706	143,947	87,105	48,417	0.0	5.5	9.9	12.4	13.4	10.7	8.5	6.5
		(34,599, 219,851)	(143,826, 785,551)	(123,703, 501,630)	(88,023, 382,233)	(65,990, 248,379)	(41,828, 151,515)	(28,922, 82,213)	(0.0, 0.0)	(1.7, 10.9)	(3.4, 18.3)	(5.3, 21.3)	(5.4, 23.6)	(4.9, 18.5)	(4.1, 14.8)	(3.9, 11.0)
Interpersonal violence	0 (0, 0)	55,894	204,442	162,516	101,766	58,402	31,560	18,422	0.0	6.9	11.4	12.9	13.5	12.8	11.4	9.2
		(17,605, 114,104)	(75,842, 373,742)	(83,460, 272,858)	(54,117, 165,957)	(39,255, 84,424)	(22,630, 44,632)	(14,580, 25,259)	(0.0, 0.0)	(2.2, 14.1)	(4.2, 20.8)	(6.6, 21.7)	(7.2, 22.0)	(8.6, 18.5)	(8.2, 16.1)	(7.2, 12.6)

Table A16. Global alcohol-attributable disability adjusted life years (DALYs) lost by age and cause in 2016 and 95% uncertainty intervals

Cause of disease or injury	Alcohol-attributable DALYs lost								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
All Causes	3,025,460 (2,232,750)	4,515,366 (3,831,041)	21,898,349 (18,596,964)	23,486,159 (20,648,423)	23,496,263 (20,799,000)	22,970,628 (20,432,013)	17,832,392 (15,512,620)	14,193,760 (11,231,333)	0.5 (0.3, 0.8)	5.0 (4.2, 6.7)	9.8 (8.3, 11.8)	9.9 (8.7, 11.5)	9.0 (7.9, 10.3)	7.4 (6.6, 8.4)	5.1 (4.4, 6.0)	3.0 (2.4, 3.9)
Communicable, maternal, perinatal and nutritional conditions	4,937,606 (0 (0, 0))	6,081,656 (243,822 (134,234, 617,727))	26,378,508 (2,156,120 (1,041,764, 3,562,030))	27,358,081 (3,028,366 (1,642,582, 4,727,415))	26,893,983 (2,931,078 (1,500,212, 4,598,726))	26,195,643 (2,388,521 (1,128,338, 3,958,566))	21,086,175 (1,671,895 (819,336, 2,864,300))	18,613,217 (1,488,560 (807,856, 2,541,784))	0.0 (0.0, 0.0)	1.1 (0.6, 2.7)	4.0 (2.0, 6.7)	5.4 (2.9, 8.4)	6.7 (3.4, 10.5)	7.4 (3.5, 12.3)	5.9 (2.9, 10.1)	3.9 (2.1, 6.7)
Tuberculosis	0 (0, 0)	184,793 (70,457, 454,999)	1,685,369 (578,855, 3,012,240)	2,103,675 (719,823, 3,679,726)	2,107,993 (688,521, 3,709,450)	1,825,875 (580,837, 3,337,356)	1,220,151 (379,153, 2,362,273)	786,021 (242,059, 1,612,259)	0.0 (0.0, 0.0)	8.5 (3.2, 20.9)	22.0 (7.5, 39.3)	24.6 (8.4, 43.1)	25.4 (8.3, 44.8)	22.1 (7.0, 40.4)	18.0 (5.6, 34.8)	13.0 (4.0, 26.6)
HIV AIDS	0 (0, 0)	20,889 (14,799, 111,080)	249,365 (172,862, 405,506)	640,110 (436,392, 1,037,490)	521,137 (357,338, 824,751)	180,715 (123,714, 291,328)	42,206 (28,229, 70,761)	6,988 (4,547, 14,567)	0.0 (0.0, 0.0)	1.0 (0.7, 5.1)	3.0 (2.1, 4.9)	3.5 (2.4, 5.6)	3.8 (2.6, 6.0)	3.5 (2.4, 5.6)	3.1 (2.1, 5.2)	2.2 (1.4, 4.6)
Lower respiratory infections	0 (0, 0)	38,139 (19,510, 116,683)	221,386 (112,364, 377,854)	284,581 (172,909, 439,668)	301,948 (175,622, 477,040)	381,932 (217,398, 606,834)	409,538 (203,206, 699,748)	695,551 (317,409, 1,241,566)	0.0 (0.0, 0.0)	2.2 (1.1, 6.6)	6.2 (3.1, 10.6)	8.4 (5.1, 13.0)	8.5 (4.9, 13.4)	7.4 (4.2, 11.7)	5.3 (2.6, 9.0)	4.0 (1.8, 7.1)
Noncommunicable diseases	63,300 (63,300, 63,300)	1,114,896 (1,048,381, 1,274,212)	6,574,491 (6,191,098, 6,975,203)	9,755,116 (8,997,457, 10,500,276)	12,080,770 (10,930,352, 13,201,846)	14,052,650 (12,590,947, 15,704,772)	11,910,985 (10,115,601, 14,231,329)	9,828,183 (6,971,988, 13,575,565)	0.0 (0.0, 0.0)	2.6 (2.4, 3.0)	6.0 (5.6, 6.3)	7.2 (6.6, 7.7)	6.6 (5.9, 7.2)	5.6 (5.0, 6.3)	4.0 (3.4, 4.8)	2.4 (1.7, 3.3)
Malignant neoplasms	0 (0, 0)	0 (0, 0)	84,238 (68,797, 116,992)	709,133 (587,159, 860,332)	1,842,143 (1,543,022, 2,202,273)	3,375,190 (2,890,037, 3,927,485)	3,387,315 (2,922,431, 3,921,667)	2,639,463 (2,273,817, 3,128,848)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	1.1 (0.9, 1.5)	4.6 (3.8, 5.6)	5.7 (4.8, 6.8)	6.3 (5.4, 7.3)	5.5 (4.8, 6.4)	4.2 (3.6, 5.0)
Lip and oral cavity cancer	0 (0, 0)	0 (0, 0)	14,731 (9,612, 22,142)	145,434 (104,043, 177,783)	318,218 (246,648, 374,885)	521,535 (428,351, 596,614)	430,734 (360,100, 495,387)	227,635 (193,493, 264,436)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	7.7 (5.0, 11.5)	30.0 (21.5, 36.7)	32.2 (24.9, 37.9)	35.4 (29.0, 40.5)	33.8 (28.2, 38.8)	28.7 (24.4, 33.3)
Other pharynx cancers	0 (0, 0)	0 (0, 0)	4,118 (2,777, 6,088)	55,100 (40,335, 67,090)	200,235 (156,589, 234,826)	416,487 (347,013, 472,210)	353,502 (296,090, 402,596)	166,405 (138,542, 193,898)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	7.1 (4.8, 10.5)	28.4 (20.8, 34.6)	34.6 (27.0, 40.5)	39.9 (33.2, 45.2)	38.2 (32.0, 43.5)	30.9 (25.7, 35.9)
Oesophagus cancer	0 (0, 0)	0 (0, 0)	3,446 (2,537, 4,951)	40,337 (33,239, 48,358)	210,090 (178,270, 243,774)	615,910 (516,517, 707,668)	761,287 (623,282, 891,483)	539,339 (431,193, 654,223)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.4 (2.5, 4.8)	12.8 (10.5, 15.3)	18.5 (15.7, 21.5)	22.4 (18.7, 25.7)	21.7 (17.7, 25.4)	17.8 (14.2, 21.6)
Colon and rectum cancers	0 (0, 0)	0 (0, 0)	16,242 (13,626, 20,663)	100,802 (82,279, 124,392)	229,984 (187,635, 280,598)	478,653 (392,836, 576,005)	638,901 (522,264, 765,555)	758,401 (622,720, 921,918)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	3.8 (3.2, 4.8)	9.6 (7.8, 11.8)	10.8 (8.8, 13.2)	12.4 (10.2, 14.9)	12.8 (10.5, 15.3)	11.7 (9.6, 14.2)
Liver cancer	0 (0, 0)	0 (0, 0)	32,957 (20,002, 56,430)	181,890 (103,328, 271,083)	487,882 (271,740, 740,400)	754,306 (429,460, 1,128,539)	733,244 (435,591, 1,091,627)	635,052 (383,092, 947,245)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	5.5 (3.3, 9.3)	11.5 (6.5, 17.1)	11.8 (6.6, 17.9)	12.4 (7.1, 18.6)	12.6 (7.5, 18.7)	12.4 (7.5, 18.5)
Breast cancer	0 (0, 0)	0 (0, 0)	11,852 (9,195, 18,629)	173,515 (135,171, 231,633)	328,710 (263,191, 422,640)	407,591 (223,058, 516,951)	272,552 (157,973, 344,259)	192,258 (120,373, 242,040)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	2.4 (1.9, 3.8)	7.1 (5.5, 9.5)	7.5 (6.0, 9.6)	8.2 (6.7, 10.4)	7.4 (6.1, 9.4)	6.7 (5.5, 8.4)
Larynx cancer	0 (0, 0)	0 (0, 0)	893 (631, 1,353)	8,977 (50,531, 15,405)	67,024 (50,531, 84,301)	180,708 (140,102, 222,432)	197,093 (151,884, 244,253)	120,373 (90,387, 151,852)	0.0 (0.0, 0.0)	0.0 (0.0, 0.0)	4.1 (2.9, 6.2)	17.9 (13.3, 22.9)	21.7 (16.4, 27.3)	24.6 (19.0, 30.2)	24.1 (18.5, 29.8)	20.8 (15.6, 26.2)
Diabetes mellitus	0 (0, 0)	-6,862 (-11,927, 7,081)	-73,888 (-110,901, -21,443)	-131,684 (-202,287, -28,926)	-271,503 (-421,636, -60,527)	-373,203 (-600,449, -59,935)	-406,847 (-669,390, -45,262)	-401,508 (-687,120, -28,381)	0.0 (0.0, 0.0)	-1.3 (-2.2, 1.3)	-3.1 (-4.7, 0.9)	-3.0 (-4.6, 0.7)	-3.1 (-4.8, 0.7)	-2.6 (-4.2, 0.4)	-2.4 (-4.0, 0.3)	-2.2 (-3.8, 0.2)

Cause of disease or injury	Alcohol-attributable DALYs lost								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Alcohol use disorders	63,300 (63,300, 63,300)	679,595 (679,595, 679,595)	4,077,212 (4,077,212, 4,077,212)	4,517,639 (4,517,639, 4,517,639)	3,892,519 (3,892,519, 3,892,519)	3,045,460 (3,045,460, 3,045,460)	1,573,564 (1,573,564, 1,573,564)	605,591 (605,591, 605,591)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)	100.0 (100.0, 100.0)
Epilepsy	0 (0, 0)	92,428 (73,752, 142,400)	392,593 (311,788, 484,542)	309,013 (246,966, 378,590)	245,389 (196,006, 297,993)	177,295 (142,127, 215,564)	121,047 (97,000, 148,129)	95,490 (77,385, 117,201)	0.0 (0.0, 0.0)	5.8 (4.7, 9.0)	14.4 (11.4, 17.7)	16.0 (12.8, 19.6)	17.1 (13.6, 20.7)	15.6 (12.5, 19.0)	13.9 (11.1, 17.0)	11.4 (9.3, 14.0)
Cardiovascular diseases	0 (0, 0)	51,684 (39,284, 103,866)	292,494 (167,683, 489,227)	750,511 (470,614, 1,091,239)	1,419,517 (843,801, 1,999,703)	2,446,900 (1,464,270, 3,481,331)	3,033,540 (1,514,236, 4,817,186)	4,619,540 (1,928,010, 8,055,246)	0.0 (0.0, 0.0)	1.6 (1.2, 3.2)	2.8 (1.6, 4.7)	3.9 (2.4, 5.6)	3.8 (2.2, 5.3)	3.6 (2.1, 5.1)	2.9 (1.5, 4.7)	2.8 (1.2, 4.9)
Hypertensive heart disease	0 (0, 0)	2,989 (2,162, 5,578)	30,353 (23,211, 39,205)	75,260 (58,949, 96,463)	161,688 (127,473, 207,488)	280,881 (221,771, 360,751)	384,288 (297,502, 500,310)	584,667 (446,294, 786,036)	0.0 (0.0, 0.0)	3.1 (2.2, 5.8)	9.1 (7.0, 11.8)	10.0 (7.9, 12.9)	10.2 (8.1, 13.1)	9.3 (7.4, 12.0)	8.3 (6.4, 10.8)	6.8 (5.2, 9.1)
Ischaemic heart disease	0 (0, 0)	6,760 (-3,098, 25,687)	10,970 (-100,787, 153,266)	71,001 (-189,501, 318,356)	146,625 (-374,166, 529,021)	474,961 (-441,163, 1,191,879)	918,188 (-500,443, 2,211,934)	2,520,027 (-211,940, 5,125,196)	0.0 (0.0, 0.0)	0.8 (-0.4, 3.2)	0.3 (-2.7, 4.1)	0.8 (-2.0, 3.4)	0.7 (-1.9, 2.7)	1.3 (-1.2, 3.3)	1.8 (-1.0, 4.3)	3.1 (-0.3, 6.2)
Ischaemic stroke	0 (0, 0)	-1,939 (-2,430, 12,189)	-11,939 (-17,399, 50,813)	-23,817 (-35,620, 38,849)	-83,050 (-126,943, 12,334)	-194,799 (-327,815, 26,588)	-399,614 (-722,893, 190,996)	-714,533 (-1,505,875, 780,763)	0.0 (0.0, 0.0)	-1.1 (-1.4, 7.2)	-2.0 (-3.0, 8.7)	-2.3 (-3.5, 3.8)	-3.1 (-4.8, 0.5)	-2.8 (-4.7, 0.4)	-2.3 (-4.2, 1.1)	-2.2 (-4.5, 2.4)
Haemorrhagic stroke	0 (0, 0)	37,000 (26,255, 61,833)	211,836 (155,815, 286,930)	454,527 (342,254, 613,104)	1,015,006 (755,801, 1,367,482)	1,664,673 (1,238,764, 2,228,628)	1,996,250 (1,448,641, 2,767,658)	2,136,615 (1,560,950, 2,992,448)	0.0 (0.0, 0.0)	5.8 (4.1, 9.6)	10.5 (7.7, 14.2)	11.3 (8.5, 15.3)	11.9 (8.8, 16.0)	10.8 (8.1, 14.5)	9.9 (7.1, 13.7)	9.0 (6.6, 12.6)
Cardiomyopathy, myocarditis, endocarditis	0 (0, 0)	6,875 (5,641, 26,918)	51,274 (49,256, 80,849)	173,540 (172,182, 190,710)	179,248 (177,960, 192,923)	221,184 (219,599, 240,363)	134,428 (132,595, 155,116)	92,764 (91,303, 106,549)	0.0 (0.0, 0.0)	1.8 (1.5, 7.2)	4.7 (4.5, 7.4)	11.9 (11.8, 13.1)	11.3 (11.2, 12.1)	11.9 (11.9, 13.0)	7.5 (7.4, 8.7)	3.8 (3.7, 4.3)
Digestive diseases	0 (0, 0)	298,052 (240,953, 386,506)	1,801,842 (1,488,195, 2,061,371)	3,600,506 (3,027,479, 4,041,152)	4,952,705 (4,251,217, 5,532,749)	5,381,007 (4,702,305, 5,983,523)	4,202,365 (3,654,117, 4,751,294)	2,269,607 (1,954,330, 2,660,148)	0.0 (0.0, 0.0)	12.4 (10.0, 16.0)	26.6 (22.0, 30.4)	34.7 (29.2, 39.0)	36.1 (31.0, 40.4)	33.2 (29.0, 36.9)	26.6 (23.1, 30.0)	14.6 (12.6, 17.1)
Cirrhosis of the liver	0 (0, 0)	290,111 (232,663, 378,993)	1,691,028 (1,386,767, 1,937,664)	3,380,806 (2,812,724, 3,805,999)	4,713,440 (4,027,135, 5,265,811)	5,185,899 (4,516,315, 5,779,750)	4,058,362 (3,519,385, 4,594,114)	2,156,849 (1,842,220, 2,534,981)	0.0 (0.0, 0.0)	28.9 (23.1, 37.7)	49.5 (40.6, 56.7)	53.9 (44.8, 60.7)	55.3 (47.3, 61.8)	52.5 (45.7, 58.5)	48.3 (41.9, 54.6)	39.5 (33.7, 46.4)
Pancreatitis	0 (0, 0)	7,941 (5,277, 13,260)	110,814 (76,011, 154,625)	219,700 (161,073, 287,633)	239,264 (172,474, 317,284)	195,109 (145,157, 259,280)	144,004 (105,491, 197,818)	112,758 (79,154, 162,905)	0.0 (0.0, 0.0)	11.1 (7.4, 18.5)	27.2 (18.6, 37.9)	32.1 (23.6, 42.1)	31.5 (22.7, 41.8)	28.2 (21.0, 37.4)	23.5 (17.2, 32.3)	18.8 (13.2, 27.1)
Injuries	2,962,160 (2,169,450, 4,874,306)	3,156,648 (2,459,336, 4,458,568)	13,167,738 (10,125,683, 17,003,119)	10,702,677 (8,472,033, 13,561,424)	8,484,415 (6,820,936, 10,705,939)	6,529,457 (5,295,709, 8,230,714)	4,249,513 (3,450,497, 5,431,095)	2,877,018 (2,309,468, 3,796,437)	4.9 (3.6, 8.1)	12.7 (9.9, 17.9)	21.8 (16.7, 28.1)	23.7 (18.8, 30.0)	24.8 (19.9, 31.3)	22.8 (18.5, 28.7)	19.0 (15.4, 24.3)	13.2 (10.6, 17.5)
Unintentional injuries	2,962,160 (2,169,450, 4,874,306)	2,361,307 (1,851,559, 3,434,686)	9,044,697 (7,027,113, 12,020,861)	7,445,716 (5,872,744, 9,690,826)	6,457,902 (5,120,428, 8,422,850)	5,220,993 (4,118,384, 6,741,559)	3,596,250 (2,844,773, 4,720,588)	2,568,403 (2,015,558, 3,449,989)	5.6 (4.1, 9.1)	15.6 (12.3, 22.7)	25.6 (19.9, 34.0)	26.5 (20.9, 34.5)	26.8 (21.2, 35.0)	24.0 (18.9, 31.0)	19.7 (15.6, 25.8)	13.4 (10.5, 18.0)

Cause of disease or injury	Alcohol-attributable DALYs lost								Population Attributable Fraction							
	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70	0 to 14	15 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	≥70
Road injury	2,962,160 (2,169,450)	1,586,210 (1,118,098)	5,579,073 (3,971,083)	4,030,342 (2,887,290)	3,256,654 (2,332,968)	2,409,537 (1,741,305)	1,537,459 (1,117,165)	879,758 (644,326)	23.1 (16.9)	20.3 (14.3)	29.1 (20.7)	30.0 (21.5)	30.2 (21.6)	28.0 (20.2)	25.8 (18.8)	22.4 (16.4)
	4,874,306	2,487,277	8,100,674	5,795,446	4,679,086	3,511,358	2,272,279	1,331,790	38.0	31.8	42.2	43.1	43.4	40.8	38.2	33.9
Poisonings		33,394	181,963	141,495	121,685	82,108	54,650	26,028	0.0	10.2	20.7	22.9	21.9	19.5	14.6	9.8
	0 (0, 0)	(21,251, 54,353)	(116,149, 254,127)	(94,007, 193,706)	(80,535, 167,209)	(55,690, 111,211)	(36,744, 75,803)	(17,014, 38,158)	(0.0, 0.0)	(6.5, 16.6)	(13.2, 28.9)	(15.2, 31.4)	(14.5, 30.1)	(13.2, 26.4)	(9.8, 20.2)	(6.4, 14.4)
Falls		143,834	766,357	951,913	1,090,702	1,132,104	955,789	979,163	0.0	11.9	23.0	24.6	25.2	21.8	16.4	10.7
	0 (0, 0)	(92,279, 217,295)	(489,118, 1,048,346)	(628,095, 1,284,331)	(721,716, 1,476,318)	(764,833, 1,524,864)	(656,641, 1,303,255)	(676,874, 1,384,573)	(0.0, 0.0)	(7.6, 18.0)	(14.7, 31.4)	(16.2, 33.2)	(16.7, 34.2)	(14.7, 29.4)	(11.3, 22.4)	(7.4, 15.2)
Fire, heat and hot substances		54,613	258,597	266,664	214,787	180,946	117,309	73,836	0.0	7.6	15.8	18.4	21.2	20.0	16.7	11.6
	0 (0, 0)	(36,441, 85,632)	(174,512, 358,115)	(188,264, 356,501)	(156,025, 281,126)	(133,322, 234,861)	(85,865, 154,621)	(53,534, 101,210)	(0.0, 0.0)	(5.0, 11.8)	(10.7, 21.9)	(13.0, 24.6)	(15.4, 27.7)	(14.7, 25.9)	(12.2, 22.0)	(8.4, 15.9)
Drowning		203,101	580,148	420,355	291,059	198,266	125,659	70,612	0.0	11.6	23.3	25.9	26.0	22.4	17.6	11.6
	0 (0, 0)	(116,531, 332,181)	(347,793, 819,587)	(276,776, 571,129)	(192,681, 394,330)	(131,398, 268,872)	(82,094, 175,477)	(45,025, 104,078)	(0.0, 0.0)	(6.7, 19.0)	(14.0, 33.0)	(17.0, 35.2)	(17.2, 35.2)	(14.8, 30.4)	(11.5, 24.6)	(7.4, 17.1)
Exposure to mechanical forces		80,827	435,686	430,017	400,590	322,151	201,627	110,235	0.0	11.5	23.4	25.1	26.0	23.6	19.8	13.9
	0 (0, 0)	(47,202, 130,742)	(259,485, 615,796)	(269,802, 591,842)	(254,970, 548,324)	(206,297, 444,436)	(130,404, 280,721)	(73,716, 157,445)	(0.0, 0.0)	(6.7, 18.6)	(13.9, 33.1)	(15.8, 34.6)	(16.6, 35.6)	(15.1, 32.6)	(12.8, 27.5)	(9.3, 19.8)
Other unintentional injuries		259,328	1,242,873	1,204,931	1,082,425	895,882	603,755	428,771	0.0	10.2	21.0	22.5	23.0	20.7	16.5	11.3
	0 (0, 0)	(158,224, 413,847)	(758,223, 1,754,153)	(776,684, 1,651,627)	(717,630, 1,479,803)	(608,488, 1,208,892)	(412,280, 829,317)	(286,543, 615,570)	(0.0, 0.0)	(6.2, 16.2)	(12.8, 29.6)	(14.5, 30.9)	(15.3, 31.5)	(14.0, 27.9)	(11.3, 22.7)	(7.5, 16.2)
Intentional injuries		795,341	4,123,041	3,256,961	2,026,513	1,308,464	653,263	308,614	0.0	8.2	16.4	19.1	20.0	19.0	16.0	12.0
	0 (0, 0)	(318,446, 1,446,528)	(1,673,550, 6,469,147)	(1,524,116, 4,882,996)	(969,300, 3,011,524)	(676,049, 1,931,367)	(344,469, 983,676)	(168,631, 480,287)	(0.0, 0.0)	(3.3, 14.8)	(6.7, 25.8)	(8.9, 28.7)	(9.6, 29.7)	(9.8, 28.0)	(8.4, 24.1)	(6.5, 18.7)
Self-harm		336,749	1,981,393	1,799,575	1,258,661	909,458	486,055	247,048	0.0	8.5	18.4	23.0	23.7	21.9	17.5	12.8
	0 (0, 0)	(165,197, 578,392)	(947,146, 2,998,888)	(952,161, 2,621,975)	(645,863, 1,839,977)	(484,000, 1,329,379)	(251,548, 734,894)	(129,306, 388,402)	(0.0, 0.0)	(4.2, 14.6)	(8.8, 27.8)	(12.2, 33.5)	(12.2, 34.6)	(11.6, 31.9)	(9.1, 26.5)	(6.7, 20.1)
Interpersonal violence		458,592	2,141,648	1,457,386	767,852	399,006	167,208	61,566	0.0	10.9	20.5	22.1	21.8	20.2	17.3	12.0
	0 (0, 0)	(144,341, 873,710)	(694,773, 3,498,471)	(580,464, 2,277,244)	(327,991, 1,182,426)	(198,834, 604,737)	(91,724, 249,518)	(38,620, 91,584)	(0.0, 0.0)	(3.4, 20.9)	(6.6, 33.5)	(8.8, 34.5)	(9.3, 33.6)	(10.0, 30.6)	(9.5, 25.9)	(7.5, 17.9)

Table A17. Global alcohol-attributable premature disability adjusted life years (DALYs) lost by cause and sex in 2016 and 95% uncertainty intervals

Cause of disease or injury	Men		Women		Total	
	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)	Alcohol-attributable burden	PAF (%)
All Causes	90,879,176 (76,378,685, 108,428,540)	7.8 (6.5, 9.3)	26,345,442 (23,075,646, 34,874,848)	2.7 (2.4, 3.6)	117,224,618 (102,052,811, 138,931,652)	5.5 (4.8, 6.5)
Communicable, maternal, perinatal and nutritional conditions	9,908,163 (3,936,122, 16,533,780)	2.7 (1.1, 4.6)	2,511,639 (1,118,853, 6,088,395)	0.7 (0.3, 1.8)	12,419,802 (6,266,466, 20,328,764)	1.8 (0.9, 2.9)
Tuberculosis	7,439,957 (1,552,128, 13,682,543)	25.4 (5.3, 46.6)	1,687,899 (278,291, 4,548,138)	10.4 (1.7, 28.0)	9,127,856 (3,017,647, 16,556,043)	20.0 (6.6, 36.3)
HIV/AIDS	1,216,859 (719,517, 1,884,240)	3.6 (2.1, 5.6)	437,562 (258,615, 1,283,690)	1.7 (1.0, 5.0)	1,654,421 (1,133,333, 2,740,916)	2.8 (1.9, 4.6)
Lower respiratory infections	1,251,347 (498,721, 2,165,302)	2.1 (0.8, 3.7)	386,178 (186,302, 828,077)	0.7 (0.4, 1.6)	1,637,524 (901,009, 2,717,827)	1.5 (0.8, 2.4)
Noncommunicable diseases	41,375,937 (36,406,981, 45,512,375)	6.7 (5.9, 7.4)	14,176,272 (12,131,712, 18,135,966)	2.6 (2.3, 3.4)	55,552,208 (49,937,137, 61,950,937)	4.8 (4.3, 5.4)
Malignant neoplasms	6,993,259 (5,745,973, 8,288,043)	7.0 (5.7, 8.3)	2,404,760 (2,046,840, 3,019,572)	3.0 (2.5, 3.7)	9,398,019 (8,011,446, 11,028,749)	5.2 (4.4, 6.1)
Lip and oral cavity cancer	1,217,050 (967,441, 1,411,386)	38.1 (30.3, 44.1)	213,603 (154,922, 287,805)	16.3 (11.8, 22.0)	1,430,652 (1,148,754, 1,666,810)	31.7 (25.5, 37.0)
Other pharynx cancers	941,259 (765,106, 1,079,478)	40.8 (33.2, 46.8)	88,183 (65,105, 119,434)	16.6 (12.3, 22.5)	1,029,442 (842,803, 1,182,810)	36.3 (29.7, 41.7)
Oesophagus cancer	1,461,300 (1,201,954, 1,691,963)	24.7 (20.3, 28.6)	169,771 (127,064, 234,697)	8.8 (6.6, 12.1)	1,631,071 (1,353,846, 1,896,234)	20.8 (17.2, 24.2)
Colon and rectum cancers	1,198,119 (950,668, 1,449,184)	16.4 (13.0, 19.8)	266,463 (158,332, 410,296)	5.0 (3.0, 7.7)	1,464,582 (1,198,640, 1,767,212)	11.6 (9.5, 14.0)
Liver cancer	1,740,924 (838,042, 2,734,721)	12.4 (5.9, 19.4)	449,356 (234,378, 757,186)	10.1 (5.2, 16.9)	2,190,279 (1,260,119, 3,288,079)	11.8 (6.8, 17.7)
Breast cancer	0 (0, 0)	0.0 (0.0, 0.0)	1,194,219 (963,536, 1,534,095)	7.5 (6.0, 9.6)	1,194,219 (963,537, 1,534,112)	7.4 (6.0, 9.5)
Larynx cancer	434,608 (329,636, 542,094)	24.9 (18.9, 31.0)	23,165 (15,666, 34,632)	10.2 (6.9, 15.2)	457,773 (352,125, 567,744)	23.2 (17.8, 28.7)
Diabetes mellitus	461,038 (55,275, 1,063,911)	1.9 (0.2, 4.3)	-1,725,025 (-2,389,315, -916,666)	-7.5 (-10.5, -4.0)	-1,263,988 (-2,016,589, -209,011)	-2.7 (-4.2, -0.4)
Alcohol use disorders	13,197,017 (13,197,017, 13,197,017)	100.0 (100.0, 100.0)	4,652,271 (4,652,271, 4,652,271)	100.0 (100.0, 100.0)	17,849,288 (17,849,288, 17,849,288)	100.0 (100.0, 100.0)
Epilepsy	993,768 (740,562, 1,255,344)	13.0 (9.7, 16.4)	343,997 (263,170, 488,579)	5.5 (4.2, 7.9)	1,337,765 (1,067,640, 1,667,219)	9.7 (7.7, 12.0)
Cardiovascular diseases	4,702,283 (1,679,256, 7,113,844)	3.1 (1.1, 4.7)	3,292,363 (1,503,273, 6,530,505)	3.4 (1.5, 6.7)	7,994,646 (4,499,888, 11,982,552)	3.2 (1.8, 4.8)
Hypertensive heart disease	763,227 (576,060, 932,902)	14.4 (10.9, 17.6)	172,231 (81,555, 377,337)	3.3 (1.6, 7.3)	935,458 (731,067, 1,209,795)	8.9 (7.0, 11.6)
Ischaemic heart disease	279,689 (-2,552,552, 2,095,792)	0.3 (-3.2, 2.6)	1,348,816 (-437,955, 3,590,607)	3.3 (-1.1, 8.7)	1,628,505 (-1,609,157, 4,430,143)	1.3 (-1.3, 3.6)
Ischaemic stroke	-185,588 (-543,668, 326,141)	-1.2 (-3.4, 2.1)	-529,570 (-921,027, 231,946)	-4.1 (-7.2, 1.8)	-715,158 (-1,233,100, 331,769)	-2.5 (-4.3, 1.2)
Haemorrhagic stroke	3,190,101 (2,114,332, 4,360,210)	10.7 (7.1, 14.6)	2,189,192 (1,304,271, 3,660,542)	9.7 (5.8, 16.2)	5,379,292 (3,967,530, 7,325,634)	10.3 (7.6, 14.0)
Cardiomyopathy, myocarditis, endocarditis	654,855 (645,483, 775,017)	11.0 (10.8, 13.0)	111,694 (111,676, 112,299)	3.3 (3.3, 3.3)	766,549 (757,234, 886,879)	8.2 (8.1, 9.5)
Digestive diseases	15,028,572 (12,339,370, 17,192,419)	32.5 (26.6, 37.1)	5,207,906 (4,451,236, 6,060,981)	19.3 (16.5, 22.4)	20,236,477 (17,364,266, 22,756,595)	27.6 (23.7, 31.0)
Cirrhosis of the liver	14,228,062 (11,612,940, 16,361,339)	50.8 (41.5, 58.5)	5,091,583 (4,339,647, 5,887,297)	43.0 (36.7, 49.7)	19,319,645 (16,494,988, 21,762,330)	48.5 (41.4, 54.6)
Pancreatitis	800,509 (544,677, 1,048,757)	35.3 (24.0, 46.3)	116,323 (41,752, 280,670)	11.4 (4.1, 27.5)	916,832 (665,484, 1,229,901)	27.9 (20.3, 37.4)
Injuries	39,595,076 (29,715,265, 52,696,142)	21.1 (15.8, 28.1)	9,657,532 (7,710,848, 13,435,618)	11.0 (8.8, 15.3)	49,252,608 (38,793,643, 64,265,164)	17.9 (14.1, 23.3)
Unintentional injuries	29,322,224 (21,730,237, 40,112,045)	22.2 (16.5, 30.4)	7,766,802 (6,267,656, 10,982,985)	12.1 (9.8, 17.1)	37,089,026 (29,004,452, 49,905,675)	18.9 (14.8, 25.5)
Road injury	16,725,842 (11,466,395, 24,986,965)	28.7 (19.7, 42.9)	4,635,593 (3,624,381, 6,898,925)	22.7 (17.8, 33.9)	21,361,435 (15,337,359, 31,720,427)	27.2 (19.5, 40.4)
Poisonings	465,261 (262,833, 682,197)	13.4 (7.6, 19.7)	150,034 (82,932, 247,445)	5.9 (3.3, 9.8)	615,296 (404,376, 856,410)	10.2 (6.7, 14.3)
Falls	3,929,816 (2,291,401, 5,648,237)	21.6 (12.6, 31.0)	1,110,883 (712,384, 1,661,618)	10.3 (6.6, 15.4)	5,040,699 (3,352,682, 6,854,409)	17.4 (11.5, 23.6)
Fire, heat and hot substances	737,201 (453,143, 1,040,360)	16.0 (9.8, 22.5)	355,716 (212,439, 566,879)	6.6 (4.0, 10.6)	1,092,916 (774,430, 1,470,856)	11.0 (7.8, 14.7)
Drowning	1,570,702 (909,436, 2,292,029)	11.9 (6.9, 17.3)	247,886 (140,758, 404,429)	3.9 (2.2, 6.4)	1,818,588 (1,147,273, 2,561,574)	9.3 (5.9, 13.1)
Exposure to mechanical forces	1,597,466 (904,099, 2,317,101)	18.5 (10.5, 26.8)	273,431 (165,597, 423,741)	7.2 (4.4, 11.2)	1,870,898 (1,168,161, 2,611,861)	15.1 (9.4, 21.0)
Other unintentional injuries	4,295,935 (2,472,890, 6,252,401)	17.1 (9.8, 24.8)	993,259 (611,036, 1,558,470)	6.7 (4.1, 10.5)	5,289,194 (3,431,528, 7,337,638)	13.2 (8.6, 18.3)
Intentional injuries	10,272,852 (3,523,988, 16,591,660)	18.4 (6.3, 29.6)	1,890,730 (798,601, 3,339,406)	8.0 (3.4, 14.1)	12,163,582 (5,505,931, 18,725,238)	15.3 (6.9, 23.5)
Self-harm	5,495,741 (2,187,462, 8,563,523)	24.3 (9.7, 37.9)	1,276,150 (497,970, 2,289,160)	9.8 (3.8, 17.6)	6,771,890 (3,445,915, 10,103,506)	19.0 (9.7, 28.4)
Interpersonal violence	4,777,111 (1,316,040, 8,030,143)	19.9 (5.5, 33.4)	614,581 (292,908, 1,055,718)	9.2 (4.4, 15.7)	5,391,692 (2,038,128, 8,686,106)	17.5 (6.6, 28.3)

PAF: Population Attributable Fraction

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