Additional file 5: Reference list of the included disease burden studies (N=113)

Author(s)	Year	Title	Country(s) / Region	Study type (Independent or GBD- linked study)
Adam et al [1]	2012	Integrating a quantitative risk appraisal in a health impact assessment: analysis of the novel smoke-free policy in Hungary	Hungary	Independent BoD study
Agardh et al [2]	2011	Burden of type 2 diabetes attributed to lower educational levels in Sweden	Sweden	Independent BoD study
Agardh et al [3]	2016	Alcohol-attributed disease burden in four Nordic countries: a comparison using the Global Burden of Disease, Injuries and Risk Factors 2013 study	Denmark, Finland, Norway, Sweden	GBD-linked study
Agardh et al [4]	2008	[The contribution of risk factors to the burden of disease in Sweden. A comparison between Swedish and WHO data]	Sweden	GBD-linked study
Agardh et al [4]	2018	Hälsoutvecklingen i Stockholm bättre än i övriga landet - Jämförelse av hälsoläget utifrån globala sjukdomsbördeprojektet.	Sweden	GBD-linked study
Allender and Rayner [5]	2007	The burden of overweight and obesity-related ill health in the UK	UK	GBD-linked study
Allender et al [6]	2009	The burden of smoking-related ill health in the UK	UK	GBD-linked study
Allender et al [7]	2007	The burden of physical activity-related ill health in the UK	UK	GBD-linked study
Babatola [8]	2018	Global burden of diseases attributable to air pollution	Global	GBD-linked study
Balakrishnan et al [9]	2009	The burden of alcohol-related ill health in the United Kingdom	UK	GBD-linked study
Begou et al [10]	2020	Effects of road traffic noise on the prevalence of cardiovascular diseases: The case of Thessaloniki, Greece	Greece	Independent BoD study
Bello et al [11]	2003	Trends in mortality and years of life lost related to alcohol in the Canary Islands, Spain [1980-1998]	Spain	Independent BoD study
Bennet et al [12]	2014	The global burden of ischemic stroke: Findings of the GBD 2010 study	Global	GBD-linked study
Borges et al [13]	2009	The burden of disease attributable to smoking in Portugal	Portugal	Independent BoD study
Bowe et al [14]	2019	Estimates of the 2016 global burden of kidney disease attributable to ambient fine particulate matter air pollution	Global	GBD-linked study
Butt et al [15]	2017	Global and regional trends in particulate air pollution and attributable health burden over the past 50 years	Global	GBD-linked study
Carreras et al [16]	2020	Burden of disease from breast cancer attributable to smoking and second- hand smoke exposure in Europe	EU-28	GBD-linked study
Cohen et al [17]	2017	Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015	Global	GBD-linked study
Collaborators, G. B. D. Risk Factor [18]	2017	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016; a systematic analysis for the Global Burden of Disease Study 2016	Global	GBD-linked study
Collaborators, G. B. D. Risk Factors [19]	2016	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990 2015; a systematic analysis for the Global Burden	Global	GBD-linked study

Author(s)	Year	Title	Country(s) / Region	Study type (Independent or GBD- linked study)
Cortez-Pinto et al [20]	2010	of Disease Study 2015 The burden of disease and the cost of illness attributable to alcohol drinking - Results of a national study	Portugal	Independent BoD study
De Oliviera et al [21]	2019	Estimation of the burden of disease attributable to red meat consumption in France: Influence on colorectal cancer and cardiovascular diseases	France	Independent BoD study
Degenhardt et al [22]	2014	The global epidemiology and burden of psychostimulant dependence: Findings from the Global Burden of Disease Study 2010	Global	GBD-linked study
Degenhardt et al [23]	2016	Estimating the burden of disease attributable to injecting drug use as a risk factor for HIV, hepatitis C, and hepatitis B: findings from the Global Burden of Disease Study 2013	Global	GBD-linked study
Degenhardt et al [24]	2013	Global burden of disease attributable to illicit drug use and dependence: Findings from the Global Burden of Disease Study 2010	Global	GBD-linked study
Direção-Geral da Saúde [25]	2018	Portugal: The Nation's Health 1990–2016	Portugal	GBD-linked study
Driscoll et al [26]	2020	Global and regional burden of chronic respiratory disease in 2016 arising from non-infectious airborne occupational exposures: A systematic analysis for the Global Burden of Disease Study 2016	Global	GBD-linked study
Driscoll et al [27]	2005	The global burden of-disease due to occupational carcinogens	Global	Independent BoD study
Dzhambov et al. [28]	2015	Road traffic noise and annoyance: exposure-response relationship and burden of disease calculations in Bulgaria	Bulgaria	Independent BoD study
Effertz et al [29]	2013	The burden and cost of disorders of the brain in Europe with the inclusion of harmful alcohol use and nicotine addiction	Germany	Independent BoD study
Ezzati et al [30]	2002	Comparative Risk Assessment Collaborating Group: Selected major risk factors and global and regional burden of disease.	Global	GBD-linked study
Feigin et al [31]	2019	Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016	Global	GBD-linked study
Ferrari et al [32]	2013	Burden of depressive disorders by country, sex, age, and year: findings from the global burden of disease study 2010.	Global	GBD-linked study
Ferrari et al [33]	2014	The burden attributable to mental and substance use disorders as risk factors for suicide: Findings from the Global Burden of Disease Study 2010	Global	GBD-linked study
GBD 2013 Risk Factors Collaborators (Forouzanfar, M H et al) [34]	2015	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013	Global	GBD-linked study
GBD 2016 Alcohol and Drug Use Collaborators [35]	2018	The global burden of disease attributable to alcohol and drug use in 195 countries and territories, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016	Global	GBD-linked study
GBD 2016 Occupational	2020	Global and regional burden of cancer in 2016 arising from occupational exposure to selected carcinogens: a systematic analysis for the Global	Global	GBD-linked study

Author(s)	Year	Title	Country(s) / Region	Study type (Independent or GBD- linked study)
Carcinogens Collaborators [36]		Burden of Disease Study 2016		
GBD 2017 collaborators[37]	2018	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017	Global	GBD-linked study
Gouveia et al [38]	2004	Burden of disease from hypercholesterolemia in Portugal Calculation of the disease burden associated with environmental chemical	Portugal	Independent BoD study
Grandjean et al [39]	2017	exposures: Application of toxicological information in health economic estimation	Global	GBD-linked study
Guillois-Becel et al [40]	2007	Quantification of years of life lost attributable to chronic air pollution exposure in a health impact assessment: The case of Nantes	France, Nantes city	Independent BoD study
Hänninen et al [41]	2014	Environmental burden of disease in Europe: assessing nine risk factors in six countries	Belgium, Finland, France, Germany, Italy, and the Netherlands	GBD-linked study
Holnicki et al [42]	2017	Burden of mortality and disease attributable to multiple air pollutants in Warsaw, Poland	Poland	Independent BoD study
Jakobsen et al [43]	2016	Burden of disease of dietary exposure to acrylamide in Denmark	Denmark	Independent BoD study
Jarosinska et al [44]	2014	Towards estimating the burden of disease attributable to second-hand smoke exposure in Polish children	Poland	Independent BoD study
Kassomenos et al [45]	2013	Human health damage caused by particulate matter PM10 and ozone in urban environments: the case of Athens, Greece	Greece	Independent BoD study
Keall et al [46]	2011	Injuries associated with housing conditions in Europe: a burden of disease study based on 2004 injury data	Global	Independent BoD study
Kellerborg et al [47]	2016	Disease burden attributed to alcohol: How methodological advances in the Global Burden of Disease 2013 study have changed the estimates in Sweden	Sweden	GBD-linked study
Knol et al [48]	2005	Trends in the environmental burden of disease in the Netherlands 1980 – 2020	The Netherlands	Independent BoD study
Knudsen et al [49]	2019	Life expectancy and disease burden in the Nordic countries: results from the Global Burden of Diseases, Injuries, and Risk Factors Study 2017.	Nordic countries (Denmark, Finland, Iceland, Norway, Sweden) and Greenland	GBD-linked study
Knudsen et al [50]	2016	Sykdomsbyrde i Norge 1990-2013	Norway	GBD-linked study
Knudsen et al [51]	2017	Sykdomsbyrde i Norge 2015	Norway	GBD-linked study
Lai et al [52]	2004	Haiguskoormuse tõttu kaotatud eluaastad Eestis: seosed riskifaktoritega ja riskide vähendamise kulutõhusus	Estonia	Independent BoD study
Lawes et al [53]	2006	Blood pressure and the global burden of disease 2000. Part II: estimates of attributable burden	Global	GBD-linked study

Author(s)	Year	Title	Country(s) / Region	Study type (Independent or GBD- linked study)
Lehtomäki et al [54]	2018	Health impacts of ambient air pollution in Finland	Finland	Independent BoD study
Lelieveld et al [55]	2019	Cardiovascular disease burden from ambient air pollution in Europe reassessed using novel hazard ratio functions	Europe	Independent BoD study
Li et al [56]	2020	Trends and risk factors of mortality and disability adjusted life years for chronic respiratory diseases from 1990 to 2017: systematic analysis for the Global Burden of Disease Study 2017	Global	GBD-linked study
Lim et al [57]	2012	A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990-2010: A systematic analysis for the Global Burden of Disease Study 2010	Global	GBD-linked study
Lock et al [58]	2005	The global burden of disease attributable to low consumption of fruit and vegetables: Implications for gobal strategy on diet	Global	Independent BoD study
Lopez et al [59]	2006	Global and regional burden of disease and risk factors, 2001: systematic analysis of population health data	Global	GBD-linked study
Marmet et al [60]	2014	Alcohol-attributable mortality in Switzerland in 2011 - Age-specific causes of death and impact of heavy versus non-heavy drinking	Switzerland	Independent BoD study
Martín-Ramiro et al [61]	2014	Disability attributable to excess weight in Spain	Spain	Independent BoD study
May et al [62]	2015	The impact of a healthy lifestyle on Disability-Adjusted Life Years: a prospective cohort study.	The Netherlands	Independent BoD study
Meier et al [63]	2017	Global Burden of Sugar-Related Dental Diseases in 168 Countries and Corresponding Health Care Costs	Global	GBD-linked study
Meier et al [64]	2019	Cardiovascular mortality attributable to dietary risk factors in 51 countries in the WHO European Region from 1990 to 2016: a systematic analysis of the Global Burden of Disease Study	WHO European region	GBD-linked study
Meijerink et al [65]	2017	Modelling the burden of hepatitis C infection among people who inject drugs in Norway	Norway	Independent BoD study
Miazgowski et al [66]	2018	Deaths, disability-adjusted life years and years of life lost due to elevated systolic blood pressure in Poland: Estimates for the global burden of disease study 2016	Poland	GBD-linked study
Mokdad et al [67]	2016	Global burden of diseases, injuries, and risk factors for young people's health during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013	Global	GBD-linked study
Möller et al [68]	2012	Health planning for the future: Comparative risk assessment of five major lifestyle risk factors: Evidence from the Wirral, UK	UK	Independent BoD study
Monasta et al [69]	2019	Italy's health performance, 1990-2017: findings from the Global Burden of Disease Study 2017	Italy	GBD-linked study
Murphy et al [70]	2018	Ischaemic heart disease in the former Soviet Union 1990–2015 according to the Global Burden of Disease 2015 Study	Global	GBD-linked study
Murray et al [71]	2013	UK health performance: findings of the Global Burden of Disease Study 2010	UK	GBD-linked study
Newton et al [72]	2015	Changes in health in England, with analysis by English regions and areas	England	GBD-linked study

Author(s)	Year	Title	Country(s) / Region	Study type (Independent or GBD- linked study)
		of deprivation, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013		
Oberg et al [73]	2011	Worldwide burden of disease from exposure to second-hand smoke: a retrospective analysis of data from 192 countries	Global	Independent BoD study
Öberg et al [74]	2010	Global estimate of the burden of disease from second-hand smoke	Global	Independent BoD study
Oberoi et al [75]	2019	Global burden of cancer and coronary heart disease resulting from dietary exposure to arsenic, 2015	Global	Independent BoD study
Orru et al [76]	2009	Health impact assessment of particulate pollution in Tallinn using fine spatial resolution and modeling techniques	Estonia	Independent BoD study
Orru et al	2011	Välisõhu kvaliteedi mõju inimeste tervisele – peentest osakestest tuleneva mõju hindamine kogu Eesti lõikes	Estonia	Independent BoD study
Øverland et al [77]	2018	Sykdomsbyrden i Norge 2016	Norway	GBD-linked study
Papadimitriou et al [78]	2017	Burden of hip fracture using disability-adjusted life-years: a pooled analysis of prospective cohorts in the CHANCES consortium	Europe, USA	Independent BoD study
Paunovic et al [79]	2014	Burden of myocardial infarction attributable to road-traffic noise: a pilot study in Belgrade	Belgrade, Serbia	Independent BoD study
Pomerleau et al [80]	2006	The burden of cardiovascular disease and cancer attributable to low fruit and vegetable intake in the European Union: Differences between old and new Member States	EU-15 and EU-10	Independent BoD study
Powles et al [81]	2005	The contribution of leading diseases and risk factors to excess losses of healthy life in eastern Europe: Burden of disease study	Three epidemiologically-defined subregions of the WHO region for Europe	GBD-linked study
Rayner et al [82]	2005	The burden of food related ill health in the UK	Global Europe Union	GBD-linked study GBD-linked study
Rehm et al [83]	2012	Alcohol consumption, alcohol dependence and attributable burden of disease in Europe: Potential gains from effective interventions for alcohol dependence	countries, plus Iceland, Norway, and Switzerland, plus Russia as an external comparison	
Rehm et al [84]	2007	Alcohol consumption and alcohol-attributable burden of disease in Switzerland, 2002	Switzerland	Independent BoD study
Rehm et al [85]	2019	Trends in substance use and in the attributable burden of disease and mortality in the WHO European Region, 2010-16	Europe	GBD-linked study
Rehm et al [86]	2009	Global burden of disease and injury and economic cost attributable to alcohol use and alcohol-use disorders	Global	GBD-linked study
Reitsma et al [87]	2017	Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: A systematic analysis from the global burden of disease study 2015	Global	GBD-linked study

Author(s)	Year	Title	Country(s) / Region	Study type (Independent or GBD- linked study)
Rovira et al [88]	2020	Air quality, health impacts and burden of disease due to air pollution (PM10, PM2.5, NO2 and O3): Application of AirQ+ model to the Camp de Tarragona County (Catalonia, Spain)	Catalonia, Spain	Independent BoD study
Safiri et al [89]	2019	The global, regional, and national and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017	Global	GBD-linked study
Savolahti et al [90]	2019	Residential wood combustion in Finland: PM2.5 emissions and health impacts with and without abatement measures	Finland	Independent BoD study
Schwingshackl et al [91]	2019	Intake of 12 food groups and disability-adjusted life years from coronary heart disease, stroke, type 2 diabetes, and colorectal cancer in 16 European countries	Europe	Independent BoD study
Shield et al [92]	2013	Alcohol consumption, alcohol dependence, and related mortality in Italy in 2004: effects of treatment-based interventions on alcohol dependence.	Italy	Independent BoD study
Shield et al [93]	2015	Russia-specific relative risks and their effects on the estimated alcoholattributable burden of disease	Russia	Independent BoD study
Shield et al [94]	2020	National, regional, and global burdens of disease from 2000 to 2016 attributable to alcohol use: a comparative risk assessment study	Global	GBD-linked study
Shield et al [95]	2012	Global burden of injuries attributable to alcohol consumption in 2004: a novel way of calculating the burden of injuries attributable to alcohol consumption	Global	GBD-linked study
Siddiqi et al [96]	2015	Global burden of disease due to smokeless tobacco consumption in adults: analysis of data from 113 countries.	Global	Independent BoD study
Sifaki-Pistolla et al [97]	2017	Lung cancer and tobacco smoking in Crete, Greece: reflections from a population-based cancer registry from 1992 to 2013	Crete, Greece	Independent BoD study
Šipetić et al [98]	2013	The burden of disease preventable by risk factor reduction in Serbia	Serbia without Kosovo and Metohia	Independent BoD study
Stanaway et al [99]	2018	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: A systematic analysis for the Global Burden of Disease Study 2017	Global	GBD-linked study
Steel et al [100]	2018	Changes in health in the countries of the UK and 150 English Local Authority areas 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016	UK	GBD-linked study
Tobollik et al [101]	2019	Burden of Disease Due to Traffic Noise in Germany	Germany	Independent BoD study
Tod et al [102]	2018	Hospital admissions, deaths and overall burden of disease attributable to alcohol consumption in Scotland	Scotland	Independent BoD study
Tod et al [103]	2019	What causes the burden of stroke in Scotland? A comparative risk assessment approach linking the Scottish Health Survey to administrative health data	Scotland	Independent BoD study
Troeger et al [104]	2018	Estimates of the global, regional, and national morbidity, mortality, and	Global	GBD-linked study

Author(s)	Year	Title	Country(s) / Region	Study type (Independent or GBI linked study)
		aetiologies of lower respiratory infections in 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016		
Tsilidis et al [105]	2016	Burden of Cancer in a Large Consortium of Prospective Cohorts in Europe	Denmark, Greece, The Netherlands, Spain, Sweden, Germany, Norway and UK	Independent BoD stu
Tyrovolas et al [106]	2018	The burden of disease in Greece, health loss, risk factors, and health financing, 2000-16: an analysis of the Global Burden of Disease Study 2016	Greece	GBD-linked study
Valent et al [107]	2004	Burden of disease attributable to selected environmental factors and injury among children and adolescents in Europe	51 countries WHO European region	Independent BoD stu
Van Kreijl et al [108]	2006	Our food, our health-Healthy diet and safe food in the Netherlands	The Netherlands	Independent BoD stu
Vienneau et al [109]	2015	Years of life lost and morbidity cases attributable to transportation noise and air pollution: A comparative health risk assessment for Switzerland in 2010	Switzerland	Independent BoD stu
Whiteford et al [110]	2013	Global burden of disease attributable to mental and substance use disorders: Findings from the Global Burden of Disease Study 2010	Global	GBD-linked study
WHO [111]	2008	The Global Burden of Disease: 2004 Update.	WHO region	GBD-linked study

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