

Additional file 4. Sensitivity analysis with upscaled prevalences and YLL, YLD and DALYs for COPD in Finland per 1000 population using administrative health register and self-reported survey data from the FINRISK 2012 survey ¹

	The Care Register for Health Care ²	Registers of the Social Insurance Institution ³	All registers combined	Self-reported data (HES)	All data sources combined
Males					
YLL per 1000 = 4.7					
Prevalence (upscaled) (%)	2.4	1.8	3.1	3.4	4.6
YLD per 1000	3.0	2.3	3.9	4.3	5.8
DALYs per 1000	7.7	7.0	8.6	9.0	10.5
YLD of DALYs (%)	39.0	32.6	45.2	47.8	55.3
Females					
YLL per 1000 = 2.0					
Prevalence (upscaled) (%)	1.3	2.0	2.5	2.2	3.6
YLD per 1000	1.7	2.5	3.2	2.7	4.5
DALYs per 1000	3.7	4.5	5.2	4.7	6.6
YLD of DALYs (%)	45.5	55.3	61.5	57.6	69.3

YLL, years of life lost; YLD, years lived with disability; DALYs, disability-adjusted life years; COPD, chronic obstructive pulmonary disease; HES, health examination survey

¹The prevalences were upscaled by assuming that our data only included moderate and severe cases and by adding the asymptomatic and mild cases according to the proportions given in the published severity distribution

²The Care Register for Health Care includes hospital inpatient episodes since 1969 and specialist outpatient visits since 1998

³Data on the 1) entitlement to specially reimbursed medicines and 2) purchase of prescribed COPD medicines from the Registers of the Social Insurance Institution of Finland combined