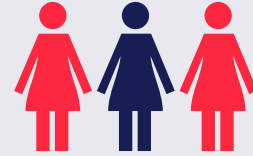


Projecting the Chronic Obstructive Pulmonary Disease (COPD) population and costs in England and Scotland (2011 to 2030)



The number of people with COPD will **increase substantially** over the coming years in **England** and **Scotland**.



This will affect **older females** in particular, **despite falling smoking rates**, due to longer life expectancy.

+ Services need to **adapt** to this increasing demand **+**



Between 2011-2030, we project that costs of COPD in England will rise

by **£800m**

(**£1.5b** in 2011
£1.8b in 2016
£2.3b in 2030)



due to a huge

40%

increase

in the number of people with COPD in England

(**950k people** in 2011
1.1m in 2016
1.3m in 2030)

to support a

20%

increase

in the number of people with COPD in Scotland

(**106k people** in 2011
117k in 2016
130k in 2030)



We project that costs of COPD in Scotland will

rise by **£48m**

(**£159m** in 2011
£182m in 2016
£207m in 2030)



Sources

McLean, S. et al. *Projecting the COPD population and costs in England and Scotland: 2011 to 2030*. *Sci. Rep.* 6, 31893; doi: 10.1038/srep31893 (2016).

This study was carried out using the *Dutch COPD Model* adapted by using an English and Scottish demographic, COPD incidence, COPD prevalence, smoking prevalence and mortality data to make projections.