

Calculation revision: QALYs lost due to mortality

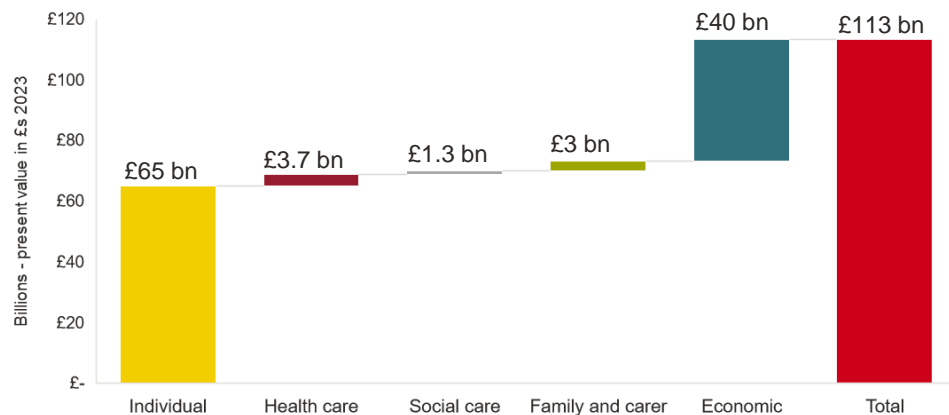
Calculation revision

Our original estimates underestimate QALYs lost due to mortality. This is due to an underestimate of the years of life lost due to cancer mortality.

	Lung	Bowel	Melanoma	Breast	All other
Original YLL	143,000	84,000	15,000	166,000	795,000
Revised YLL	358,000	214,000	39,000	214,000	2,022,000

Updated estimates

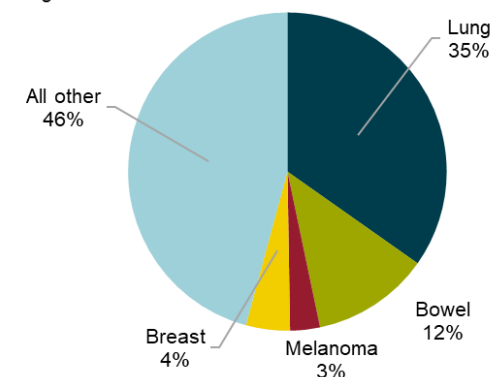
We have updated our key estimates to reflect this. All figures on this slide are the updated revised estimates unless stated otherwise. We estimate it will cost £113 billion to UK society (originally £78 billion) for the 184,000 new preventable cancer diagnosed cases in 2023, corresponding to 5.07% of GDP (originally 3.50%).



The revision impacts the costs incurred by individuals with cancer. There are no changes to the other four cost areas (healthcare, social care, family and carer and economic).

The total cost per case remains highest for lung cancer (~£920,000 per case), followed by all other cancers (~£600,000 per case), bowel cancer (~£580,000 per case), breast cancer (~£360,000 per case) and finally, melanoma (~£190,000 per case). The relative proportion of cost that each cancer type contributes remains similar.

Proportion of costs for new preventable cancer cases diagnosed in 2023



If more information is required, please contact hello@frontier-economics.com.