



Full costs of stroke in 32 European countries is €60 billion

In 2017, nearly 1.5 million people suffered a stroke, nine million Europeans lived with a stroke, and more than 430,000 people died due to a stroke in the 32 countries in a new study. The total annual costs for stroke were over €60 billion, a figure revealed by the Economic Impact of Stroke in Europe Report, funded by the Stroke Alliance for Europe (SAFE) and undertaken by a health economics team from the University of Oxford.

“We know stroke shatters lives. This latest evidence clearly demonstrates its ability to shatter entire economic systems if the business as usual approach continues” said Arlene Wilkie, SAFE Director General announcing the first part of the Economic Impact of Stroke in Europe report being published in the European Stroke Journal.

Previously, in 2015, the overall cost of stroke for the European Union was estimated to be €45 billion. However, that study did not include nursing or residential care home costs, which may have biased the estimated costs of stroke downwards because evidence has shown that when a stroke happens, the survivor often needs to be placed in a specialised institution for further care, for example in a nursing home.

This new study shows that with social care costs (nursing and residential care home costs), costs of productivity losses (the effect of sickness on person’s time off work; working years lost due to early death) and informal care costs (the time that relatives and friends spend providing unpaid care to people with stroke) being added, we have the first full overview of

all stroke-related costs in all 32 countries in question. With this new information, the cost of stroke across 32 European countries is roughly 15 billion euros more than previously estimated in 2015. However, this is likely to be an underestimate, because some categories of healthcare costs, such as health education, public health activities, supportive treatments, home adaptations, and care provided outside the healthcare system were not recorded in healthcare statistics.

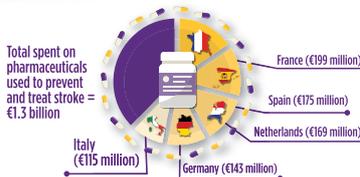
Further work commissioned by SAFE will estimate the number of people having, living and dying from stroke in 2030, 2035 and 2040, and how these changes will impact the economic costs of stroke across the 32 European countries in the study. These findings will be revealed in May 2020.

“The Economic Impact in Europe Report provides persuasive arguments for stroke to be considered as an investable proposition. We hope we have brought enough hard evidence for our partners, medics, researchers and policy decision makers to see the clear potential for investment in stroke prevention, treatment and life after stroke as a way for saving more lives and reducing future costs” concluded Arlene Wilkie.

For more information about the Economic Impact in Europe Report please visit www.safestroke.eu.

This Report was made possible through educational grants from the following organisations: Boehringer Ingelheim, Amgen, Allm and the BMS-Pfizer Alliance.

the ECONOMIC IMPACT OF STROKE in Europe



In 2017, stroke accounted for 438,000 deaths across Europe (8%)



Across Europe there were approximately 45 million days spent in nursing/residential care home due to stroke in 2017.



1.3 billion hours of informal care provided across Europe were valued at €16 billion for the year 2017.



Per capita levels of health and social care expenditure varied widely by countries, from €11 in Bulgaria to €140 in Finland.

The cost of the health care systems of the 32 countries under study was €3.3 billion, Germany (€1.2 billion) and Spain (€0.4 billion) accounted for approximately 50% of primary care costs in Europe



A total of 38 million working days were lost due to permanent and temporary absence from work across Europe due to stroke. In total productivity losses due to stroke amounted to €12.5 billion.



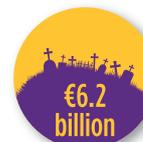
In 2017, the European spend on pharmaceuticals used to prevent and treat stroke was €1.3 billion.



#CostofStroke €60 bil.



Stroke cost €60 billion a year, and together with the evidence we have gathered over the last 15 years, it would appear that the costs of stroke are rising over time.



Premature mortality cost the 32 European countries under study a total of €6.2 billion.

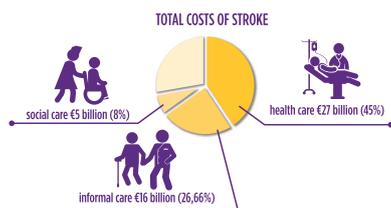
"...stroke shatters lives, and (...) we have clearly demonstrated its ability to shatter entire economic systems..."

A "top down" approach was employed to calculate the total expenditure due to stroke across 32 European countries

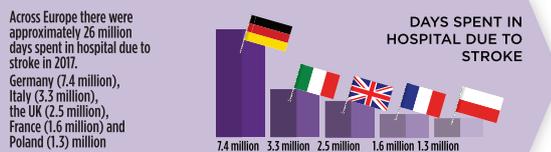


Of the nearly 9 million people with stroke, 1.2 million were severely hampered in their activities of daily living.

HOURS OF CARE FROM FRIENDS AND FAMILY



Across Europe there were approximately 26 million days spent in hospital due to stroke in 2017.



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