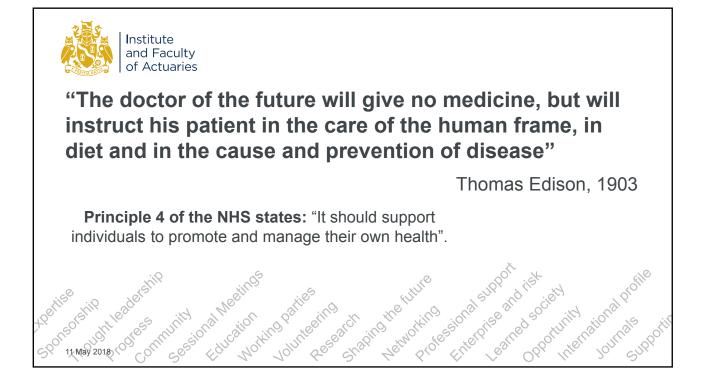


## Protection, Health & Care in 2050

Dr Douglas Wright, MBA, BM, MRCGP Medical Director, Aviva UK Health & Protection

Richard Galbraith MSc, FIA, CERA Senior ERM Actuary, Aviva UK Health & Protection

11 May 2018





## Non-Communicable diseases

Disease	Number of people annually (millions)
Cardiovascular	17.7
Cancer	8.8
Respiratory	3.9
Diabetes	1.6
Diabetes	1.6

## Responsible for ~ 70% of all deaths globally:

• These account for 80% of premature deaths due to NCDs.

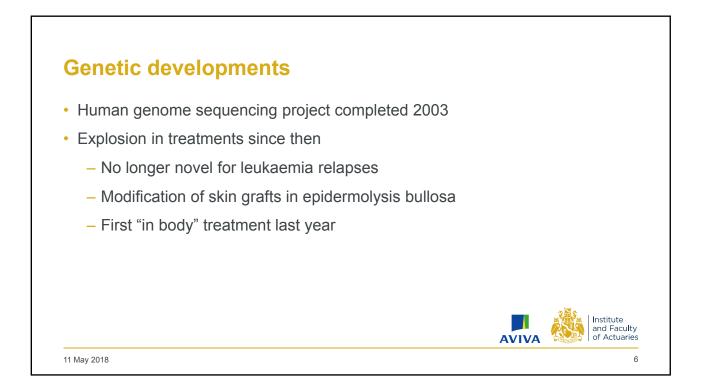


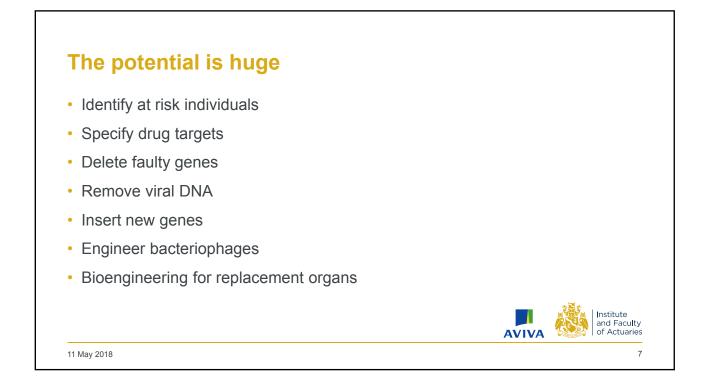
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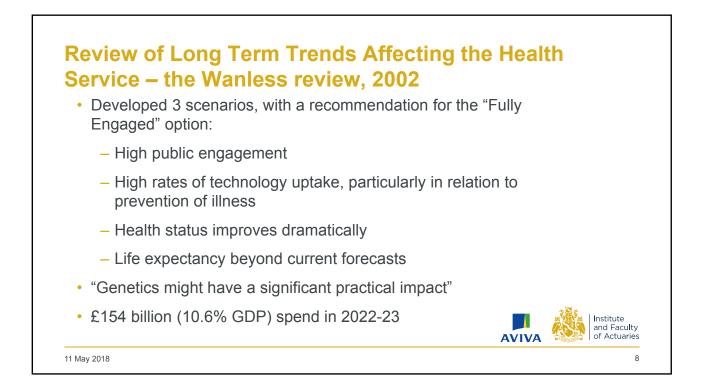
## Diabetes in the UK

- Total cost of diabetes treatment and complications is 10% (£14 billion) of NHS budget
- · Absenteeism, early retirement and social benefits will equal this
- · Currently 3.5 million people with diabetes
- Projected to be 5 million by 2025, this would be £20 billion in treatment costs
- Impaired Glucose Regulation (pre-diabetes) will add to this, current estimate is that 7 million people in the UK have this







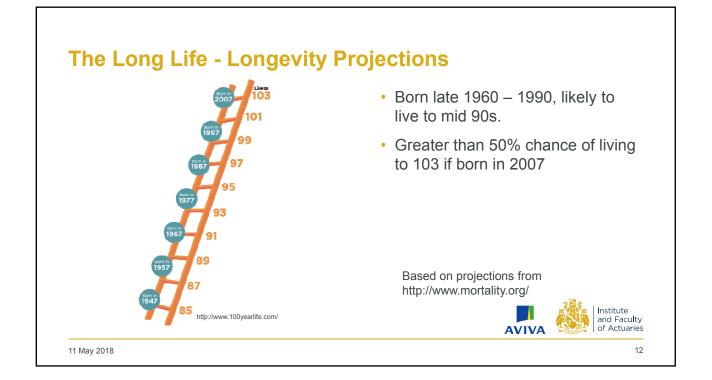


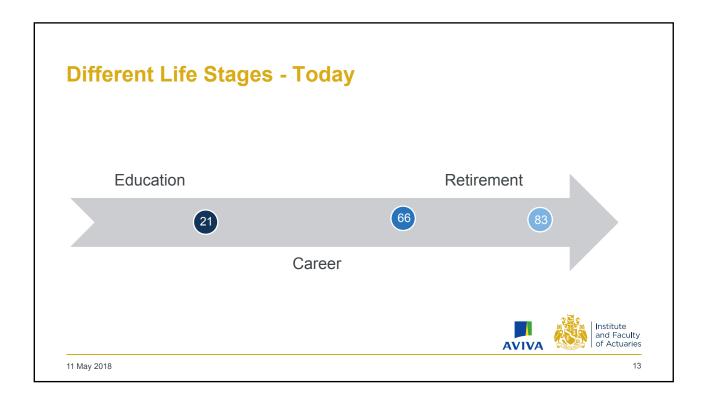
Scenario	Funding need (billions)	Proportion of GDP	Assumptions:
Current	£128	6.9%	<ul> <li>Activity increasing by 3% annually</li> </ul>
Follow current demand/cost	£141	7.5%	<ul> <li>Efficiency (cost of each unit of care) 1.5%</li> </ul>
Increase in line with GDP	£137	7.3%	
			Data from the Nuffield Trust
			Institute and Fac
			AVIVA
1 May 2018			

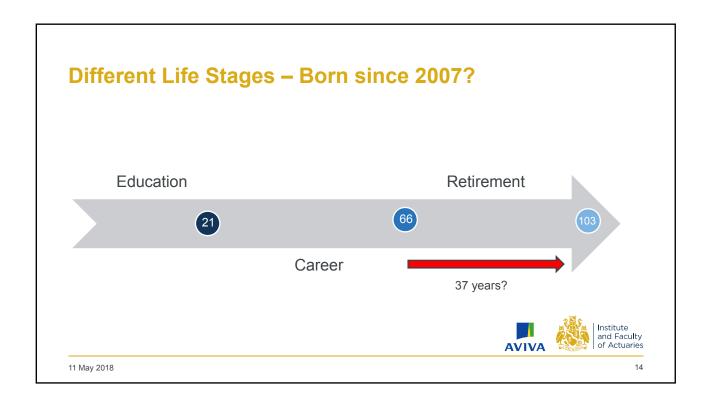
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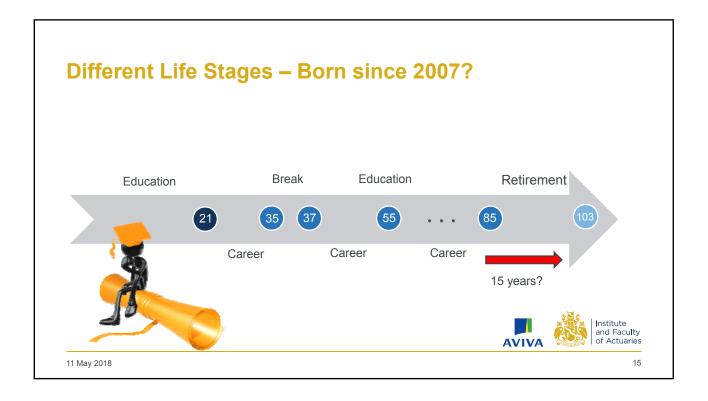


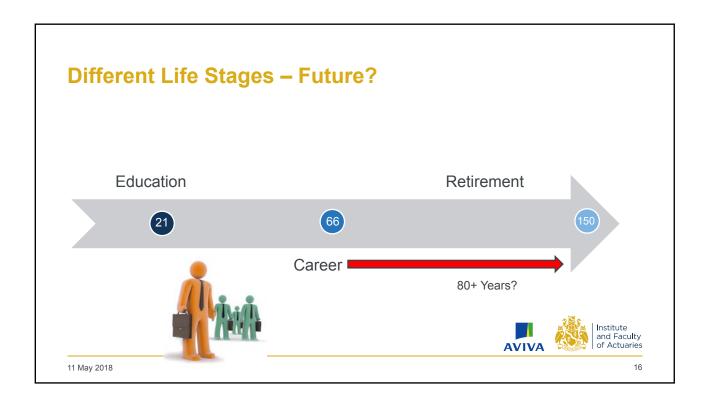












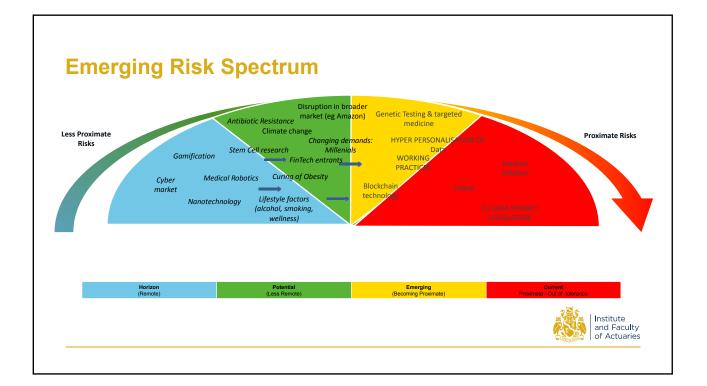






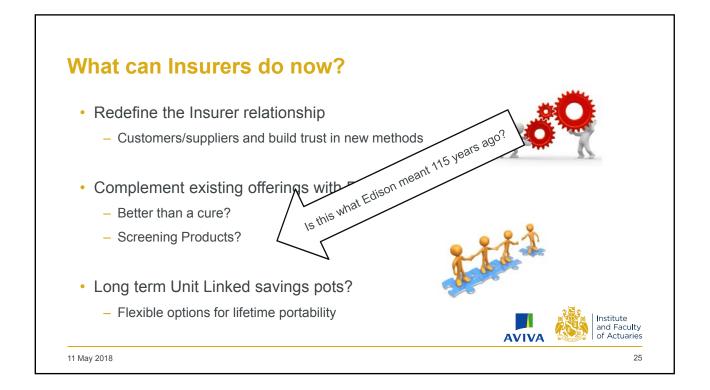


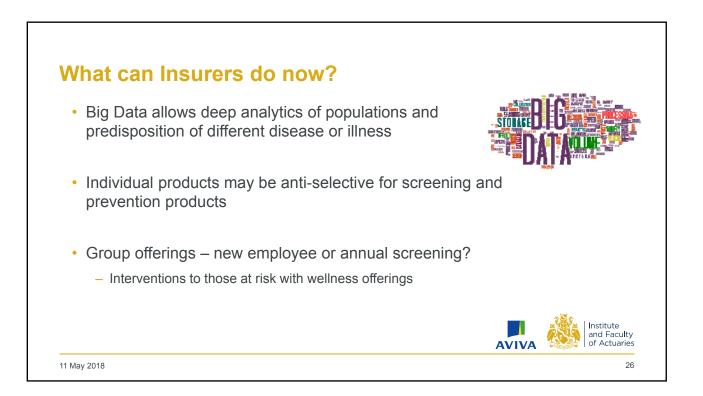


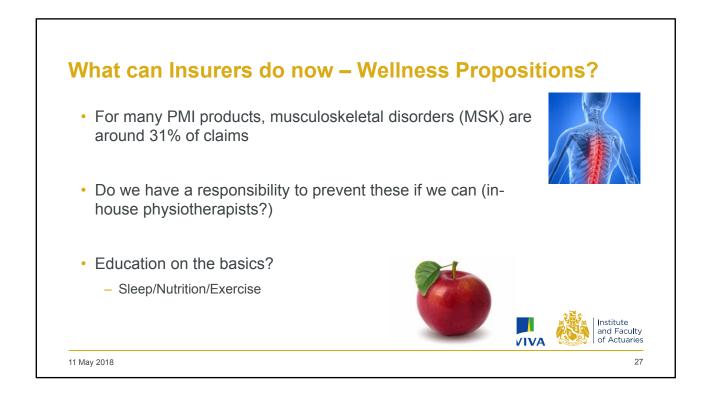


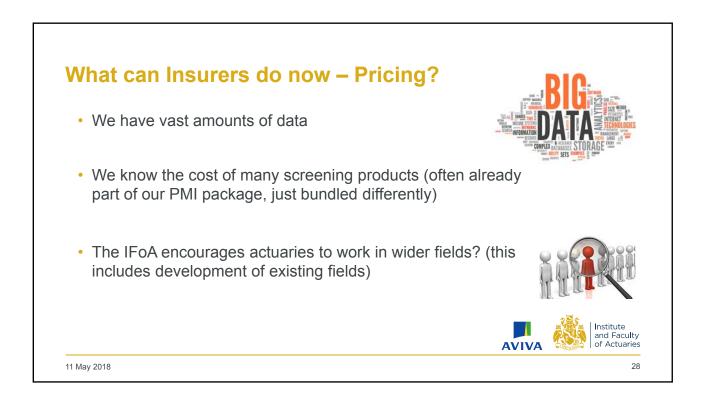


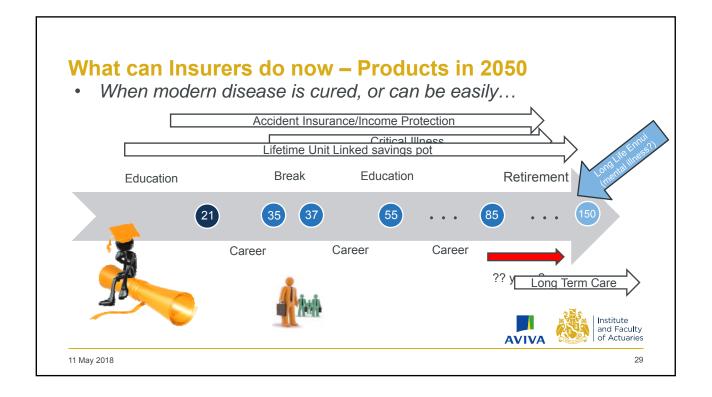














	Comments
Expressions of individual views by members of and its staff are encouraged.	the Institute and Faculty of Actuaries
The views expressed in this presentation are th	nose of the presenter.