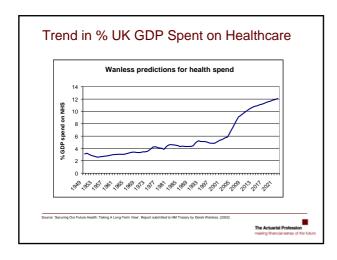
The Actuarial Profession making financial sense of the futur	e -
A convenient truth Presentation to Institute of Actuaries Healthcare Conference May 2007 Tal Gilbert Head of Research and Development PruHealth	
Overview	
Why are healthcare costs going up?	
 Implications for consumers 	
Funding options	
• What can we do?	
What next?	
The Actuarist Profession making francisis some of the fu	Auss
1. Why are healthcare costs going up?	
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Public Policy



"My focus is that we must deliver an acceptable service to patients in the waiting list, that is to say that everybody should have the total assurance that if they are on a waiting list they will be treated within eighteen months as a maximum, actually for the overwhelming majority it is twelve months as a maximum and for the great majority it is very much less than that.

Stephen Dorrell, Secretary of State for Health in Major's Cabinet

Source: http://www.bbc.co.uk/otr/intext/Dorrell2.2.97.htm

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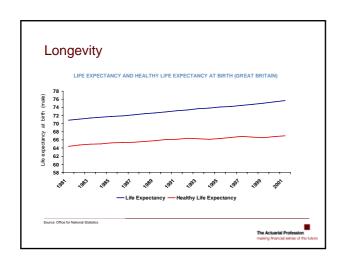
Public Policy

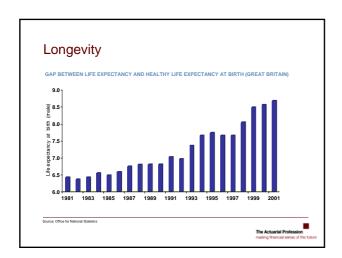


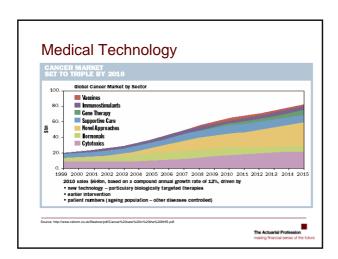
- "The NHS has eradicated long waits and is now delivering the fastest ever access to NHS treatment. This is dramatic and real progress.
- "The challenge now is to meet our commitment to deliver a maximum wait of 18 weeks from GP to treatment. This will end the hidden waiting lists that patients often encounter and is the final step in consigning waiting lists to NHS history."

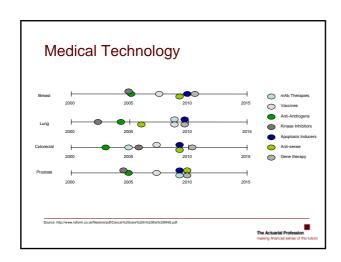
Source: http://www.dh.gov.uk/PublicationsAndStatistics/PressReleases/PressReleasesNotices/fs/en/CONTENT_ID=41279128.chic=H4

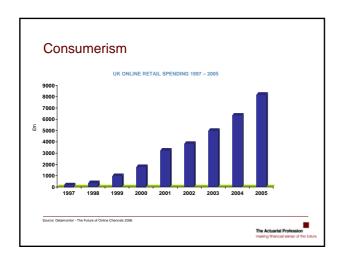
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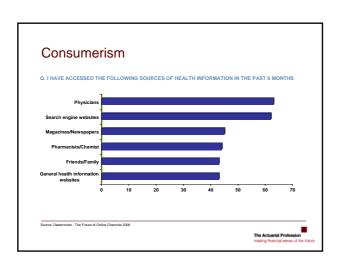




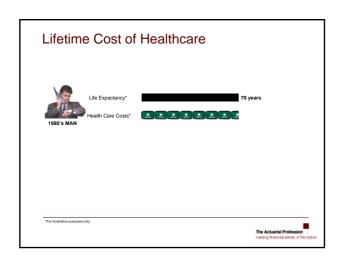


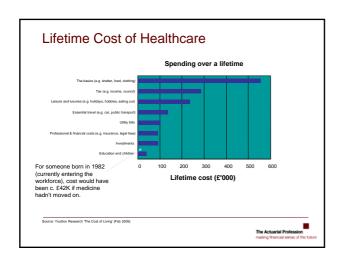


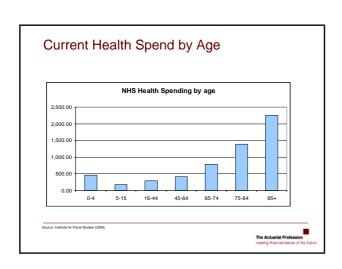


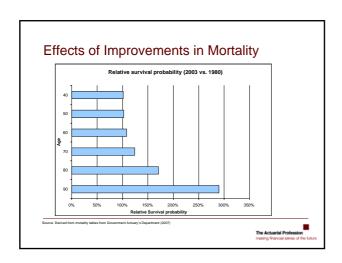


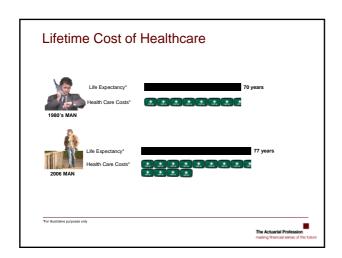
Consumerism				
Dissertanded from long core of 11 Dissertant 2008. Research				
Googling for a diagnosis-use of Google as a diagnostic aid: internet based study those larg Joseph Nov Rosen Ng				
Material Segment 2-formulae from the continuous of Conglet the control peaks are should not seen from the control peaks are not seen from the control pea	o :			
Conclusion As internet access becomes more readily awailable in outpatient clinics and hospital wards, the web is rapidly becoming an important clinical tool for				
doctors. The use of web based searching may help doctors to diagnose difficult cases. Charles to Frenches to Fren				
	uariai Profession			
sale and making it	nancial sense of the future			
Why are healthcare costs going up?				
Higher expectations for public servicesLongevity				
 New treatments 				
 Informed consumers 				
The Act	uarial Profession nancial sense of the future			
		-		
2. Implications for consumers				
The Act	uarial Profession			

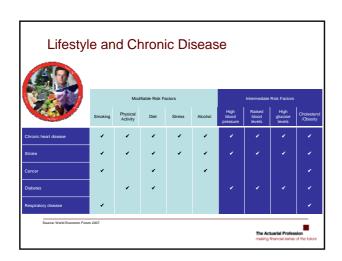


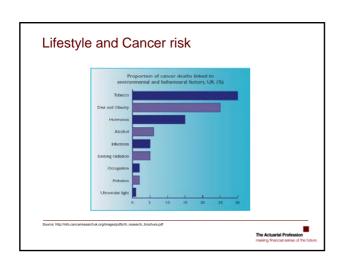


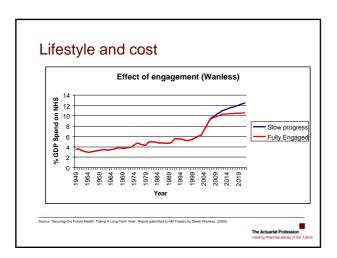


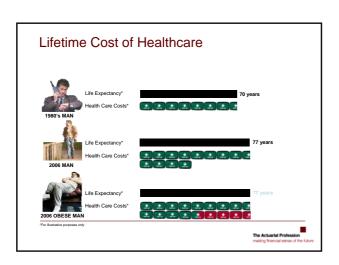


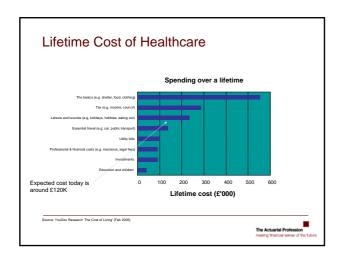


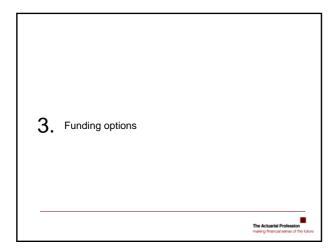


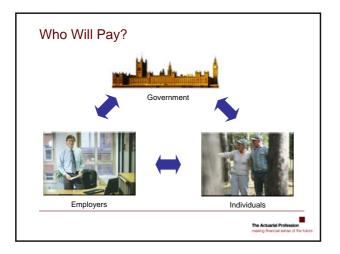


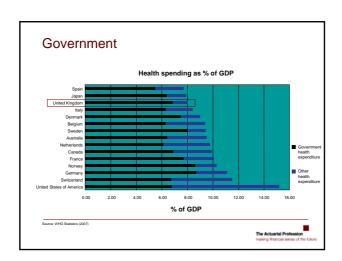


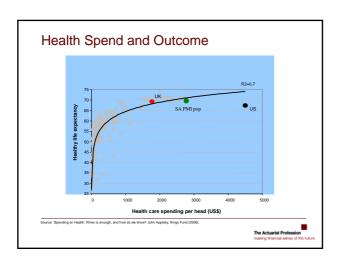


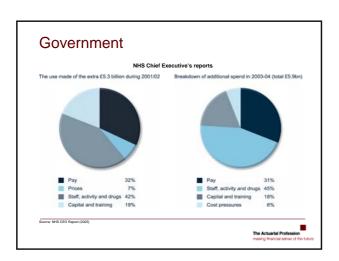


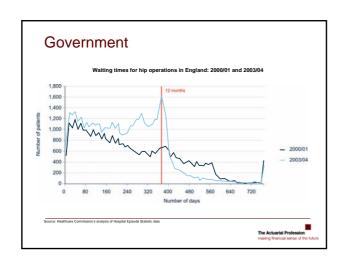


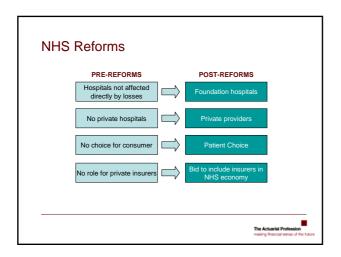


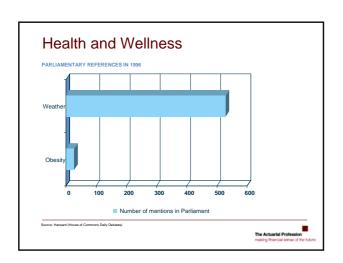


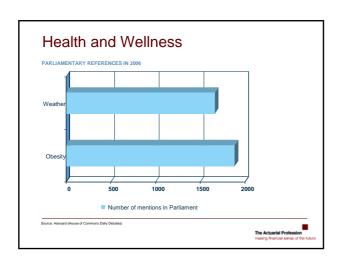












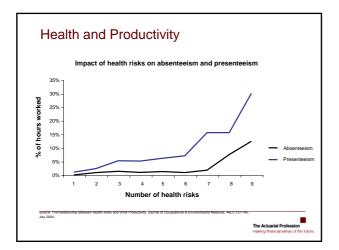


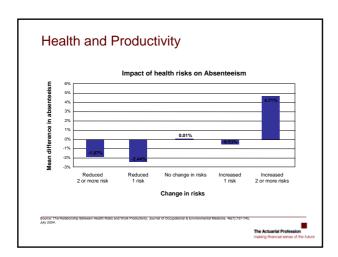
Individuals? - Already an element of self-pay - Highly inefficient - Declining market - Leads to inequality based on income

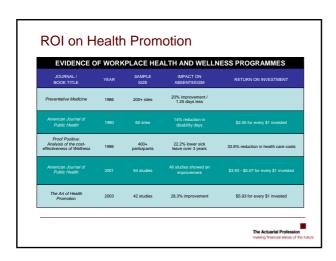
Employers?

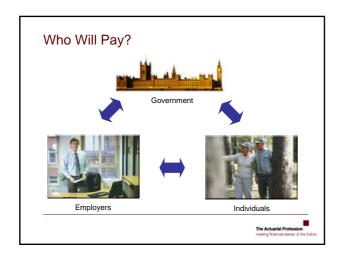
- Do people genuinely value investment in their health?
- Are healthy employees really more productive?
- If employees get healthier, will they get more productive?
- Do healthier companies perform any better than their competitors?
- Does investing in health have a positive return?

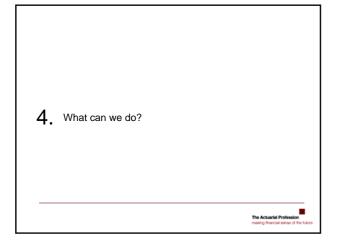
The Actuarial Profession



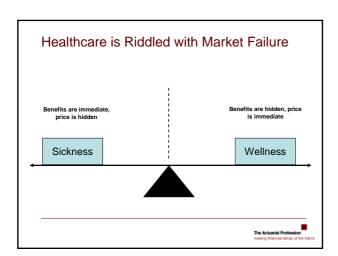


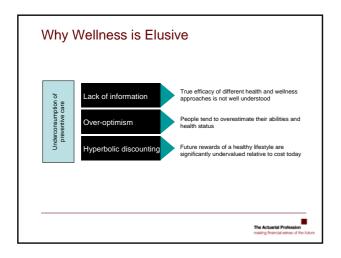


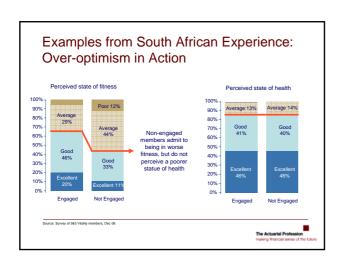


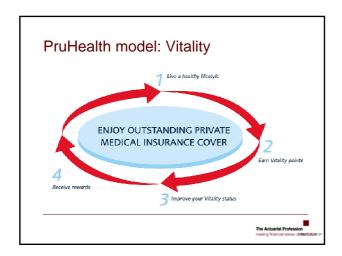


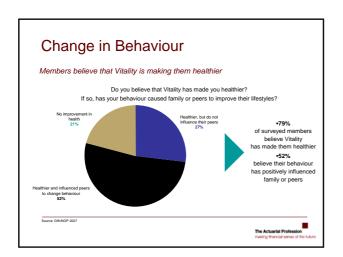


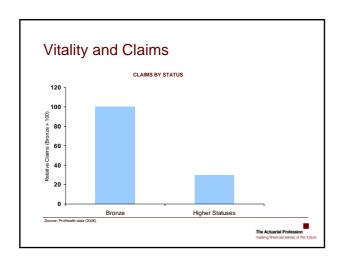


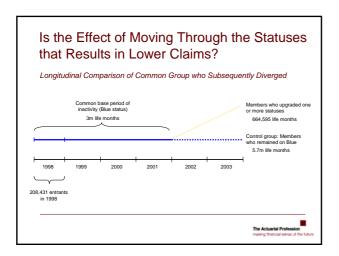


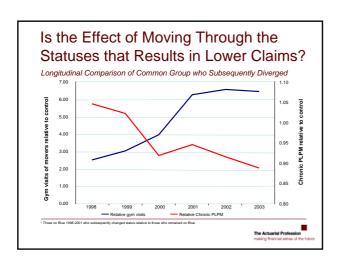


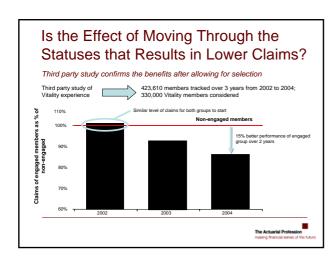






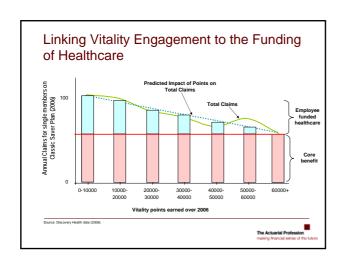


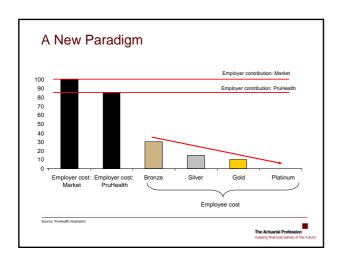


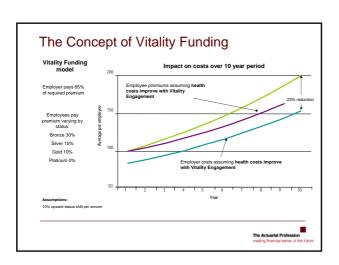


Three Tests of Vitality Experience 1. Does Vitality precipitate a change in behaviour? 2. Are Vitality engagement and healthcare consumption negatively correlated? 3. The effect of selection: Does Vitality make people healthier, or do healthier people engage in Vitality?









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5. What next?	
The Actuarial Profession modely francial sense of the future	
A convenient truth	
 Health is at the top of the agenda 	
Government engaged in major reforms	
Consumers looking for innovative solutions	
Employers trying to control costs fairly	
Major opportunities for new ideas	
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The Actuarial Profession making financial sense of the future	
A convenient truth	
Presentation to Institute of Actuaries Healthcare Conference	
May 2007 Tal Gilbert Head of Research and Development	
PruHealth	
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