

a makeover for mortality

Michael Blastland, Edinburgh, 2013.

CASUAL+Y one















631,473,986



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Latest News Christine Lagarde faces ridicule after leak of grovelling 'Dear Nicolas' letter





No children killed on the way to

school

Not very much has happened lately, according to figures released today by the Office for National Statistics. A spokesperson said that this was a normal seasonal variation and parents should not



LATEST NEWS

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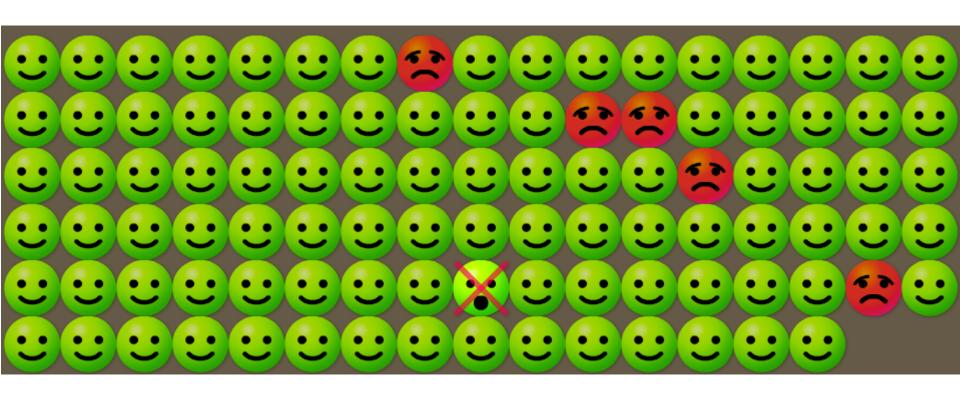
- No market reaction whatsoever Bank of England
- PM has nothing to say Downing Street
- Futher reports pages 2-17



November 14, 2013 6 One must not put a loaded rifle on the stage if no one is thinking of firing it.

Letter from Anton Chekhov, 1889.





Spinning risk animation



'Supposing a tree fell down, Pooh, when we were underneath it?'

'Supposing it didn't,' said Pooh.

After careful thought, Piglet was comforted by this.



British Parachuting Association

	20 years, 1991 - 2010		
Type of Jump	Jumps	Fatalities	Fatality Rate (per 100,000 jumps)
Tandem:			
Tandem Instructors	341,608	1	* * 0.3
Student Tandem Jumpers	341,608	1	**0.3
All First Jumps	649,078	7	1.1
All Student Jumps	1,204,029	13	1.1
All Jumpers Combined	4,599,435	48	1.0



1 micromort = a 1 in a million chance of dying.



MicroMort simulation







Daily habit	h = hazard ratio	
2 hours watching TV	1.09	
Daily sausage / bacon sandwich	1.10	
5 fruit and veg a day	0.66	
1 st 20 minutes moderate activity	0.81	
Next 40 minutes activity	0.94	
Being male	1.50	



Daily habit	h = hazard ratio	<pre>t = years older/ younger</pre>
2 hours watching TV	1.09	+ 1
Daily sausage / bacon sandwich	1.10	+ 1
5 fruit and veg a day	0.66	- 4
1st 20 minutes moderate activity	0.81	- 2
Next 40 minutes activity	0.94	- 1
Being male	1.50	+ 4



Life expectancy reduced by one year =

30 minutes off your life expectancy for each day with the habit.

We call this: 1 Microlife.



On average, it's as if you are

- * 1 year older* lose 1 microlife
- per day

for each daily habit of...











Exposure to ionising radiation	Micro- lives	Cigarette equivalents
Being 2.4 km from Hiroshima explosion	150	300
Whole body CT scan	150	300
Flight to New York	1	2
Chest X-ray	0.5	1
Bag of Brazil nuts	0.1	0.2



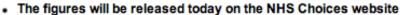
Animated mortality/lifestyle simulation



The surgeons whose patients were up to

30 times likelier to die: NHS to publish Find a Job | M&S death rates of doctors for the first time





- Its publication could be halted by legal challenges from some hospitals
- Fears that figures could stop surgeons operating on those most at risk

By SOPHIE BORLAND

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Patients in life-saving operations could be up to 30 times more likely to die than others depending on their surgeon.

For the first time the NHS is to publish the death rates of doctors performing operations to

The figures are in a report due to be released today on the NHS Choices website. But last night there was speculation that its publication could be halted by legal challenges from some

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By SOPHIE

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to die





Simon Payne, (left) who is based at Portsmouth Hospitals, has a 31 per cent mortality rate while Irfan Akhtar, right, has a mortality rate of 22 per cent

Previously experts have warned that publishing death rates will discourage surgeons from carrying out operations on patients most at risk of dying - such as the elderly.

Over the next few weeks, however, officials intend to release the mortality rates of surgeons

nds





revealed by er cent more likely

Hospital mortality simulation



