

The burden of unintentional injury

Presented by:

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Deputy Chief Executive

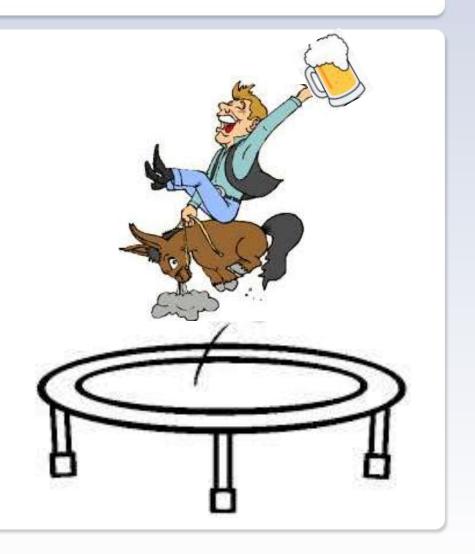


"The most hazardous thing we could do...."



Dr Clifford Mann

President of the Royal College of Emergency Medicine, delivering the 2014 Alan St John Holt Lecture





Pyramids

Deaths



 Serious injuries leading to hospital admissions



Injuries leading to hospital Emergency
 Department (A&E) attendances





UK injury pyramids (2012/13 data)



	Workplace	Transport (mainly Road)	Leisure	Home
Scale				
Deaths	167	1,909	5,300	6,100
Admissions	70,000	65,000	220,000	360,000
Attendances	600,000	1.1 million	1.9 million	3.1 million



Wales

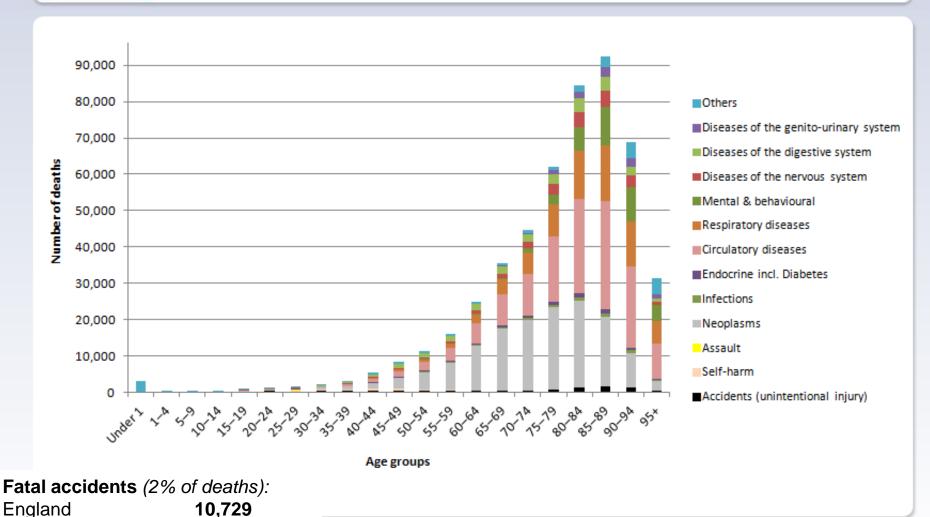
England & Wales

655

11,384

Causes of death as a % of <u>all</u> causes of death, by age group, England & Wales, 2012 (ONS data)



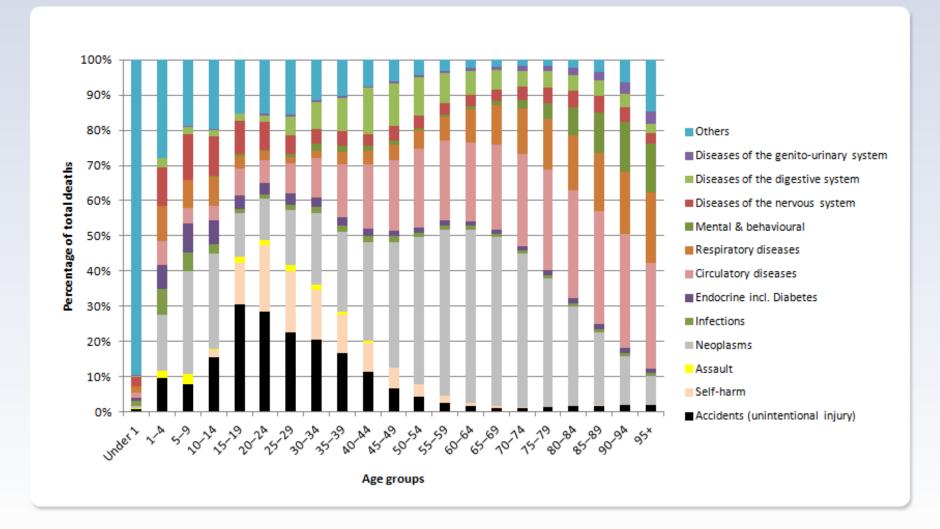


RoSPA's mission is to save lives and reduce injuries



Causes of death as a % of <u>all</u> causes of death, by age group, England & Wales, 2012 (ONS data)

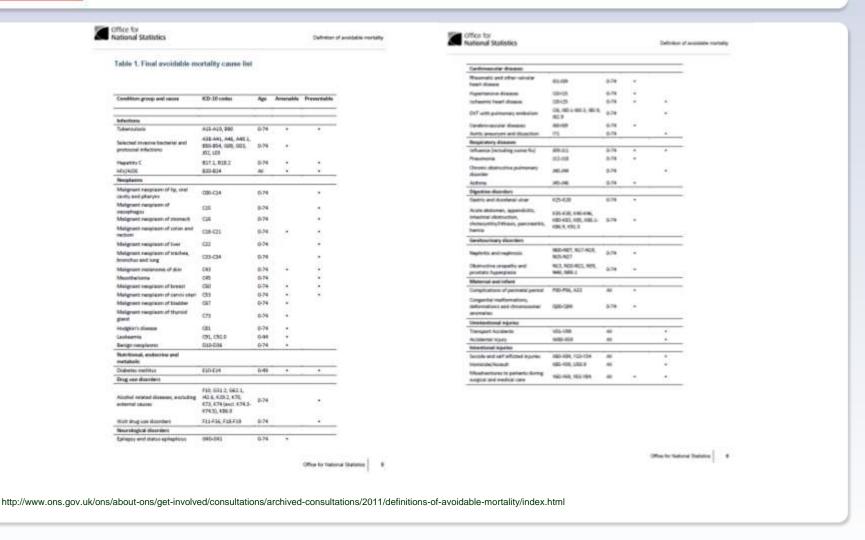






Definition of preventable mortality



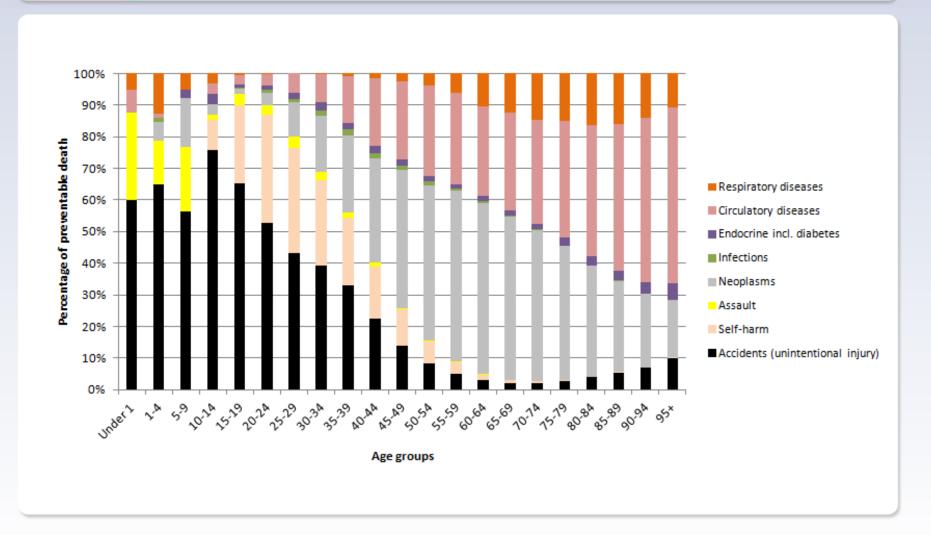




Preventable causes of death as a % by age group



England & Wales 2012 (ONS data)

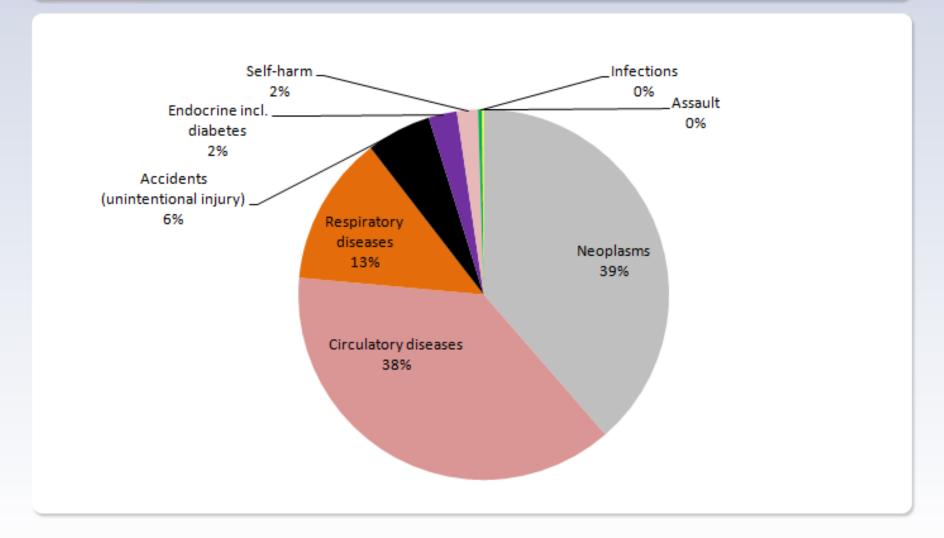




% of total <u>preventable</u> causes of death



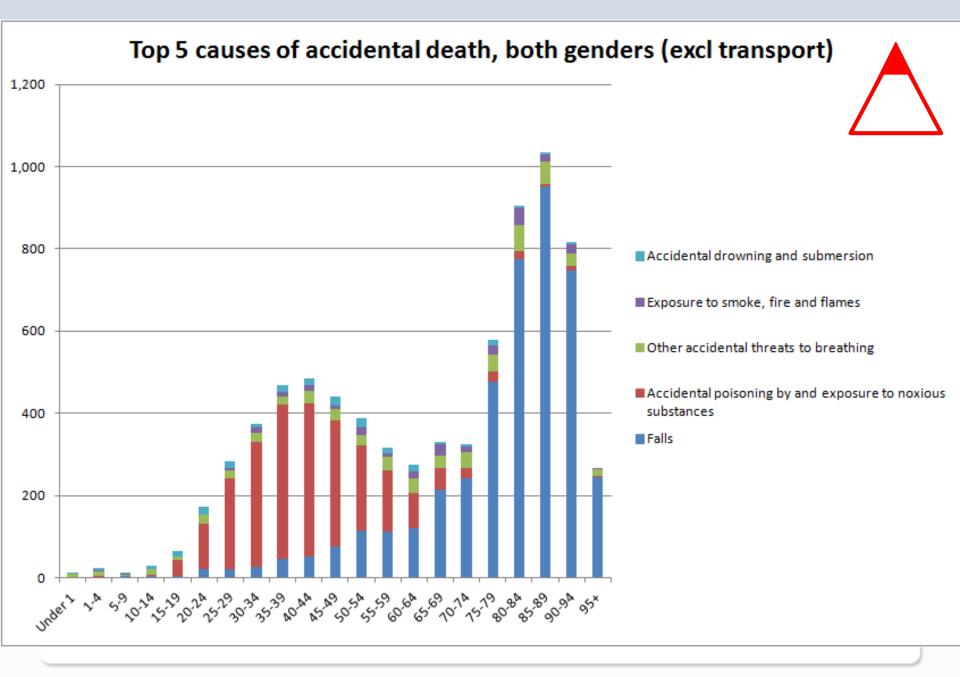
England & Wales 2012 (ONS data)

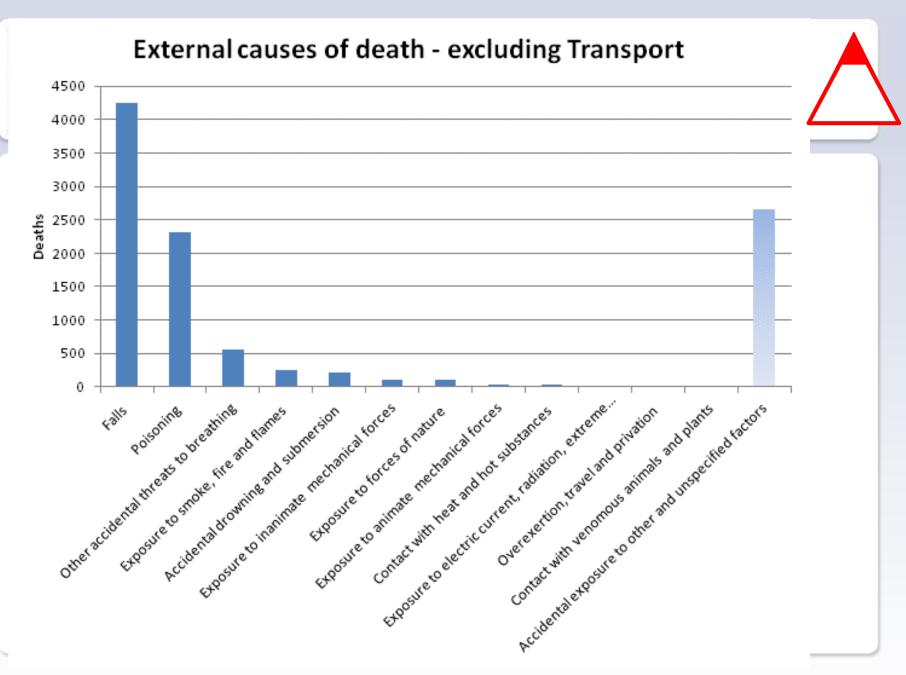


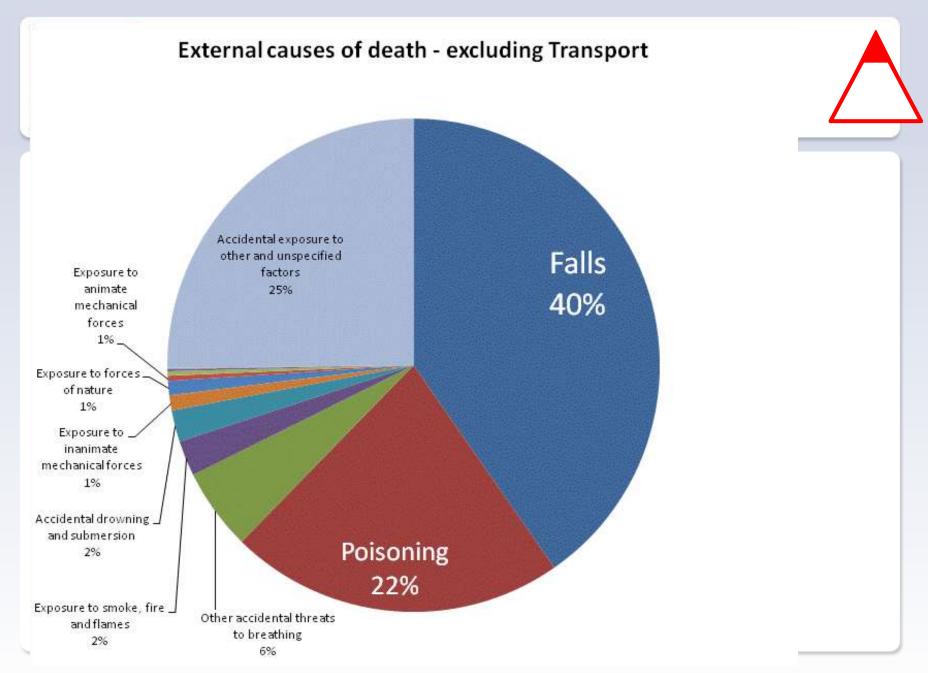


Top causes of accidental death by age group (excluding Transport accidents)/

Age group	Leading cause	Second cause	Third cause
0-14	Asphyxiation	Drowning	Falls
15-59	Poisoning	Falls	Asphyxiation
60+	Falls	Asphyxiation	Poisoning







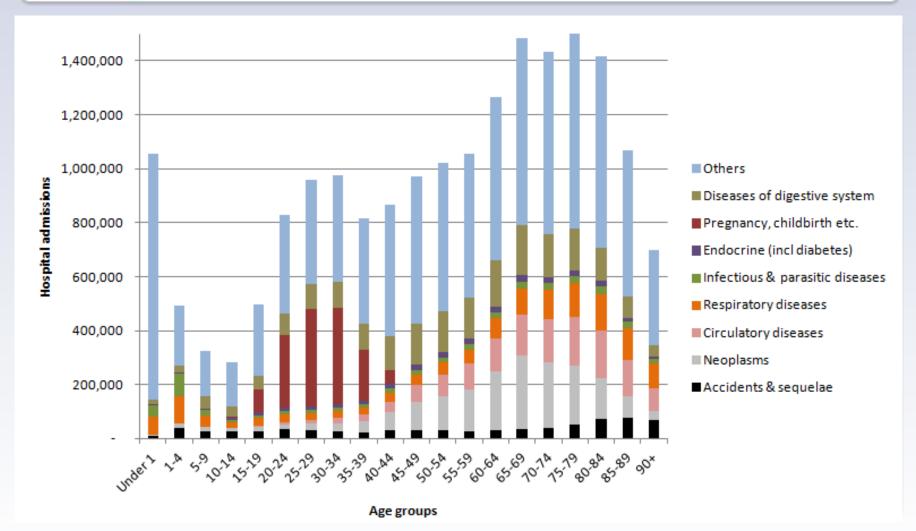
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Hospital admissions – all causes, by age



England 2012/13

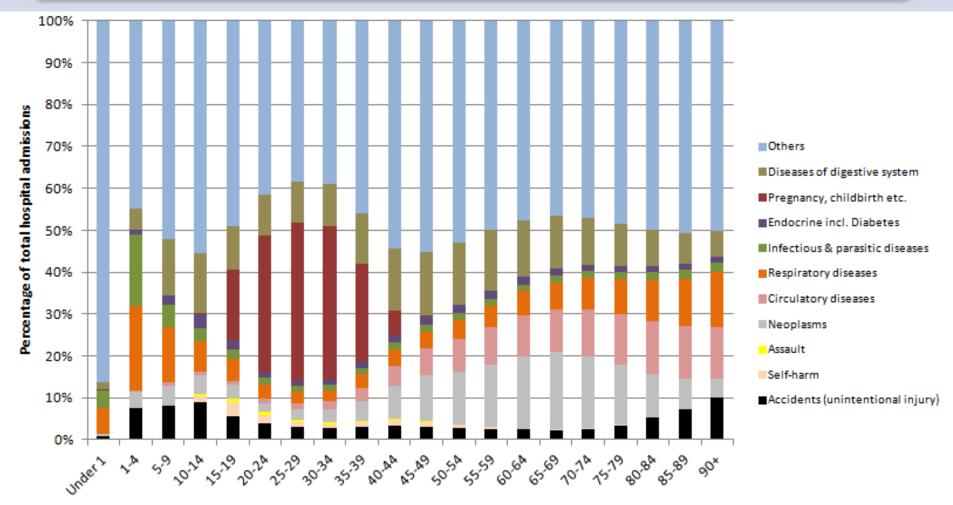




Causes of hospital admissions as a % by age group

England 2012/13 (HSCIC data)





Age groups

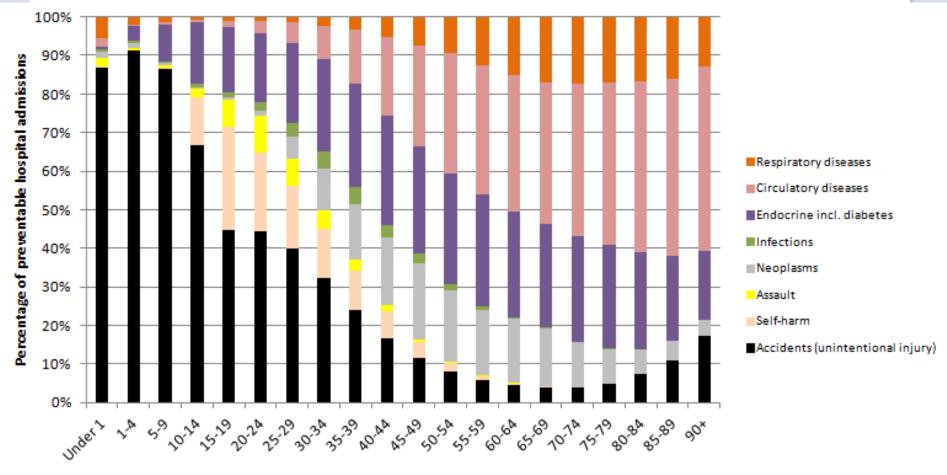


Preventable causes of hospital admissions as a %

by age

England 2012/13 (RoSPA/HSCIC)



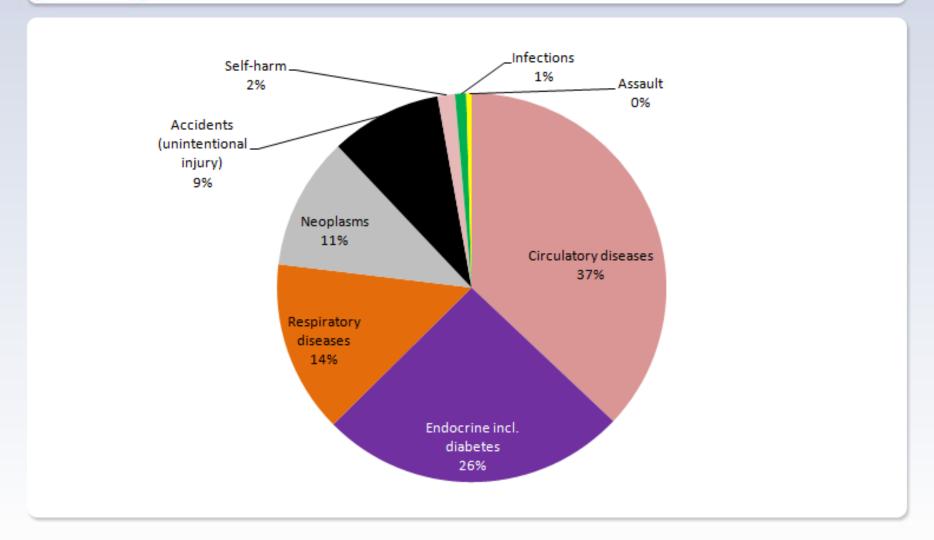




% of total <u>preventable</u> causes of hospital admissions



England 2012/13 (RoSPA/HSCIC)

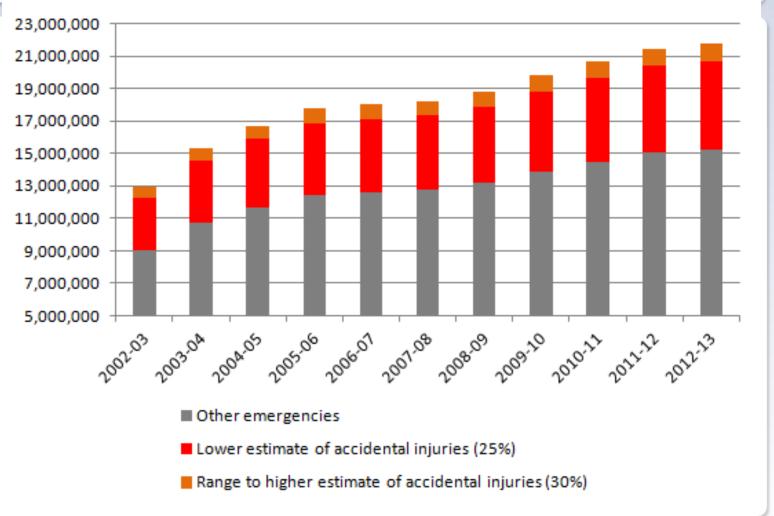




Emergency Department first attendances



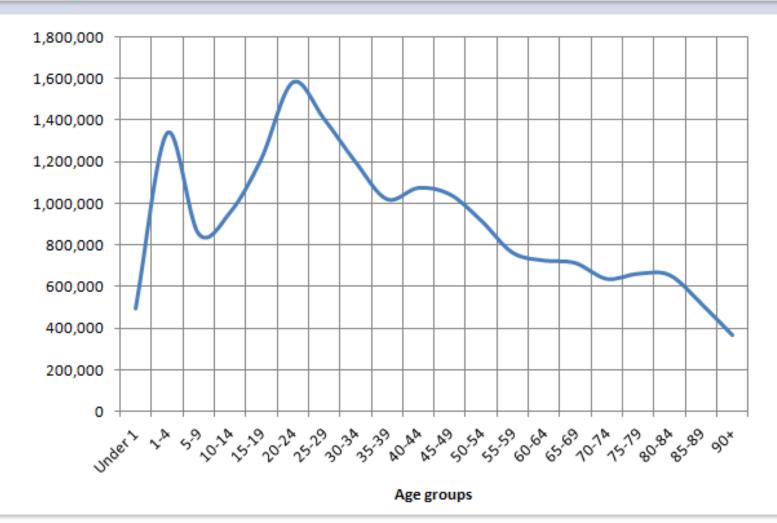
England 1987-2012 (NHS HSCIC sitreps data)





A&E attendances (all causes) by age, England 2012/13, HSCIC data



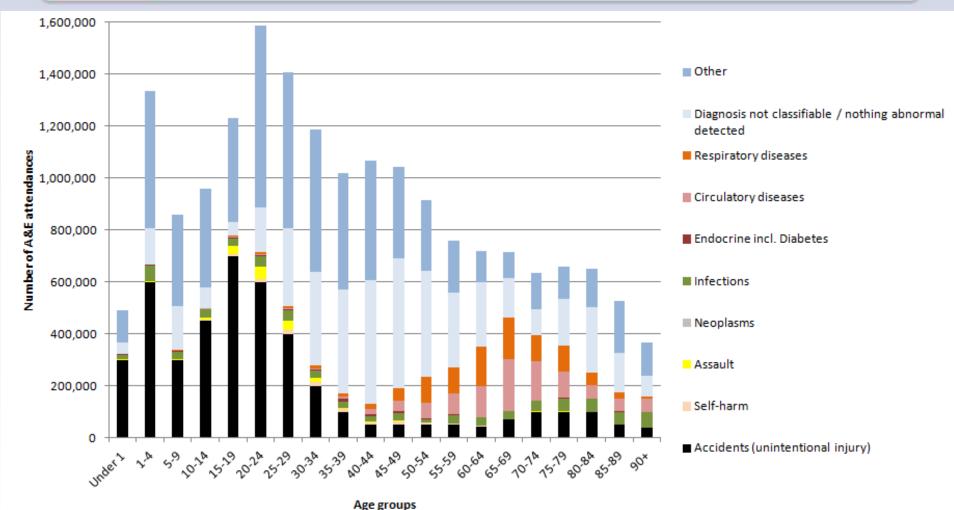




Estimated causes of A&E attendances by age group

England 2012/13, RoSPA estimates using valid HSCIC records





6.5million A&E attendances due to accidents (30% of attendances)

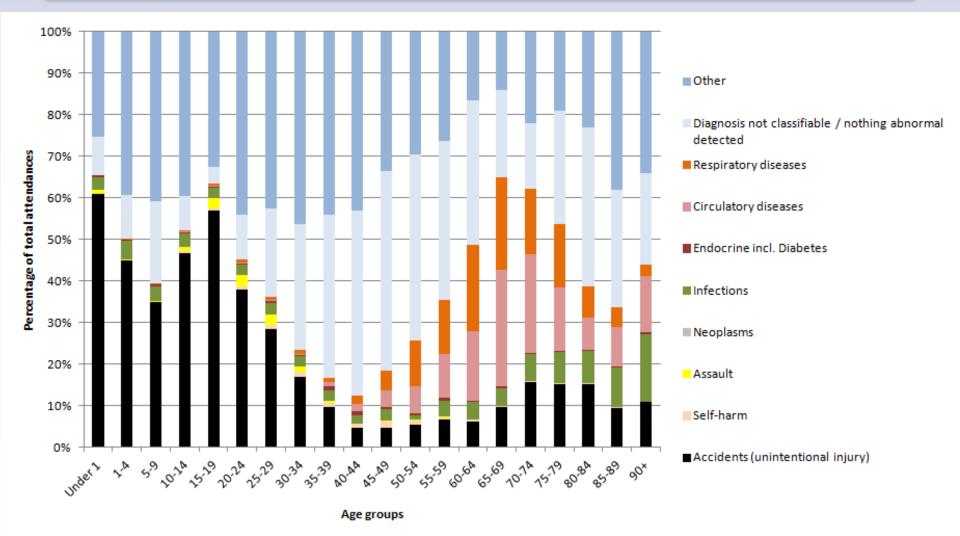
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Estimated causes of A&E attendances as a % by age group



England 2012/13, RoSPA estimates using valid HSCIC records





Percentage split by cause of A&E attendances,

England 2012/13, valid records, HSCIC data

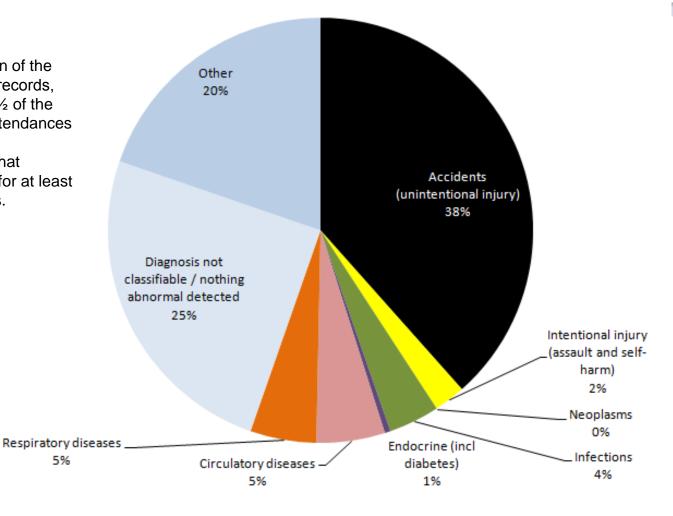


Note:

This is a breakdown of the 11.5m "valid" A&E records, which is less than ½ of the total 21.7m A&E attendances "sitreps".

RoSPA estimates that accidents account for at least 30% of total sitreps.

5%

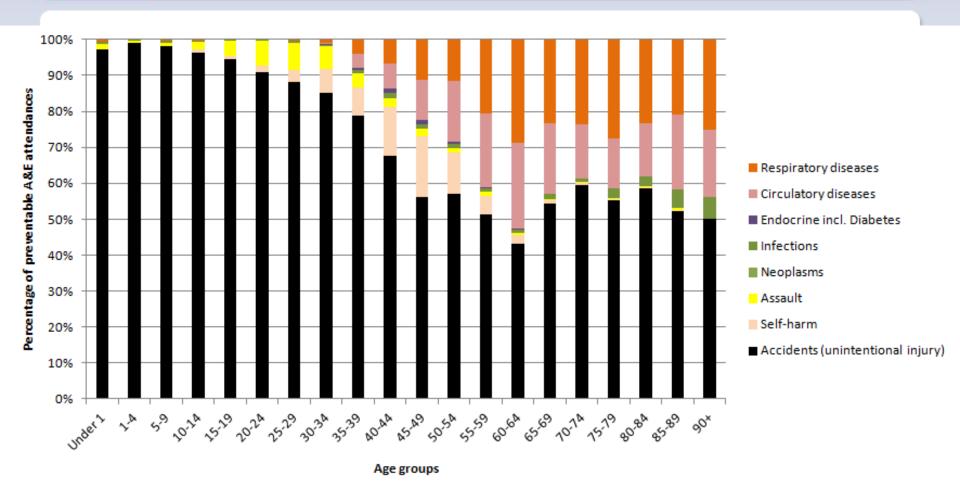




Estimated <u>preventable</u> causes of A&E attendances as a % by age group



England 2012/13, RoSPA estimates using valid HSCIC records

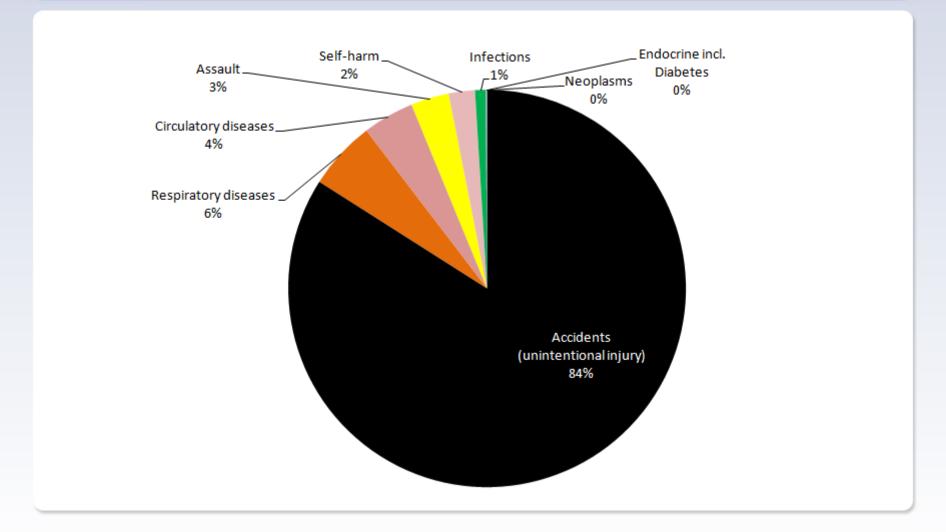




% of total <u>preventable</u> causes of A&E attendances

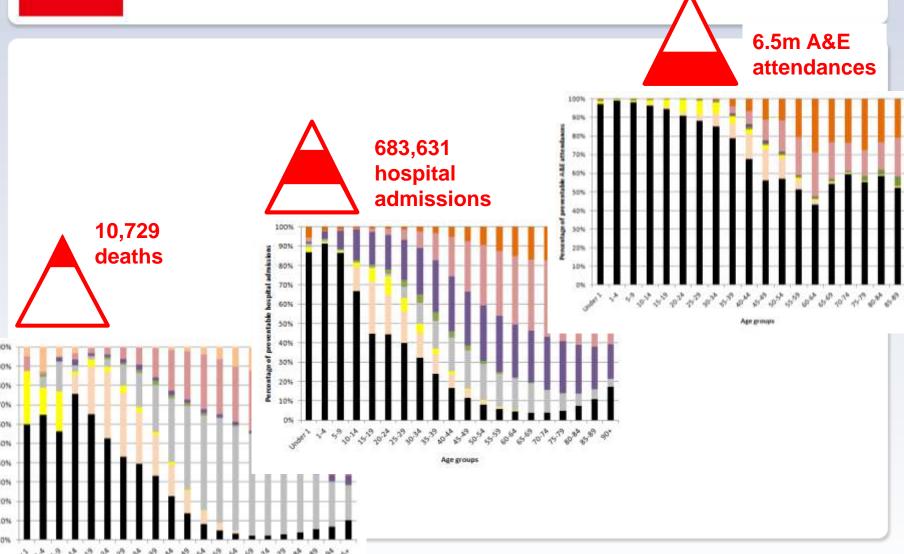
England 2012/13, RoSPA estimates using valid HSCIC records







Accidental injury: England's leading preventable health challenge





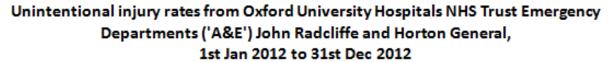
The new Oxfordshire A&E data set

- Fruit of the AlliancE: RoSPA & RCEM
- 63,877 patient records relating to injuries
- 1st Jan 2012 to 30th Mar 2014
- Royal College of Emergency Medicine's
 Minimum Dataset
- Oxford University Hospitals Trust A&E departments:
 - John Radcliffe, Oxford
 - Horton General, Banbury
- Data recorded by A&E receptionists

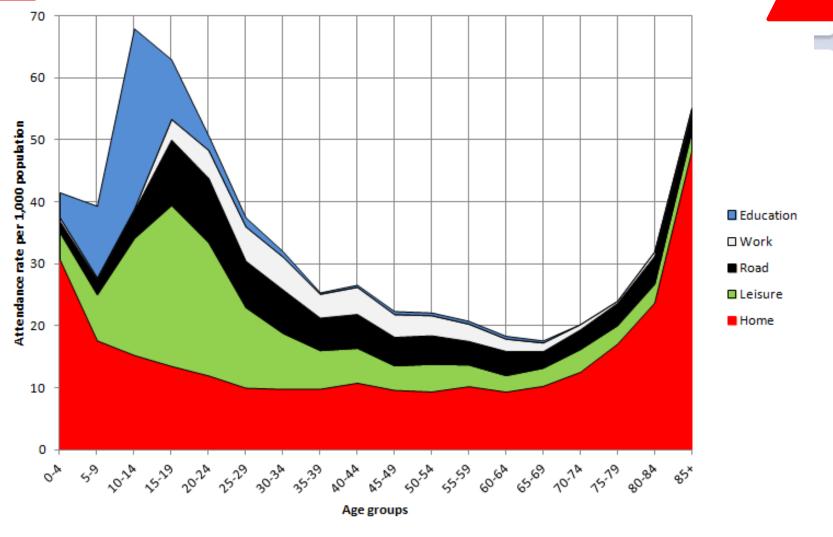
- Data analysed by the Global
 Health, Policy and Innovation
 research group at Queen Mary,
 University of London
- Factors recorded
 - Age
 - o Gender (55% M, 45% F)
 - Injury & injury mechanism
 - Severity
 - Location of accident
 - Activity

NEW: Not otherwise routinely recorded by NHS A&E departments





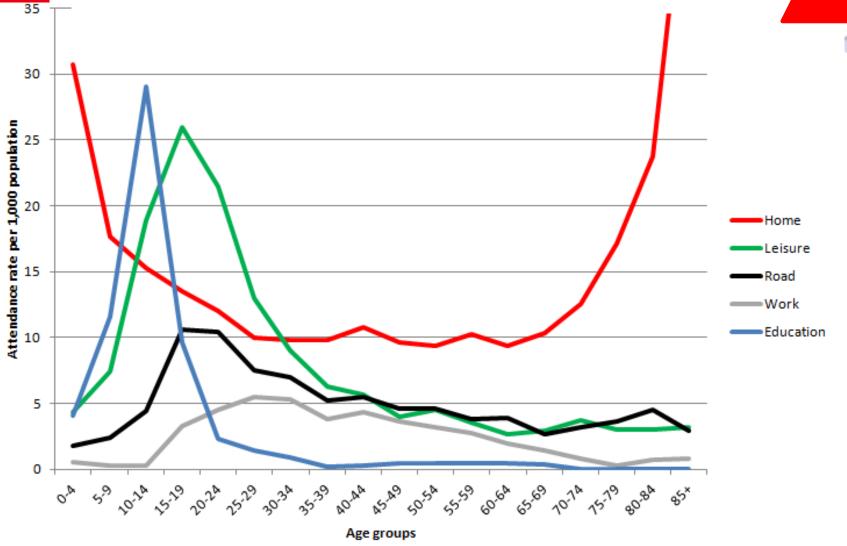






Emergency Department attendances in Oxfordshire due to unintentional injuries





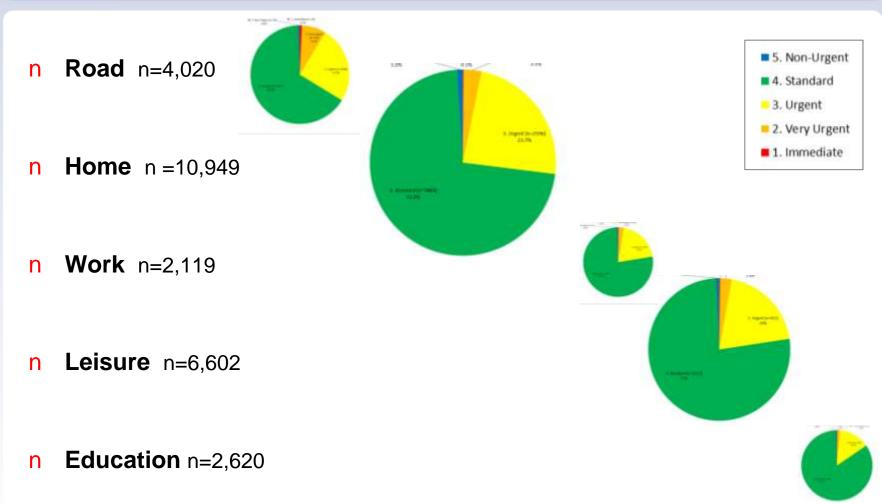
RoSPA's mission is to save lives and reduce injuries



Severity & numbers by location



26,310 injuries 1st January 2012 to 13th August 2013





8 priority areas

(not in order of priority)

Location	Age range	Activities associated with large numbers of A&E attendances and/or resulting in the most severe injuries	Accident prevention
Road	All ages with a peak among 15-29 year olds	Walking (pedestrians) and cycling	Lighter later Hi-viz clothing Face oncoming traffic & green cross code Cycling proficiency
Home	0-4s	Walking - slips, trips & falls Cooking / washing - scalds & burns	Home visits Parental education
Home / Leisure	5-14	Trampolines – large numbers of severe injuries, particularly among girls	Parental supervision Fewer than 3 bouncing. All bouncers similar sizes.
Schools	5-14	Walking – slips, trips & falls	School discipline. Risk assessments Clearing spills and eliminating hazards
Home	Over 70	Walking - slips trips & falls	Home visits and awareness Physical activity and keeping sociable
Leisure	15-24s	Rugby and soccer for males Netball for girls	Coaching & refereeing Warming up Recognising personal limits
Leisure	Over 20	Horse-riding	Training Manageable horse Hi-viz clothing
Workplace	20-64 with a peak among 20-30 year olds	Walking - slips trips & falls	Risk assessments Clearing spills and eliminating trip hazards



Current campaigns & initiatives

- Data
- Public Health
- Lighter evenings
- Family Safety Week
- Young drivers

- Product safety
 - Driveway safety
 - Blind cords
 - Domestic poisonings
 - Garden trampolines
 - E-cigarettes
- Carbon monoxide
- LifeForce volunteers
- UK drowning prevention strategy
- Safe Community
- New Vision in Health & Safety



Thank you

