



Llywodraeth Cynulliad Cymru
Welsh Assembly Government

The essential requirements for effective injury prevention

Dr. Tony Jewell
Chief Medical Officer





- **Progress against injuries**
- **Preventing the preventable**
- **Ensuring effectiveness**
- **Essential requirements**



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Progress against injuries

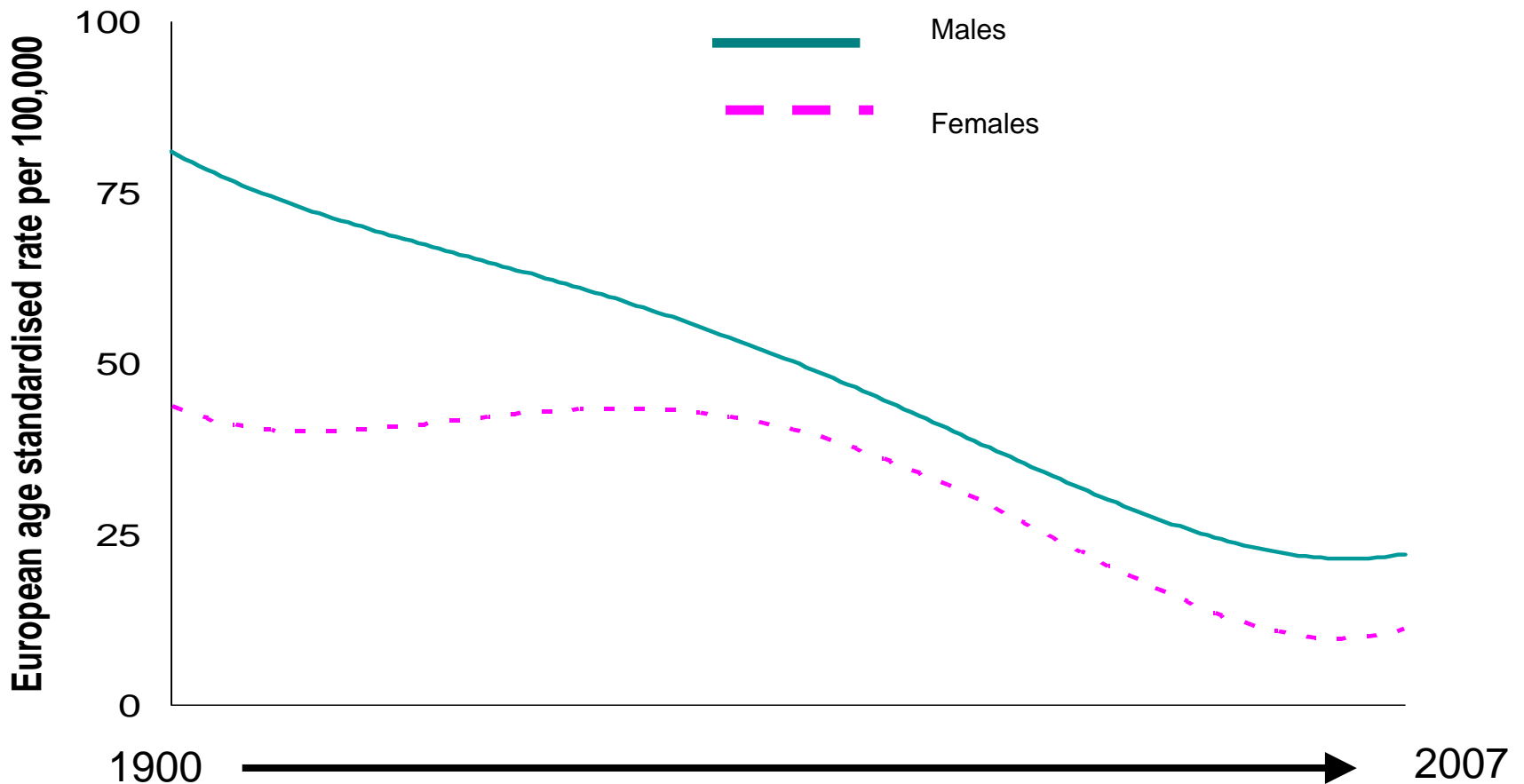
Accident trends



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Deaths from Accidents, 1900 – 2007, England and Wales

Source: ONS



Showing the way



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Haynes et al, (2005)

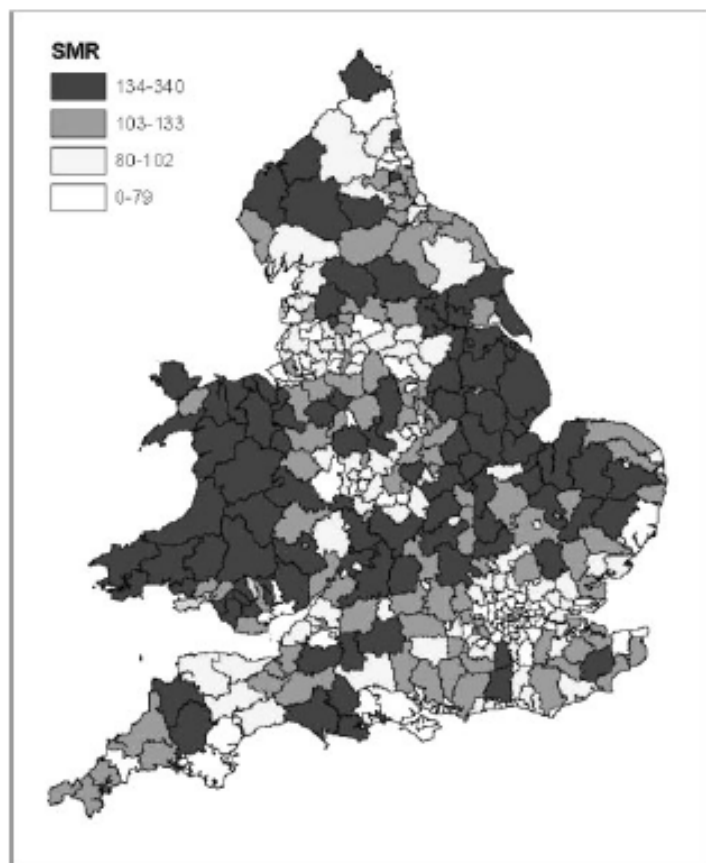


Figure 1 Road traffic accident deaths to residents of local authority districts: SMRs (Source: ONS mortality data 1995–99 and 1998 population estimates).

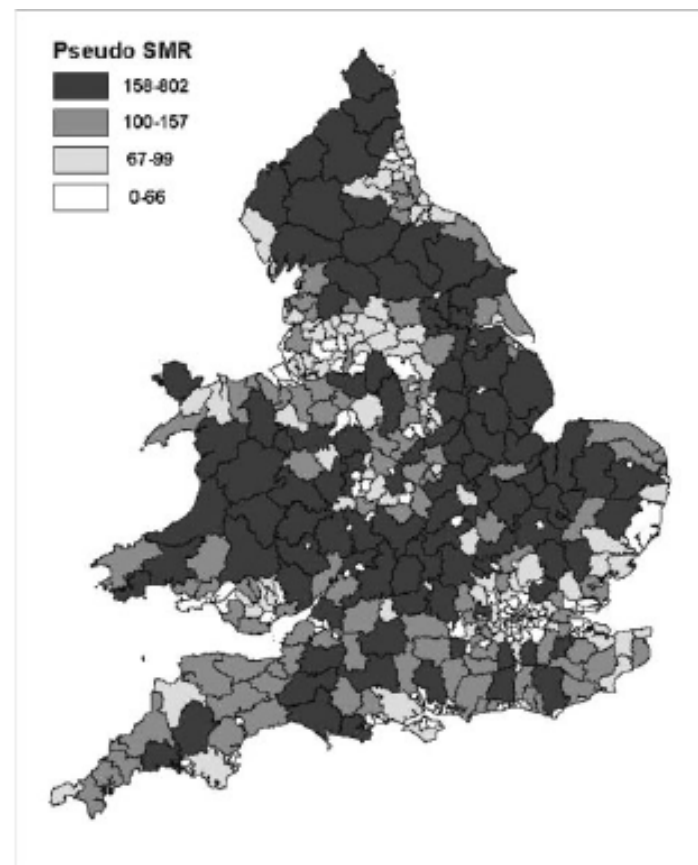


Figure 2 Road traffic accident deaths occurring in local authority districts: Pseudo SMRs (Source: Stats 19 data for 1995–99 and 1998 population estimates).

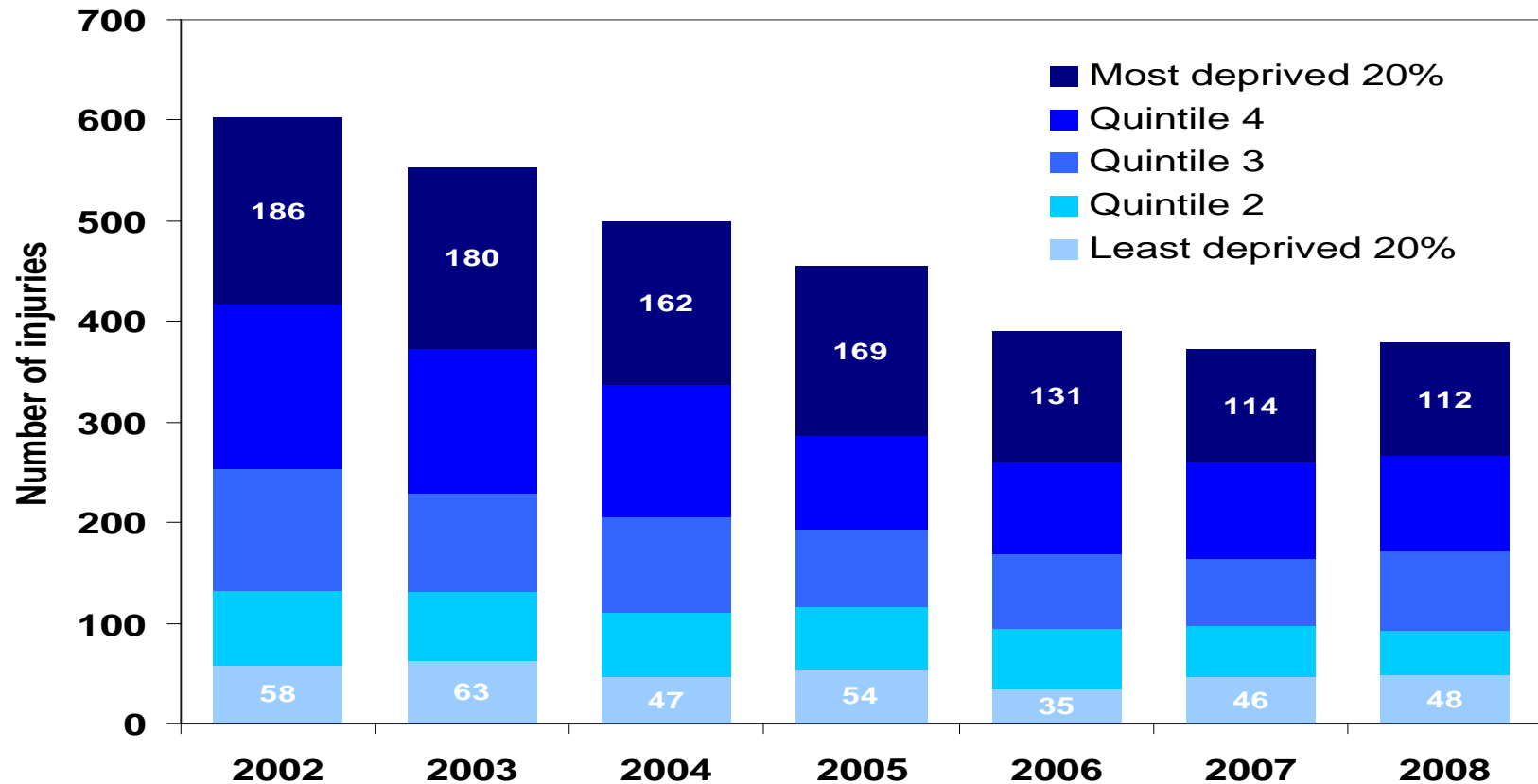
Deprivation and accidents



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Child (aged 0-14) pedestrian injuries from motor vehicle accidents

Source: Stats 19, Department of Transport

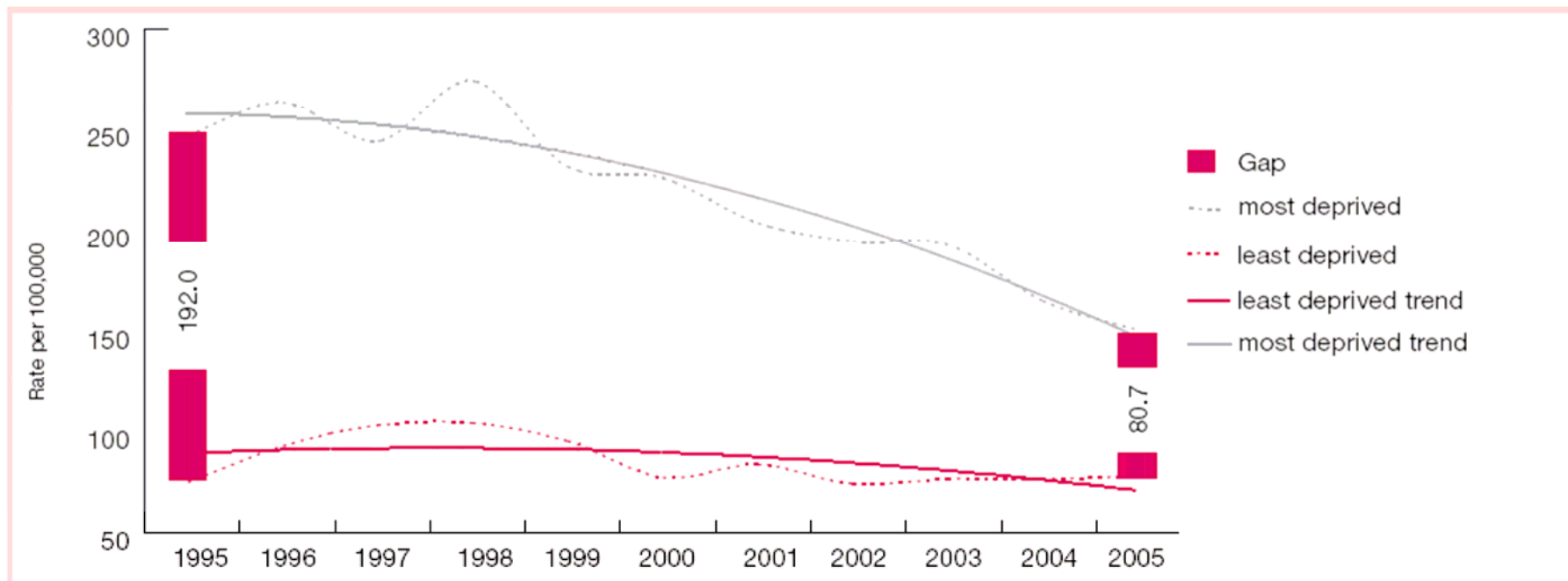


Priorities – Addressing the wider determinants

- Childhood pedestrian injury rates by deprivation fifths.



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Pedestrian injuries, aged 5-14
Ronan Lyons, University of Swansea

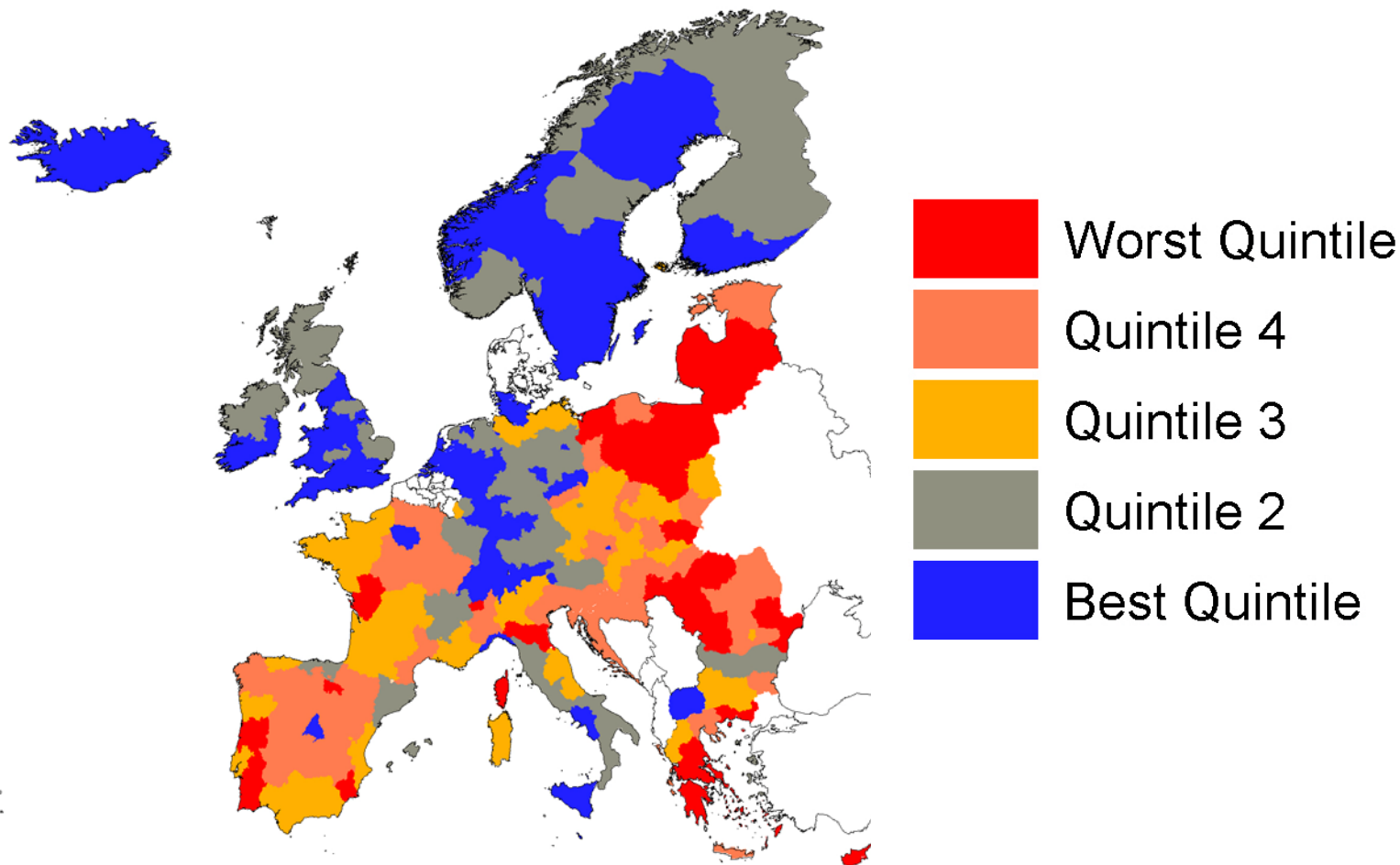
Showing the way



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Mortality from transport accidents, latest available data years (1997 – 2007)

Source: Eurostat





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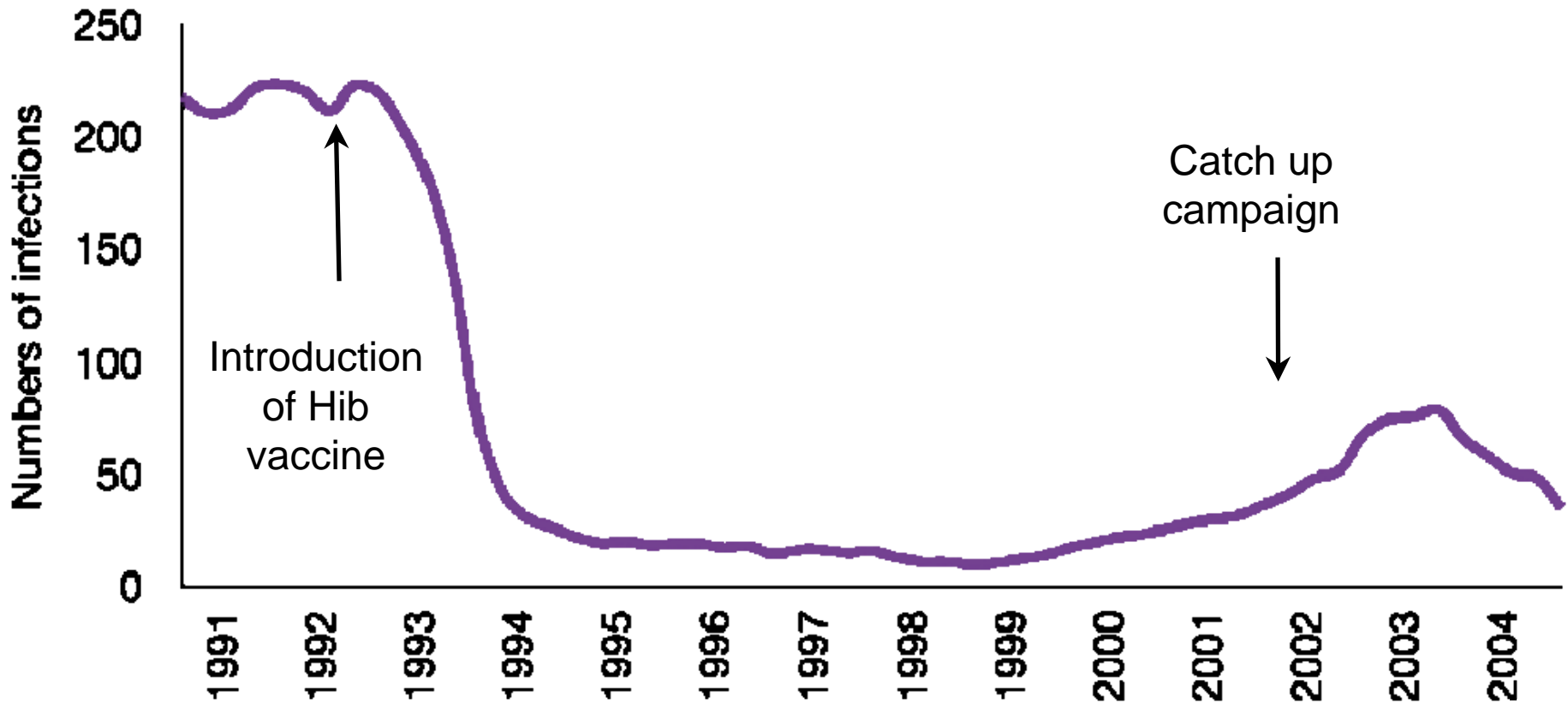
Preventing the preventable

Preventing the preventable



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Laboratory reports of Haemophilus influenzae type b infection by quarter:
England and Wales: 1990 - 2004.
Source: Health Protection Agency



Education



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NATIONAL CYCLING PROFICIENCY CERTIFICATE

Awarded To

STEPHEN MICHAEL FAIRHURST

who has been trained to cycle safely and passed the **NATIONAL CYCLING PROFICIENCY TEST** as approved by the Minister of Transport, the Secretary of State for Scotland and the Minister of Home Affairs, Northern Ireland.

Certificate No. **11679/14**

Date **25.5.66**

The Royal Society for the Prevention of Accidents



Empowerment



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Enforcement



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Engineering



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Ensuring effectiveness

Searching for evidence



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B. C. H. HOUSEOFFICER'S ASSOC.

★ LECTURESHIP SERIES ★

DR. A. I. COCHRANE

DIR. M.R.C. EPIDEMIOLOGICAL
RESEARCH UNIT
CARDIFF, S. WALES

"DOUBLE-BLIND CLINICAL TRIALS—
A NEW APPROACH TO CLINICAL
MEDICINE"

★ MON., NOVEMBER 18 ★

— 5:00 P.M. —

CHEEVER AUDITORIUM
BOSTON CITY HOSPITAL



Growing evidence



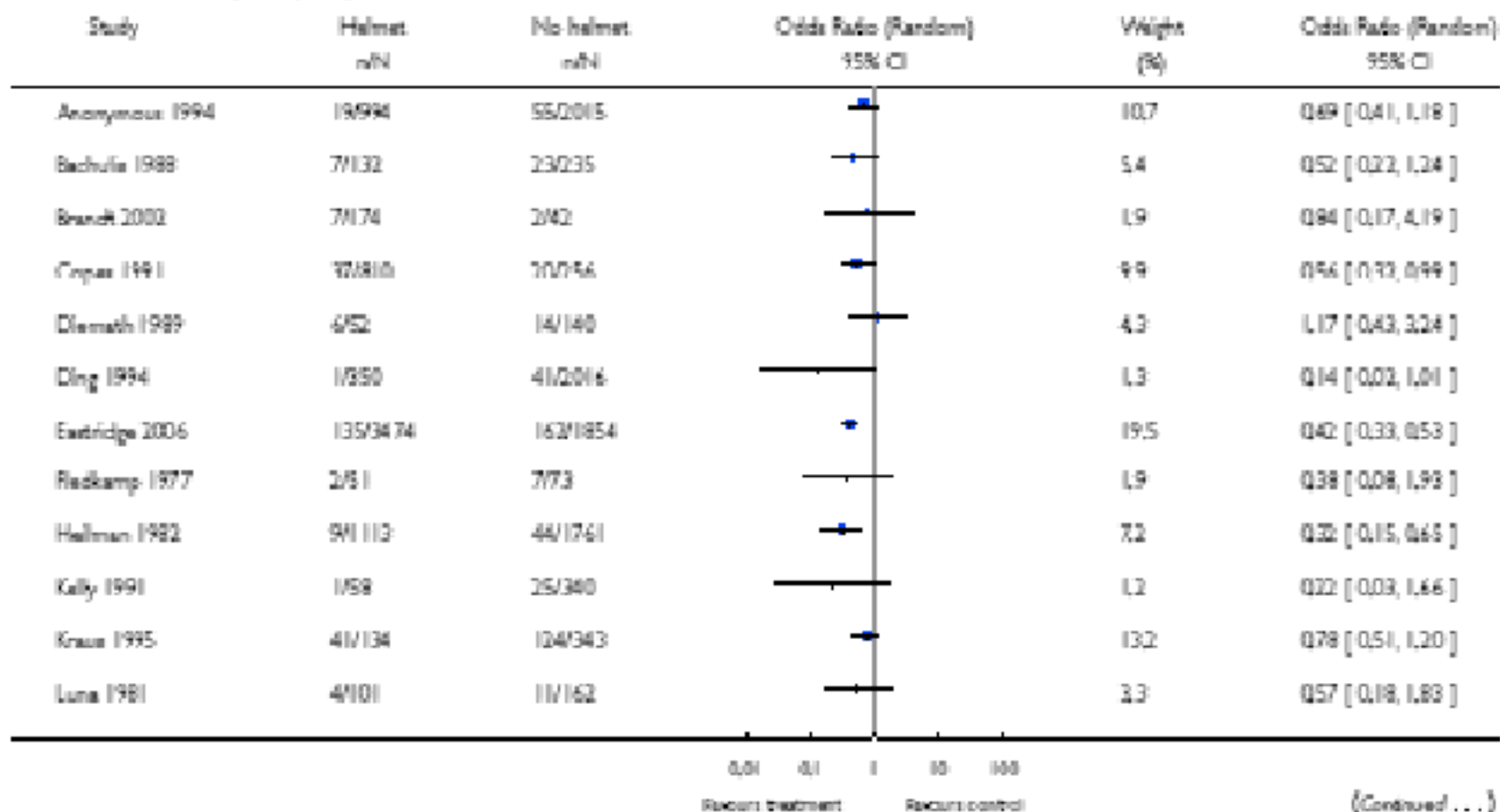
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Analysis 01.02. Comparison 01 Motorcycle helmet versus no helmet, Outcome 02 Death (not adjusted)

Review: Helmets for preventing injury in motorcycle riders

Comparison: 01 Motorcycle helmet versus no helmet

Outcome: 02: Death (not adjusted)



(Continued ...)

Effective interventions



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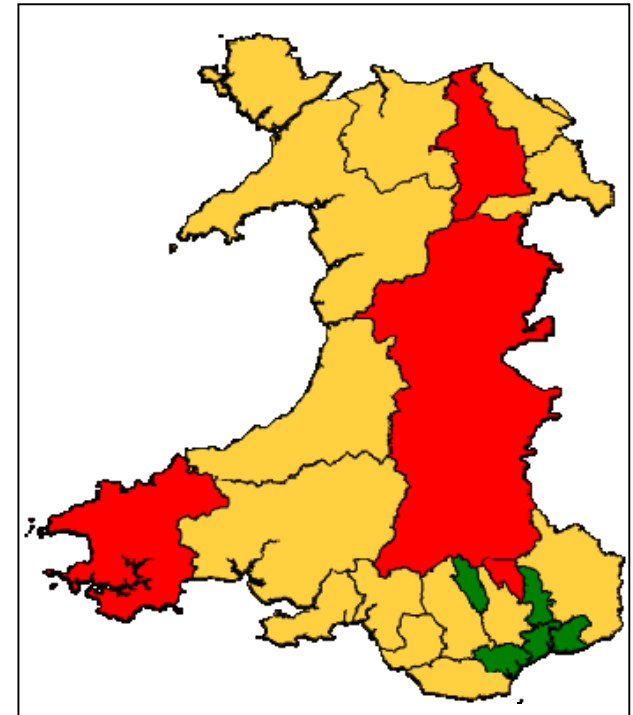
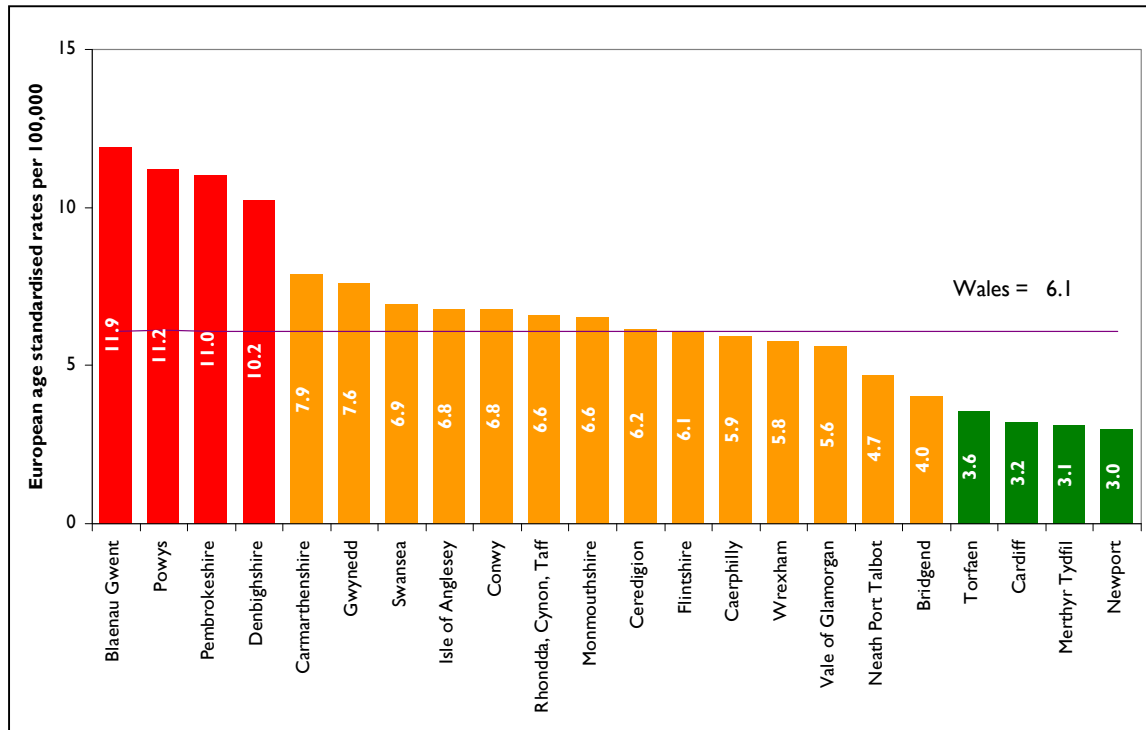
Essential requirements

Access to information and intelligence



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Deaths from transport accidents, 2005-2007: Source HSW



■ Significantly lower than the Welsh average ■ Significantly higher than the Welsh average
■ Not significantly different to the Welsh average

Communication



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Leadership



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Advocacy



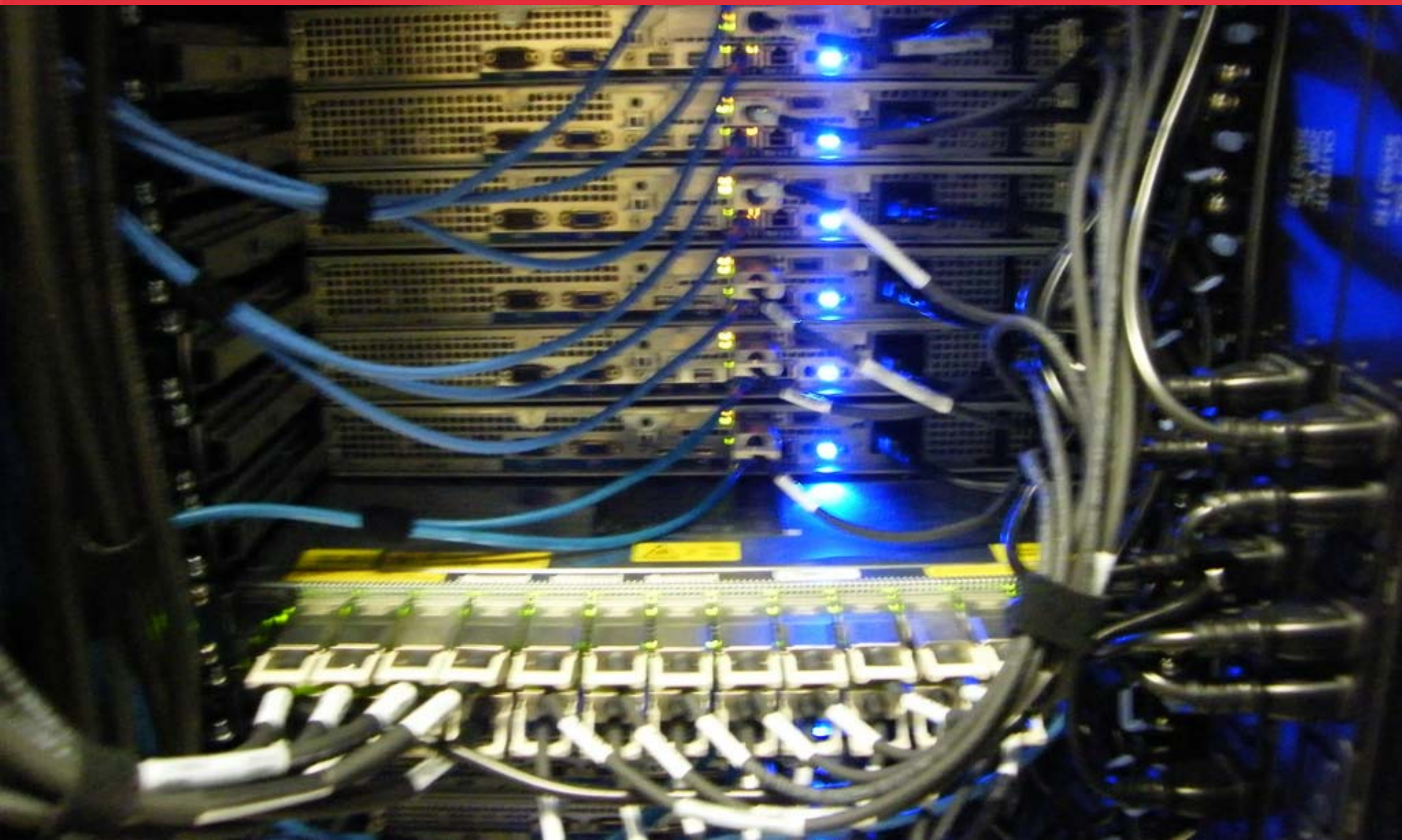
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Developing the evidence base



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Working together



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0845 606 4050

cymru.gov.uk/heriechyd

wales.gov.uk/healthchallenge



Y camau
bach i fywyd
iach

The small
steps to a
healthier you



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**Diolch yn fawr – Thank you
very much**



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