

Smoking in Pregnancy

Policy Context



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

Chris Tudor-Smith

Health Improvement Division

Welsh Government



Harms from smoking remain

In Wales:

- Causes around 5,450 deaths each year in 35 year olds and over
- Major cause of inequality – smoking related deaths 2-3 times higher in most deprived areas
- 20% of all admissions and bed days
- Around £1 million treatment costs per day (7% of healthcare expenditure)
- Nearly 200 fires in homes
- Costs to employers around £80 million

Our Healthy Future

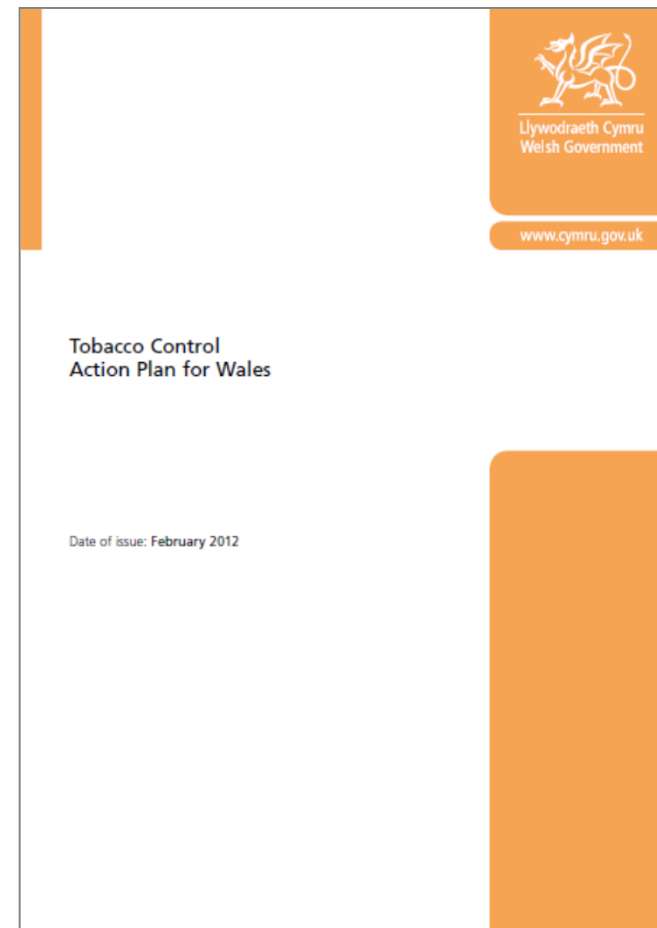


- Reducing inequities in health
- Improving people's mental well-being
- Improving health in the workplace
- **Reducing the level of smoking**
- Increasing physical activity
- Reducing unhealthy eating
- Stopping the growing harm from alcohol and drugs
- Reducing the number of teenage pregnancies
- Reducing the number of accidents and injuries
- Increasing immunisation rates

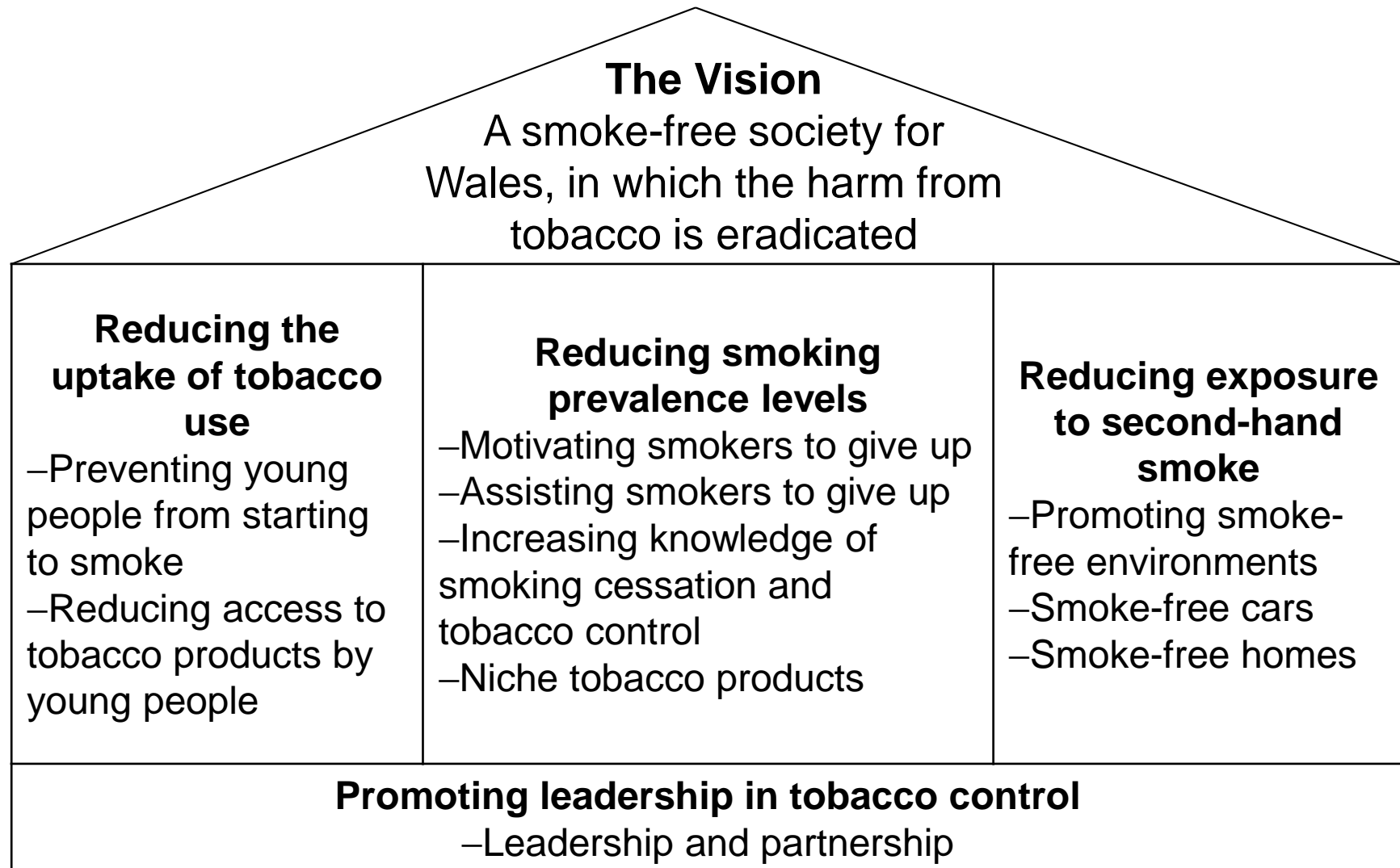
Tobacco Control Action Plan

Vision: a smoke-free society for Wales, in which the harm from tobacco is eradicated.

Aim: to drive down adult smoking prevalence levels in Wales to 20% by 2016 and to 16% by 2020.



Delivering the Vision



Priority area – smoking in pregnancy

Harms include:

- Increased risk of miscarriage and complications in pregnancy and labour
- Increased risk of infant mortality
- Increased risk of low birth weight babies
- Babies more likely to develop middle ear infections, respiratory infections and asthma
- Costs of smoking in pregnancy to the NHS Wales:
 - prior to birth – £0.4-£2.8 million
 - first year of life - £0.5-£1 million



Llywodraeth Cymru
Welsh Government

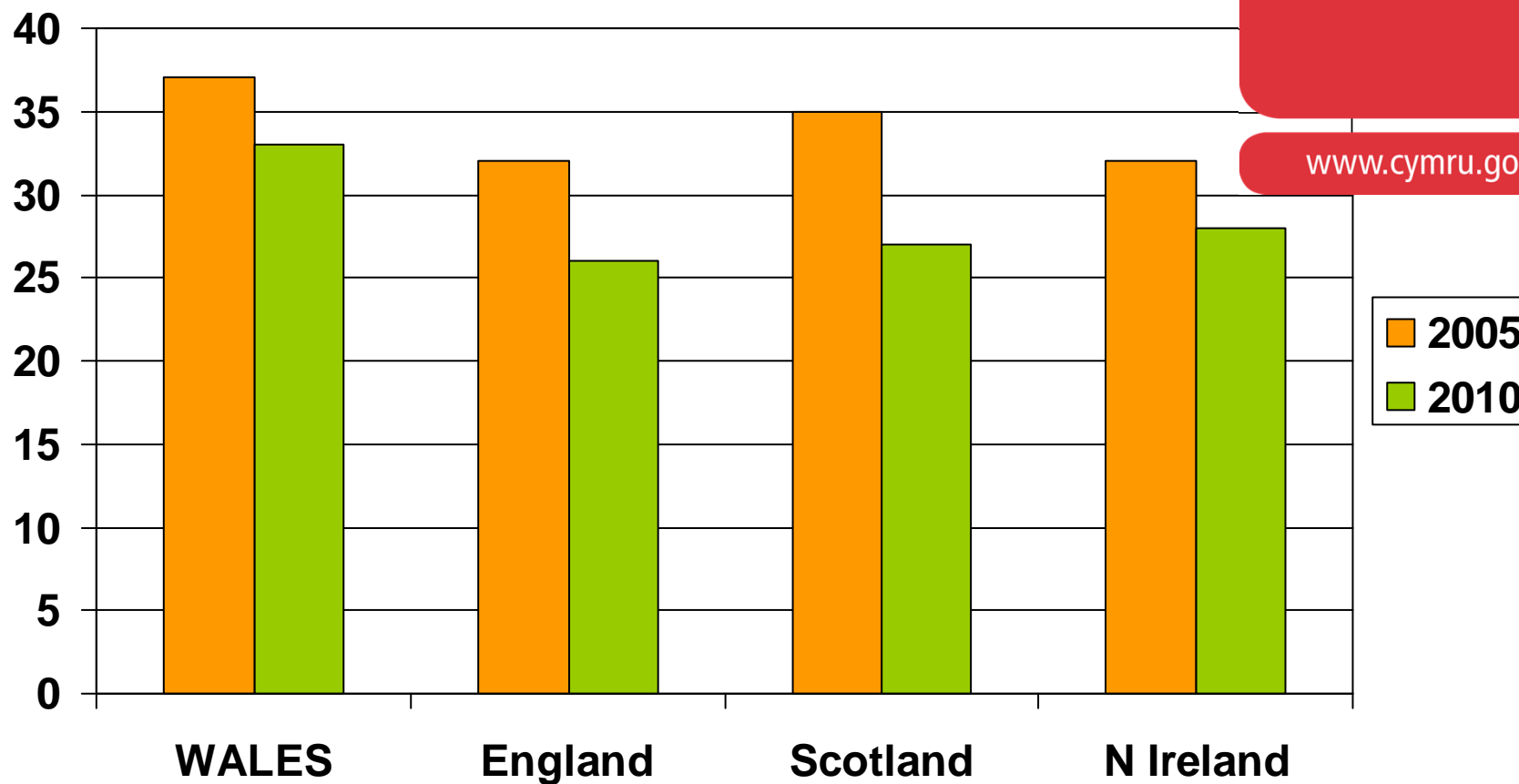
www.cymru.gov.uk

Percentage smoking before or during pregnancy, UK, 2005 and 2010



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk



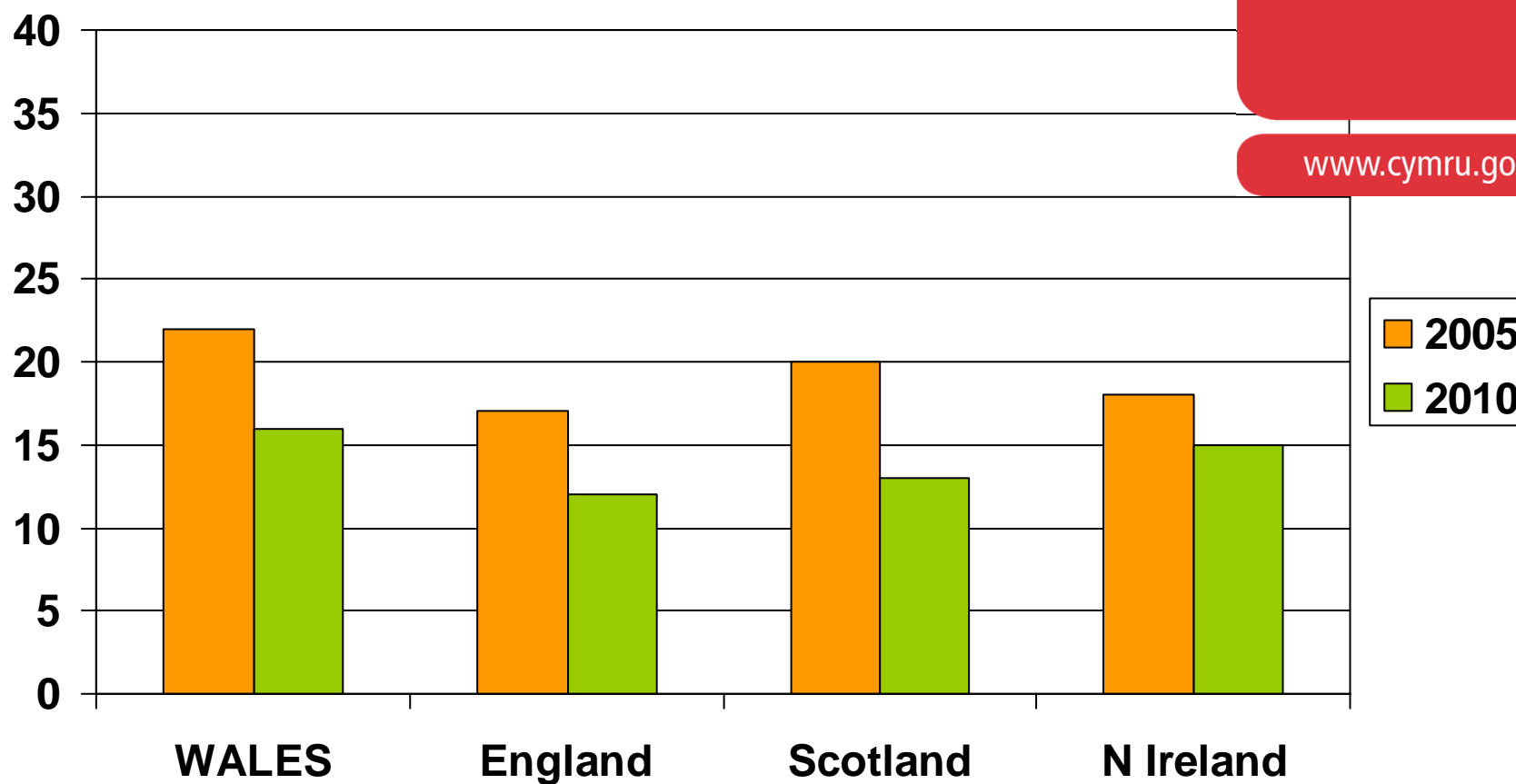
Source: UK Infant feeding Survey

Percentage smoking throughout pregnancy, UK, 2005 and 2010



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk



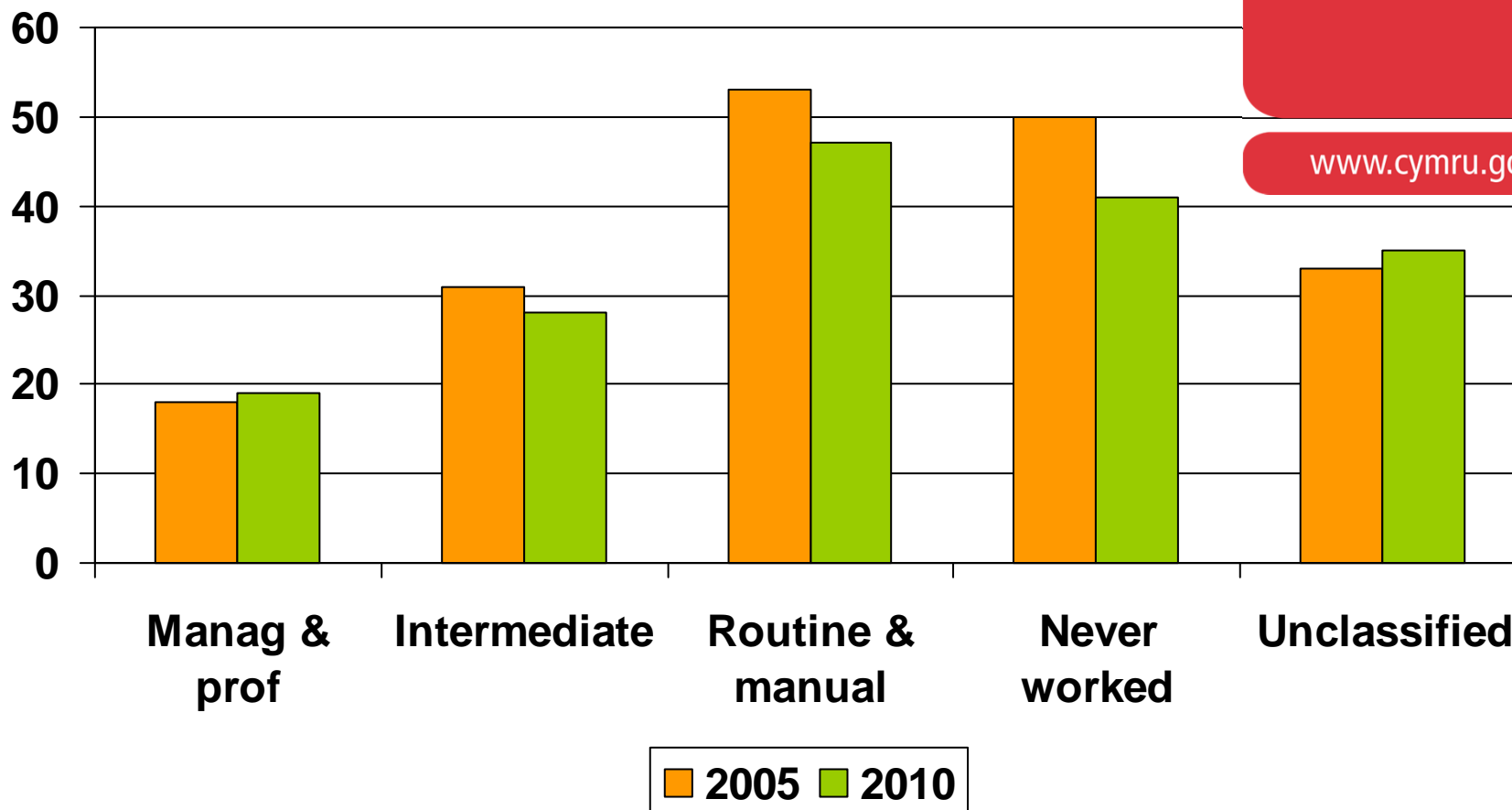
Source: UK Infant feeding Survey

Percentage smoking before or during pregnancy by NS-SEC, Wales, 2005 & 2010



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk



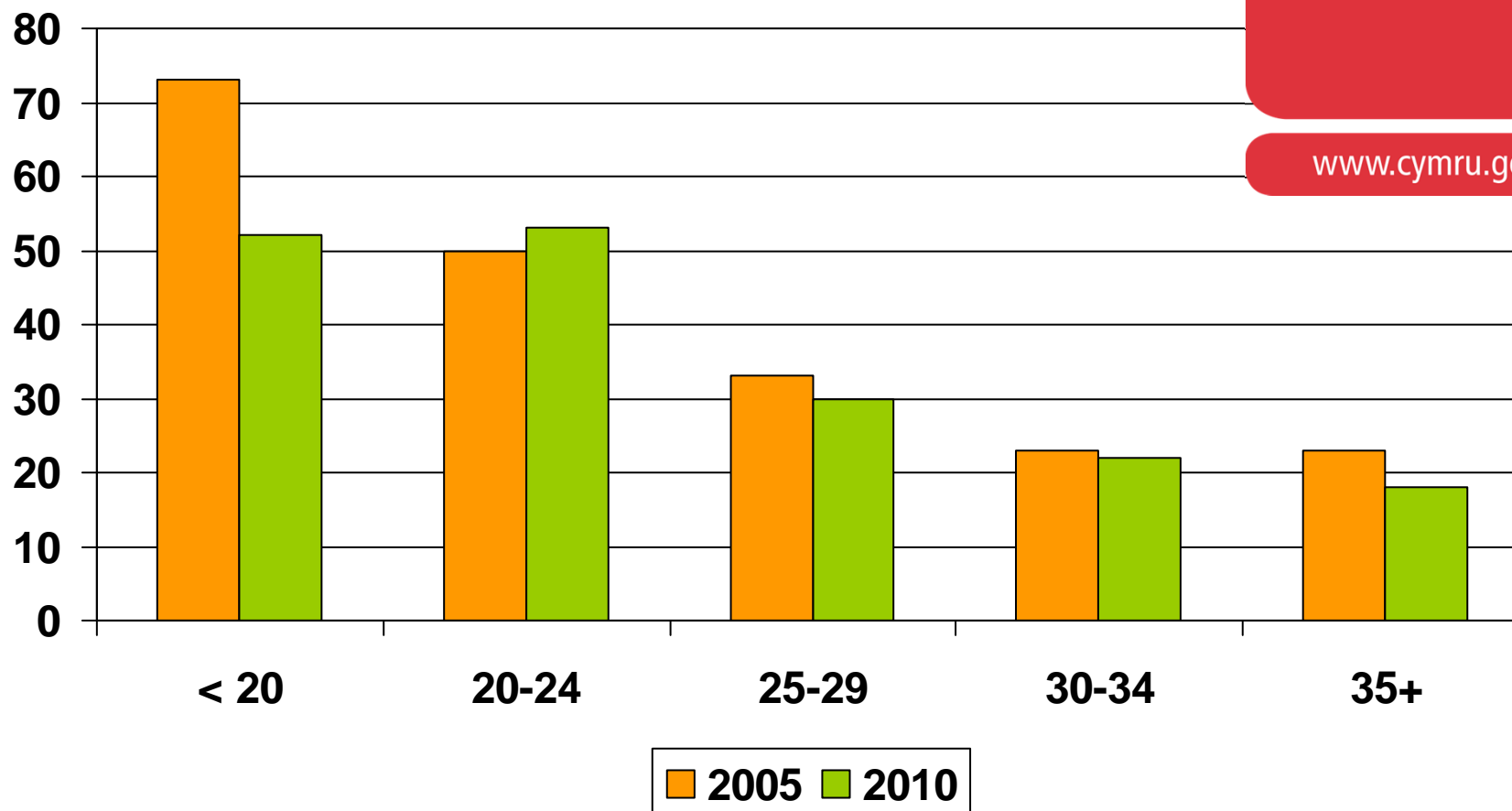
Source: UK Infant feeding Survey

Percentage smoking before or during pregnancy by age-group, Wales, 2005 & 2010



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk



Source: UK Infant feeding Survey

Pilot smoking cessation in pregnancy project, University of Wales Hospital, 1996/7



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

Smoking status of women who reported that they were daily smokers at baseline at each stage of the trial (%)

| Smoking status | Stage of trial | Intervention (N=116) | Control (N=127) |
|-------------------|---------------------|----------------------|-----------------|
| Daily smoker | First follow-up | 93 (108) | 98 (124) |
| | Postnatal follow up | 88 (103) | 98 (124) |
| Occasional smoker | First follow-up | 6 (7) | 1 (2) |
| | Postnatal follow up | 5 (6) | 1 (1) |
| Non-smoker | First follow-up | 1 (6) | 1 (1) |
| | Postnatal follow up | 6 (7) | 1 (2) |

Smoking cessation in pregnancy



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

- Evidence to support intervention from Cochrane Systematic Review and NICE Guidelines
- Potential financial savings to NHS Wales:
 - spending between £13.60 and £37.00 on smoking cessation per pregnant smoker would yield positive savings for the NHS
- Few pregnant women who smoke are referred to Stop Smoking Wales

Actions in the Tobacco Control Action Plan



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

- Public Health Wales will work with Local Health Boards to further strengthen referral pathways between maternity units and Stop Smoking Wales to increase pregnant smokers' access to smoking cessation and to ensure that recommendations contained in NICE guidance on Quitting Smoking in Pregnancy and Following Childbirth (NICE 2010) are implemented (Action 3.8).
- Public Health Wales will also work with Local Health Boards and NHS Wales Informatics Service (NWIS) to improve data collection on smoking rates in pregnancy as part of routine maternal and child health record systems (Action 3.9).

In Conclusion



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

‘Our manifesto committed us to take tough action to tackle the harm caused by tobacco and its effects on children’

First Minister



Llywodraeth Cymru
Welsh Government

www.cymru.gov.uk

Thank you very much

Diolch yn fawr iawn