Addressing Alcohol **Misuse in Wales**



Alcohol remains a major threat to public health in Wales







11-16 years of age drink at least once a week - more the recommended guidelines¹ than in Scotland, Ireland and England



Alcohol consumption has increased

Alcohol remains a major cause of death and ill health with high costs to the individual, the health system, the society and economy in Wales





more than **200** types of chronic disease, accidents and **injuries**



1,500 deaths per year = 1 in 20 of all deaths





Cost to overall economy



Heavy drinking increases the risk of unemployment and absences from work



800,000 working days per year **lost** due to absences



1 million working days lost due to job loss or reduced employment opportunities

Cost to NHS Wales £70 – £73 million in 2008/09 £35 - £37 million

emergency department attendances in 2008/09

1 Accurate as per latest data collection 2015 (Welsh Health Survey 2016) using 1995 alcohol guidelines (proposed new guidelines in 2016). Measured as men drinking more than 4 units and women drinking more than 3 units on at least one day in the past week.



1 "Best buys" recommended by WHO with compelling evidence of cost-effectiveness, feasibility, low-cost and appropriate to implement within the constraints of the local health system. 2 Based on 2014 prices









E-cigarette use by young people: in 2013/14 **2%** of young people reported regularly smoking an e-cigarette.

E Cost to overall economy¹ **£791 million** per year including costs related to health care, sickness absence, second hand smoke, premature death and fires

The World Health Organisation recognised the following as cost effective





protecting people from tobacco smoke

warning about dangers of tobacco



better control of advertising



increase price



offer counselling to smokers



1 There is considerable variation in outcomes depending on the intervention and stop smoking medicine

Increasing Physical Activity Levels in Wales







1 Physical activity guidelines recommend that adults should do at least 150 minutes of moderate activity during the week 2 2002 data

'Best buys' to increase physical activity include¹



1 "Best buys" recommended by WHO with compelling evidence of cost-effectiveness, feasibility, low-cost and appropriate to implement within the constraints of the local health system.

Addressing Health Inequalities in Wales









Death rates due to smoking are $\mathbf{X2}$ higher in deprived areas

Addressing Health Inequalities in Wales



Preventing ill health across the population is generally more effective at reducing health inequalities than a focus on clinical interventions



Legislation

Wales 2007 Smoke free legislation resulted in fall in the reported exposure to second hand smoke in adults from





Taxation Smoking is one of the major causes of health inequalities

10% = **2.5%** to **5%** fewer cigarettes smoked



Minimum unit pricing (MUP) for alcohol

Alcohol causes the greatest harm to the most disadvantaged



MUP reduces harmful alcohol consumption in those with the lowest income by **6%**





Tackling the causes of social and economic inequalities that drive inequalities in health are likely to be most effective



Ensure a living wage A living wage is associated with living longer and dying less, better mental health and drinking less



Reduce unemployment

Almost a quarter (20-25%) of the deaths among unemployed people over 10 years could be prevented if these were employed



Improve physical environment

The traffic congestion charge in London resulted in a 9% reduction in hospitalisations for a lung condition

Addressing cold and damp housing could save the Welsh NHS £35 million

Invest in early years

Targeted interventions + universal childcare and paid parental leave, could address £72 billion costs of social problems due to crime, mental ill health, family breakdown, drug abuse and obesity



Universal services

Providing accessible services to all whilst investing in additional support for the vulnerable groups

Investing in Early Years for a Sustainable Future in Wales

Verbal

abuse

Physical

abuse

Sexual

abuse

nearly

of current

adult smoking

Parental

separation

Domestic

violence

are associated with

over

teenage

pregnancies



Parental /family

Drug use

more than

of the violence

and drugs use

Incarceration

Alcohol

abuse

Mental

illness

Early childhood experiences, including before birth, can have a lifelong impact





Tackling Obesity and Unhealthy Diet in Wales



Only a minority of Welsh adults eat the recommended

The majority of Welsh adults and a large proportion of children are overweight¹ or obese²

Overweight and obesity is related to social disadvantage



Overweight and obesity can lead to long term conditions, can significantly reduce life-expectancy and has costs to the health system and the economy



1 In adults BMI 25 to <30kg/m2; In children 85th centile to <95th centile 2 In adults BMI 30kg/m2 and over; In children 95th centile or above 3 At least 5 portions of fruit and vegetables each day

4 In total, by 2035 5 In today's prices

Obesity and Unhealthy Diet in Wales

A healthy diet and physical activity¹ both help in maintaining a healthy weight.

"Best buys"² to reduce levels of unhealthy diet include



- 1 See "Increasing Physical Activity Levels in Wales"
- 2 "Best buys" recommended by WHO for nutrition with compelling evidence of cost-effectiveness, feasibility, low-cost and appropriate to implement within the constraints of the local health system.

Tackling Violence and Abuse in Wales





Tackling Violence and Abuse in Wales

Interventions to reduce violence and abuse include



Interventions for children and young people

Preventing Adverse Childhood Experiences

and improving resilience and protective factors could:



Reduce violence perpetration in adults by 60%



SCHOOL

Reduce violence victimisation in adults by 57%

School based

interventions

to reduce bullying



£1 invested in anti-bullying interventions in schools can return £15



In Cardiff: Associated with a **reduction in** hospital admissions for violence





Interventions for domestic violence and abuse and violence against women

Implementing national guidance on Domestic Violence and Abuse



on longer-term costs of treating and supporting someone with post-traumatic stress disorder as a result of violence and abuse

A primary care programme to identify domestic violence and abuse has societal

> savings of £37 per year

per woman registered with the practice

Improving Mental **Health in Wales**





health conditions



Cardiovascular disease accounts for 16.2% of years lost



behaviours

	% who smoke	% obese
Schizophrenia	61%	33%
Bipolar disorder	46%	30%



more likely to **develop poor** physical health (eq diabetes, stroke)



more likely to die 15-20 years **younger** than the general population Mental ill health is a significant cost to health and society



Cost to NHS Wales

Cost of treatment per person with depression



Mental health accounts for only **12.2%** of public expenditure on all health and social care in Wales

The Solutions

per year

Improving Mental Health in Wales

'Best buys' to prevent mental ill health and improve mental well-being are likely to include¹



Supporting parents and children

For example parenting skills training, pre-school education, home learning environment



Reduce conduct disorder through:

- Investing £1 in parenting programmes to prevent conduct disorder returns £8 over six years

- Investing in school based social and emotional learning costs £132 per pupil per year and can save the health sector £39 in the first year, rising to £751 by the fifth year

- Investing £1 in anti-bullying interventions in schools can return £15



Supporting lifelong learning For example, health promoting schools and continuing education.



Improving working lives Promoting wellbeing in the workplace Cost: £40,000 Savings: £340,000 within 1 year to a business of 500 employees



Positive steps for mental health

For example, promoting healthy lifestyles such as diet, exercise. Promoting positive mental wellbeing programmes for everyone born in Wales in a single year would cost approximately £20 million, with **potential benefits of £1,113.75 million**



Supporting communities

For example increase access to green spaces, and provide community facilities to bring people together

1 "Best buys" recommended by WHO with compelling evidence of cost-effectiveness, feasibility, low-cost and appropriate to implement within the constraints of the local health system. *based on data for the UK