

Chapter 6: Lifestyles CONTENTS

This chapter of the 2019 JSNA presents data on lifestyle factors that affect health and wellbeing, such as healthy weight and physical activity, smoking and alcohol, and sexual and reproductive health.

For some topics it may be useful to refer to other JSNA chapters. For example, for healthy weight and physical activity, it may be useful to look at the *Physical and Social Environment* section of <u>Chapter 4: Wider Determinants of Health</u>. For other topics in this chapter it may be useful to look at the *Health Support and Preventing Ill-health* section of <u>Chapter 7:</u> Service Use.

Summary

Smoking prevalence

Alcohol-related hospital admissions

Drug use and drug-related deaths

Adult overweight and obesity

Adult physical activity

Child overweight and obesity

Child physical activity

Breastfeeding and low birth weight

Oral Health

Sexually transmitted infections

Teenage conceptions

Volunteering

Annex: Finding out more

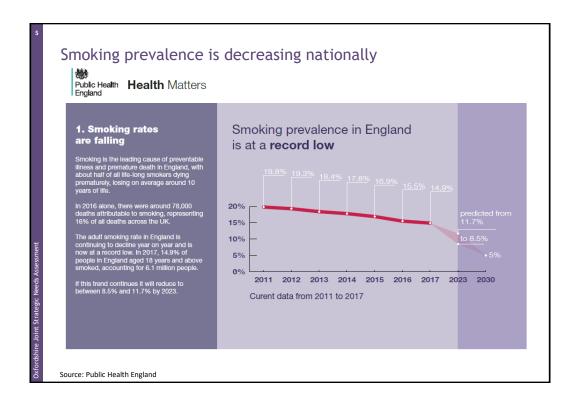
Chapter 6: Lifestyles SUMMARY

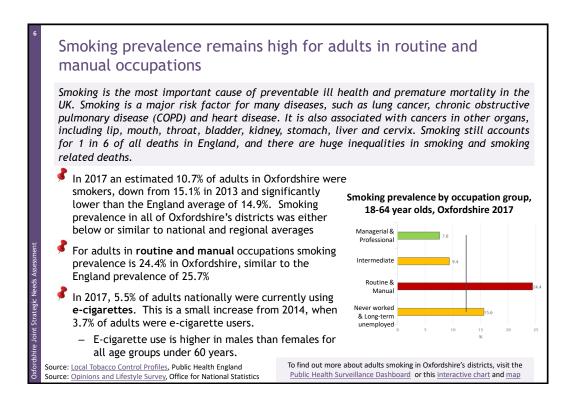
- Smoking prevalence in Oxfordshire is lower than the England average and is decreasing, but prevalence remains high for adults in routine and manual occupation groups
- Alcohol-related hospital admissions in Oxfordshire adults were significantly lower than in England overall for males in all age groups, and females over age 40. Admissions for females under 40 were similar to England overall. Alcohol-specific admissions in under 18s were higher than national and regional averages
- The rate of <u>deaths from drug misuse</u> remains below the national and regional averages
- Over half of adults in Oxfordshire are <u>overweight</u> <u>or obese</u>, and three in ten adults are not meeting physical activity guidelines
- Similar to previous years, excess weight in children has remained high. One in five children in Reception, and one in three children in Year 6 was overweight or obese.

- Children's <u>participation in sport and</u>
 <u>physical activity</u> is declining nationally, and
 most children in Oxfordshire are not
 meeting the daily physical activity
 guidelines
- The percentage of babies with Low birth
 Weight
 in Oxfordshire remains lower than national levels, and brevalence
 stays high in the county, well above national levels
- <u>Dental decay</u> in 5 year olds is decreasing in the county, but one in five children is still affected
- New diagnoses of <u>sexually transmitted</u> <u>infections</u> have continued to decrease in Oxfordshire, and the rate is now similar to the South East average
- The rate of <u>teenage conceptions</u> in Oxfordshire is significantly lower than the national average and is decreasing broadly in line with national and regional trends

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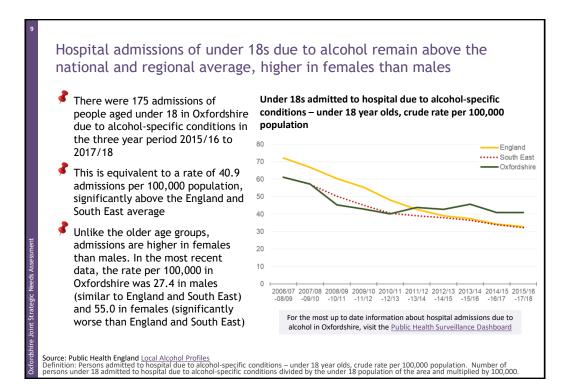
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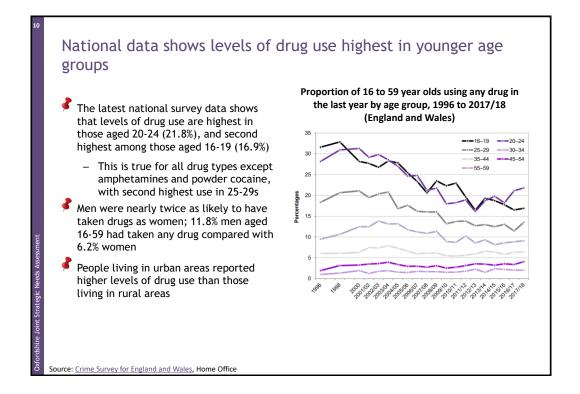


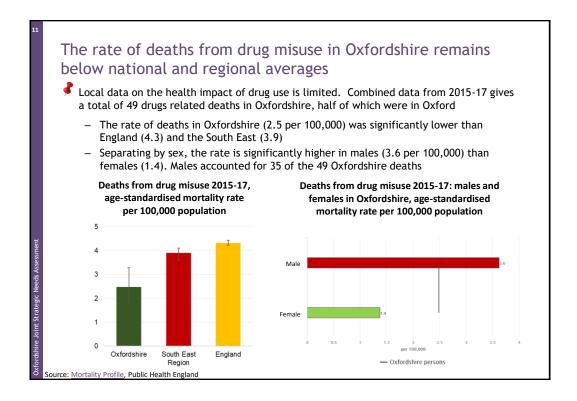


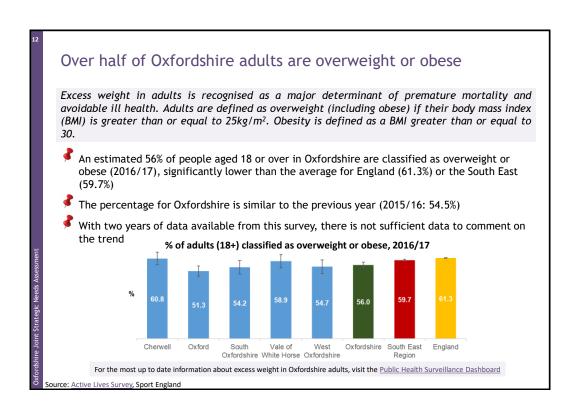
National data show a decline in children smoking Smoking remains an addiction which is largely taken up in Smoking in pregnancy childhood, with the majority of smokers starting as teenagers. increases the risk of Analysis of Health Survey for England has shown that 77% of miscarriage, complications smokers aged 16 to 24 in 2014 began smoking before the age of 18. during pregnancy, low birth weight, congenital Health Survey for England data for 2017 shows a national defects, stillbirth, or decline in proportion of children smoking. The proportion of death within the first children aged 8 to 15 who had ever smoked has decreased week of life. overall, from 18% of boys and 20% of girls in 1997 to 5% of boys The latest data and 4% of girls in 2017. Levels have been similar since 2013. (2017/18) shows that Proportion of children aged 8-15 who have ever smoked, 1997-2017 smoking prevalence at time of delivery in Age 8-10 — Age 11-12 — Age 13-15 — All Children Oxfordshire is 7.8%. 40 This remains lower than England (10.8%) 30 but indicates there were over 510 women smoking throughout 10 pregnancy that year. 0 Source: Tobacco Control Plan for England, DHSC Source: Health Survey for England 2017, NHS Digital Source: Local Tobacco Control Profiles, Public Health England

Admission episodes for alcohol-related conditions, Alcohol-related hospital directly standardised rate per 100,000 people, Oxfordshire males and females by age admissions Females Alcohol consumption is a contributing factor -40-64 vrs to hospital admissions and deaths from a diverse range of conditions. Alcohol misuse is estimated to cost the NHS about £3.5 billion 600 per year and society as a whole £21 billion 400 annually. 0 Overall males continue to have higher rates than females for alcohol-related 20, admission episodes 65+ vrs Males 1400 Between 2016/17 and 2017/18, <40 vrs admissions in under 40s have decreased 1200 1000 for both males and females; admissions in 800 Oxfordshire are now significantly lower than England in all age groups for both 600 400 males and females 200 For the most up to date information about hospital admissions due to alcohol in Oxfordshire, visit the Public Health Surveillance <u>Dashboard</u>. Admissions also vary by ward; for more information on this, visit the Oxfordshire $\,\underline{\mbox{Health Inequalities Basket of Indicators}}.$ Source: Public Health England Local Alcohol Profiles Definition: Admissions to hospital where the primary diagnosis is an alcohol-attributable code or a secondary diagnosis is an alcohol-attributable external cause code.









7 out of 10 Oxfordshire adults get enough physical activity

UK physical activity guidelines for adults (age 19-64 years) recommend at least 150 minutes (2½ hours) of moderate intensity activity in bouts of 10 minutes or more. Alternatively, comparable benefits can be achieved through 75 minutes of vigorous intensity activity spread across the week or combinations of moderate and vigorous intensity activity. Adults should also undertake physical activity to improve muscle strength on at least two days a week. All adults should minimise the amount of time spent being sedentary (sitting) for extended periods.

A slightly higher percentage of Oxfordshire adults meets the physical activity guideline than national and regional figures, but three in ten do not. Trends are not yet available for this data.

% of adults (19+) meeting physical activity recommendations, 2016/17

The physical activity recommendations activity recommendations, 2016/17

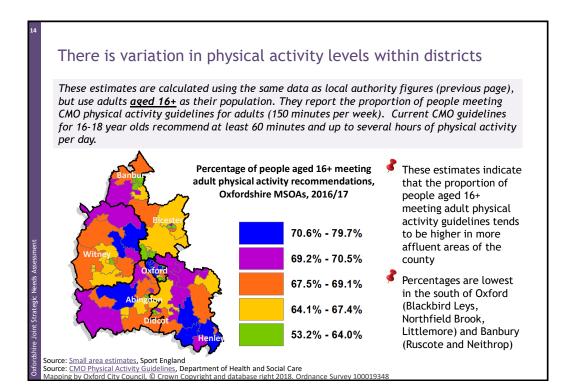
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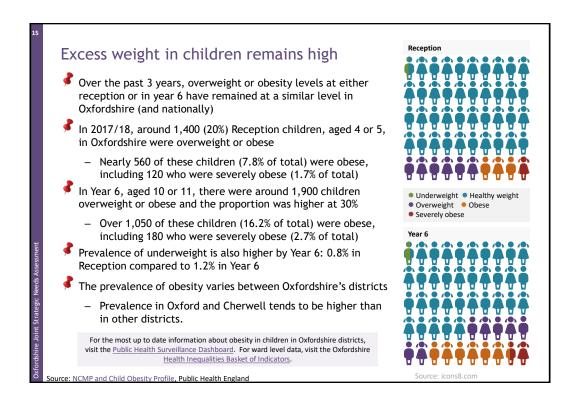
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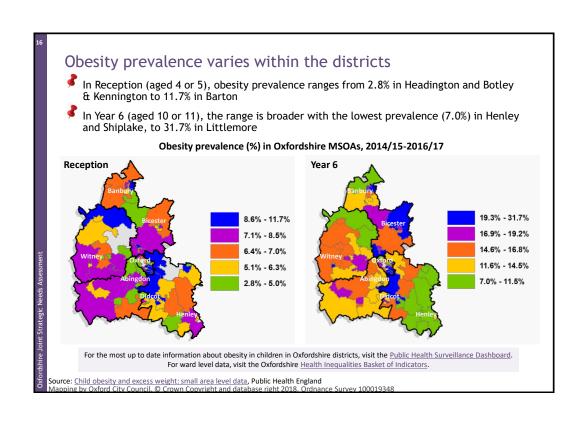
Nationally, the data show that participation in physical activity decreases with age, deprivation, unemployment or economic inactivity, and disability. White and mixed ethnic groups had higher proportions of active adults than Asian, Black and Chinese groups. A higher percentage of males were physically active than females.

Source: CMO Physical Activity Guidelines, Department of Health and Social Care Source: Physical Activity Profile, Public Health England

For more information about physical activity and inactivity in Oxfordshire adults, visit the Public Health Surveillance Dashboard Note: Individual physical and mental capabilities should be considered when interpreting the guidelines. <u>Separate guidelines</u> are available for older adults (65+), disabled adults and pregnant women.



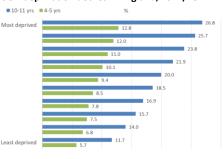




The burden of obesity falls hardest on children from more deprived areas

- The Marmot review highlights that income, social deprivation and ethnicity have an important impact on the likelihood of becoming obese
- Data at national level shows that in both Reception and Year 6, obesity prevalence is considerably higher in children from more deprived areas
- National data have also shown that obesity prevalence varies by ethnic group, independent of deprivation. In Reception, obesity prevalence is higher in children from Black, Pakistani and Bangladeshi ethnic groups than White, Chinese and Indian groups. In Year 6, disparities are greater in than in Reception and prevalence in White British, White and Asian, and Chinese groups ethnic disparities in obesity prevalence is significantly lower than almost all other ethnic groups

Prevalence of obesity in Reception and Year 6 by LSOA deprivation deciles in England, 2017/18



Obesity is a complex problem with many drivers, including behaviour, environment, genetics and culture. To find out more about environmental factors, visit JSNA Chapter 4: Wider Determinants of Health.

Source: NCMP and Child Obesity Profile, Public Health England Source: Differences in child obesity by ethnic group, Public Health England Source: Health Matters: Obesity and the food environment, Public Health England

National data shows a decline in physical activity by boys

UK physical activity guidelines for children and young people aged 5-18 recommend moderate to vigorous intensity physical activity for at least 60 minutes and up to several hours every day. Vigorous intensity activities, including those that strengthen muscle and bone, should be incorporated at least three days a week. Separate guidelines are available for babies and children (birth-5 years).

- According to the 2015 Health survey for England, excluding school-based activities, 22% of children aged 5 to 15 met the physical activity guidelines of being at least moderately active for a minimum of 60 minutes every day.
- There has been a decline in the proportion of boys meeting physical activity recommendations.
 - Among boys, there was a decrease in the proportion meeting physical activity recommendations between 2008 and 2012, falling from 28% in 2008 to 21% in 2012. It has remained at the lower level in 2015, at 23%.
 - Among girls there has been no statistically significant change in the proportion meeting physical activity recommendations over the period, with 19% in 2008 and 20% in 2015

Source: CMO Physical Activity Guidelines, Department of Health and Social Care Source: Health Survey for England 2017, NHS Digital

Low birth weight

Low birth weight increases the risk of childhood mortality and has an influence on future adult health status. Risk factors for low birth weight include the health of the mother, particularly during the pregnancy including maternal smoking, substance misuse, nutritional status and maternal weight. Ethnicity, genetics, socioeconomic status, age and multiple pregnancy are also factors.

In Oxfordshire, 2.2% of live births at full term (at least 37 weeks gestational age) had a recorded birth weight under 2500g. This is similar to the regional average (2.3%) and significantly lower than the national average (2.8%)

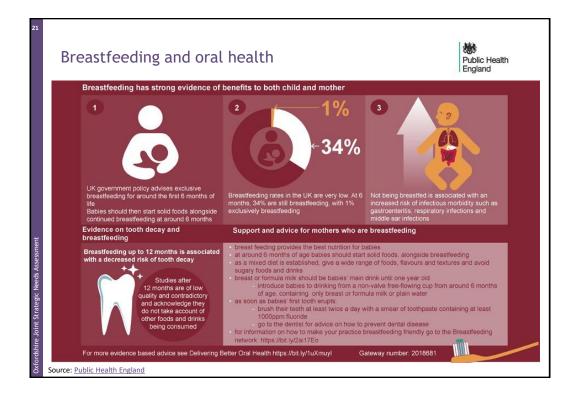
Breastfeeding

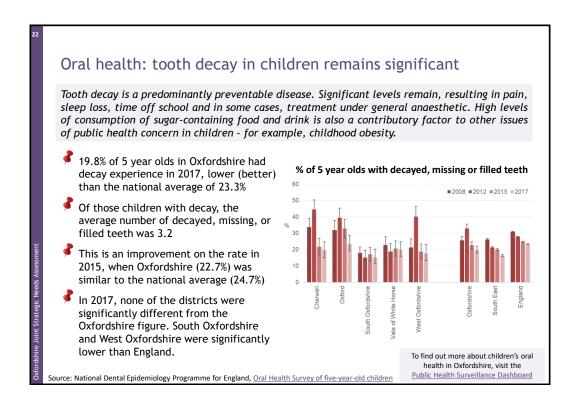
Breast milk provides the ideal nutrition for infants in the first stages of life. There is evidence that babies who are breast fed experience lower levels of infection and child obesity, as well as encouraging a strong bond between mother and baby.

- Breastfeeding initiation within 48 hours of delivery is recorded in hospital, and is recorded again at the Health Visitor check at 6-8 weeks after delivery
- In 2015/16, 82.5% Oxfordshire mothers initiated breastfeeding. More recent data were not published due to data quality issues.
- In 2017/18, prevalence of breastfeeding at 6-8 weeks in Oxfordshire was 61%, significantly higher than the prevalence in England overall (43%)

For more information about low birth weight and breastfeeding in Oxfordshire's districts, visit the <u>Public Health Surveillance Dashboard</u>; to find out more about births, population and demography in Oxfordshire, visit <u>ISNA Chapter 2: Population overview</u>

Source: Child and Maternal Health Profile, Public Health England





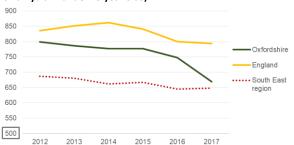
Sexually Transmitted Infections: new diagnoses are decreasing

In 2017, the rate of new STI diagnoses (excluding chlamydia in under 25s) in Oxfordshire was 669 diagnoses per 100,000 people aged 15-64 - significantly lower than the England average, and similar to the rate in the South East region

Oxfordshire's rate has decreased between 2012 and 2017. It has consistently been significantly below the England average in this period

Oxfordshire's rate is equivalent to approximately 2,900 new diagnoses in 2017. The number of diagnoses is related to the number of tests taken - in the same year, 67,751 tests were taken by people living in Oxfordshire

New STI diagnoses per 100,000 people aged 15-64 (excluding chlamydia in under 25 year olds)



Chlamydia diagnoses in 15-24 year olds are measured separately. In 2017, the rate of these diagnoses was 1,312 per 100,000 in Oxfordshire, significantly lower than the South East (1,510) and England (1,882) rates. This may be influenced by the uptake of chlamydia screening.

For more information about sexual and reproductive health in Oxfordshire, visit: Public Health Surveillance Dashboard, JSNA Bitesize on Sexual Health, Sexual Health Needs Assessment for Oxfordshire

Source: Sexual and Reproductive Health Profile, Public Health England

Teenage conceptions continue to decrease

- The rate of teenage conceptions in Oxfordshire is significantly lower than the national average and is decreasing broadly in line with national and regional trends
- Teenage conceptions has been declining since the early 2000s, particularly in Oxford city
- In 2016/17, 0.4% births were to mothers aged under 18.

Number and rate (per 1,000) of conceptions to women aged under 18 years

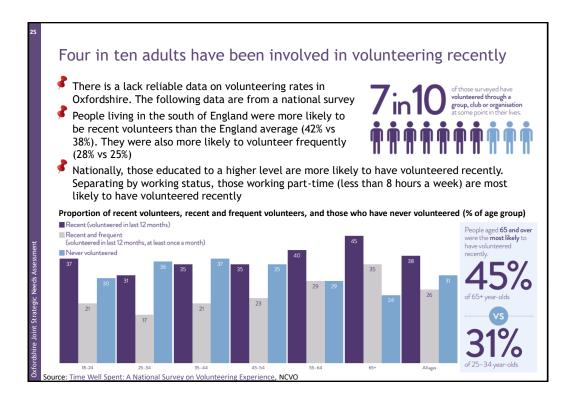
	2015		2016		
	Number	Rate	Number	Rate	Change
Cherwell	37	13.9	34	12.9	↓
Oxford	38	17.4	25	11.5	↓
South Oxfordshire	29	12.2	25	10.2	↓
Vale of White Horse	20	9.3	27	12.5	1
West Oxfordshire	24	13.0	20	10.8	↓
Oxfordshire	148	13.2	131	11.6	Ψ
South East Region		17.1		15.0	↓
England		20.8		18.8	→

This indicator measures all conceptions in females under 18 years of age whether the pregnancy ends in birth or termination

Source: Sexual and Reproductive Health Profile, Public Health England

For more information about trends in conceptions rates, visit this article from the ONS or the Public Health Surveillance Dashboard

Cordehire Joint Strategic Needs Assessmen



Annex: Finding out more

- More information on many of these topics is available from Oxfordshire's Public Health Surveillance Dashboard
- Ward level data are available from the Inequalities Indicators Packs 2018 (PowerPoint and Excel)
- For some topics it may be useful to refer to other JSNA chapters. For example, for healthy weight and physical activity, it may be useful to look at the *Physical and Social Environment* section of <u>Chapter 4: Wider Determinants of Health</u>. For other topics in this chapter it may be useful to look at the *Health Support and Preventing Ill-health* section of <u>Chapter 7: Service Use</u>
- Further useful sources include the Public Health England <u>Fingertips tool</u>; the <u>Office for National Statistics</u>; the <u>Health Survey for England</u>; and the Sport <u>England Active Lives Surveys</u>

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