

Public Document Pack



Northumberland County Council

Your ref:

Our ref:

Enquiries to: Andrea Todd

Email: Andrea.Todd@northumberland.gov.uk

Tel direct: 01670 622606

Date: Monday 27 February 2023

Dear Sir or Madam,

Your attendance is requested at a meeting of the **HEALTH AND WELLBEING OSC** to be held in **COUNCIL CHAMBER - COUNTY HALL, MORPETH, NE61 2EF** on **TUESDAY, 7 MARCH 2023** at **1.00 PM**.

Yours faithfully

Dr Helen Paterson
Chief Executive

To Health and Wellbeing OSC members as follows:-

K Nisbet (Vice-Chair), L Bowman, R Dodd, G Hill, C Humphrey, I Hunter, R Wilczek, V Jones (Chair), C Hardy and E Chicken



Dr Helen Paterson, Chief Executive
County Hall, Morpeth, Northumberland, NE61 2EF
T: 0345 600 6400
www.northumberland.gov.uk



AGENDA

PART I

It is expected that the matters included in this part of the agenda will be dealt with in public.

1. APOLOGIES FOR ABSENCE

2. MINUTES

(Pages
1 - 4)

Minutes of the meeting of the Health & Wellbeing Overview & Scrutiny Committee held on 7 February 2023, as circulated, to be confirmed as a true record and signed by the Chair.

3. DISCLOSURE OF MEMBERS' INTERESTS

Unless already entered in the Council's Register of Members' interests, members are required where a matter arises at a meeting;

a. Which **directly relates to** Disclosable Pecuniary Interest ('DPI') as set out in Appendix B, Table 1 of the Code of Conduct, to disclose the interest, not participate in any discussion or vote and not to remain in room. Where members have a DPI or if the matter concerns an executive function and is being considered by a Cabinet Member with a DPI they must notify the Monitoring Officer and arrange for somebody else to deal with the matter.

b. Which **directly relates to** the financial interest or well being of a Other Registrable Interest as set out in Appendix B, Table 2 of the Code of Conduct to disclose the interest and only speak on the matter if members of the public are also allowed to speak at the meeting but otherwise must not take part in any discussion or vote on the matter and must not remain the room.

c. Which **directly relates to** their financial interest or well-being (and is not DPI) or the financial well being of a relative or close associate, to declare the interest and members may only speak on the matter if members of the public are also allowed to speak. Otherwise, the member must not take part in discussion or vote on the matter and must leave the room.

d. Which **affects** the financial well-being of the member, a relative or close associate or a body included under the Other Registrable Interests column in Table 2, to disclose the interest and apply the test set out at paragraph 9 of Appendix B before deciding whether they may remain in the meeting.

e. Where Members have or a Cabinet Member has an Other Registerable Interest or Non Registerable Interest in a matter being considered in exercise of their executive function, they must notify the

Monitoring Officer and arrange for somebody else to deal with it.

NB Any member needing clarification must contact monitoringofficer@northumberland.gov.uk. Members are referred to the Code of Conduct which contains the matters above in full. Please refer to the guidance on disclosures at the rear of this agenda letter.

4. FORWARD PLAN

(Pages
5 - 10)

To note the latest Forward Plan of key decisions. Any further changes to the Forward Plan will be reported at the meeting.

5. REPORT OF NHS ENGLAND

Access to Dental Treatment in Northumberland

To receive an update from NHS England on dental access in Northumberland and the support to for provision in Berwick.

6. REPORT OF THE PORTFOLIO HOLDER FOR ADULT WELLBEING

(Pages
11 - 56)

Director of Public Health Annual Report 2021/22

To receive the Director of Public Health's Annual Report for 2021/2022. The report focuses on ensuring all children in Northumberland can maintain a healthy weight. The report will be delivered by Gill O'Neil, Interim Director of Public Health, Inequalities and Stronger Communities.

Members of the Family and Children's Services Overview and Scrutiny Committee have been invited to attend for this item.

7. REPORT OF THE SCRUTINY OFFICER

(Pages
57 - 64)

Health and Wellbeing OSC Work Programme

To consider the work programme/monitoring report for the Health and Wellbeing OSC for 2022/23.

8. URGENT BUSINESS

To consider such other business as, in the opinion of the Chair, should, by reason of special circumstances, be considered as a matter of urgency.

9. DATE OF NEXT MEETING

The date of the next meeting is scheduled for Tuesday, 4 April 2023 at 1.00 p.m.

IF YOU HAVE AN INTEREST AT THIS MEETING, PLEASE:

- Declare it and give details of its nature before the matter is discussed or as soon as it becomes apparent to you.
- Complete this sheet and pass it to the Democratic Services Officer.

Name:		Date of meeting:	
Meeting:			
Item to which your interest relates:			
Nature of Interest i.e. either disclosable pecuniary interest (as defined by Table 1 of Appendix B to the Code of Conduct, Other Registerable Interest or Non-Registerable Interest (as defined by Appendix B to Code of Conduct) (please give details):			
Are you intending to withdraw from the meeting?		Yes - <input type="checkbox"/>	No - <input type="checkbox"/>

Registering Interests

Within 28 days of becoming a member or your re-election or re-appointment to office you must register with the Monitoring Officer the interests which fall within the categories set out in **Table 1 (Disclosable Pecuniary Interests)** which are as described in "The Relevant Authorities (Disclosable Pecuniary Interests) Regulations 2012". You should also register details of your other personal interests which fall within the categories set out in **Table 2 (Other Registerable Interests)**.

"Disclosable Pecuniary Interest" means an interest of yourself, or of your partner if you are aware of your partner's interest, within the descriptions set out in Table 1 below.

"Partner" means a spouse or civil partner, or a person with whom you are living as husband or wife, or a person with whom you are living as if you are civil partners.

1. You must ensure that your register of interests is kept up-to-date and within 28 days of becoming aware of any new interest, or of any change to a registered interest, notify the Monitoring Officer.
2. A 'sensitive interest' is as an interest which, if disclosed, could lead to the councillor, or a person connected with the councillor, being subject to violence or intimidation.
3. Where you have a 'sensitive interest' you must notify the Monitoring Officer with the reasons why you believe it is a sensitive interest. If the Monitoring Officer agrees they will withhold the interest from the public register.

Non participation in case of disclosable pecuniary interest

4. Where a matter arises at a meeting which directly relates to one of your Disclosable Pecuniary Interests as set out in **Table 1**, you must disclose the interest, not participate in any discussion or vote on the matter and must not remain in the room unless you have been granted a dispensation. If it is a 'sensitive interest', you do not have to disclose the nature of the interest, just that you have an interest.

Dispensation may be granted in limited circumstances, to enable you to participate and vote on a matter in which you have a disclosable pecuniary interest.

5. Where you have a disclosable pecuniary interest on a matter to be considered or is being considered by you as a Cabinet member in exercise of your executive function, you must notify the Monitoring Officer of the interest and must not take any steps or further steps in the matter apart from arranging for someone else to deal with it.

Disclosure of Other Registerable Interests

6. Where a matter arises at a meeting which **directly relates** to the financial interest or wellbeing of one of your Other Registerable Interests (as set out in **Table 2**), you must disclose the interest. You may speak on the matter only if members of the public are also allowed to speak at the meeting but otherwise must not take part in any discussion or vote on the matter and must not remain in the room unless you have been granted a dispensation. If it is a 'sensitive interest', you do not have to disclose the nature of the interest.

Disclosure of Non-Registerable Interests

7. Where a matter arises at a meeting which **directly relates** to your financial interest or well-being (and is not a Disclosable Pecuniary Interest set out in **Table 1**) or a financial interest or well-being of a relative or close associate, you must disclose the interest. You may speak on the matter only if members of the public are also allowed to speak at the meeting. Otherwise you must not take part in any discussion or vote on the matter and must not remain in the room unless you have been granted a dispensation. If it is a 'sensitive interest', you do not have to disclose the nature of the interest.
8. Where a matter arises at a meeting which **affects** –
- a. your own financial interest or well-being;
 - b. a financial interest or well-being of a relative or close associate; or
 - c. a financial interest or wellbeing of a body included under Other Registrable Interests as set out in **Table 2** you must disclose the interest. In order to determine whether you can remain in the meeting after disclosing your interest the following test should be applied
9. Where a matter (referred to in paragraph 8 above) **affects** the financial interest or well- being:
- a. to a greater extent than it affects the financial interests of the majority of inhabitants of the ward affected by the decision and;
 - b. a reasonable member of the public knowing all the facts would believe that it would affect your view of the wider public interest

You may speak on the matter only if members of the public are also allowed to speak at the meeting. Otherwise, you must not take part in any discussion or vote on the matter and must not remain in the room unless you have been granted a dispensation.

If it is a 'sensitive interest', you do not have to disclose the nature of the interest.

Where you have an Other Registerable Interest or Non-Registerable Interest on a matter to be considered or is being considered by you as a Cabinet member in exercise of your executive function, you must notify the Monitoring Officer of the interest and must not take any steps or further steps in the matter apart from arranging for someone else to deal with it.

Table 1: Disclosable Pecuniary Interests

This table sets out the explanation of Disclosable Pecuniary Interests as set out in the [Relevant Authorities \(Disclosable Pecuniary Interests\) Regulations 2012](#).

Subject	Description
Employment, office, trade, profession or vocation	Any employment, office, trade, profession or vocation carried on for profit or gain. [Any unpaid directorship.]
Sponsorship	Any payment or provision of any other financial benefit (other than from the council) made to the councillor during the previous 12-month period for expenses incurred by him/her in carrying out his/her duties as a councillor, or towards his/her election expenses. This includes any payment or financial benefit from a trade union within the meaning of the Trade Union and Labour Relations (Consolidation) Act 1992.
Contracts	Any contract made between the councillor or his/her spouse or civil partner or the person with whom the councillor is living as if they were spouses/civil partners (or a firm in which such person is a partner, or an incorporated body of which such person is a director* or a body that such person has a beneficial interest in the securities of*) and the council — (a) under which goods or services are to be provided or works are to be executed; and (b) which has not been fully discharged.
Land and Property	Any beneficial interest in land which is within the area of the council. 'Land' excludes an easement, servitude, interest or right in or over land which does not give the councillor or his/her spouse or civil partner or the person with whom the councillor is living as if they were spouses/ civil partners (alone or jointly with another) a right to occupy or to receive income.
Licenses	Any licence (alone or jointly with others) to occupy land in the area of the council for a month or longer
Corporate tenancies	Any tenancy where (to the councillor's knowledge)— (a) the landlord is the council; and (b) the tenant is a body that the councillor, or his/her spouse or civil partner or the person with whom the councillor is living as if they were spouses/ civil partners is a partner of or a director* of or has a beneficial interest in the securities* of.
Securities	Any beneficial interest in securities* of a body

	<p>where—</p> <p>(a) that body (to the councillor’s knowledge) has a place of business or land in the area of the council; and</p> <p>(b) either—</p> <ul style="list-style-type: none"> i. the total nominal value of the securities* exceeds £25,000 or one hundredth of the total issued share capital of that body; or ii. if the share capital of that body is of more than one class, the total nominal value of the shares of any one class in which the councillor, or his/ her spouse or civil partner or the person with whom the councillor is living as if they were spouses/civil partners has a beneficial interest exceeds one hundredth of the total issued share capital of that class.
--	--

* ‘director’ includes a member of the committee of management of an industrial and provident society.

* ‘securities’ means shares, debentures, debenture stock, loan stock, bonds, units of a collective investment scheme within the meaning of the Financial Services and Markets Act 2000 and other securities of any description, other than money deposited with a building society.

Table 2: Other Registrable Interests

You have a personal interest in any business of your authority where it relates to or is likely to affect:

- a) any body of which you are in general control or management and to which you are nominated or appointed by your authority
- b) any body
 - i. exercising functions of a public nature
 - ii. any body directed to charitable purposes or
 - iii. one of whose principal purposes includes the influence of public opinion or policy (including any political party or trade union)

NORTHUMBERLAND COUNTY COUNCIL

HEALTH AND WELLBEING OVERVIEW AND SCRUTINY COMMITTEE

At a meeting of the **Health & Wellbeing Overview and Scrutiny Committee** on Tuesday, 7 February 2023 at 1.00 p.m. at County Hall, Morpeth.

PRESENT

Councillor V. Jones
(Chair, in the Chair)

MEMBERS

Bowman, L.	Hunter, I.
Chicken, E.	Hill, G.
Dodd, R.	Nisbet, K.
Hardy, C.	Wilczek, R.

ALSO IN ATTENDANCE

Angus, C.	Scrutiny Officer
Bradley, N.	Executive Director for Adults, Ageing Wellbeing
Martin, K.	Service Director Adults Assessment and Safeguarding
Mead, P.	Independent Chair
Nugent, D.	Healthwatch Northumberland
Pattison, W.	Cabinet Member for Wellbeing
Todd, A.	Democratic Services Officer
Wright, K.	Service Manager – Safeguarding Adults

1 member of the press was also in attendance

53. APOLOGIES FOR ABSENCE

An apology for absence was received from Councillor C. Humphrey.

54. MINUTES

RESOLVED that the minutes of the meetings of the Health & Wellbeing Overview & Scrutiny Committee held on 6 December 2022, as circulated, be confirmed as a true record and signed by the Chair.

55. FORWARD PLAN

The Committee considered the Forward Plan of key decisions (a copy of the Forward Plan has been filed with the signed minutes).

RESOLVED that the report be noted.

56. HEALTH AND WELLBEING BOARD

RESOLVED that the minutes of the Health & Wellbeing Board held on 10 December 2022, 8 December 2022 and 9 January 2023 be noted.

57. REPORT OF THE DIRECTOR OF ADULT SERVICES

North Tyneside and Northumberland Safeguarding Adults Board (SAB) Annual Report 2021-22

The purpose of the report was to provide an overview of the work carried out under the multi-agency arrangements for Safeguarding Adults during 2021/22. (A copy of the report has been filed with the signed minutes).

P. Mead, North Tyneside and Northumberland Safeguarding Adults Board Independent Chair and K. Wright, Service Manager – Safeguarding Adults introduced the report which detailed the work of the North Tyneside and Northumberland Safeguarding Adults Board (SAB) during 2021/22, and provided information about operational safeguarding activity during the year. The report described a range of improvements in safeguarding arrangements and detailed the work carried out during 2021-22 across all partner organisations, working together to improve safeguarding arrangements for vulnerable people.

Following on from the significant increases in safeguarding activity reported last year, in 2020/21 Northumberland continued to experience increases in safeguarding demand. Northumberland data showed a 38% increase in safeguarding concerns, and a 6% rise in safeguarding enquiries, compared to last year. In terms of local trends there has been a continued rise in domestic abuse, physical abuse, and self-neglect.

A key focus for the SAB this year had been understanding the impact of the pandemic on local safeguarding activity.

The report set out the SAB's work in response to the five key strategic priorities in the SAB Annual Strategic Plan, which had been informed by local safeguarding data; experiences and feedback; partner self-assessments; and regional priorities. It also outlined some key highlights of the SAB's work during the year, which had included a focus upon a range of themes and awareness campaigns.

There have been no Safeguarding Adult Reviews (SARs) undertaken in Northumberland during this reporting year, however a number of new case referrals have been considered, and two learning reviews have commenced.

It was noted that this would be the final Annual report of the North Tyneside and Northumberland Safeguarding Adults Board.

In response to member questions the following information was provided:

- Northumberland had experienced an increase in safeguarding concerns and in safeguarding enquiries, but this was in line with other areas of the county. Northumberland continued to benchmark against others. Both nationally and regionally safeguarding boards were seeing similar trends, and many had identified the same key priorities.
- There had been surges in activity relating to Covid including self-neglect, isolation, domestic violence and mental health issues.
- There had been a focus on understanding the impact of the pandemic on local safeguarding activity enabling a response to changing safeguarding needs, identifying lessons learnt and informing future planning and priorities both regionally and nationally.
- The main location of abuse had again been within people's own homes, though there had been an increase in safeguarding reports related to nursing or Care homes.
- Safety in nursing and care homes remained a top priority. It was reassuring to see those risks and actions being addressed and showed that any concerns were being looked into and taken very seriously. Partnership work with other agencies was crucial to provide an overall picture of any concerns taking place in homes.
- All concerns raised regarding nursing and care home were recorded. This included issues on personal care and hygiene. This ensured information could be shared, any patterns quickly identified include historic concerns. Making safeguarding personal continued to be a key priority. Northumberland also carried out unannounced visits and inspections to nursing and care homes.
- The MASH (Multi-Agency Safeguarding Hub) had been extremely effective in providing a multi-agency response in Northumberland, enabling quick action in responding to safeguarding concerns.
- Much of the work done in Northumberland had been recognised as good practice nationally.
- The case studies were interesting and showed that people were more aware and open to reporting issues. A lot of work had been done to raise awareness. There was a safeguarding adults training programme and lots of guidance documents regarding self-neglect. Campaigns took place throughout the year. An animation had been recently produced aimed at the public and volunteers. These were available on the Safeguarding Adults website.

RESOLVED that the content of the North Tyneside and Northumberland Safeguarding Adults Annual report 2021/22 be noted.

58. REPORT OF THE SCRUTINY OFFICER

Health and Wellbeing OSC Work Programme

The Committee reviewed its work programme for the 2022/23 council year. (A copy of the work programme has been filed with the signed minutes).

Members asked if data on local response times could be made available at the meeting where North East Ambulance Services were to be invited to attend.

RESOLVED that the work programme and comments made be noted.

59. DATE OF NEXT MEETING

RESOLVED that the next meeting of the Health and Wellbeing Overview and Scrutiny Committee be held on Tuesday, 7 March 2023 at 1.00 p.m.

CHAIR _____

DATE _____

Forward Plan

FORTHCOMING CABINET DECISIONS MARCH TO JULY 2023

DECISION	PROPOSED SCRUTINY DATE	CABINET DATE
<p>BEST: Delivery Partners Resourcing On 17th January, Cabinet approved the Business Case for the Strategic Change Programme to be delivered across the Council over the period Feb 2023 – March 2025. 'BEST' is the new identity for the programme of works formerly identified as the 'Strategic Change Programme'.</p> <p>The BEST: Delivery Partners Resourcing Report seeks approval of the key decision to proceed with the Tendering and Procurement of Delivery Partners who will be engaged to support the design and delivery of projects.</p> <p>(G. Wearmouth/Kelly Gardner, Senior Service Director and BEST Programme Director- 07971008878)</p>		14 March 2023
<p>Director of Education Final Report The Director of Education Annual Report presents a self-evaluation of where NCC Education are as a result of work delivered during 2021-22 and also seeks to demonstrate aspirations for the future across all areas of education and related supporting functions. (G. Renner Thompson/A. Kingham - 01670 622742)</p>	FACS OSC 2 March 2023	14 March 2023
<p>Energising Blyth – Strategic Sites Strategy The report will provide an update on key acquisitions to</p>	TBC	14 March 2023

<p>support delivery of capital developments in Blyth as part of the Future High Street and Town Deal Funded Energising Blyth Programme (Confidential report) (W.Ploszaj/ M.Turner - 07810 756551)</p>		
<p>Financial Performance 2022-23 - Position at the end of December 2022 The report will provide Cabinet with the revenue and capital financial performance against budget as at 31 December 2022. (R. Wearmouth/K. Harvey - 01670 624783)</p>	N/A	14 March 2023
<p>Homelessness and Rough Sleeper Strategy for Northumberland 2022 The report provides Members with the draft Homelessness and Rough Sleeper Strategy 2022-2026 for review and agreement (S. Horncastle/J. Stewart - 07771 974 112)</p>	Communities and Place OSC 5 April 2023	14 March 2023
<p>Market Sustainability Plan for adult social care To seek approval for the Market Sustainability Plan which the Council is required to submit to the Department of Health and Social Care as a grant condition. (W. Pattison/S. Corlett – 01670 623637)</p>	Health and Wellbeing OSC 4 April 2023	14 March 2023
<p>Permission to Award the Integrated Sexual Health Contract To seek permission from Cabinet to award the contract of Integrated Sexual Health Service in Northumberland. This service will be commissioned using the public health ring fenced grant. The grant conditions state that Local Authorities must provide sexual health services for its</p>	NA	14 March 2023

<p>population. The contract is for 4 years. (W. Pattison/ John Liddell - 07929 775559)</p>		
<p>School Transport Review Outcome Options At SLT on 1st November 2022 the full range of recommendations resulting from the system wide review of home to school transport were shared. In response to this, SLT requested a further paper to provide a summary with greater detail on the range of options considered during the review on where the transport service best sits within Northumberland County Council. This report provides the options as requested for evaluation and alongside this request's approval for the specific initiative to establish NCC delivered Independent Travel Training provision using start-up funding from the Council Transformation Fund (G. Renner Thompson/N. Dorward – 07811 020 806)</p>	<p>FACS OSC 6 April 2023</p>	<p>14 March 2023</p>
<p>The Link (Bridge Street Improvements) This report updates Cabinet and seeks approval of the Outline Business Case and other key decisions regarding the development and delivery of The Link project. The Link will improve the highway and public realm along Bridge Street which is one of the main vehicle and pedestrian routes into the town centre. It will improve connectivity and provide a greatly improved walking and cycling link between the town centre and the quayside. The project will support Blyth's vision to be a Connected, Vibrant and Clean Growth Town (W. Ploszaj/Lara Baker - 07919 217457)</p>		<p>14 March 2023</p>
<p>Trading Companies' Financial Performance 2022-23 - Position at the end of December 2022 The purpose of the report is to ensure that the Cabinet is</p>	<p>Corporate Services and Economic Growth OSC 13 March 2022</p>	<p>14 March 2023</p>

<p>informed of the current financial positions of its trading companies for 2022-23 (R. Wearmouth/ M. Calvert - 01670 620197) Confidential report</p>		
<p>Update of Transport Asset Management Plan Policy and Strategy To seek Cabinet approval for the updated Transport Asset Management Plan, Policy and Strategy following it's periodic review, to take account of continued developments in asset management approaches and best practice including an increasing focus on the impact of climate change and prioritisation of active travel and minor amendments to the resilient road network. (J. Riddle/D. Laux - 01670 623763)</p>	TBC	14 March 2023
<p>Update on projects funded from the Public Health ring-fenced grant reserve to improve health and reduce health inequalities This report updates on the progress of projects previously approved by Cabinet to receive investment from the ring-fenced public health grant reserve for public health interventions to improve health and reduce health inequalities, for Cabinet to note the progress of the nine projects with approved investment from the ring-fenced public health grant reserve (W. Pattison/J. Brown - 07796 312409)</p>		14 March 2023
<p>Governance of Council Companies The purpose of this report is to propose the adoption of strengthened Governance arrangements in relation to the Council's companies and the relationship between the</p>	TBC	11 April 2023

<p>Council and those companies. The proposals address recommendations of the Caller Independent Governance Review to provide the foundation for decision making and the development of a comprehensive company governance framework for companies wholly or partly owned by Northumberland County Council (NCC). (G. Sanderson/Suki Binjal - 07592269310)</p>		
<p>Leisure Programme Update To update Cabinet with progress on the Leisure programme (J. Watson/M. Donnelly 07517 553463)</p>	OSC TBC	11 April 2023
<p>Service Charges in Sheltered Accommodation The report will request permission to introduce Service Charges to all tenants in 8 Sheltered Housing Schemes in line with those currently charged at Arnison Close in Glendale. The HRA is currently subsidising these tenants at a cost of approx. £200k per year. (C. Horncastle/S. Ogle – 07976851270)</p>		11 April 2023
<p>Social Housing Regulations Bill To inform members of the impending Social Housing Regulations Bill and the implications that has for housing, in particular the introduction of a regulatory regime. (C. Horncastle/ S. Ogle 07976 851270)</p>		11 April 2023
<p>Financial Performance 2022-23 – Position at the end of March 2023 (Provisional Outturn) The report will provide Cabinet with the revenue and capital financial performance against budget as at 31 March 2023 (provisional outturn)</p>	N/A	9 May 2023

(R. Wearmouth/K. Harvey - 01670 624783)		
Outcomes of Phase 2 Consultation about Education in Berwick Partnership This report sets out the feedback received from stakeholders arising from Phase 2 of informal consultation with stakeholders in the Berwick Partnership area and other relevant parties on the possible models of school organisation within both the current 3-tier system and within a 2-tier (primary/secondary) system. (G. Renner Thompson/S. Aviston - (01670) 622281)	TBC	9 May 2023
Leisure Programme Update To update Cabinet with progress on the Leisure programme (J. Watson/M. Donnelly 07517 553463)	TBC	12 December 2023
Leisure Programme Update To update Cabinet with progress on the Leisure programme (J. Watson/M. Donnelly 07517 553463)	TBC	9 April 2024

2023
 2024



Director of Public Health Annual Report 2021/22

Healthy weight
for all children



Northumberland
County Council

www.northumberland.gov.uk

Contents

- Healthy weight for all children 3
- Portfolio holders' comments.....4
- Glossary.....5
- Context.....7
- Healthy weight in the home.....14
- Healthy weight in our communities19
- Healthy weight in schools23
- Healthy weight in healthcare.....28
- Recommendations31
- Appendix 1.....33

Healthy weight for all children

This is my final report as Northumberland's Director of Public Health. Over the years I have consistently highlighted the strengths of our communities and the critical importance of our partnership working. We are stronger together than when we are working in silos. Preventative action is often the hardest of actions as it can require generational change to see impact. It requires sustained determination, commitment and investment to stay on track with our interventions and consolidate around a few core ambitions, to deliver the change which is within our gift to influence and control. Working as a collective system on infrastructure and policy change can be complex and will require us to overcome several hurdles, but that is the proposal for this year's report which is focusing on how we can ensure ALL our children can maintain a healthy weight.

We see inequalities in our children's weight with those in the least deprived areas more likely to be a healthy weight than those in our most deprived areas. This difference arises from the unequal and unfair distribution of resources and environments that promote healthy weight. Weight management services are great for a small number of people but it's like emptying the sea with a teaspoon.

This is a complex issue and as with anything to do with inequalities, there isn't one thing that will solve this, but we can do something to close the gap - we can focus on creating the conditions which enable positive choices. Our approach needs to be centred on those three questions at the heart of the Northumberland Inequalities Plan:

1. What can be done by communities (families)?
2. What might communities (families) need some help with?
3. What can't communities (families) do that agencies and organisations can?

Creating the conditions to ensure our children are a healthy weight means focusing on the evidence from whole systems approaches to healthy weight, which shows the balance is tipped towards our environments and how children live, learn, play and grow. This report isn't about large scale additional investment, it is more about how the power and influence of organisations and staff can be harnessed to create the environments which will give children and young people the best opportunities for healthy, nutritionally balanced food and active lives to be part of everyday routines.

No one will be underestimating the size of the challenge but combined with the strength of our communities, I think we can reverse the trend and in doing so, make a significant difference to health and wellbeing not only during childhood, but into adulthood as well.



Liz Morgan
Director of Public Health Northumberland

A handwritten signature in black ink that reads "Liz Morgan".

Acknowledgements

Thank you to everyone who has contributed to the report especially the lead author Kaat Marynissen and the main project team of Gill O'Neill, Jon Lawler, David Turnbull, Pam Forster, Claire Malone and the Integrated Wellbeing Service.

Thank you also to the many people who gave up their time to provide case studies, feedback and insights into the excellent work happening across Northumberland, as your contributions have been invaluable.



Portfolio holders' comments



Northumberland County Councillor Wendy Pattison, cabinet member for Adult Wellbeing

We know achieving healthy weight in childhood is a significant problem. We have seen a worrying increase in the number of children who are overweight or obese and we know focusing on and trying to address the issue at an early age is crucial.

With many significant challenges facing our society today, it is easy to feel overwhelmed and unsure what can be done. This report helps to identify where we are already succeeding and how we can work together to use the knowledge and skills we have to ensure the next generation lead happier, healthier lives.

Councillor Guy Renner-Thompson, cabinet member for Children's Services

Cost has always played a significant role in our food choices, and the current cost-of-living crisis means the price of food will be even more at the forefront of people's minds. Highly processed foods are cheaper than healthier foods, making them an understandable choice for families struggling financially.

This report explores the evidence and how we in Northumberland can build on the work that has been achieved to date, and move forward to support our communities to live long and healthy lives.





Glossary

Term	Definition
BMI	Body mass index. A measure which uses height and weight to calculate whether an individual's weight is healthy. For adults BMI is split into different ranges of underweight, healthy weight, overweight and obese. In children these same categories are determined by comparing their height and weight to standardised mass for what is expected at their age and sex (1).
NCMP	<p>National Child Measurement Programme. A nationally mandated public health programme where each year children in Reception (aged 4-5) and Year 6 (aged 10-11) in schools have their height and weight measured. From this their BMI is calculated and compared to standardised measurements for what is expected, taking age and sex into account.</p> <p>The programme aims to assess the levels of overweight and obesity in children in primary schools to help inform local planning and delivery of services (2).</p>
Health inequalities	<p>The avoidable, unfair and systematic differences between different groups of people when it comes to health. This can include:</p> <ul style="list-style-type: none">• How healthy people are (e.g. life expectancy)• Access to care (e.g. availability of certain services)• Quality and experience of care (e.g. levels of patient satisfaction)• Behavioural risks to health (e.g. smoking)• Wider determinants of health (see below) <p>In England health inequalities are often analysed across four key domains:</p> <ul style="list-style-type: none">• Socio-economic (e.g. income)• Geography (e.g. region)• Specific characteristics (e.g. sex, ethnicity)• Socially excluded groups (e.g. people experiencing homelessness)(3)
Wider determinants of health	The many social, economic and environmental factors that affect both our physical and mental health such as income, educational attainment and housing amongst others (4).
GDP	Gross Domestic Product. The total value of all of the goods made, and services provided, during a specific period of time. Often used as an indicator of a country's economy, as a rising GDP is thought to reflect a growing economy (5).

Term	Definition
IMD	Index of multiple deprivation. The IMD is used to calculate levels of relative deprivation for small areas (equivalent to ~1,500 residents) across England based on 37 separate indicators grouped into seven domains including income and employment, barriers to housing and services, crime, health deprivation and disability. Areas are split into deciles with Decile 1 representing the 10% of most deprived areas in England and Decile 10 the least deprived 10% (6).
HFSS	High in Fat, Salt and/or Sugar
Free sugars	All added sugars in any form; all sugars naturally present in fruit and vegetable juices, purées and pastes and similar products in which the structure has been broken down; all sugars in drinks (except for dairy-based drinks); and lactose and galactose added as ingredients. The sugars naturally present in milk and dairy products, fresh and most types of processed fruit and vegetables and in cereal grains, nuts and seeds are excluded from the definition (7).
Key stages	
1	Year 1 and 2 (ages 5-7)
2	Year 3-6 (ages 7-11)
3	Year 7-9 (ages 11-14)
4	Year 9-11 (ages 14-16) (8)
Active Travel	Making a journey by physically active means, such as walking or cycling.
In work poverty	When a working person's income after housing costs is less than 60% of the national average (9).
Whole systems approach	A whole systems approach involves tackling complex issues by enabling local stakeholders to come together and share an understanding of the reality of the challenge facing a community. Together they should consider how a local system is operating and where the greatest opportunities for change are, then agree actions in a way that is dynamic and flexible. By working together in an integrated way stakeholders can bring about long-term and sustainable system change (10).

1. NHS. What is the body mass index (BMI)? NHS.uk2019 [Available from: <https://www.nhs.uk/common-health-questions/lifestyle/what-is-the-body-mass-index-bmi/>].
2. Digital N. National Child Measurement Programme, England 2020/21 School Year 2021 [Available from: <https://digital.nhs.uk/data-and-information/publications/statistical/national-child-measurement-programme/2020-21-school-year>].
3. Williams E, Buck D, Babalola G, Maguire D. What are health inequalities? kingsfund.org.uk: The King's Fund; 2020 [Available from: <https://www.kingsfund.org.uk/publications/what-are-health-inequalities#what>].
4. England PH. Chapter 6: wider determinants of health: Gov.uk; 2018 [Available from: <https://www.gov.uk/government/publications/health-profile-for-england-2018/chapter-6-wider-determinants-of-health#:~:text=The%20wider%20determinants%20of%20health,inequalities%20presented%20in%20Chapter%205>].
5. Treasury H. Gross Domestic Product (GDP): What it means and why it matters Gov.uk2017 [cited 2022 16th October]. Available from: <https://www.gov.uk/government/news/gross-domestic-product-gdp-what-it-means-and-why-it-matters>.
6. Smith T, Noble M, Noble S, Wright G, McLennan D, Plunkett E. The English indices of deprivation 2015. London: Department for Communities and Local Government. 2015:1-94.
7. Swan GE, Powell NA, Knowles BL, Bush MT, Levy LB. A definition of free sugars for the UK. Public health nutrition. 2018;21(9):1636-8.
8. Gov.uk. The national curriculum [Available from: <https://www.gov.uk/national-curriculum>].
9. CIPD. In-work poverty: a definition 2022 [Available from: <https://www.cipd.co.uk/knowledge/culture/well-being/employee-financial-well-being/in-work-poverty/introduction#ref>].
10. Public Health England's Diet, Obesity and Physical Activity Team, Leeds Beckett University. Whole systems approach to obesity: A guide to support local approaches to promoting a healthy weight; 2019 [Available from: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/820783/Whole_systems_approach_to_obesity_guide.pdf]



Context

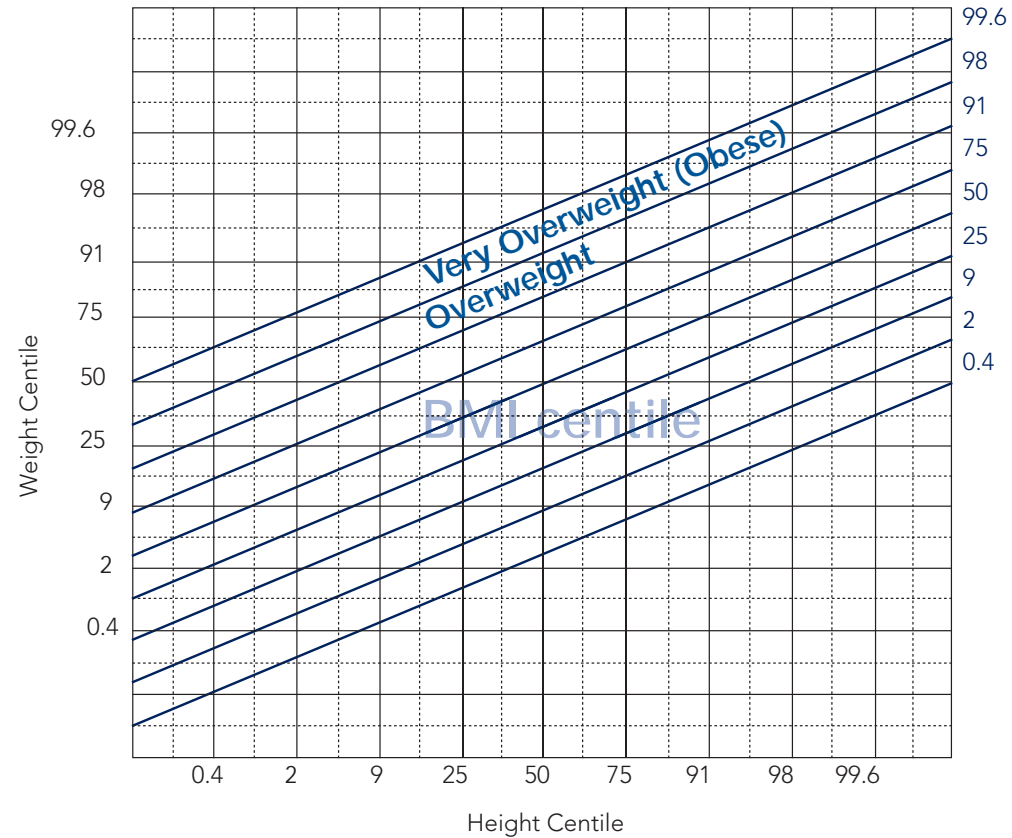
Measuring healthy weight

The National Child Measurement Programme (NCMP) is an annual England-wide programme which measures the height and weight of children in Reception (aged 4-5) and Year 6 (aged 10-11), to assess childhood overweight and obesity in primary schools (1).

Local data

The proportion of children and young people with a healthy weight is falling in Northumberland; in 2020/21 more children in the county were overweight or had obesity or severe obesity than ever before. This trend is seen throughout England, where the number of children who are overweight or have obesity has increased since the NCMP started in 2006 (2). Obesity and severe obesity have increased sharply since the beginning of the COVID-19 pandemic (2).

UK Growth Chart for Children aged 2-18 years



Growth chart used to plot children's height and weight. The 'BMI centile' that children fall into (shown by diagonal lines) show where they fall compared to others in their age and sex group. A BMI above the 91st centile ('91' line) suggests overweight and above the 98th centile is very overweight (obese)*. (24)

**Over
1 in 5**
children were
overweight or had
obesity in Reception.



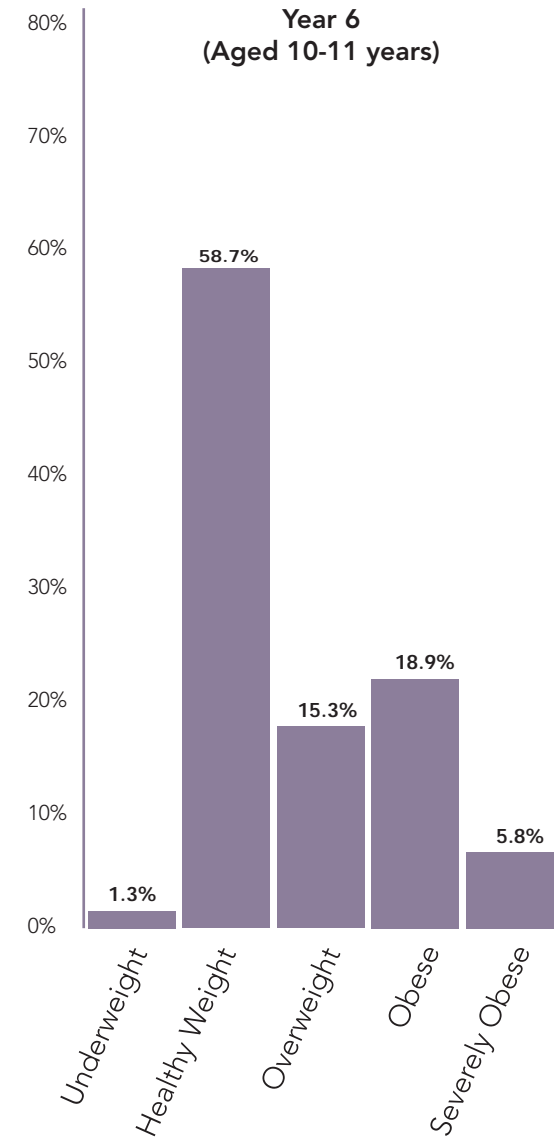
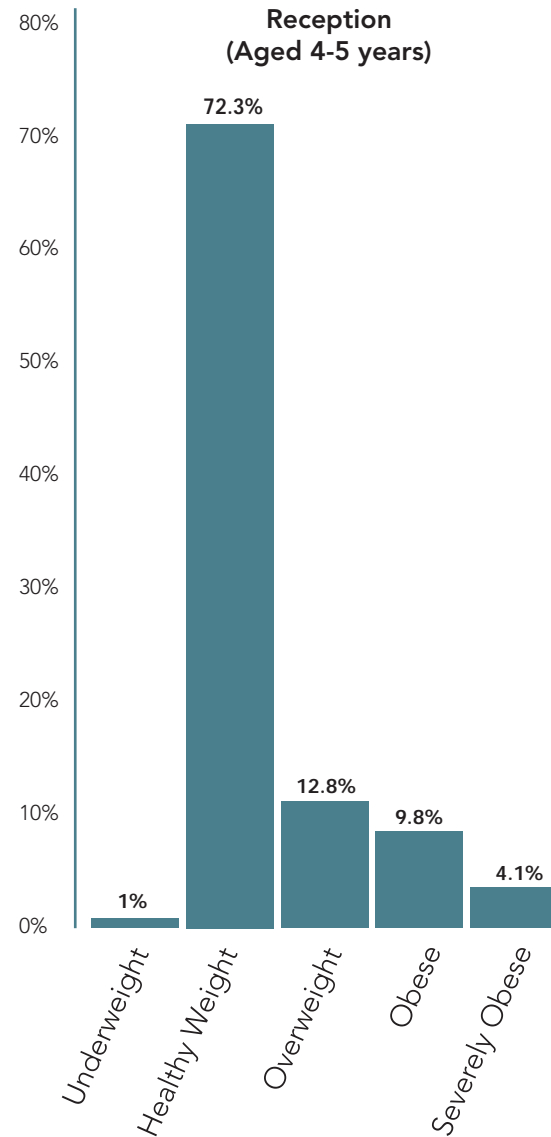
**Over
1 in 3**
in Year 6.



Northumberland 2020/21

- Reception (aged 4-5 years) - 72.3% of children were a healthy weight, with 12.8% classified as overweight, 9.8% as having obesity and 4.1% with severe obesity^ (3).
- Year 6 (aged 10-11 years) - 58.7% of children were a healthy weight. Of the remainder, 15.3% were overweight, 18.9% had obesity and 5.8% severe obesity (3).

Prevalence of weight category (%) for 2020/21



Gender

Nationally in 2019/20, obesity was more common in boys than girls in both age groups (4). In Northumberland boys and girls in Reception and Year 6 were equally likely to be overweight (female 49.2%, male 50.8%) but boys were more likely to have obesity (female 44.7%, male 55.3%) and almost twice as likely to have severe obesity (female 37.5%, male 62.5%) (3).

Adult weight

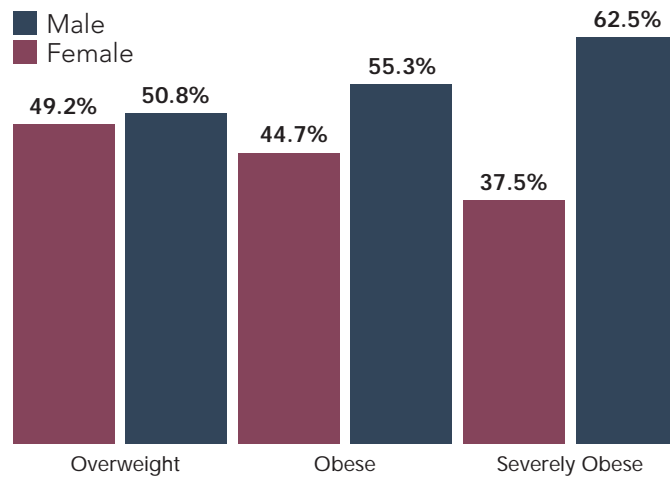
The sustained increase in overweight and obesity in children has been called an 'obesity epidemic' and echoes a similar trend in adults. The most recent data suggests only 36.5% of adults in England were a healthy weight. In 2020/21, 38.2% of adults were overweight (BMI of 25-30), with 25.3% classified as having obesity (BMI >30) (5).

COVID-19 highlighted the health impact of obesity which played a major role in the UK's high death rate (6). Someone with obesity is 1.5 times more likely to die from COVID-19, rising to 2.25 times more likely if they have severe obesity (7).

Underweight

Underweight is also an 'unhealthy weight'. Only 1% of Reception and 1.3% of Year 6 children in Northumberland are underweight, with both showing either a downwards or stable trend (3, 8). Historically, underweight children have been associated with disadvantage and not being able to afford enough food. However, in the 21st century disadvantage is most likely to be associated with overweight and obesity.

Gender Weight Breakdown in Northumberland for 2020/21



In 2020/21 of adults in England

36.5%

were a healthy weight

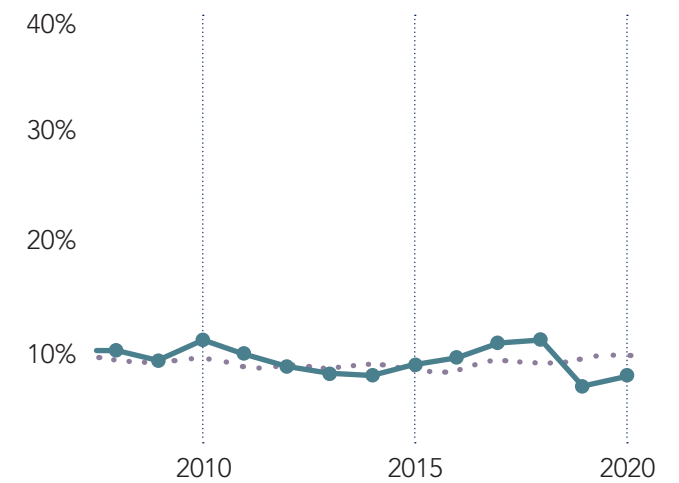
38.2%

were overweight

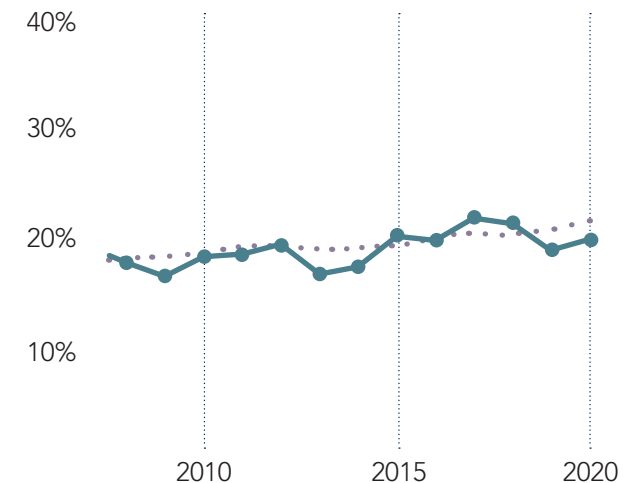
25.3%

were obese

Reception (aged 4-5 years) prevalence of obesity (inc. severe)



Year 6 (aged 10-11 years) prevalence of obesity (inc. severe)



Wider determinants of health

The wider determinants of health is a commonly used term; it refers to the many social, economic and environmental factors that affect our physical and mental health (9) including income, educational attainment and housing.

Differences in factors including wealth, access to green space and healthy food mean that across the UK there are big differences in how many children become overweight or obese.

System map of the causes of health inequalities

This model is a simplification of the complex system that causes inequalities to thrive. It shows the different factors that impact our health, where they stem from (the wider determinants of health), how they interact, multiply, reinforce and act both in sequence and simultaneously.

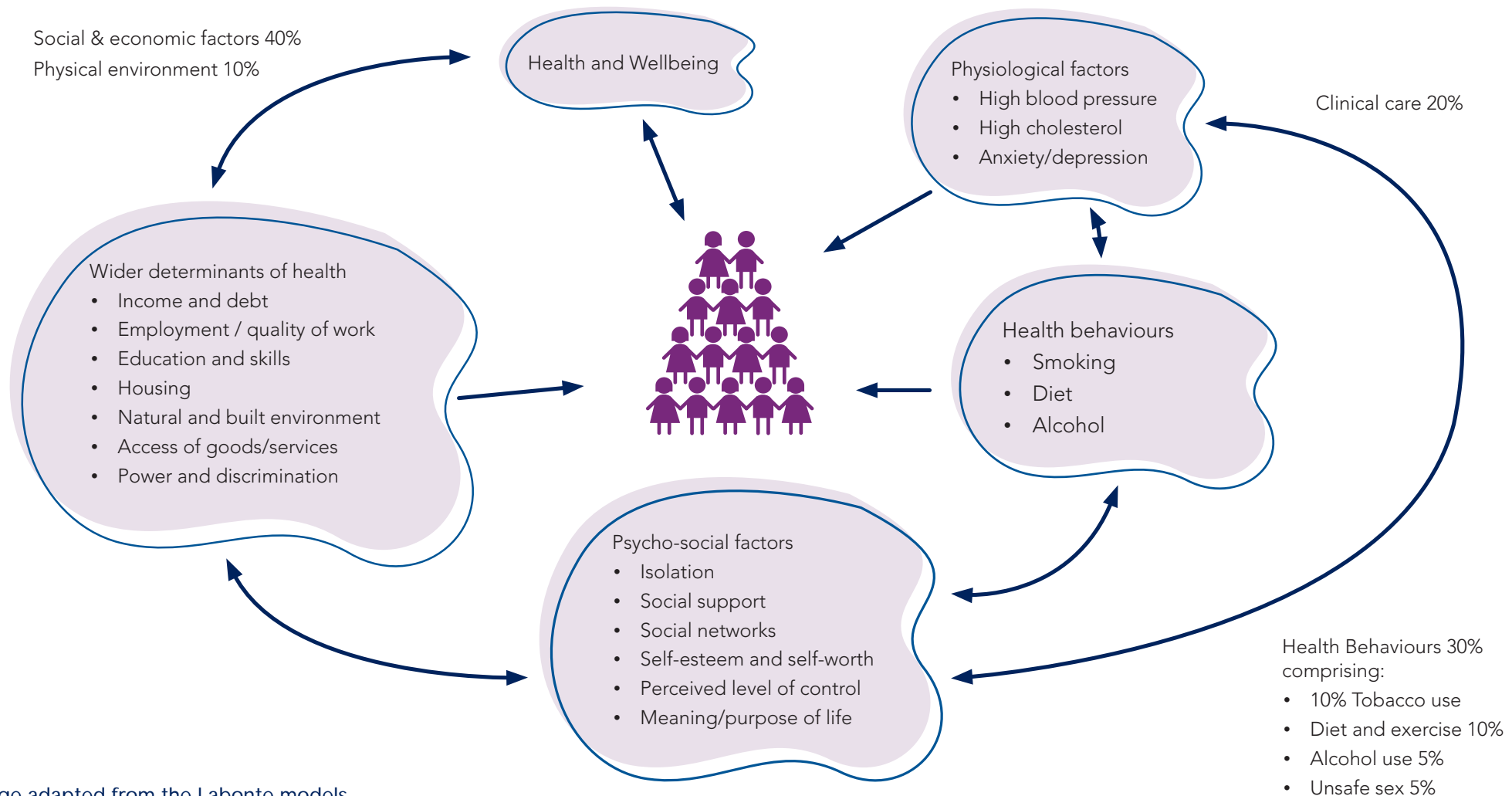


Image adapted from the Labonte models

National deprivation

A child living in one of the most deprived areas of England in 2020-21 was more than twice as likely to be overweight or obese compared to one living in the least deprived areas (4).

Northumberland deprivation

- Reception – of children measured 18.6% with obesity or severe obesity lived in the most deprived (IMD Decile 1) neighbourhoods compared to only 11.4% of children in the least deprived (IMD Decile 10) neighbourhoods**.
- Year 6 – 32.1% with obesity or severe obesity in most deprived (IMD 1) neighbourhoods compared to 13.4% with obesity or severe obesity in the least deprived (IMD 10) (3).

Achieving healthy weight

All children should have the same opportunities to thrive and be healthy. When children are a healthy weight, they are more likely to:

- Do well at school (10)
- Stay physically healthy, with a lower risk of weight related illnesses (e.g. type 2 diabetes, heart attacks and strokes in later life) (11)
- Have better mental health, with lower rates of conditions such as anxiety and depression (12)
- Report that they feel better about their lives (10, 13)

Healthy weight in childhood increases a young person's chances of maintaining health into adulthood.

Economic burden

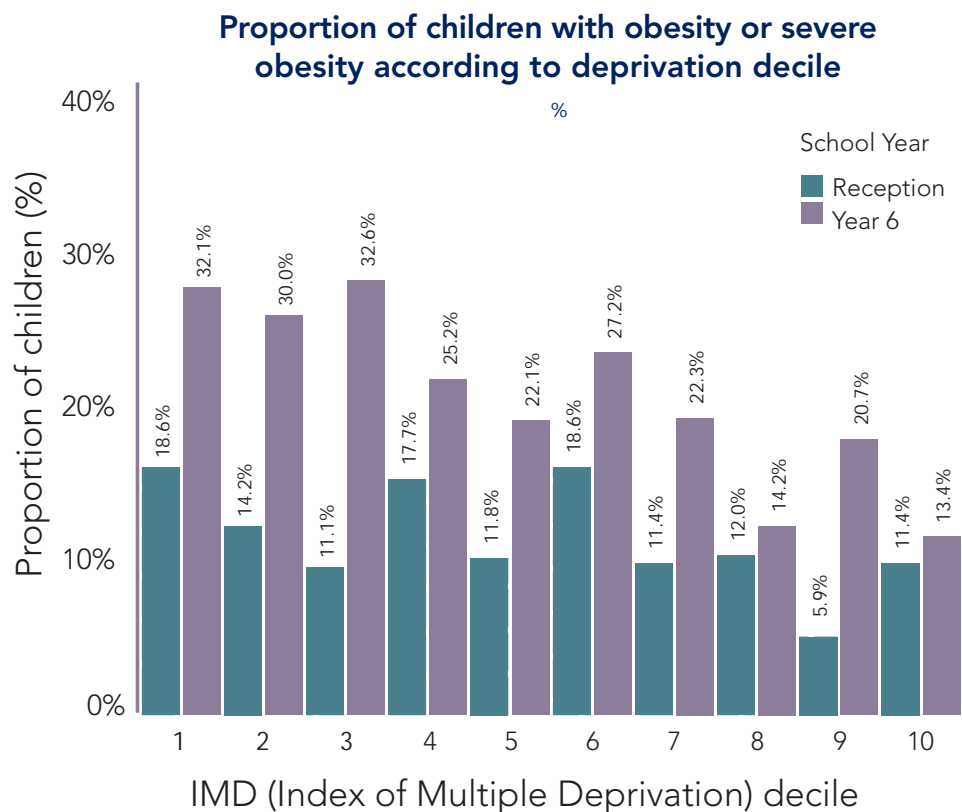
In the UK, obesity is now the second largest economic burden after smoking, resulting in a 3% loss of GDP in 2012 (14). It was estimated that elevated BMI cost the NHS £6.4 billion in 2015 increasing to £9.7 billion by 2050, with wider costs to society estimated to reach £49.9 billion per year (15).

Increasing length of life

Bringing everyone into a healthy BMI range could increase life expectancy by 2.7 years, with additional benefit for people living in the most deprived areas who are more likely to suffer from obesity and diet-related illnesses (16).

Reversing health outcomes

The risks of obesity-related diseases in younger people can be reversed. Children who were overweight or obese but were not obese by adulthood had a similar risk of weight-related health conditions to those who had never been obese (11). So helping our children and young people attain and maintain a healthy weight, will help to give them the best start in life.



Barriers to healthy weight

Genetics

People become overweight or obese when their body struggles to burn more calories than it consumes. Some people are genetically programmed to find this more difficult than others (15). In children, several genes linked to important aspects including appetite behaviour, food intake and sugar metabolism may play a role. However, this genetic predisposition alone is not enough to trigger the development of obesity (17).

Individual responsibility and 'willpower'

While the health behaviours of young people and their families play a part, focusing too heavily on the concept of individual 'willpower' ignores the fundamental contribution of wider social and environmental factors in the development of overweight and obesity.

By talking about children 'developing' overweight or obesity status we aim to reframe the issue as avoidable conditions driven by the environment they live in, where unhealthy options often take centre stage. We need to look more widely at the ways in which our homes, communities, schools and healthcare systems support children living healthy, active lives.

Seeing overweight

It can be harder to recognise when a child is overweight. With the ever-increasing rates of child and adult obesity, higher BMIs become common and harder to recognise by parents and healthcare professionals (18), making it difficult to offer timely support.

Turning the tide

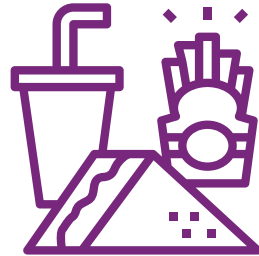
All these barriers are ingrained within our society and have been exacerbated by the current cost-of-living crisis. However, they are not insurmountable. This report highlights what is currently done in Northumberland to support healthy weight in young people and builds on this, making concrete and pragmatic recommendations for the future.

Environment

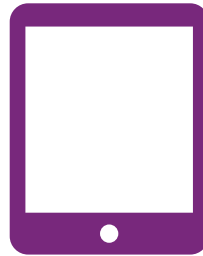
Our young people live in an increasingly 'obesogenic' (obesity causing) environment and culture. Maintaining a healthy weight is more difficult because of:



Limited access to green spaces reducing young people's physical activity



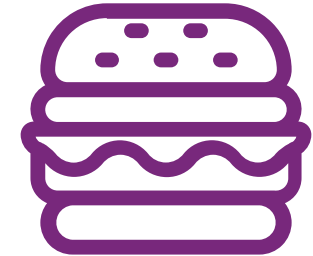
Widespread advertising of unhealthy foods influencing eating choices.



The impact of technology on how children play (i.e., using screens instead of playing outdoors).



Widespread car use making many journeys less active.



A proliferation of 'fast food' shops on the high street and disproportionate application of discount offers means 'unhealthy foods' which are high in fat, salt or sugar (HFSS) have never been more affordable, available or appealing.

Existing commitment

This report builds on our Joint Health and Wellbeing Strategy, to give every child and young person the best start in life (19), as well as answering calls from the community to support children in learning more about healthy eating, food choices, exercise and physical activity (20). It aims to address some of the challenges identified in our recent Inequalities Plan, which recognised the need for a community centred approach in tackling key health issues. As a result, our recommendations are led by the same three key questions:

1. What can communities do for themselves?
2. What can communities do with some help?
3. What can't communities do that agencies / institutions can?

Our recent signing of Food Active's Healthy Weight Declaration is a positive move forward. The Declaration has 16 commitments to adopt a long-term and whole systems approach to healthy weight, including addressing commercial determinants (such as working with the local food and drink sector), supporting health promoting infrastructure (such as reviewing the number of hot food takeaways in town/village centres) and promoting a culture shift to help make healthier choices easier (21).

Building on what's strong

The significant challenges we face today, from the hyper-acute (recovering from COVID-19, cost of living crisis) to the increasingly concerning (climate change), make it easy to feel overwhelmed and unsure what we can do. This report aims to identify where we are already succeeding and how we can use the knowledge and skills within our communities, the influence of the voluntary and private sectors and the support of local and national government to ensure the next generation lead happier, healthier lives.

Footnotes

[^] NCMP data for Northumberland is available for the year 20/21. National data for the same year is not available as due to the COVID pandemic not enough local authorities completed the NCMP to establish a national figure. Therefore, comparisons have been made to national figures of the preceding year (19/20).

* To find out more please see the National Obesity Observatory guide to classifying body mass index in children (22)

** Deprivation is calculated using the index of multiple deprivation (IMD). For further details please see the glossary.

1. Digital N. National Child Measurement Programme, England 2020/21 School Year 2021 [Available from: <https://digital.nhs.uk/data-and-information/publications/statistical/national-child-measurement-programme/2020-21-school-year>].
2. OHID. NCMP changes in the prevalence of child obesity between 2019 to 2020 and 2020 to 2021 Gov.uk2022 [Available from: <https://www.gov.uk/government/statistics/national-child-measurement-programme-ncmp-changes-in-child-bmi-between-2019-to-2020-and-2020-to-2021-ncmp-changes-in-the-prevalence-of-child-obesity-between-2019-to-2020-and-2020-to-2021>].
3. OHID. National Child Measurement Programme (NCMP) data for the 2020 to 2021 academic year by local authority 2022 [Available from: <https://www.gov.uk/government/statistics/national-child-measurement-programme-ncmp-data-for-the-2020-to-2021-academic-year-by-local-authority>].
4. Significant increase in obesity rates among primary-aged children, latest statistics show [press release]. 2021.
5. OHID. Fingertips: Public Health Data: Obesity Profile: England 2022 [Available from: <https://fingertips.phe.org.uk/profile/national-child-measurement-programme/data#page/1/gid/1938133368/pat/159/par/K02000001/ati/15/are/E92000001/yr/1/cid/4/tbm/1>].
6. Gao M, Piernas C, Astbury NM, Hippisley-Cox J, O'Rahilly S, Aveyard P, et al. Associations between body-mass index and COVID-19 severity in 6·9 million people in England: a prospective, community-based, cohort study. *The Lancet Diabetes & endocrinology*. 2021;9(6):350-9.
7. Williamson EJ, Walker AJ, Bhaskaran K, Bacon S, Bates C, Morton CE, et al. Factors associated with COVID-19-related death using OpenSAFELY. *Nature*. 2020;584(7821):430-6.
8. OHID. Fingertips: Public health data: Obesity Profile: Northumberland 2022 [Available from: <https://fingertips.phe.org.uk/profile/national-child-measurement-programme/data#page/4/gid/8000022/pat/6/par/E12000001/ati/302/are/E06000057/yr/1/cid/4/tbm/1>].
9. England PH. Chapter 6: wider determinants of health: Gov.uk; 2018 [Available from: <https://www.gov.uk/government/publications/health-profile-for-england-2018/chapter-6-wider-determinants-of-health#:~:text=The%20wider%20determinants%20of%20health,inequalities%20presented%20in%20chapter%205>].
10. Devaux M, Vuik S. The relationship between childhood obesity and educational outcomes. 2019.
11. Juonala M, Magnussen CG, Berenson GS, Venn A, Burns TL, Sabin MA, et al. Childhood adiposity, adult adiposity, and cardiovascular risk factors. *N Engl J Med*. 2011;365:1876-85.
12. Lindberg L, Hagman E, Danielsson P, Marcus C, Persson M. Anxiety and depression in children and adolescents with obesity: a nationwide study in Sweden. *BMC medicine*. 2020;18(1):1-9.
13. Cecchini M, Vuik S. The heavy burden of obesity. 2019.
14. Dobbs R, Sawers C, Thompson F, Manyika J, Woetzel JR, Child P, et al. Overcoming obesity: an initial economic analysis: McKinsey global institute; 2014.
15. Butland B, Jebb S, Kopelman P, McPherson K, Thomas S, Mardell J, et al. Foresight. Tackling obesities: future choices. Project report. Foresight Tackling obesities: future choices Project report. 2007.
16. Dimbleby H. National Food Strategy: The Plan (Part Two: Final Report). 2022.
17. Mărginean CO, Mărginean C, Meliș LE. New insights regarding genetic aspects of childhood obesity: a minireview. *Frontiers in pediatrics*. 2018;6:271.
18. Zelenytė V, Valius L, Domeikienė A, Gudaitė R, Endzinas Z, Šumskas L, et al. Body size perception, knowledge about obesity and factors associated with lifestyle change among patients, health care professionals and public health experts. *BMC Family Practice*. 2021;22(1):1-13.
19. Council NC, Group NCC. Joint Health and Wellbeing Strategy (JHWS). 2018.
20. Partnership NCYPsS. Northumberland Children & Young People's Plan 2019-2022. Northumberland County Council; 2019.
21. Ireland R. Introduction to the Local Authority Declaration on Healthy Weight. Food Active; 2022.
22. Dinsdale H, Ridler C, Ellis L. A simple guide to classifying body mass index in children. National Obesity Observatory, Oxford; 2011.
24. Adapted from Royal College of Paediatrics and Child Health growth charts, available from: <https://www.rcpch.ac.uk/resources/uk-who-growth-charts-2-18-years>



Healthy weight in the home

There are many factors within a family's environment and routine that can influence a child's weight.

Eating norms and culture

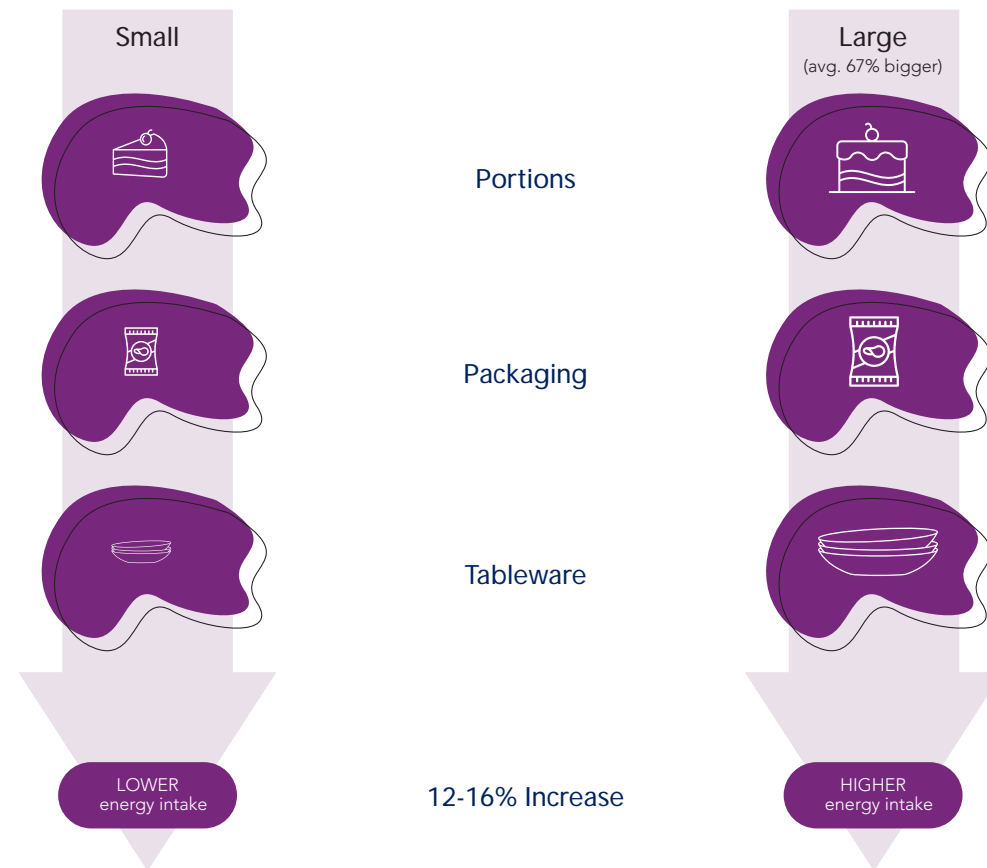
What and how we eat has changed fundamentally over the past hundred years:

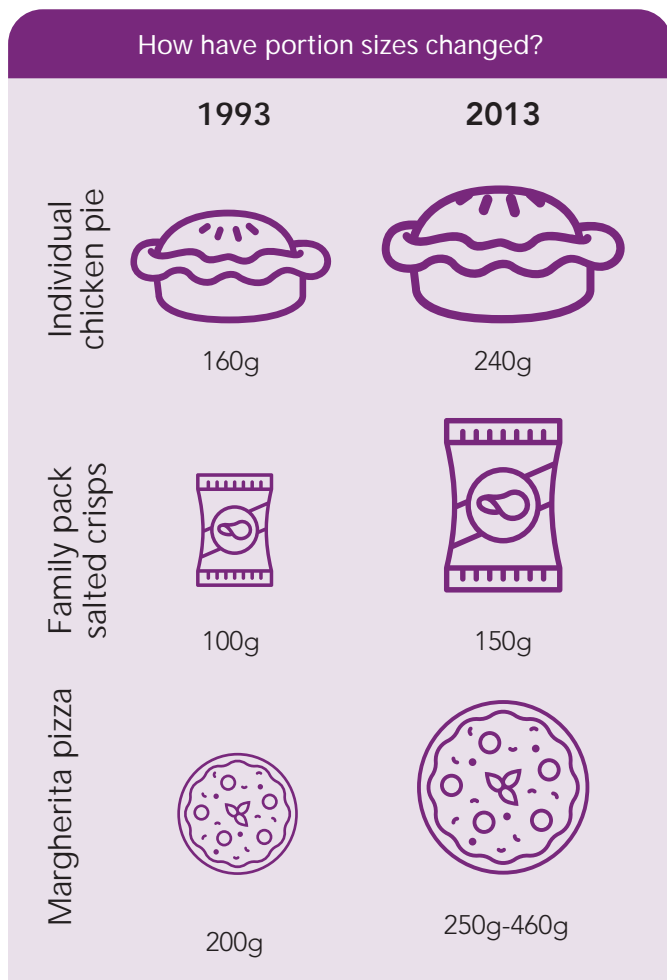
- An availability of less healthy foods that are high in fat, salt and/or sugar (HFSS).
- We now eat less fresh fruit and vegetables.
- Habits around mealtimes have changed and it is less common for families to sit and eat together. This has been influenced by the increase in lone parent families and where both parents work convenience is a bigger priority (1), especially with changes to employment patterns including more frequent shift work (2).

Increased portion sizes

Over a 20 year period the size of a packet of crisps has increased by 50%, and a margherita pizza has in some cases doubled in size (3). Larger portions, packaging and tableware all result in people eating more which can lead to weight gain (4, 5).

What impact do larger portions have?





Frequency of ready meals/take aways

The boom in home deliveries during lockdown saw a significant increase in the consumption of food made outside of the home, and the trend continues (1). Eating food from restaurants or fast-food outlets leads to higher intake of saturated fat, salt and an increase in daily total energy intake of around 200 calories (6). Despite moves to restrict the density and influence the location of takeaway outlets within communities (7) the speed of developments in the fast-food sector far outpace local government planning. An example of this includes companies trialling the use of drones to deliver food to customers (8).

Breastfeeding rates

In Northumberland (2021/22) under half (42.0%) of all babies were breastfed at 6-8 weeks after birth. This is slightly higher than the regional average (NE 37.0%) but lower than the England average (49.3%) (9). The good news is that in Northumberland breastfeeding has been increasing over the past 3 years and the gap with the England average has narrowed. Breastfeeding is incredibly important and protects against childhood obesity, particularly if continued for a longer period i.e. at least 6 months (10, 11).

Family budget

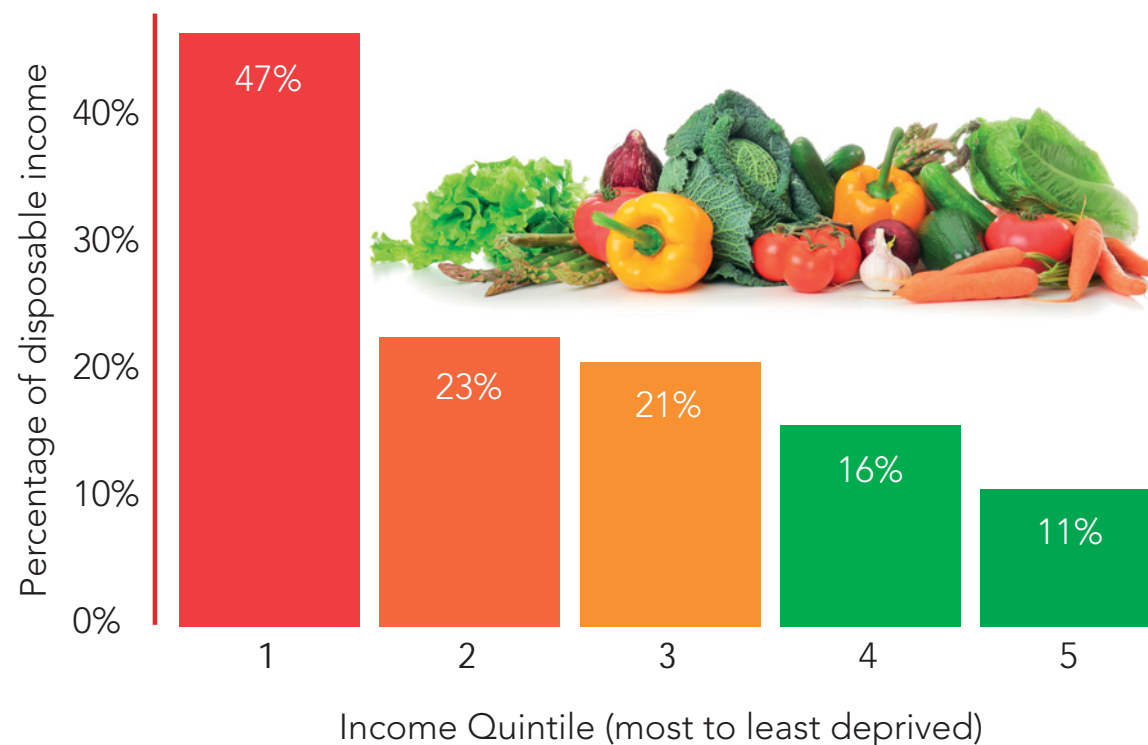
The poorest fifth of UK households would need to spend nearly half (47%) of their disposable income on food to meet the cost of the Government recommended healthy diet (12).

The current cost-of-living crisis means the price of food will be even more at the forefront of people's minds.

Highly processed foods – high in salt, refined carbohydrates, sugar and fats, and low in fibre – are on average three times cheaper per calorie than healthier foods (1).

The need to save on energy bills is also restricting the use of ovens, hobs and microwaves increasing reliance on ready-prepared food and less cooking from scratch.

Percentage of disposable income required to afford the Eatwell Guide by income quintile





Increased use of food banks

Increased use of food banks means more families are reliant on food that may not be nutritionally balanced, and this widens inequalities. Food banks are charity-run organisations which provide individuals who cannot afford food with emergency support in the form of food parcels. They rely on donations from individuals and businesses (such as supermarkets) and tend to stock food which is easy to store and has a long shelf-life (such as canned food) to ensure donations can be spread across the year (13). Food bank parcels are more likely to contain disproportionately high levels of sugar and carbohydrates and inadequate levels of vitamins such as vitamin D when compared to UK guidelines (14, 15).

Stress and anxiety

Living with financial hardship is extremely stressful, causing people to feel overwhelmed which makes it more difficult for parents to make healthier food choices or plan and cook meals (16). When we are tired or anxious, we often overeat and eat foods which make us feel better. As sugar, fat and salt stimulate the release of 'feel good' chemicals in our brains 'comfort food' is often high in these ingredients (1, 17, 18).

Access to basic equipment

There are currently an estimated 1.9 million people in the UK living without a cooker; 2.8 million people without a freezer; and 900,000 people without a fridge (19).

Lack of good quality sleep

Lack of good quality sleep has been linked to unhealthy weight in children, with studies finding that later bedtimes and sleeping less increased children's risk of developing overweight and/or obesity from infancy to adolescence (20-23). Lack of sleep could also lead to an increased intake of energy drinks, which will be covered more in the 'Healthy weight in schools' chapter.

Opportunities to build on

Breastfeeding support

We can increase the number of babies who are breastfed by further providing support to mothers and families. Despite breastfeeding being less common than we would like, the percentage of babies being breastfed in the first few months post birth in Northumberland has increased by over 5% since 2015/16 (9). This is likely to be the result of ongoing initiatives being led by midwives, health visitors and family hubs.



HENRY

The Health, Exercise and Nutrition for the Really Young (HENRY) programme is delivered across Northumberland, providing support for parents of children aged 0-5 years old. The programme comprises of eight sessions, working with families to help them in making positive changes that create happier and healthier home environments. Recent reports indicate that there is good engagement in Northumberland, with 87% of families completing all sessions and feedback from families is positive. Measures of success include healthier eating in parents and children as well as increased physical activity levels in parents and children (24). From 2023 we are investing in two additional HENRY programmes, one specifically designed for supporting parents in the antenatal period and the other supporting families with children aged 5 years and above (24).

Healthy Start scheme

Healthy Start is a UK-wide scheme which aims to provide a nutritional 'safety-net' for those who are pregnant and children under 4 years old in low-income families. The scheme provides families with support in buying milk and formula, fresh, frozen or tinned fruit and vegetables and pulses. Holders of a Healthy Start card can also request free vitamins during pregnancy and breastfeeding, or vitamin drops for their child. The most recent data from March 2022 suggests uptake of the scheme in Northumberland was at 80% (25).

Support to families

Northumberland County Council Public Health team, alongside wider stakeholders, are reviewing how best to support families of children who have been identified as being overweight or obese from the NCMP.

Case studies

HENRY

HENRY is a national charity supporting parents and carers through the Healthy Families: Right from the Start programme.

This 8-week intervention offers parents a chance to share ideas and gain new skills and tools to address lifestyle issues in a supportive and fun environment. The programme adopts a holistic approach and focuses on five research-identified risk factors for childhood obesity: parenting efficacy, family lifestyle habits, emotional wellbeing, nutrition and physical activity. HENRY's holistic approach to a healthy start helps children to flourish throughout childhood and beyond.

Last year within Northumberland 88% of participants in HENRY would 'definitely' recommend the programme to other families and 100% of families reported a healthier family lifestyle. Over half of children involved were active for 3+ hours a day and over 90% of people reported improved family eating habits (24).

Slow cooker sessions

Locally delivered food, cooking and eating sessions take place across the county. Many of these involve slow cookers which use less energy, are easy to use and quick to wash up. One example is Blyth Rotary Club, who have been running cooking sessions for five years in the Briardale Centre. Parents access these sessions via local schools and community groups, undertaking a course run by a local professional cook. This year, recipe booklets were provided by The Full Circle Food Project, a charity based in Hirst Park that educates people living in Northumberland about growing food to eat, healthy cooking on a budget and supporting healthier lifestyles.



Case studies

Infant Feeding Team

Claire, a young mum aged 20, first met the Infant Feeding Team after the birth of her second child. When her baby was 5 days old, she was experiencing initial difficulties with engorgement, sore nipples and a sleepy, jaundiced baby. As she hadn't breastfed her first daughter, Claire had normal concerns if she was doing ok with breastfeeding, so was supported during weekly home visits.

Later when Claire required surgery, the service provided advice on painkillers compatible with breastfeeding as well as equipment needed to express milk prior to going into hospital. As a result, her baby drank expressed breast milk during her hospital stay and she was able to continue breastfeeding on return home.

Now her baby is 12 weeks old, and Claire continues to exclusively breastfeed, praising the benefits to her and her baby's health as well as the economic benefits for her family. She regularly attends local 'walk and talk' sessions sharing her experience with other local mums, making new friends and normalising breastfeeding within her community.

1. Dimbleby H. National Food Strategy: The Plan (Part Two: Final Report). 2022.
2. Cheetham M, Rushmer R. Research findings from Fit 4 the Future: a place-based, community led, transformative approach to improve wellbeing and address childhood obesity. Teesside University; 2017.
3. Marteau TM, Hollands GJ, Shemilt I, Jebb SA. Downsizing: policy options to reduce portion sizes to help tackle obesity. *Bmj*. 2015;351.
4. Hollands GJ, Shemilt I, Marteau TM, Jebb SA, Lewis HB, Wei Y, et al. Portion, package or tableware size for changing selection and consumption of food, alcohol and tobacco. *Cochrane database of systematic reviews*. 2015(9).
5. Zlatevska N, Dubelaar C, Holden SS. Sizing up the effect of portion size on consumption: a meta-analytic review. *Journal of Marketing*. 2014;78(3):140-54.
6. Nguyen BT, Powell LM. The impact of restaurant consumption among US adults: effects on energy and nutrient intakes. *Public health nutrition*. 2014;17(11):2445-52.
7. Council NC. Northumberland Local Plan 2016 - 2036. 2022.
8. Morrison O. 'This will all begin to scale across Europe from 2023 onwards': Food delivery by drone prepares for take-off after UK watchdog approval *Food Navigator.com*2021 [Available from: <https://www.foodnavigator.com/Article/2021/04/20/This-will-all-begin-to-scale-across-Europe-from-2023-onwards-Food-delivery-by-drone-prepares-for-take-off-after-UK-watchdog-approval>].
9. OHID. Fingertips: Public health profiles: Northumberland: Breastfeeding 2022 [Available from: <https://fingertips.phe.org.uk/search/breastfeeding#page/1/gid/1/pat/6/ati/402/are/E06000057/iid/92517/age/170/sex/4/cat/-1/ctp/-1/yr/1/cid/4/tbm/1>].
10. Rito AI, Buoncristiano M, Spinelli A, Salanave B, Kunešová M, Hejgaard T, et al. Association between characteristics at birth, breastfeeding and obesity in 22 countries: The WHO European Childhood Obesity Surveillance Initiative–COSI 2015/2017. *Obesity facts*. 2019;12(2):226-43.
11. Yan J, Liu L, Zhu Y, Huang G, Wang PP. The association between breastfeeding and childhood obesity: a meta-analysis. *BMC public health*. 2014;14(1):1-11.
12. Goudie S, Hughes I. The Broken Plate 2022: The State of the Nation's Food System The Nuffield Foundation; 2022.
13. Trust TT. How Food Banks Work [Available from: <https://www.trusselltrust.org/what-we-do/how-foodbanks-work/>].
14. Fallaize R, Newlove J, White A, Lovegrove JA. Nutritional adequacy and content of food bank parcels in Oxfordshire, UK: a comparative analysis of independent and organisational provision. *Journal of Human Nutrition and Dietetics*. 2020;33(4):477-86.
15. Hughes D, Prayogo E. A nutritional analysis of the trussell trust emergency food parcel. *Trussell Trust, University College London, London*. 2018.
16. Laraia BA, Leak TM, Tester JM, Leung CW. Biobehavioral factors that shape nutrition in low-income populations: a narrative review. *American journal of preventive medicine*. 2017;52(2):S118-S26.
17. Avena NM, Rada P, Hoebel BG. Evidence for sugar addiction: behavioral and neurochemical effects of intermittent, excessive sugar intake. *Neuroscience & Biobehavioral Reviews*. 2008;32(1):20-39.
18. Reyes T. High-fat diet alters the dopamine and opioid systems: effects across development. *International journal of obesity supplements*. 2012;2(2):S25-S8.
19. Cave T, Evans L, Geer M. Living Without: The scale and impact of appliance poverty. *Turn2Us*; 2020.
20. Morrissey B, Taveras E, Allender S, Strugnell C. Sleep and obesity among children: a systematic review of multiple sleep dimensions. *Pediatric obesity*. 2020;15(4):e12619.
21. Xiu L, Ekstedt M, Hagströmer M, Bruni O, Bergqvist-Norén L, Marcus C. Sleep and adiposity in children from 2 to 6 years of age. *Pediatrics*. 2020;145(3).
22. Li L, Zhang S, Huang Y, Chen K. Sleep duration and obesity in children: a systematic review and meta-analysis of prospective cohort studies. *Journal of paediatrics and child health*. 2017;53(4):378-85.
23. Miller MA, Krusbrink M, Wallace J, Ji C, Cappuccio FP. Sleep duration and incidence of obesity in infants, children, and adolescents: a systematic review and meta-analysis of prospective studies. *Sleep*. 2018;41(4):zsy018.
24. HENRY. Healthy Families: Right from the Start: Annual Report 2021/22. 2022.
25. NHS. Get help to buy food and milk (the Healthy Start scheme) 2022 [Available from: <https://www.healthystart.nhs.uk/>].



Healthy weight in our communities

Maintaining a healthy weight is challenging because of the complex interaction of social, political and environmental factors which shape our food environment. The availability, advertising and accessibility of food influences what, where and when we eat.

Part A: Food environment

Availability of healthy food is decreasing in our communities. On an English high street, more than 1 in 4 places to buy food may be fast food outlets, and this has been increasing since 2019 (1). There is a clear association between poverty and the density of fast-food outlets in the UK, with almost twice as many in the most deprived areas (2, 3), a pattern also seen in Northumberland (4). This can make accessing healthy food even harder for those with less disposable income.

We buy more unhealthy food than other European countries. Half (50%) of UK household food purchases are ultra-processed foods compared to 46% in Germany, 14% in France and 13% in Italy (2). Processed or ultra-processed foods are often HFSS and lower in fibre and water (2). Not only is eating processed food worse for our health, but we also tend to eat more of it (2, 5).

Access to healthy food for families is influenced by public or personal transport and distance to shops. Nationally around 3.3 million people cannot purchase raw ingredients within 15 minutes by public transport and the lowest income households are less likely to have a car (2, 6). In Northumberland's rural communities, access to healthy food can be a real challenge.

Advertising and promotions on foods high in fat, sugar and salt significantly influences what families buy. Those from lower socio-economic groups are 50% more likely to be exposed to adverts for HFSS foods than those from higher socio-economic groups (1). Foods marketed for children including breakfast cereals and yoghurts are often high in sugar and 'Buy One Get One Free' (BOGOF) promotions are disproportionately applied to these foods (7). National evidence suggests that 43% of food and drinks displayed prominently in shops were high in sugar and less than 1% were fruit or vegetables (8).

What is being done?

National legislation

The 2018 Soft Drinks Industry Levy ('sugar tax') led to a widespread reduction of sugar in drinks, and UK residents consumed an estimated 6,500 fewer calories per year (9). Planned Government legislation including banning multibuy promotions on HFSS products and free sugary drink refills in the 'eating out' sector was due to come into force in October 2022 (10). It is unclear whether this policy will be reviewed, and we await an update on progress.

Nourish Northumberland

Nourish Northumberland, a countywide partnership works with communities to create solutions, so our families have resilient access to healthy food.

Projects include:

- Seed to Fork: introducing children to growing food, understanding healthy eating and sampling what is grown.
- Berwick Food and Drink Festival: incorporated free healthy pizza making sessions with children.
- Castlegate Community Garden: a community garden maintained by children/young people from the Community Crew (a local youth group). "Members of the community are encouraged to pick the herbs, and fruit to cook with and eat when passing by and often parents are seen leaping out of a car or stopping with a pushchair to pick herbs before heading home to cook tea!" (Becci Murray, Operations Director, Berwick Community Trust)



Northumberland County Council Hot Food Takeaway Policy (2018)

This policy aims to limit the number of hot food takeaways, particularly where there are high numbers of children and young people, by restricting new hot food takeaways:

- In areas where over 35% of Year 6 pupils have overweight or obesity status.
- In areas where there are already more than a certain number of hot food takeaways per resident.
- Within 400m of a school or college.
- If there would be a cluster of three or more such businesses within 100m of each other.
- If it would replace the last convenience store or public house in a village, or the last convenience store serving a residential area (4).

Part B: Our physical environment

Physical activity combined with a balanced diet contributes to achieving and maintaining a healthy weight. Although physical activity alone is not the most effective way to lose weight, it is important for maintaining healthy weight (11) and has widespread benefits for children including:

- improved academic performance
- reduced risk of depression, anxiety and stress
- healthier lungs, heart, muscles and bones
- increased confidence and self-esteem (12, 13)

In Northumberland, data from Sport England shows 53% of those aged 5-16 years meet the recommended Government guidelines of being active for an average of at least 60 minutes per day, however 21% are active for less than 30 minutes a day (14).

In Northumberland, the number of adults who walk for leisure is higher than the England average (15) but walking and cycling 'for utility' as part of people's daily routine is less common. The number of children who undertake 'active travel' has decreased. Between 2003-2018 the percentage of children walking to school decreased by over 10% and the percentage cycling remained low (15). Encouraging active travel, for example through the use of travel plans, can play a key role in making children and young people more physically active (16, 17).

Challenges to being physically active:

Access to spaces, equipment and/or opportunities influence levels of physical activity for all. Access to green space increases physical activity (18) and helps provide:

- Improved mental health – living within 1km of green space is associated with better mental health especially for children under 12 (19).
- Improved immune system.
- A greater sense of community and social inclusion in children.
- Lower crime in disadvantaged neighbourhoods.
- Lower rates of obesity.
- Reduced exposure to air pollution which can influence cognitive development (18).

Perception of safety, the safer people feel, the more likely they are to be physically active (20-22).

A lack of confidence and skills are common reasons given for not undertaking physical activities such as cycling (23).

Gender differences in physical activity start early and persist into adulthood. Specific activities such as cycling also have a gender gap.

Feasibility and convenience of undertaking journeys by active versus inactive means influence families' choices and routines (24). Households without access

to a car make significantly more trips and travel almost three times further on foot than those with access to a car (15).

The impact of technology has changed how young people interact, relax and play. This could explain lower levels of physical activity (25-28), more so in our older children. Of the children surveyed, Northumberland's Health Related Behaviour Questionnaire (HRBQ) suggests time spent on devices including a computer, games console, tablet or smartphone ranges from 1 hour up to over 5 hours (29).

Opportunities to build on

The Government has set new national targets for cycling and walking including:

- Ensuring cycling and walking become the first choice for many journeys, accounting for half of all journeys in towns and cities by 2030.
- Increasing the percentage of children aged 5 to 10 who usually walk to school from 49% in 2014 to 55% in 2025.
- Doubling cycling by 2025 (30).

Improving infrastructure

Northumberland County Council is developing Local Cycling and Walking Infrastructure Plans (LCWIPS) to improve cycle pathways and connections across the county to meet these targets. This is all part of the 'Our Way' strategy for Northumberland.

Cycling schools

Northumberland County Council's Go Smarter Team is working within schools to increase confidence and skills of young people, and the ongoing development of 'cycle libraries' aims to increase access to bicycles within communities.

Case studies

Wheels for All

Wheels for All (WFA) is a national charity who provide a platform for disabled people or others who may not have access to a cycling resource. With 50 WFA centres across the UK, the charity provides a network of accessible riding locations to suit a rider's needs, such as traffic free environments, community areas and on road cycle training.

Each centre comprises a variety of accredited WFA leaders and volunteers helping participants plan and work towards their cycling goals, be it for:

- Physical and mental health benefits
- Mobility support
- Transport solutions
- Social interaction

Each centre explores the needs of a rider and finds the right cycle for them. Due to the nature of adapted cycle design, adapted cycle variation and availability is not as common as a standard pedal two-wheel cycle.

Typically, a WFA centre allows its participants both social and private platforms to seek the benefits through riding that matter to them. In many cases participants may use a WFA session to substitute part of their weekly physiotherapy programme. This can often lead to private use of adapted cycles to help with mobility issues, for example when using parks, visiting towns and cities, general exercise or even as a transport solution.



Case studies

School streets

A joint programme between Northumberland County Council's Highways Improvement Team and Go Smarter Safe Routes to School aims to improve road safety and reduce traffic management issues experienced outside schools.

This programme works with schools, to roll out infrastructure solutions alongside promoting alternative modes of transport such as walking and cycling. Where appropriate, School Streets are also considered as a solution to congestion issues outside schools. The introduction of a School Street enables the area around the school to be closed to cars at the start and end of the school day, (residents are exempt); pupils are encouraged to walk, cycle or scoot to school instead.

To date, School Streets have been implemented at five schools: Josephine Butler Primary, Newsham Primary School, Blyth New Delaval Primary School, Hareside Primary School and Seaton Sluice Primary School, with a further six schools under consideration.

Road safety improvements are also introduced around schools, where considered necessary, as part of the Local Transport Plan. These include pedestrian crossings, improvements to footways and cycleways.

The Council also has a policy to introduce 20mph speed limits outside schools across the county provided it is feasible to do so, aimed at slowing traffic and improving safety, and there are a number of School Crossing Patrol sites. These assist with safe crossing of roads at key locations on the route to school and encourage people to make the journey by active and sustainable means.



1. Goudie S, Hughes I. The Broken Plate 2022: The State of the Nation's Food System The Nuffield Foundation; 2022.
2. Dimbleby H. National Food Strategy: The Plan (Part Two: Final Report). 2022.
3. Marmot M. Health equity in England: the Marmot review 10 years on. *Bmj*. 2020;368.
4. Council NC. Northumberland Local Plan 2016 - 2036. 2022.
5. De Graaf C, Kok FJ. Slow food, fast food and the control of food intake. *Nature Reviews Endocrinology*. 2010;6(5):290-3.
6. Lucas K, Stokes G, Bastiaanssen J, Burkinshaw J. Inequalities in mobility and access in the UK transport system. *Future of Mobility: Evidence Review*, Government Office for Science. 2019.
7. Tedstone A, Targett V, Allen R. Sugar reduction: the evidence for action. *Sugar reduction: the evidence for action*. 2015.
8. Alliance OH. Out of place: the extent of unhealthy foods in prime locations in supermarkets. 2018.
9. Dickson A, Gehrsitz M, Kemp J. How the UK Soft Drinks Levy reduced the population's calorie intake. *British Politics and Policy at LSE*. 2021.
10. Care DoHaS. Promotions of unhealthy foods restricted from October 2022 2021 [Available from: <https://www.gov.uk/government/news/promotions-of-unhealthy-foods-restricted-from-october-2022>].
11. Balfour J, Boster J. Physical Activity And Weight Loss Maintenance. StatPearls [Internet]: StatPearls Publishing; 2022.
12. Services USDoHaH. Physical Activity Guidelines for Americans. Washington, DC: Department of Health and Human Services; 2018.
13. Chalkley A, Milton K, Foster C. Change4Life Evidence Review: Rapid evidence review on the effect of physical activity participation among children aged 5-11 years: Public Health England; 2015.
14. RISE. Active Lives: Children and Young People Survey: Academic Year 2019-2020.
15. Transport Df. Walking and cycling statistics, England: 2021 2022 [Available from: <https://www.gov.uk/government/statistics/walking-and-cycling-statistics-england-2021/walking-and-cycling-statistics-england-2021>].
16. Cooper AR, Jago R, Southward EF, Page AS. Active travel and physical activity across the school transition: the PEACH project. *Medicine and science in sports and exercise*. 2012;44(10):1890-7.
17. Mackett R, Lucas L, Paskins J, Turbin J. Walking buses in Hertfordshire: Impacts and lessons. University College London London, England Retrieved from https://my.wpi.edu/bbcswebdav/pid-162797-dt-content-rid-867904_1/courses/ID2050-D13-D01/Walking bus report-UCL.pdf.2005.
18. Organization WH. Urban green spaces and health. World Health Organization. Regional Office for Europe; 2016.
19. Maas J, Verheij RA, de Vries S, Spreeuwenberg P, Schellevis FG, Groenewegen PP. Morbidity is related to a green living environment. *Journal of Epidemiology & Community Health*. 2009;63(12):967-73.
20. Rees-Punia E, Hathaway ED, Gay JL. Crime, perceived safety, and physical activity: A meta-analysis. *Preventive medicine*. 2018;111:307-13.
21. Cheetham M, Rushmer R. Research findings from Fit 4 the Future: a place-based, community led, transformative approach to improve wellbeing and address childhood obesity. Teesside University; 2017.
22. Fisher E, Keeble E, Paddison C, Cheung R, Hargreaves D. Childhood obesity: is where you live important? 2022.
23. Wills A. Majority of parents believe learning to ride a bike is 'a vital life skill' for children, study reveals. *Cycling UK*. 2019.
24. Lorenc T, Brunton G, Oliver S, Oliver K, Oakley A. Attitudes to walking and cycling among children, young people and parents: a systematic review. *Journal of Epidemiology & Community Health*. 2008;62(10):852-7.
25. O'Keefe L. Active Lives Children and Young People Survey: Academic year 2020/21. Sport England; 2021.
26. O'Keefe L. Active Lives Children and Young People Survey: Academic year 2017/18. Sport England; 2018.
27. O'Keefe L. Active Lives Children and Young People Survey: Academic year 2018/19. Sport England; 2019.
28. O'Keefe L. Active Lives Children and Young People Survey: Academic year 2019/20. Sport England; 2021.
29. Unit SHE. The Northumberland Children and Young People's Health Related Behaviour Survey 2021. 2021.
30. England AT. The second cycling and walking investment strategy (CWIS2). In: Transport Df, editor. 2022.



Healthy weight in schools

School is an important part of most children's lives and has a role in helping children and young people achieve and maintain a healthy weight (1). School is important as:

- a food environment
- a learning environment
- an activity environment

Part A: Food environment

Meal provision

Pupils in primary and secondary schools in Northumberland can either bring a packed lunch or eat a school meal.

We know that children who are hungry find it harder to concentrate which can impact on their and others' learning (2). In England, since 2014, under the Universal Infant Free School Meal (UIFSM) policy (3) children in:

- Reception to Year 2 (ages 4-7) are offered a free school lunch regardless of parental income (3).
- Year 3 and above, may be eligible for free school meals (FSM) (4, 5).

Many schools go the extra mile, providing breakfast clubs and ensuring children have a hot nutritious meal beyond the FSM provision offer.

Infants who eat FSM are more likely to maintain a healthy weight as UIFSM have low fat content (3, 6). However, inconsistent reach and uptake means that not all children who would benefit receive an FSM. Uptake is not universally consistent and has been found to be lower in communities experiencing inequalities (7, 8). Children from lower-income families who are ineligible

for FSM are more likely to take a packed lunch which may be less healthy (2). Similarly, whilst FSM eligibility is based on access to certain benefits, this excludes those (nearly 2 in 10 people) experiencing 'in-work poverty' (12) which, in 2020, meant that more than 1 in 6 households may have been unable to access FSM (7, 8). Current cost of living pressures mean that this gap could increase even further in future.

In 2022 the proportion of children receiving FSM in England was the highest since the 1990s (5). In the North East, 3 in 10 pupils receive FSM compared to the 2 in 10 England average (9). Northumberland has the lowest percentage of children receiving FSM within the North East, however data does not identify variations in uptake across the county.

In England, school meals must meet School Food Plan (2014) standards including portion size, provision of healthy drinks and frequency of provision of certain foods (10). Northumberland schools can commission a local authority (LA) school meals plan which provides summer and winter menus, calculated according to Government nutritional guidelines. In Northumberland, those schools that take up the LA offer are known to provide a menu in-line with governmental nutritional standards.



Part B: Learning environment

The School Food Plan requires schools to teach cookery and nutrition to all children up to age 14 (2). Beyond this, including healthy weight themes in the Personal, Social, Health and Economic (PSHE) curriculum is not mandatory.

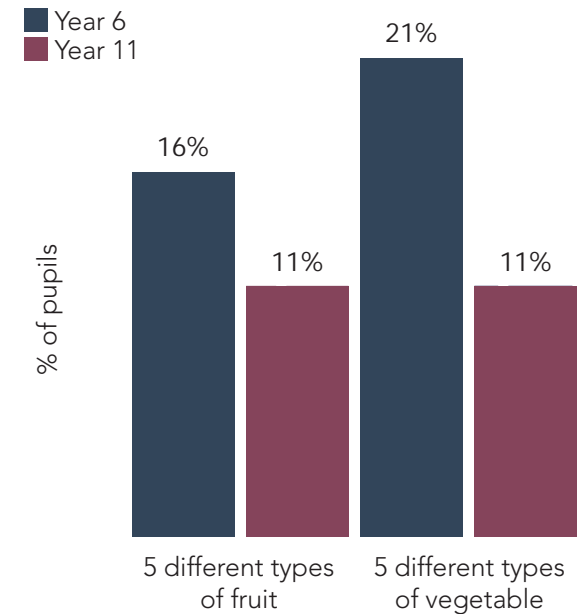
As children get older, they gain more independence, and parents and school often have less influence over what and when they eat. Eating breakfast and energy drink consumption are examples of how young people's behaviour can change as independence around choice shifts.

- Young people who eat breakfast may sleep better, exercise more frequently, have a healthier diet and better school attendance (11). Eating breakfast has also been linked to drinking less caffeine including cola, coffee or energy drinks (11). However, children are more likely to miss breakfast as they progress through secondary school (11).
- Sales and consumption of sports and energy drinks within the UK have increased rapidly over the past decade. Evidence identifies that up to a third of children in the UK consume caffeinated energy drinks weekly (12). An average energy drink contains more than the entire maximum daily recommended UK adult sugar intake (30g) (13). Many of these drinks are consumed by children, for whom the recommended daily sugar intake is lower (19g 4-6yrs old, 24g 7-10yrs old).

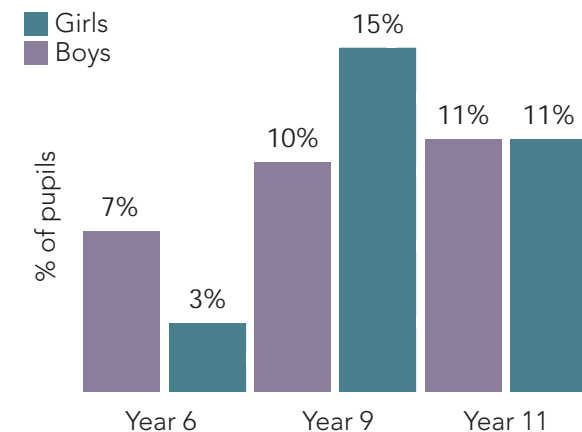
In Northumberland the 2021 Health-Related Behaviours Questionnaire (HRBQ) provided insights into eating patterns of school-age children. While young people's behaviour is influenced by home and community environments their responses identify some issues that could be addressed at school. We know that:

- Intake of more than 5 types (not portions) of fruit and vegetables decreases with age:
 - 16% of Year 6 pupils report eating over 5 different types of fruit a day, 21% over 5 different types of vegetables.
 - By Year 11 this is 11% for both fruits and vegetables (14)
- 3% of Year 6 pupils stated they don't normally have anything to eat or drink before school, for Year 11 pupils this was around 18% (11, 14).
- A quarter of Year 6 pupils and a fifth of Year 9 and Year 11 said they do not normally drink water every day (14)
- For Year 6 boys the second most popular daily drink (after water) was fruit juice, for girls this was diluted juice/squash/cordial. In Year 11 for boys this was fizzy drinks / pop, for girls it was tea or coffee (14)
- In Northumberland the number of children who drink energy drinks each day increases as they get older, which follows national trends(12).
 - 7% of Year 6 boys and 3% Year 6 girls
 - 10% of Year 9 boys and 15% Year 9 girls
 - 11% of Year 11 boys and 11% Year 11 girls (14)

Pupils eating fruit and veg a day (%) according to the Northumberland 2021 HRBQ



Pupils who drink energy drinks normally each day (%) according to the Northumberland 2021 HRBQ



Part C:

Physical activity environment

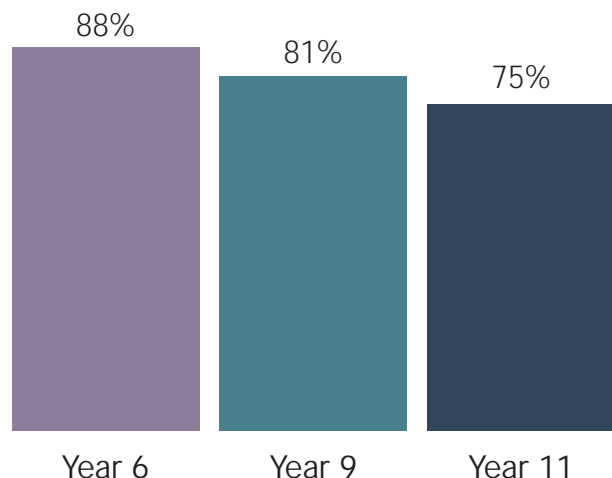
Curriculum

Physical Education (PE) is a part of the national curriculum across all key stages (up to age 16), including mandatory swimming in either key stage 1 or 2 (Ages 5-11) (15, 16). Whilst many parents are keen to see more time in the curriculum for PE a recent Ofsted report found that only 69% of 60 primary schools visited timetabled two or more hours of PE each week (8).

Activity levels and enjoyment of sport and exercise in young people decrease with age (14), which can be related to increased interest in/use of technology for recreation. During school hours mandatory PE could be a good way of encouraging consistent levels of activity across age groups.

(Year 6 (88%), Year 9 (81%), Year 11 (75%) of pupils responded that they 'agree' or 'strongly agree' that they enjoy taking part in exercise and sport).

Pupils who 'agree' or 'strongly agree' that they enjoy taking part in exercise and sport according to the 2021 HRBQ



Challenges to being physically active in school can include:

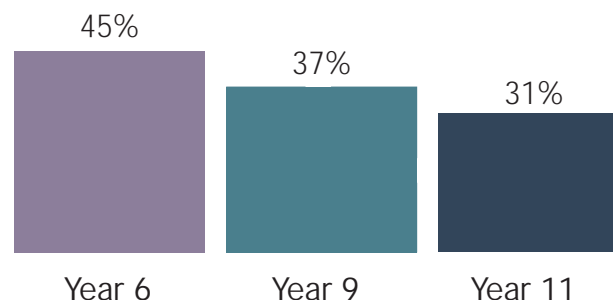
- Cost, however low-cost alternatives can be introduced and enjoyed (8).
- Gender Specific Barriers - often adolescent girls report experiencing social pressures, fear of forced competition and negative experiences relating to school PE kit and changing facilities (17, 18).
- Traffic levels and lack of safe cycle or scooter storage can deter parents and children from taking up active travel opportunities (17).

In Northumberland, the 2021 HRBQ highlighted that:

- 45% of Year 6 pupils and 31% of Year 11 pupils stated that they were physically active for an hour or more on at least 5 days in the last 7 days (14). This, despite the majority (88% in Year 6, 75% in Year 11) saying they enjoy taking part in exercise and sport (14).
- One in ten Year 11 pupils reported high levels of inactivity, saying they were physically active for less than one hour on any one day in the 7 days before the survey (14).

(Year 6 (45%), Year 9 (37%), Year 11 (31%) of pupils responded that they were physically active for an hour or more on at least 5 days in the 7 days before the survey)

Pupils who were physically active ≥ 1 hour on at least 5 out of the 7 days preceding the survey according to the 2021 HRBQ



Opportunities to build on

In Northumberland we have:

- A good PE support offer available to schools through Active Northumberland schools games programme which encourages an extra 30 minutes of daily activity.
- Targeted support with SEND schools in South East Northumberland through the Ability2Play programme <https://www.facebook.com/Ability2Play>
- As set out in the 'Healthy weight in our communities' chapter work is underway around the broader cycling infrastructure (LCWIPS) and road safety and traffic management infrastructures around schools (School Streets) which will increase availability of opportunities for walking and cycling for all. In addition, work is being taken forward by the Go Smarter team which will support young people to have increased confidence and access to equipment to enable them to take up these opportunities.
- Health Trainers from Northumberland County Council Public Health Service continue to work in partnership with Alnwick Garden to develop the fun and engaging Roots and Shoots programme. This offers unique education and gardening sessions for school children to increase their knowledge around healthy eating and the importance of having an active lifestyle.

Case studies

Holiday Activities and Food Programme (HAF)

Northumberland County Council and Leading Link have been running holiday activities for four years and this year is being supported with funding from the Department for Education (DfE).

School holidays can be difficult for some families because of increased costs and reduced incomes. Children from lower-income families may have less access to fun activities and experience 'unhealthy holidays' because of changes in their diet and physical activity.

HAF supports families across Northumberland so that children can:

- eat healthily and be active over the school holidays
- take part in a wide variety of engaging and enriching activities which help build resilience and support their wellbeing and educational attainment
- be safe and are not socially isolated
- have a greater knowledge of health and nutrition
- be more engaged with school and other local services.

The programme has received national recognition and is co-designed with community partners, young leaders, children and their families.

Children and young people who would benefit are invited to attend through their school and other partners. Most children who attend are eligible for free school meals and around 14% of children who participate in HAF have additional needs.

Work is underway with DfE to develop a programme for secondary school aged pupils linked to life skills and employment.





1. Brazendale K, Beets MW, Weaver RG, Pate RR, Turner-McGrievy GM, Kaczynski AT, et al. Understanding differences between summer vs. school obesogenic behaviors of children: the structured days hypothesis. *International Journal of Behavioral Nutrition and Physical Activity*. 2017;14(1):1-14.
2. Dimbleby H. *National Food Strategy: The Plan (Part Two: Final Report)*. 2022.
3. Parnham JC, Chang K, Millett C, Lavery AA, von Hinke S, Pearson-Stuttard J, et al. The impact of the Universal Infant Free School Meal policy on dietary quality in English and Scottish primary school children: evaluation of a natural experiment. *Nutrients*. 2022;14(8):1602.
4. Council NC. *School Meals* [Available from: <https://www.northumberland.gov.uk/Education/Schools/Meals.aspx>].
5. Long R, Danechi S, Roberts N. *School Meals and Nutritional Standards (England)*. The Commons Library; 2022.
6. Holford A, Rabe B. Impact of the universal infant free school meal policy. Colchester: Institute for Social and Economic Research. 2020.
7. McNeil C, Parkes H, Garthwaite K, Patrick R. No longer 'managing': the rise of working poverty and fixing Britain's broken social settlement. 2021.
8. Lewis S, Holmes S, Morris S. Obesity, healthy eating and physical activity in primary schools. 2018.
9. Gov.uk. *Schools, pupils and their characteristics: Pupil characteristics: Free school meals 2022* [Available from: <https://explore-education-statistics.service.gov.uk/data-tables/fast-track/87182242-6c3a-4eb1-b5fc-d91da60207e9>].
10. Education Df. *School food standards practical guide 2022* [Available from: <https://www.gov.uk/government/publications/school-food-standards-resources-for-schools/school-food-standards-practical-guide>].
11. Richards G, Smith AP. Breakfast and energy drink consumption in secondary school children: breakfast omission, in isolation or in combination with frequent energy drink use, is associated with stress, anxiety, and depression cross-sectionally, but not at 6-month follow-up. *Frontiers in Psychology*. 2016;7:106.
12. Khouja C, Kneale D, Brunton G, Raine G, Stansfield C, Sowden A, et al. Consumption and effects of caffeinated energy drinks in young people: an overview of systematic reviews and secondary analysis of UK data to inform policy. *BMJ open*. 2022;12(2):e047746.
13. Hashem KM, He FJ, MacGregor GA. Cross-sectional surveys of the amount of sugar, energy and caffeine in sugar-sweetened drinks marketed and consumed as energy drinks in the UK between 2015 and 2017: monitoring reformulation progress. *BMJ open*. 2018;7(12):e018136.
14. Unit SHE. *The Northumberland Children and Young People's Health Related Behaviour Survey 2021*. 2021.
15. Education Df. *National curriculum in England: Key stages 1 and 2 framework document*. 2013.
16. Education Df. *National curriculum in England: Key stages 3 and 4 framework document*. 2014.
17. Guideline N. *Physical activity for children and young people*. 2009.
18. Barr-Anderson DJ, Neumark-Sztainer D, Lytle L, Schmitz KH, Ward DS, Conway TL, et al. But I like PE: Factors associated with enjoyment of physical education class in middle school girls. *Research Quarterly for exercise and Sport*. 2008;79(1):18-27.



Healthy weight in healthcare

Overweight and obesity are linked to many long-term health conditions. People who are overweight or obese are more likely to be seen in General Practice or admitted to hospital.

In 2019/20 there were over 6,300 obesity related admissions in Northumberland (1). This was an increase of 39% from 2018/19 (2). Although admissions linked to obesity remain low in under 24 year olds, we know that children who are overweight and obese are more at risk of becoming overweight or obese adults.

Healthcare settings are ideally placed to start the conversation about healthy weight: brief and opportunistic conversations in primary care can significantly encourage people to manage weight (3). Although healthcare staff (particularly in primary care) are well-placed to start discussions with families around a child's healthy weight there are several key barriers that can make this difficult.

Barriers

Lack of recognition by the parent and/or healthcare staff that a child is overweight. Almost a third of parents (31%) underestimated their child's BMI when asked to identify their child's weight status (4). Parents were far more likely to identify their child as overweight when they fell at the extreme ends of the spectrum.

Increased prevalence of overweight / obesity in society is changing our perception of what a 'healthy weight' body type looks like and making these conditions harder to recognise (5). This is exacerbated by the fact that media portrayals of obesity often feature examples of severe obesity that do not reflect the appearance of most individuals who are overweight or obese (6).

Personal weight stigma is a term used to describe the negative perceptions associated with overweight or obesity (7). These are often portrayed in the media as controllable conditions and people with them are seen as lazy, greedy and lacking in self-discipline (8, 9). This type of portrayal can reinforce the idea that overweight and obesity are an entirely personal responsibility and can increase dislike for people with these conditions (8).

In Northumberland over a quarter of Year 9 children (aged 13-14) say they have been picked on or bullied for their size or weight (10). Weight stigma can have a significant impact on children's mental health and wellbeing including increasing their risk of depression (11, 12) and even suicidal thoughts (13). Weight stigma has even been linked to poorer physical health as teenagers who experience it are more likely to develop type 2 diabetes and cardiovascular disease (which can lead to heart attacks and strokes) in later life (14).

Professional weight stigma can occur when healthcare professionals approach overweight and obesity in a negative way. A recent study which pulled data from social media comments (totalling over 5,500) highlighted that people who identified as living with overweight or obesity felt their quality of care was significantly lower, particularly around effective treatment and emotional support (15).

Local referral pathways

NICE Guidelines focus on discussing lifestyle changes with recommended regular and long-term follow-up, as well as referral to a weight management programme if it is available (16). There are currently no specific weight management services for children in Northumberland. At a North-East regional level there is a lot of variability. There is a local pathway for children with health issues related to their weight (see Appendix 1). However, this is designed to manage these health conditions and does not provide continued support for achieving a healthy weight. Development of referral pathways is further complicated by the fact that there is no clear evidence that one type of intervention is effective. Instead interventions need to be tailored to the child and their family and integrated across all the systems where they live and play (17).

What is available to health care providers?

Earlier recognition of unhealthy weight

There is ongoing work to try and increase parents' accuracy of recognising their child's weight status (18). Researchers from Newcastle University have developed the MapMe Tool which shows where children fall on a healthy weight scale (19).

Brief intervention and making every contact count

Opportunities to discuss weight status include:

- The Personal Child Health Record (PCHR) or 'red book'. This is a national standard health and development record given to parents / carers. It includes a record of key growth and development information including growth charts that identify when a child is straying outside of a healthy weight for their age / height.
- Immunisation appointments
- In Reception (~5 years) following receipt of NCMP letter.
- In Year 6 (10-11 years) following receipt of NCMP letter.

Good uptake of the NCMP has been identified as key by many areas with stable or declining childhood obesity rates (20). Northumberland has excellent engagement with over 95% of schools involved in the NCMP every year. This is consistently higher than the England average (21). However, while engagement with the NCMP is strong, the data collected is rarely shared directly with General Practices. Better data sharing may help to identify families who need support earlier and help to situate that support within their community networks.

Talking about weight

Talking to a young person or parent about healthy weight often remains a difficult conversation. A national toolkit encourages weighing children within a consultation to help parents or carers recognise when their child is overweight or obese, as well as reinforcing to families that there is a wide range of healthy weight for children depending on age, height and sex (22). Focussing on brief interventions is key, as lack of time was quoted by UK healthcare professionals as one of the most common reasons they did not discuss weight in an appointment (23).

Prevention and early help interventions

The HENRY (Health, Exercise and Nutrition for the Really Young) programme works with whole families to encourage them to create healthier home environments (24). Both healthcare staff and families can request a place on a HENRY course. There are no criteria other than that the family wish to attend, the child is under 12 years of age, the child/family are registered with the Family Hub /Children's Centre and live in Northumberland.

Further details of the HENRY programme can be found in the 'Healthy weight in the home' section. Registration forms are available online at: https://form.northumberland.gov.uk/form/auto/childrens_centres_reg

Found out more at <https://www.henry.org.uk/content/animated-explainer-video>

Specific weight management for overweight / obese children

A regional healthcare needs assessment is underway and due to report early 2023 on recommendations for childhood weight management pathways in the North East.

In Northumberland the Northumbria Healthcare NHS Foundation Trust will take referrals for children who have co-morbidities associated with their overweight/obese status (see Appendix 1).

Case study

A school asked the Northumberland 0-19 school nursing team to help a young person who was struggling with anxiety and was more frequently avoiding going to school.

The school nurse completed a holistic Health Needs Assessment with the young person and their parents. They found that the young person had issues with their body image and was being bullied. Their parents were worried that their child was overweight and that they also struggled to be healthy.

By working together with the family, a referral was made for the parent to the Northumberland Health Trainer service to help them with their nutrition and health behaviours. The young person was supported on a one-to-one basis to help them explore their emotional wellbeing and to adopt healthier behaviours. They were put off physical activity because they lacked confidence but after discussion, they agreed to be referred to YouthLink Peer support (Children North East charity). YouthLink provided mentoring support which helped build the young person's self-confidence and resulted in them participating in several physical activities in the community.

This highlights the complicated relationship between healthy weight, activity and emotional wellbeing and the impact on education and family life. Having a family approach was important, with the young person and their parent felt both feeling that they had made positive changes.



1. Digital N. Statistics on Obesity, Physical Activity and Diet, England 2021 2021 [Available from: <https://digital.nhs.uk/data-and-information/publications/statistical/statistics-on-obesity-physical-activity-and-diet/england-2021/part-1-obesity-related-hospital-admissions>.
2. Digital N. Statistics on Obesity, Physical Activity and Diet, England, 2020 2020 [Available from: <https://digital.nhs.uk/data-and-information/publications/statistical/statistics-on-obesity-physical-activity-and-diet/england-2020>.
3. England PH. Let's Talk About Weight: A step-by-step guide to brief interventions with adults for health and care professionals. London; 2017.
4. Black JA, Park M, Gregson J, Falconer CL, White B, Kessel AS, et al. Child obesity cut-offs as derived from parental perceptions: cross-sectional questionnaire. *British Journal of General Practice*. 2015;65(633):e234-e9.
5. Oldham M, Robinson E. Visual weight status misperceptions of men: Why overweight can look like a healthy weight. *Journal of health psychology*. 2016;21(8):1768-77.
6. Johnson F, Beeken RJ, Croker H, Wardle J. Do weight perceptions among obese adults in Great Britain match clinical definitions? Analysis of cross-sectional surveys from 2007 and 2012. *BMJ open*. 2014;4(11):e005561.
7. Flint SW, Hudson J, Lavallee D. UK adults' implicit and explicit attitudes towards obesity: a cross-sectional study. *BMC obesity*. 2015;2(1):1-8.
8. Kite J, Huang B-H, Laird Y, Grunseit A, McGill B, Williams K, et al. Influence and effects of weight stigmatisation in media: A systematic. *eClinicalMedicine*. 2022;48:101464.
9. Flint SW, Hudson J, Lavallee D. The portrayal of obesity in UK national newspapers. *Stigma and Health*. 2016;1(1):16.
10. Unit SHE. The Northumberland Children and Young People's Health Related Behaviour Survey 2021. 2021.
11. Luppino FS, de Wit LM, Bouvy PF, Stijnen T, Cuijpers P, Penninx BW, et al. Overweight, obesity, and depression: a systematic review and meta-analysis of longitudinal studies. *Archives of general psychiatry*. 2010;67(3):220-9.
12. Keramat SA, Alam K, Rana RH, Chowdhury R, Farjana F, Hashmi R, et al. Obesity and the risk of developing chronic diseases in middle-aged and older adults: Findings from an Australian longitudinal population survey, 2009–2017. *Plos one*. 2021;16(11):e0260158.
13. van Vuuren CL, Wachter GG, Veenstra R, Rijnhart JJ, Van der Wal MF, Chinapaw MJ, et al. Associations between overweight and mental health problems among adolescents, and the mediating role of victimization. *BMC public health*. 2019;19(1):1-10.
14. Rubino F, Puhl RM, Cummings DE, Eckel RH, Ryan DH, Mechanick JI, et al. Joint international consensus statement for ending stigma of obesity. *Nature medicine*. 2020;26(4):485-97.
15. Flint SW, Leaver M, Griffiths A, Kaykanloo M. Disparate healthcare experiences of people living with overweight or obesity in England. *EClinicalMedicine*. 2021;41:101140.
16. NICE. Obesity: identification, assessment and management 2014 [Available from: <https://www.nice.org.uk/guidance/cg189/chapter/Recommendations>.
17. Smith JD, Fu E, Kobayashi MA. Prevention and management of childhood obesity and its psychological and health comorbidities. *Annual review of clinical psychology*. 2020;16:351-78.
18. Ashley Adamson AJ, Bronia Arnott, Elizabeth Evans. Can embedding the MapMe intervention, a tool to improve parental acknowledgement and understanding of childhood overweight and obesity, in the National Child Measurement Programme lead to improved child weight outcomes at one year? 2020 [Available from: <https://fundingawards.nihr.ac.uk/award/NIHR127745>.
19. Jones A, Tovéé MJ, Cutler L, Parkinson K, Ellis L, Araujo-Soares V, et al. Development of the MapMe intervention body image scales of known weight status for 4–5 and 10–11 year old children. *Journal of public health*. 2018;40(3):582-90.
20. Ibrahim RI, Bonham AC, Garfitt KJ, Viner RM, Sewell K, Gahagan A, et al. Learning from local authorities with downward trends in childhood obesity. 2020.
21. OHID. Fingertips: Public health data: Obesity Profile: Northumberland 2022 [Available from: <https://fingertips.phe.org.uk/profile/national-child-measurement-programme/data#page/4/gid/8000022/pat/6/par/E12000001/ati/302/are/E06000057/yrr/1/cid/4/tbm/1>.
22. Thompson L, Blackshaw J, Coulton V, Albury C, Tedstone A. Let's talk about weight: a step-by-step guide to conversations about weight management with children and families for health and care professionals. 2017.
23. Hughes CA, Ahern AL, Kasetty H, McGowan BM, Parretti HM, Vincent A, et al. Changing the narrative around obesity in the UK: a survey of people with obesity and healthcare professionals from the ACTION-IO study. *BMJ open*. 2021;11(6):e045616.
24. HENRY. Healthy Families: Right from the Start: Annual Report 2021/22. 2022.



Recommendations

As this report has shown, healthy weight in children is a complex issue. To be healthy, young people and their families need access to affordable, healthy food, and opportunities to be physically active, through play, leisure and safe active travel. All children deserve the same chance to thrive and be healthy, no matter where they live in Northumberland. This report highlights the impact of inequalities within Northumberland and the additional challenges faced by many of our families. Not everyone has the same access to things which children need to be healthy or can afford healthy food which makes achieving and maintaining a healthy weight an even bigger challenge.

These recommendations aim to firmly place children's healthy weight as a top priority in Northumberland. We can build on the inspiring work already happening in our communities, some of which is shared in this report, and take specific steps to help Northumberland's children and young people live the happy and healthy lives they deserve.



Reframing our approach

Achieving and maintaining a healthy weight can be challenging. Overweight and obesity have historically been considered through the lens of individual responsibility; the result of insufficient knowledge or willpower to make healthy choices. This could not be further from the truth for the vast majority so we need to look more widely at the ways in which our homes, communities, schools and healthcare systems can better support children to live healthy, active lives. The floodgates of less healthy options are wide open and overwhelming young people and families. By working upstream, with families and communities, we can filter the flow of less healthy options and direct our focus and energy on opening new channels for health.



Communication and sharing good practice

There are fantastic initiatives across Northumberland which are helping to ensure children are leading happier and healthier lives. Sharing good practice will help us to pool knowledge and experience, to celebrate and build on successes and extend these across Northumberland. Good communication will make it clearer what support is available to help families achieve and maintain healthy weight and how to access this support.



Collaboration

Developing a healthy weight alliance: A complex issue like healthy weight needs a collaborative system-wide approach. We have an opportunity to build on the good work already being done across Northumberland by establishing a healthy weight alliance, bringing communities and agencies together to build on these strengths and ensure we have a coordinated approach. This would provide governance and accountability, reporting to the Health and Wellbeing Board and overseeing the Healthy Weight Declaration, helping to take us further and faster on our journey of change.



Strategy development and implementation

We need to prioritise childhood healthy weight as a core priority in new and existing strategies to ensure there are concrete steps in place to improve the opportunities for Northumberland's children to stay healthy. We know that some families do not have the same access to healthy options as others, and inequalities must be at the heart of system-wide plans. We need to ensure that the following address this ambition:

- Northumberland Food Insecurity plan (new): Understand and support the food economy within Northumberland to identify how communities and the council can work together to ensure that all families have improved and reliable access to affordable, healthy food. Work together to increase the prominence of healthy foods to make healthier choices easier.
- Northumberland Physical Activity Plan (refresh): Understand how children and families move around in Northumberland. Make it easier for families to access green spaces, make spaces where children play feel safer and more appealing. Make it easier, safer and more enjoyable to use active travel so that walking and cycling become the first choice for everyday journeys (such as to and from school).



Using data and local insights

We need to make better use of NCMP data to inform plans and ensure work is prioritised and targeted to those areas where it is most needed. We need to fully involve communities to understand what is important to them when it comes to children's healthy weight and how they are best supported in this. By building our understanding we can develop action plans around the following key questions:

1. What can communities do for themselves?
2. What can communities do with some help?
3. What can't communities do that agencies / institutions can?



Appendix 1

Northumberland referral pathway to secondary care for children with underlying health issues associated with obesity

Referral criteria:

A child with:

- A BMI >98th centile. (For children under 2 years, professional judgment should be used when assessing height and weight percentiles)

AND at least one of the following:

- Short relative to weight i.e. height less than the 50th Centile
- Obese from preschool
- Suggestion of an associated genetic cause:
 - a. Learning difficulties
 - b. Visual problems
 - c. Unusual facial appearance
- Family history (parent or sibling aged under 40 at onset) of:
 - a. Diabetes Mellitus (type 2)
 - b. Ischaemic heart disease
 - c. Hypertension
- Evidence of endocrinological co-morbidity
 - a. Menstrual disturbances (secondary amenorrhoea)
 - b. Hyperandrogenism (hirsutism)
 - c. Acanthosis nigricans (pigmentation in groins and axillae)
- Evidence of respiratory co-morbidity
- Evidence of orthopaedic co-morbidity
- Extreme obesity (BMI significantly above the 99.6th centile).

Referral process

A clinical assessment to discuss possible underlying clinical causes of the obesity may also be required and should be completed by a registered health practitioner and a referral made to specialist support if required.

GPs/Practice Nurses, Public Health Nurses, Dieticians, Health Visitors and School Nurses can complete this assessment. Plotting the child's BMI on the growth chart with the parent is good practice and can help the parent identify that there is a weight issue, and that action/change is required. If a child or young person's BMI is equal or greater than the 98th centile on the UK 90 BMI chart, and the child also has secondary co-morbidities referral to a local paediatrician should be made.

North Tyneside and Northumberland paediatricians will take referrals from health professionals who are concerned and require a more advanced clinical assessment for the family. This referral is usually in the form of a letter. The paediatrician will see the family for assessment and investigation. This paediatric assessment may lead to referral to secondary care dietetic support or referral to tertiary care where more specialist support is required e.g., genetic or endocrine problems.



Contact us

Northumberland County Council,
County Hall,
Morpeth
NE61 2EF

Email: PublicHealth@northumberland.gov.uk

Website www.northumberland.gov.uk

Telephone: 0345 600 6400



Northumberland
County Council

Healthy Weight for All Children

Page 47

Director of Public Health Annual Report 2021/22

Health and Wellbeing OSC
7th March 2023

www.northumberland.gov.uk



Background

- Directors of Public Health in England have a statutory duty to write an Annual Public Health Report on the health of the local population; the Local Authority has a duty to publish it.
- The DPH Annual Report is a vehicle for informing local people about the health of their community, as well as providing necessary information for commissioners and providers
- The DPH Annual Report for 2021/22 is on healthy weight in children. It uses data from 2020/21 which was the most up-to-date available when it was being written.

Why childhood healthy weight?

Improved health

- Lower risk of weight-related illnesses
- Could increase life expectancy by 2.7 years
- Risks of weight-related illnesses can be reversed

Improved wellbeing

- More likely to do well at school
- Lower rates of mental health conditions
- Report they feel better about their lives

Economic benefit

- In the UK obesity is now second largest economic burden following smoking

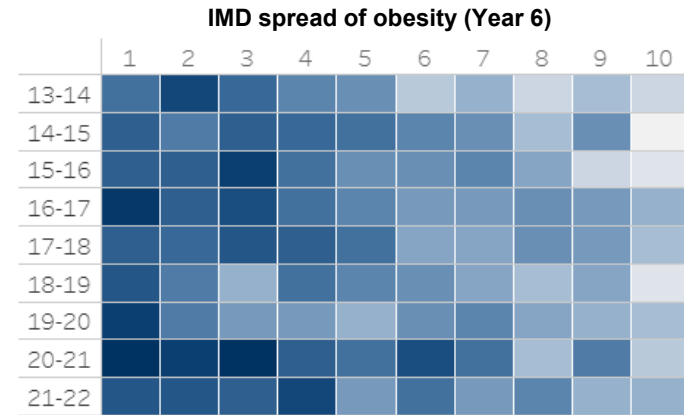
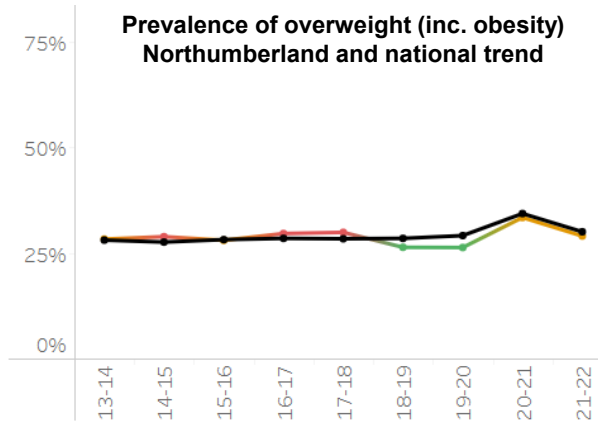
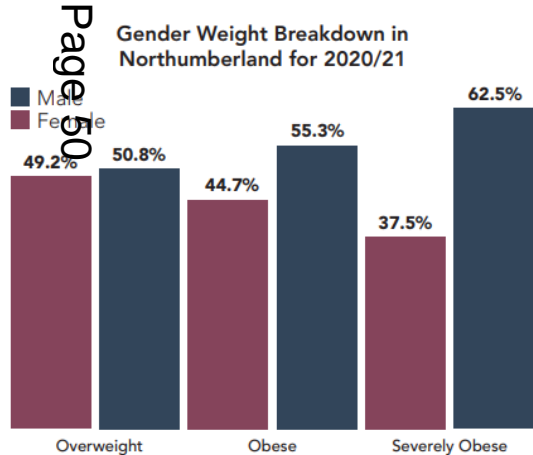


The picture in Northumberland

In 2020/21 in Northumberland:

- **Over 1 in 5** (26.7%) of children were overweight or had obesity in **Reception** (aged 4-5 years)
- **Over 1 in 3** (40%) in **year 6** (aged 10-11 years)

2021/22 shows similar figures (25.4% in Reception and 38.1% in Year 6)



Barriers to healthy weight

- ***Not just individual responsibility and ‘willpower’***
- An ‘obesogenic’ (obesity causing) environment and culture created by:



Page 51

Limited access to green space



Advertising of unhealthy foods influencing choices



Technology impacting play



Widespread car use making journeys less active



Wide availability of cheap, easily accessible food high in fat, salt and/or sugar (HFSS)

Healthy weight in the home

Barriers

- Increased portion sizes
- Frequency of ready meals/take aways
- Breastfeeding rates
- Family budget
- Increased use of food banks
- Stress and anxiety
- Access to basic equipment
- Lack of good quality sleep

Page 52

What can we build on?

- ✓ Existing breastfeeding support
- ✓ Healthy Start scheme
- ✓ Slow cooker sessions



Healthy weight in our communities

Barriers

Food environment

- More unhealthy food on the high street
- Accessing healthy food via public transport
- Widespread advertising of HFSS foods

Physical environment

- Access to space, equipment and/or opportunities
- Confidence and skills
- Feasibility and convenience

What can we build on?

- ✓ NCC Hot Food Takeaway Policy
- ✓ Nourish Northumberland
- ✓ Developing active travel infrastructure
- ✓ Cycling schools and Wheels for All



Healthy weight in schools

Barriers

Food environment

- Meal provision

Learning environment

- Missing breakfast
- Energy drinks

Physical activity environment

- Activity decreases with age, especially in young women

What can we build on?

- ✓ Roots and Shoots
- ✓ Active Northumberland and Ability2Play
- ✓ School Streets
- ✓ Holiday Activities and Food (HAF) programme



Healthy weight in healthcare

Barriers

- Lack of recognition
- Personal weight stigma
- Professional weight stigma

What can we build on?

- ✓ MapMe tool
- ✓ National Child Measurement Programme (NCMP)
- ✓ Health, Exercise and Nutrition for the Really Young (HENRY)

Page 55



Recommendations



Reframing our approach. Instead of considering overweight and obesity we need to look more widely at the ways in which our homes, communities, schools and healthcare systems can better support children to live healthy, active lives.



Communication and sharing good practice. Good communication will make it clearer what support is available to help families achieve and maintain healthy weight and how to access this support.



Collaboration. Develop a healthy weight alliance to build on the good work already being done across Northumberland, bringing communities and agencies together to ensure a coordinated approach.



Strategy development and implementation. Childhood healthy weight to be a core priority in new and existing strategies including the Northumberland Food Insecurity plan and the Northumberland Physical Activity Plan, to ensure there are steps in place to improve the opportunities for Northumberland's children to stay healthy.



Using data and local insights. Make best use of data to inform plans and ensure work is prioritised and targeted to those areas where they are most needed. Fully involve communities to understand what is important to them.

Northumberland County Council

Health and Wellbeing Overview and Scrutiny Committee

Work Programme and Monitoring Report 2022 - 2023

Page 57

Chris Angus, Scrutiny Officer
01670 622604 - Chris.Angus@Northumberland.gov.uk

14 February 2023 - CA

Agenda Item 7

TERMS OF REFERENCE

- (a) To promote well-being and reduce health inequality, particularly in supporting those people who feel more vulnerable or are at risk.
- (b) To discharge the functions conferred by the Local Government Act 2000 of reviewing and scrutinising matters relating to the planning, provision, and operation of health services in Northumberland.
- (c) To take a holistic view of health in promoting the social, environmental, and economic well-being of local people.
- (d) To act as a consultee as required by the relevant regulations in respect of those matters on which local NHS bodies must consult the Committee.
- (e) To monitor, review and make recommendations about:
- Adult Care and Social Services
 - Adults Safeguarding
 - Welfare of Vulnerable People
 - Independent Living and Supported Housing
 - Carers Well Being
 - Mental Health and Emotional Well Being
 - Financial Inclusion and Fuel Poverty
 - Adult Health Services
 - Healthy Eating and Physical Activity
 - Smoking Cessation
 - Alcohol and Drugs Misuse
 - Community Engagement and Empowerment
 - Social Inclusion
 - Equalities, Diversity and Community Cohesion.

ISSUES TO BE SCHEDULED/CONSIDERED

Regular updates: Updates on implications of legislation: As required / Minutes of Health and Wellbeing Board / notes of the Primary Care Applications Working Party
Care Quality Accounts/ Ambulance response times

To be listed: Vaping/E-Cigarettes

Themed scrutiny:
Other scrutiny:

**Northumberland County Council
Health and Wellbeing Overview and Scrutiny Committee
Work Programme 2022 - 2023**

7 March 2023

Provision of Dental Services in Northumberland

An update from NHS England on dental support in Berwick and on dental service provisions in Northumberland.

Director of Public Health Annual Report

Annual report from the Director of Public Health setting out the priorities for the coming year and reflecting on the previous 12 months.

4 April 2023

NHCT Quality Accounts

Annual report on the quality of service. The Committee is requested to receive and comment on the presentations from each Trust, and also agree to submit a formal response to each Trust.

NEAS Quality Accounts

Annual report on the quality of service. The Committee is requested to receive and comment on the presentations from each Trust, and also agree to submit a formal response to each Trust.

Market Sustainability Plan for Adult Social Care

Following changes to DHSC guidance, the plan has been amended and OSC is asked to examine and comment on these changes.

Page 60

2 May 2023

	CNTW Quality Accounts	Annual report on the quality of service. The Committee is requested to receive and comment on the presentations from each Trust, and also agree to submit a formal response to each Trust.
	NUTH Quality Accounts	Annual report on the quality of service. The Committee is requested to receive and comment on the presentations from each Trust, and also agree to submit a formal response to each Trust.

Northumberland County Council
Health and Wellbeing Overview and Scrutiny Committee Monitoring Report 2022-2023

Ref	Date	Report	Decision	Outcome
1	31 May 2022	Progress Report 0- 19 S75 Partnership Agreement with Harrogate and District NHS Foundation Trust	RESOLVED that: a) the contents of this report, be considered, and b) comments on the delivery of 0-19 Public Health Services to children and young people in Northumberland and outcomes being achieved be noted.	Further update to be given at a future date.
Page 62	31 May 2022	Adult Social Care Self-Assessment following the dissolution of the Partnership with NHCT	RESOLVED that the report be noted	Further update to be given at a future date.
3	31 May 2022	Restructure of Adult Social Care	RESOLVED that the report be noted	No further action at this time.
4	5 July 2022	Delivering on the Extra Care and Supported Housing Strategy	RESOLVED that the progress to date and future plans of the Strategy be noted.	No further action at this time.
5	5 July 2022	Improving Access Project Feedback – GP Access	RESOLVED that the: a) presentation and comments made be noted. b) the Scrutiny Officer contact Members of the Health and Wellbeing Overview and Scrutiny	Cllr Kath Nisbet was appointed as the representative on the GP Access Working Group.

			Committee to seek nominations to sit on the GP Access Working Group.	
6	6 September 2022	Provision of Dental Services in Northumberland	<p>RESOLVED that:</p> <ul style="list-style-type: none"> a) the presentation and information detailed be noted, and b) an update on the provision of NHS dental services be provided in six months' time. 	An update on the provision of NHS dental services be provided in six months' time.
7	6 September 2022	Northumberland Inequalities Plan 2022 - 2032	RESOLVED that the recommendations detailed within the report to be considered by the Health and Wellbeing Board at its meeting on 8 September 2022 be supported.	No further action at this time.
Page 63	6 September 2022	Proposals for the allocation of the Public Health ringfenced grant reserve.	<p>RESOLVED to recommended that Cabinet:</p> <ul style="list-style-type: none"> a) Approve the allocation of funding from the Public Health reserve as proposed in this report. b) Delegate to the Director of Public Health the precise expenditure of the funding set aside to address issues around poverty. 	No further action at this time.
9	6 September 2022	HealthWatch Northumberland Annual Report	RESOLVED that Healthwatch Northumberland Annual Report for 2021-22 be received.	No further action at this time.
10	1 November 2022	Adult Market Position Statement	RESOLVED to recommend that Cabinet agree to publish the Market Position Statement.	Cabinet considered the Committees comments at its meeting on 17 th November 2022

11	6 December 2022	Recommissioning of an Integrated Drug and Alcohol Service for Adults in Northumberland	<p>RESOLVED to recommend that Cabinet:</p> <ul style="list-style-type: none"> a) Authorise the Interim Executive Director of Public Health and Community Services to proceed with the commissioning exercise for a value of £21,818,608 as outlined in Key Issues section below (the final paragraph). b) Request officers to bring back the outcome for Cabinet approval. c) The Health and Wellbeing Overview and Scrutiny Committee review the service within 12 months. Information to be presented should include case studies, evidence based data and random samples taken to ensure the service is delivering across the whole county. 	The Committees comments were shared with Cabinet at their meeting on 17 th January 2023
12	7 February 2023	Northumberland Safeguarding Adults Annual Reports 2021-22	RESOLVED that the content of the North Tyneside and Northumberland Safeguarding Adults Annual report 2021/22 be noted.	No further action at this time.