



Local Knowledge and Intelligence Service North East and Yorkshire

Intelligence Update – Summer 2022

Welcome

Welcome to the Intelligence Update for Summer 2022 for the North East and Yorkshire Knowledge and Intelligence Network. This document provides you with updates about Office for Health Improvement and Disparities (OHID) tools and resources, together with key points for the North East and Yorkshire, news of publications and events. We welcome your feedback and suggestions about the content of this Intelligence Update, our work, or suggestions for any other support that you would like. Please email us on LKISNorthEastandYorkshire@phe.gov.uk.

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A message from us

As you may be aware, LKIS and other teams across Public Health England and the DHSC have come together to form the Office for Health Improvement and Disparities (OHID) under the leadership of the Chief Medical Officer. LKIS is part of a team called the Public Health Analysis Unit within OHID.

This opportunity represents a new chapter for us to ensure that action on health improvement and health inequalities is better informed and more effective by bringing together expert advice, data and evidence along with policy development and implementation. We plan to develop stronger partnerships across government and communities, and feel it is even more important to maintain links to our network at this current time.

A change to our emails

LKIS North East and Yorkshire has moved to DHSC email addresses. For staff members, this has been a simple change whereby '@phe.gov.uk' was replaced by '@dhsc.gov.uk'. Our team inbox, LKISNorthEastandYorkshier@phe.gov.uk, will remain the same for the time being.

In focus: Health Profiles for English Regions: 2021

What are the Health Profiles for English Regions?

Each report is a comprehensive review of health in the English regions and builds on the findings of the Health Profile for England 2021. Within the reports you will find a regional view of the indicators presented in the Health Profile for England 2021. The aim of the profiles is to highlight some of the main factors affecting the health of the region's population, disparities between population groups and areas within each region, and trends over time. It provides intelligence and evidence to support partners in planning and commissioning services, with a focus on the impact of the Covid-19 pandemic.

What are the key messages from the reports?

- The data in these profiles provides evidence of the negative impact of COVID-19 on life expectancy, increasing risk factors in our population, and the impact on the determinants of health, which will have an enduring and long-term impact on the health of our population.
- Healthy life expectancy at birth had started to decrease or level off in most regions before the pandemic. This represents an increasing number of years lived in poor health, resulting in a reduced ability to work, a reduced sense of wellbeing, and an increased need to access services.
- In all regions, obesity was the risk factor making the largest contribution to morbidity. Smoking and diabetes were the second and third largest contributors although their placing varied in different regions.
- In many regions, there has been a widening of inequalities between the most and least deprived areas. The harms to health are not uniform; data in the profiles tells a compelling story about widening health inequalities and variation in health behaviours.
- There are also areas of improvement: the proportion of mothers smoking at the time of delivery and antibiotic prescribing both continue to decrease.
- Taken together, this data suggests that we are now observing some of the direct and indirect impacts of the COVID-19 pandemic on all parts of society, with many chronic health conditions worsening and most historically disadvantaged areas being further so. This has resulted in greater health need and widening health inequalities in many parts of the nation.

How can you find out more?

You can find the link to your region's profile from the Health Profiles for English Regions: 2021 webpage. Within each of the profiles, there are also signposts to local data with most being available on Fingertips.

Local resources, events and training

New resources

- **Dashboards produced by LKIS North East and Yorkshire**

All links to dashboards produced or supported by LKIS North East and Yorkshire on a wide range of topic areas are now available in one place in [KHub](#). As new dashboards are published they will be included in the table. Your feedback on these dashboards is important to us and will be used in planning future iterations of the dashboards. For any queries or support using any of the dashboards, please contact: LKISNorthEastandYorkshire@phe.gov.uk
- **Heart attack mortality aged under 75 (Data bite 3)**

This issue of the data bite series explores data on mortality from heart attacks including forecasting future regional trends and examining the association between heart attack mortality and deprivation. Released in May 2022, two versions are available for the North East and Yorkshire and the Humber on [KHub here](#).
- **CVD Prevention Packs Data Supplement**

This [data supplement](#) released in June 2022, provides data updates for the indicators used in the [cardiovascular \(CVD\) prevention packs](#), for the North East and Yorkshire. This supplement enables users to identify where needs are greatest and monitor the impact of local changes.
- **Healthier Weight Intelligence tool update**

The [Healthier Weight Tool](#) published last year has been refreshed in June 2022.. This intelligence tool is designed to bring together available data on obesity, and the conditions associated with it, to assist in developing an integrated approach to addressing obesity in the local area.
- **Tobacco control, smoking cessation an inequalities overview**

These [slide packs](#) for the North East and Yorkshire and the Humber provide intelligence to better understand inequalities in smoking prevalence and how these inequalities are reflected in engagement with community stop smoking services. This will enable local commissioners and services to recognise where there are gaps and help to build on local and regional approaches to tackle these inequalities. This slide set has been updated to reflect an update in the [Local Tobacco Control Profiles](#).
- **Employment and Health Dashboard**

The dashboard brings together data and evidence on employment and health. It is structured around the economic section of the Inclusive and Sustainable

Economies Framework. Released in July 2022, there are two dashboards available for the [Yorkshire and the Humber](#) and the [North East](#) regions.

- **Housing and Health Dashboard**

This dashboard presents data and evidence on housing and health for the North East and Yorkshire. It includes data on housing suitability and affordability as well as health conditions associated with poor housing. Released in July 2022, the dashboard is available [here](#).

Events

- **PHINE (Public Health Intelligence Network Event) North East and Yorkshire**

This event was held on Tuesday 28th June 2022. The event included an OHID update, presentations from LKIS about alcohol and violence analysis and the CVD dashboard. There was also a presentation from Ordnance Survey about the Public Sector Geospatial Agreement. The recording of the event and the slides are available [here](#).

- **C-WorkKS Connects online event: Wider impacts of Covid – Mental health in secondary school aged children**

Slides and a recording from the C-WorkKS event on 21st June 2022, attended by over 130 participants, are now available. This online event provided a high-level summary of some of the available population level evidence of the impact the pandemic has had on mental health in children and young people. A pre-recorded session by Dr Stephanie Scott presented results from a qualitative study exploring young people's experiences of the pandemic (slides also included). We got to hear about the Durham prevention model of multiagency partnership working which supports whole system and targeted approaches. Evidence and library services outlined some of the key resources to help you find further evidence to support local plans for prevention and improving care (Longer slide set also included).

Training

- **Foundations of population health intelligence**

After suspension due to COVID, we have relaunched our Foundations course as a 2-module virtual course, aimed at those new to public health, or wanting a refresher on population health intelligence.

Learning outcomes are that, by the end of the course, you will:

- understand basic concepts in population health intelligence
- know about the features of Fingertips, OHID's platform for public health data, and be able to use it to understand a public health issue
- be aware of other population health intelligence tools
- know about evidence and where to find it
- be able to put together intelligence and evidence to address a public health issue

We have now run 7 of these courses over the last three months, all fully-subscribed, with a further course scheduled for September:

1-4pm Monday 5 September

10-1pm Tuesday 6 September

Find out more and register your interest on [Eventbrite](#)

If you are interested but this date doesn't work for you please email scott.anderson@dhsc.gov.uk to be added to a priority list for notification of future courses.

Population Health Analysis updates

- **COVID-19 Health Inequalities Monitoring for England (CHIME) tool**
In the June update of the [CHIME tool](#), existing indicators for deaths and hospital admissions have been updated. It has not been possible to update vaccination indicators in this release so the latest data remains for March 2022. Data for April 2022 has been published by the Office for National Statistics [here](#) and will be added to CHIME in the next release on 21 July 2022. Because of the changes to COVID-19 testing in England in April 2022, the existing indicators of confirmed cases are no longer being updated within the tool.
- **Wider Impacts of COVID-19 on Health (WICH) monitoring tool**
In the most recent update to the [WICH tool](#), new indicators for Abdominal Aortic Aneurysm (AAA) screening, breast cancer screening and NHS Health Checks were added, while data was updated themes such as wellbeing, employment and income. From the next update at the end of July, the WICH tool will be moving to quarterly updates.
- **CVDPREVENT: Second Annual Audit Report**
This second [CVDPREVENT report](#) presents analysis of GP recorded data for relevant patient cohorts up to March 2021 (round two). In this latest report, results are compared with the pre-pandemic (round one) baseline. A key focus of the CVDPREVENT analysis is to understand variation in identification, diagnosis and management of people at risk of cardiovascular disease across dimensions of potential health inequity including deprivation, age, sex and ethnicity. This report summarises the findings at a national level. Comparable data at local level is provided in the [CVDPREVENT Data and Improvement Tool](#).
- **Segment Tool**
The [Segment Tool](#) was updated at the end of May. In the most recent update, provisional data for 2020 to 2021 has been added to allow users to view the breakdown of inequality in life expectancy during the COVID-19 pandemic. These data are based on provisional mortality data for 2021, and 2020 population

estimates. The tool will be updated once final data becomes available. Data for lower tier local authorities have not been included as the breakdowns based on two years of data are not robust due to small numbers. Data for NHS geographies have been removed but it is anticipated that, where possible, these will be added again in a future update.

- **Excess mortality in England**

The [national excess mortality report](#) is currently updated monthly with the most recent update on 07 July 2022. Monitoring excess mortality provides understanding of the impact of COVID-19 during the course of the pandemic and beyond. Excess mortality in these reports is defined as the number of deaths throughout the pandemic that are above the number expected, based on mortality rates in previous years.

- **Recently updated profiles**

The following profiles have recently been updated with new data:

- [Public Health Outcomes Framework \(PHOF\)](#)
- [Local Tobacco Control Profiles \(LTCP\)](#)
- [Musculoskeletal Conditions](#)
- [Cardiovascular Disease, Diabetes and Kidney Disease](#)
- [Wider Determinants of Health](#)
- [Health Inequalities Dashboard](#)
- [Obesity profile](#)

Health Intelligence Network updates

- **The National End of Life Care and Intelligence Network (NEoLCIN)**

- The National End of Life Care and Intelligence Network (NEoLCIN) have developed [profiles](#) to improve the availability and accessibility of information and intelligence around palliative and end of life care. They provide an overview across multiple geographies in England, to support commissioning and planning of local services.
- The [Place of death factsheets for CCGs](#) provide the most recent data available on trends in place of death at CCG level during the COVID-19 pandemic and compares this with the pattern seen in 2019 as a baseline. It compares CCG and England data from 2019 to 2021 for the number and percentage of deaths in hospitals (acute or community, not psychiatric); at home; in care homes; in hospices (not community), and 'other places'.
- A new publication on [Care Home Factsheet for England and UTLAs](#), is available for each upper tier local authority. It includes trends in care home deaths and data on care home bed availability by service speciality.

You can [subscribe](#) to receive notifications on the latest updates from the National End of Life Care and Intelligence Network.

- **Cancer**
 - **Rapid Cancer Registration Data Covid-19 Incidence and Treatment dashboards**
The Rapid Cancer Registration Data Covid-19 Incidence and Treatment dashboards have been updated to use the latest available data (CAS2202), including diagnoses up to January 2022.
 - **Cancer Quality of Life Survey**
NDRS have updated the Cancer Quality of Life Survey dashboard. This release adds data for a further 6 months of invites and responses, including invites up to January 2022.

- **Child and maternal health**
 - **Small area associations between breastfeeding and obesity**
In June, a report was published which describes analyses of breastfeeding and child and maternal weight status, using routinely collected administrative data. This project aims to understand the direction and magnitude of any association at small area level between breastfeeding prevalence and children's weight status in the early years, and also between breastfeeding prevalence and mothers' weight status during subsequent pregnancy. The findings can inform policy and decision-makers looking at public health improvement and disease prevention.
 - **Healthy Child Programme: Children's public health for 0 to 5 year-olds**
There is firm evidence that public health in the early years can achieve good health and wellbeing for children now and in the future. This is brought together in the national Healthy Child Programme, the 0 to 5 element of which is led by health visiting services. Data for October to December 2021 to 2022 (quarter 3) was published for local authorities, PHE centres and others to inform the development of these services locally on 4 May:
 - The breastfeeding at 6-to-8 weeks-after-birth statistics show the percentage of mothers who continue breastfeeding
 - The health visitor service delivery metrics cover the antenatal check, new birth visit, 6-to-8 week review, 12 month assessment and 2-to-2½ year assessment (including coverage of the Ages and Stages Questionnaire (ASQ-3))
 - The child development outcomes at 2-to-2½ years data looks at children who were at or above the expected level for various child development outcomes using data from the ASQ-3 questionnaire
 - **Under 18 conceptions, pregnancy and birth: 2022 update**
Indicators in the Child and maternal health profiles and Sexual and reproductive health profiles were updated in May. The indicators relate to conceptions, abortions and birth rates for women under 18, and conceptions for women under 16, as well as ethnicity and age of mothers, premature births, admissions of babies aged under 14 days, deliveries by caesarean section, ectopic pregnancy, and pelvic inflammatory disease. Additionally,

indicators which were delayed due to the COVID-19 pandemic have also been updated. These include general fertility rates, neonatal and post-neonatal deaths, stillbirths, multiple births, low birthweight and very low birthweight of all babies.

- **Mental Health and Dementia**

- **Premature mortality in adults with severe mental illness (SMI)**

A recent [report](#) presents analysis of the geographical variation in the premature mortality and excess premature mortality for adults aged 18 to 74 years with severe mental illness (SMI) in England. The data is provided to help local areas better understand the needs of their population and to assess if the interventions they put in place are reducing premature mortality in the population with SMI. The report is the first in a series of reports that analyses variation in premature mortality and excess premature mortality for adults with SMI.

- **COVID-19: mental health and wellbeing surveillance report**

The final version of the [COVID-19: mental health and wellbeing surveillance report](#) was published in the Spring. There will be no further updates going forward.

- **Profile updates**

- The [SMI Profile](#) was updated to include a new equality breakdown at England level for premature and excess premature mortality in adults with SMI.
- Update to [indicators and statistical commentary](#) on the proportion of children living with at least one parent reporting symptoms of emotional distress.
- The Dementia Surveillance Factsheet has been updated at CCG and STP levels to include data for April 2022. The factsheets can be found by selecting '[Reports](#)' from the 'Data view' drop down. Note: The data in the factsheets reflects the April 2021 CCG geographical boundaries but the dementia profile still reflects the April 2020 CCG boundaries. Therefore, factsheets need to be selected using the 2020 geography name.
- In the [Suicide Prevention Profile](#), the indicator for long-term claimants of Jobseeker's Allowance and the indicator for children in care have been updated.

Methodological updates

- **ONS updates**

- [Maximising the quality of Census 2021 population estimates](#)

How ONS maximised the quality of Census 2021 population estimates during the processing and quality assurance of the final statistics.

- Quality and methodology information (QMI) for Census 2021
Details the strengths, limitations, uses, users and methods used for Census 2021, England and Wales.
- Compare age-sex estimates from Census 2021 to areas within England and Wales
This interactive tool can help local authorities compare age-sex estimates and comparator data from Census 2021 to other areas within England and Wales.

Knowledge and Library Services updates

- **Request information skills CPD training for your team**

The UK Health Security Agency (UKHSA) Knowledge and Library Service is offering webinars or interactive workshops on the following areas:

- Searching for public health evidence
- Making the most of public health evidence sources through UKHSA subscriptions and free sources
- Critically appraising public health evidence sources

Please email libraries@phe.gov.uk if you would like to take up this offer for your team or jointly with other local public health teams in your region. Please let us know the type of training you would like us to run, as well as ideal dates and times over the next couple of months.

- **Literature Search Service**

Public Health staff working within Local Authorities can request searches of available guidance, reports and case studies on different topics areas or bibliographic literature searches with research results to answer queries concerning pandemic response and recovery. Recent searches have included:

- The sexual and reproductive health needs of vulnerable residents: sexual health services and sexual violence (COVID recovery)
- Testing for sexually transmitted infections (STIs) (COVID recovery)
- HIV detection and management (COVID recovery)
- COVID-19's impact on military personnel and veterans in the UK
- Effective health and wellbeing interventions in secondary schools (COVID recovery)
- Quality of menopause care provided by GPs in the UK (COVID recovery)
- Evidence-based low-level interventions to support mental health and wellbeing (COVID recovery)
- Promoting good sexual health behaviours among young people: RSE/PSHE (COVID recovery)

- Promoting good sexual health behaviours among young people: STIs (COVID recovery)
- Digital sexual health services in the UK (COVID recovery)
- Quality of menopause care provided by GPs in the UK (COVID recovery)
- Impact of COVID-19 pandemic on health and care professionals providing services for domestic abuse
- Impact of COVID-19 pandemic on domestic abuse
- Impact of COVID-19 on food security
- E-cigarettes for smoking cessation (COVID recovery)
- Promoting good sexual health behaviours among young people: Condom distribution (COVID recovery)

Contact your regional Knowledge & Evidence Specialist to request copies of prior literature search results or to request a new literature search.

- **Finding the evidence for Local Public Health teams leaflet available**
For reminders on public health resources available to you and suggestions on approaches to searching please download the guide Finding the evidence: Research support for public health teams based in local authorities from the UKHSA KLS Library catalogue. For a reminder of the full service offer and resources please review: Support for Local Authority Public Health Teams – Knowledge & Library Services
- **Don't forget to register on OpenAthens to access the full public health evidence base made available to you by UKHSA Library Services**
Make the most of subscriptions extended to local public health teams by UKHSA as well as NHS core content provided by Health Education England and some open access content. Register for an OpenAthens username and password and choose 'Public health staff in England'. If you have any problems signing up for LA access to OpenAthens, using Browzine to create your own library of journals, or searching the local public health version of Discovery please email libraries@phe.gov.uk. More help on resources is also available here: Support for LAPH: Resources – Knowledge & Library Services (koha-ptfs.co.uk). Please note that some local authorities have arrangements in place for their public health staff to use local NHS library services for literature searches, training and document supply. Find your local service to discuss options for arranging access.
- **Measuring the impact of knowledge brokers in Local Authority Public Health teams**
In June members of the Knowledge and Evidence Specialist team gave a poster presentation at the European Association for Health Information and Libraries (EAHIL) conference. The poster explored the value and impact of UKHSA Knowledge and Library Services providing enhanced evidence

support to local authority public teams (LAPH), via regional Knowledge and Evidence Specialists (KES), to support COVID-19 response and recovery. The poster can viewed [here](#). If a regional Knowledge and Evidence Specialist has supported you with your work, conducted a literature search or provided information skills training, and you would like to provide feedback about how you have used the evidence of skills provided, please [contact your local KES](#).

Data releases

- **Upcoming releases**

You can keep up to date with upcoming public health data releases on [Khub](#) where we publish our National Health Intelligence Calendar. The calendar provides data and statistics of public health interest due to be published in the following two weeks and is published weekly on Fridays. If you need assistance registering or using Knowledge Hub, please email us on (enter centre enquiries email).

National resources and training

This is the section for local material about events and training

- **National Health Intelligence Knowledge hub group**

National content (such as our Health Intelligence Calendar and updates on OHID tools and products) are now posted on the [National Health Intelligence group](#). Local updates will continue to be posted on the (enter centre and link) group

- **Population health intelligence: E-learning**

LKIS has developed a number of options for self-directed learning on the [E-Learning for Health](#) site:

- E-learning modules available on the [Public Health Intelligence programme](#):
 - Introduction to public health intelligence
 - Understanding and measuring populations
- Following the recent addition of three new modules, there are now eight e-learning modules on the [Population Health Management programme](#) which were developed in partnership with NHS England and Improvement and with Health Education England:
 - Introduction to population health management
 - Assessing needs

- A practical introduction to population segmentation
 - Risk stratification
 - Introduction to population health surveillance
 - An introduction to Data Visualisation ****NEW****
 - Introduction to Hospital Episode Statistics ****NEW****
 - Turning population health intelligence into action: a practical case study ****NEW****
- Two e-learning modules on the Health Economics and Prioritisation in Public Health programme:
 - Introduction to Health Economics concepts
 - Health economic evaluations

For other specialist topics and tools trainings, you may find these online resources listed on KHub [here](#) useful.

Useful information

- Links to key tools and sources of information:
 - The PHE data and analysis tools site is a single point of access for data and analysis tools from across public health.
 - The Public Health Profiles page covers a range of health and wellbeing themes to support Joint Strategic Needs Assessments and commissioning.
 - Information about local knowledge and intelligence products and services are shared on the PHINE North East and Yorkshire Knowledge hub site.
- Release dates for public health statistics are included in the calendars below:
 - gov.uk/government/statistics/announcements
 - content.digital.nhs.uk/pubs/calendar
 - ons.gov.uk/ons/release-calendar/index.html.

Enquiry service

The OHID Local Knowledge and Intelligence Service North East and Yorkshire operate an enquiry service. Please send your questions and information requests to: LKISNorthEastandYorkshire@dhsc.gov.uk