Local Knowledge and Intelligence Service North East

Intelligence Update – May 2020

Welcome

Welcome to the Intelligence Update for May 2020 for the Knowledge and Intelligence Network North East. This document provides you with updates about Public Health England (PHE) tools and resources, together with key points for the North East, and 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 LKISNorthEast@phe.gov.uk

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A message from us

Although we are busy supporting the COVID-19 response, we are here to support our local system and wanted to let you know that we are still monitoring and responding to enquiries received via our generic inbox LKISNorthEast@phe.gov.uk.

We have set up a Wiki page on our National Khub Group which includes some resources that you might find useful to support the work that you are doing locally on COVID-19.

The NHS has also set up a COVID-19 workspace on their FutureNHS collaborative platform – click here to access.

In focus this month: Using the <u>SHAPE tool</u> during Covid-19

What is the SHAPE Tool?

Strategic Health Asset Planning and Evaluation (SHAPE) is a web-based tool designed to inform and support the strategic planning of services. At its core, SHAPE seeks to bring key information together from a range of sources to provide an interactive and easy to interpret tool to support local assessments of services and assets.

What does the SHAPE Tool do?

SHAPE links national data sets on clinical analysis, public health, primary care and demographic data with information on healthcare estates performance and facilities location. The application also includes a fully integrated Geographical Information System mapping tool and supports travel time analysis. SHAPE's analytical and presentation features can help service commissioners to determine the service configuration that provides the best affordable access to care.

How can SHAPE support Covid-19 work?

A new <u>webinar</u> is available, via the NHS Futures (sign up required) COVID-19 Data and Analytics platform, to show how you can use the <u>SHAPE Place</u> tool to support Covid-19 responses, including:

- mapping the location of key health care assets including Nightingale hospitals and the populations surrounding those sites
- an inline editing function to identify and categorise primary care sites (eg GP practices or dentists) as 'hot' or 'cold' Covid-19 sites, as well as examine impact of closed GP practices on local populations.
- data to help understand local populations in terms of demographics and service demand as well as to help identify at risk population groups.

How can I access SHAPE?

SHAPE is free to NHS professionals and Local Authority professionals with a role in Public Health or Social Care. Access to the application is by registration and licence agreement and can be done online via the <u>registration portal</u>. Any queries please email <u>Shape@phe.gov.uk</u> or call 0191 374 2219

Updates from PHE's Local Knowledge and Intelligence Service North East

State of the North East 2020 report: Reproductive Health

This recently published report provides a summary of reproductive health data in the North East that can be used by stakeholders to prioritise areas for action. The content of this work is grounded in the approach taken in the Public Health England (PHE) report 'A consensus statement: reproductive health is a public health issue'. It considers 3 aspects of women's reproductive health:

- fulfilling reproductive choices
- early identification and prevention of reproductive morbidity
- reproductive wellness

A copy of the report can be downloaded from gov.uk or via the Khub PHINE Network library which includes copies of all state of the North East reports.

Changes to PHINE Network North East Khub

Some changes will be made to the structure of the current PHINE Network North East Khub over the course of this month. We are developing a space to share resources on the indirect impacts of the corona virus. Further updates about this will be released in due course but in the interim you may notice an increase in notifications and, potentially, some broken links - though we will keep disruption to a minimum.

Please note, national content (such as the Public Health Intelligence Calendar and updates on PHE tools and products) is now being posted on the PHE National Health Intelligence group.

Enhanced Analysis and Knowledge Transfer:

In the past 8 weeks the North East Local Knowledge and Intelligence Service has answered the following ad hoc information requests:

- Provided assistance to a Local Authority in writing SQL code to extract numbers of admissions for patients who had existing conditions which would suggest they were at enhanced risk of Covid-19
- Provided analysis on weekly deaths data for all Local Authorities
- Signposted to local population figures
- Assisted with analysis for the presentation of hospital admission data by age group
- Signposted to available data and intelligence on eating disorders
- Provided premature death numbers in the region for Cancer, Heart Disease and Diabetes.

If you would like further information about any of the above topics, please e-mail LKISNorthEast@phe.gov.uk specifying your topic of interest.

PHE Health Intelligence updates

Cancer
Cancers treated with chemotherapy, radiotherapy and surgery

The National Disease Registration Service (NDRS) have released the latest data on the number of cancers treated with chemotherapy, radiotherapy and surgery, with an interactive tool on CancerData.

This data includes treatment proportions for 22 cancer sites split separately by age at diagnosis, stage at diagnosis, broad ethnic group, Charlson comorbidity index, income deprivation, sex, year of diagnosis and Cancer Alliance. Data is for diagnoses between 2013 and 2016.

As part of our partnership with Cancer Research UK, NDRS have published an updated CancerData tool for the secondary care diagnostic intervals work, along with a statistical commentary. Diagnostic intervals are broken down by route, demographic factors, stage and geography.

Child and Maternal Health
Children's public health for 0 to 5 year-olds: quarter 3 data for 2019/20 published

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 0-5 element of which is led by health visiting services. Quarter 3 for 2019 to 2020 was published for local authorities, PHE centres and others to inform the development of these services locally on 22 April:

- 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.

The further collection of data to the interim 0 to 5 national reporting system has now been suspended so as not to divert efforts from local COVID-19 planning and response. Full details of the revised process for data collection for 2019-20 (including all backdating) will be provided when it restarts. We will seek to ensure that no local authority is disadvantaged because of the temporary suspension of data collection. Please email Interimreporting@phe.gov.uk with any questions.

Indicators related to under 18 conceptions, pregnancy and birth: 2020 update

Indicators in the Child and maternal health profiles and Sexual and reproductive health profiles have been updated. The indicators relate to conceptions, abortions and birth rates for women under 18 and conceptions for women under 16; ethnicity and age of mothers; admissions of babies aged under 14 days; deliveries by caesarean section; ectopic pregnancy and pelvic

inflammatory disease. The profiles give data at a local, regional and national level to inform the development and provision of family planning, antenatal and maternity care.

Admissions for children with long-term conditions, emergency admissions and A&E attendance: 2020 update

Indicators in the Child and maternal health profiles have been updated. The indicators relate to hospital admissions for children with asthma, diabetes, epilepsy, gastroenteritis, lower respiratory tract infections and self-harm, overall emergency admissions and A&E attendance for different age groups. The profiles give data at a local, regional and national level to inform the development and provision of health improvement and prevention activities and acute hospital services for children and families.

Health Economics

The SPOT redevelopment is well underway. Due to current circumstances, the publication of the tool has been slightly delayed, but the team looks forward to publishing later this month.

The older adults' NHS and social care ROI tool has recently been published. This is a return on investment resource which aims to help local commissioners in designing and implementing services to support older people's healthy aging.

For further details on the Health Economics and Modelling work programme, please contact healtheconomics@phe.gov.uk.

Local authority data access

Civil Registrations Data

Please submit any outstanding DARS renewals by 24 May. If you are having any issues with your application please do contact NHS Digital directly to ensure that you do not lose access to this valuable resource.

HES Renewals

Many local authorities submitted their HES renewals by the deadline of 31 March. However, a small number of renewals are still outstanding. For those LAs who did not submit HES renewals in time, NHS Digital have granted an extension due to the exceptional circumstances of Covid-19, but they will not be extended beyond 30/06/20. Failure to complete the renewal by the end of June will result in your organisation being unable to access the HES data. If you have any queries on this please contact data.applications@nhsdigital.nhs.uk.

Methodological updates

On 01 May, dplyr 1.0.0 was released with 'breaking changes' compared to previous versions. This has had an impact on PHEindicatormethods, fingertipsR and fingertipscharts. Both PHEindicatormethods and fingertipsR have been updated on CRAN and fingertipscharts were updated on CRAN in early May. It is recommended to reinstall these packages if you face any

problems with scripts that previously worked using these packages. Here are links to each of the relevant packages:

- PHEindicatormethods (version 1.3.1 released 14/04/2020)
- fingertipsR (version 1.0.3 released 16/04/2020)
- fingertipscharts (version 0.0.11 due for release early May)
- dplyr v1.0.0 release notice

Knowledge and Library Services updates

Finding the evidence: Coronavirus

PHE Knowledge and Library Services team (KLS) has produced this page to help those working on the coronavirus outbreak to identify and access emerging evidence as it is published. The page signposts a range of open access resources that have been promoted by different groups including National Library of Medicine Disaster Information Management Research Center, Erasmus MC, Cambridge University, Bedford Veterans Affairs Medical Center, Evidence Aid, and Icahn School of Medicine at Mount Sinai.

Most of the resources are freely accessible but some may ask for an OpenAthens sign-in. It is therefore important that your OpenAthens details are up-to-date. PHE staff unable to access an article or a resource, can email libraries@phe.gov.uk for assistance. Non-PHE staff are advised to contact their local health librarian for support if necessary.

Discovery Service

The LAPH Discovery Service allows a single search across a range of content from multiple information resources. It is designed to save time when looking for information and to allow resources to be "discovered" which might not have been found otherwise. Local authority public health teams can search and access the journal titles currently provided by PHE, along with the nationally procured content journals. There are new additions for 2020, details available here.

Evidence briefings

Evidence briefings are a summary of the best available evidence that has been identified and selected from research using systematic and transparent search methods in order to answer a specific question. Please note, the findings are not quality assessed or critically appraised. The evidence briefings are available here.

Practice examples

Practice examples aim to share the learning from public health practitioners' experience of developing and implementing public health programmes and projects. They embed local, regional and national descriptions of service practice or service case studies, bringing together public health practitioners' rich sources of knowledge on evidence and intelligence.

Recent data releases

Release	Date	Organisation	Comment
Personal and economic well-being in the UK: April 2020	04/05/20	ONS	Estimates looking across personal and economic well-being in the UK during October to December 2019.
Public health outcomes framework (PHOF): May 2020 data update	05/05/20	PHE	The Public Health Outcomes Framework examines indicators that show trends in public health.
Cardiovascular disease profiles: May 2020 data update	05/05/20	PHE	Update of cardiovascular disease profile indicators for diabetes data for clinical commissioning groups.
Interactive Health Atlas of Lung conditions in England (INHALE): May 2020 update	05/05/20	PHE	The Inhale tool is being populated with data from the 2nd Atlas of variation in risk factors and healthcare for respiratory disease during 2020. This update provides a refresh of some of the hospital emergency admission rates.
Indicators related to under 18 conceptions, pregnancy and birth: 2020 update	05/05/20	PHE	Update of indicators related to under 18 conceptions, pregnancy and birth.
Admissions for children with long-term conditions, emergency admissions and A&E attendance: 2020 update	05/05/20	PHE	Update of indicators for hospital admissions for children with asthma, diabetes, epilepsy, gastroenteritis and respiratory tract infections, overall emergency admissions and A&E attendance for different age groups.
Statistics on Obesity, Physical Activity and Diet, England - 2020	05/05/20	NHS Digital	This report presents information on obesity, physical activity and diet drawn together from a variety of sources for England.
Coronavirus-related deaths by ethnic group, England and Wales: 2 March 2020 to 10 April 2020	07/05/20	ONS	Comparison of deaths where coronavirus was mentioned on the death certificate by broad age group, sex and ethnic group using linked census and mortality records on deaths registered up to 17 April 2020.
Which occupations have the highest potential exposure to the coronavirus (COVID-19)?	11/05/20	ONS	This article uses an estimate of exposure to disease and physical proximity for different occupations to calculate which have the highest potential exposure to the COVID-19.

COVID-19 related deaths by occupation, England and Wales: deaths registered up to and including 20th April 2020	11/05/20	ONS	An analysis of deaths in different occupational groups among males and females aged 20 to 64 years in England and Wales.
Coroners statistics 2019	14/05/20	MOJ	Annual data on deaths reported to coroners, including inquests and post-mortems held, inquest conclusions recorded and finds reported to coroners.
COVID-19 infection survey, England: provisional results	14/05/20	ONS	This release provides initial data from the COVID-19 Infection Survey. This survey is undertaken by the University of Oxford, the University of Manchester and Public Health England.
COVID-19: number of outbreaks in care homes – management information	14/05/20	PHE	Weekly number and percentage of care homes reporting a suspected or confirmed outbreak of COVID-19 to PHE by local authority, region and PHE centre area.
Deaths involving COVID-19, England and Wales: deaths occurring in April 2020	15/05/20	ONS	Number of deaths registered each month in England and Wales, including deaths involving the coronavirus (COVID-19), by age, sex and region.
Deaths within the care sector involving COVID-19, England and Wales	15/05/20	ONS	Number of deaths within the care sector registered year to date in England and Wales, including deaths involving the coronavirus (COVID-19), by age, sex and region.

Upcoming data releases

Release	Date	Organisation	Comment
Coronavirus (COVID-19) Infection Survey pilot: England, 21 May 2020	21/05/20	ONS	This release provides initial data from the COVID-19 Infection Survey.
Bed availability and occupancy data for Q4 2019/20	21/05/20	NHS Digital	This is a quarterly collection from all NHS organisations that operate beds, open overnight or day only.

Coronavirus and the social impacts on British regions: April 2020	26/05/20	ONS	Indicators from the ONS Opinions and Lifestyle survey to understand the impact of the Coronavirus outbreak on people, households and communities.
Female Genital Mutilation - January - March 2020	28/05/20	NHS Digital	Cases of Female Genital Mutilation reported January - March 2020.
Coronavirus (COVID-19) Infection Survey pilot: England, 28 May 2020	28/05/20	ONS	This release provides initial data from the COVID-19 Infection Survey.
Cancer registration statistics: England 2018	29/05/20	PHE	Cancer diagnoses and age-standardised incidence rates for all types of cancer by age and sex.
Case-mix adjusted percentage of cancers diagnosed at stages 1 and 2 for CCGs in England: 2013 to 2018	29/05/20	PHE	1-year and 3-year case-mix adjusted percentage of cancers diagnosed at stages 1 and 2, as compared to stages 1, 2, 3 and 4, by CCG for 21 cancer groups.
Analysis of death registrations not associated with coronavirus (COVID-19), England and Wales: January to May 2020	29/05/20	ONS	This release presents findings on death registrations which do not mention COVID-19, to understand the apparent increase in deaths compared to previous years.
Methodology for rapid estimation of death occurrences	29/05/20	ONS	Outlines a method for rapidly estimating numbers of death by date of death using the latest death registration data available.
NCMP trends in children's body mass index between 2006/07 and 2018/19	04/06/20	PHE	Trends from the National Child Measurement Programme in clear charts and graphics.
Abortion statistics for England and Wales: 2019	11/06/20	DHSC	Statistics and commentary on abortions carried out in 2019.
A&E attendances and emergency admissions for May 2020	11/06/20	NHS England	Monthly A&E performance and emergency admissions for all A&E types, including Minor Injury Units and Walk-in Centres.
Quarterly mortality report, England: January to March 2020	12/06/20	ONS	Provisional death registration and death occurrence data for England, broken down by sex and age.

Note: At the time of release of the Intelligence Update the web addresses embedded in the hyperlinks marked are provisional only for upcoming releases.

All Our Health: e-learning sessions

Public Health England has launched new free bite-sized e-learning sessions, developed in partnership with Health Education England, to improve the knowledge, confidence and skills of all health and care professionals in preventing illness, protecting health and promoting wellbeing. The sessions cover some of the biggest issues in public health and they contain signposting to trusted sources of helpful evidence, guidance and support to help professionals embed prevention in their everyday practice.

Useful information

CACI offering free segmentation to councils

CACI are offering local authorities free access to some of their datasets to support their Covid-19 response. The datasets on offer include Acorn, Household Acorn and Wellbeing Acorn, which can be used to help councils understand where groups of people with certain characteristics live in their area. This can help councils to identify the at-risk and vulnerable residents who will be most affected by self-isolation but may not fall into the Government's 'shielded' group. The data can be used to help councils understand who those residents are, where they are and how best to communicate and engage with them at this challenging time. CACI are offering councils postcode and/or household-level datasets, subject to a simple agreement, to be used solely to support the Covid-19 response.

To request access to this data, click the following link: https://bit.ly/34eHQkH

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 PHE
- The Public Health Profiles page covers a range of health and wellbeing themes to support Joint Strategic Needs Assessments and commissioning

Enquiry service

The PHE Local Knowledge and Intelligence Service LKIS North East operate an enquiry service. Please send your questions and information requests to LKISNorthEast@phe.gov.uk