Leeds Alcohol Licensing Data Matrix

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Introduction / what I'll cover

- The challenge of how to get PH input into the licensing process

- The reasons why and how the Leeds Alcohol Licensing Data Matrix was developed

- Successes we've had to date

- Applicability of the matrix to other topics – our latest community hepatology work

The challenge

*"I would like the number of shops selling alcohol for extended hours to be reduced because I'm sick of the **antisocial behaviour** my family and I are faced with... including drunkards **arguing** and **shouting around the clock**, being **frightened** to nip out for a pint of milk, public **urinating/vomiting** and beer cans **littering** the streets..."*

(quote from a local resident)

*"When I was drinking I felt 'included' in this **world of accessibility** – it validated my appetite... Alcohol dependency has to be the **ugliest** and **most harmful** 'condition' in our modern age and yet we continue to feed it. We pamper it and we celebrate it."*

(quote from an ex-drinker)

4 Alcohol Licensing Objectives (Licensing Act, 2003) and…..the challenge

1. Prevention of crime and disorder

2. Public safety

3. Prevention of public nuisance

4. Protection of children from harm

Anyone spot anything missing??

The challenge continued...

- Hospital admissions for alcohol-related conditions – narrow (2017/18)
  - Leeds: **646**; Y&H: 697; England: 632

- Hospital admissions for alcohol-specific conditions (2017/18)
  - Leeds: 680; Y&H: 607; England: 570

- Hospital admission rate for alcohol liver disease -persons (2016/17)
  -- Leeds: **43.2**; Y&H 41.8; England: 38.5

- Alcohol-related mortality (2017)
  - Leeds: 51.9; Y&H: 50.0; England: 46.2

- Alcohol-specific mortality (2017)
  - Leeds: 13.8; Y&H: 12.4; England: 10.6

What do we have in Leeds

- **3rd largest licensing authority in the country**

- Strong partnership between PH, Licensing, WYP Licensing, local NTE

- Representation on LEG

- Offer free 2 hour training for the NTE on alcohol and drugs, now including – "how to have the conversation…"

- Shared aims:

    1. Increasing / improving the representations to the Alcohol Licensing Committee panel

    2. Reduce the availability of alcohol

    3. Reduce rates of alcohol related crime and disorder

    4. Reduce incidence of alcohol specific and
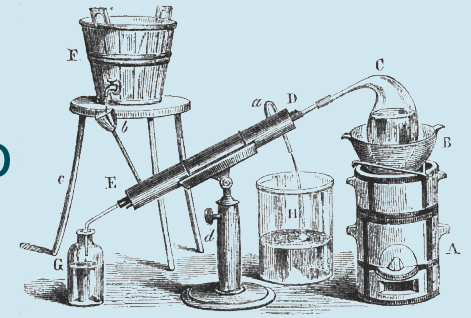
        related hospital admissions

How matrix was developed

PHE: Alcohol licensing: data for public health teams

88 datasets or sources of information available to examine the impact of alcohol licensing

Alcohol specific admissions
Alcohol attributable admissions
Hospital stays f...
Binge drinking...
Claimants of b...
Mortality from...
Number of adu...
alcohol only / ...
Number of adu...
Number of pe...
English Indices...
PHE Local Heal...
Location of De...
Paramedic call...
Road Casualtie...
Years of life los...
Admission epis...
Admission epis...
Admission epis...
Admission epis...
Admission epis...
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Admission epis...

Alcohol related recorded crime
Details of local Violence offences
Details of Drunk and D...
Details of Domestic Vi...
Number of Sec 27 - di...
Drink Driving Offences...
Criminal Justice costs...
Social Services costs o...
Health and Workforce...
Number of people in r...
Location of residentia...
Alcohol Liaison Team ...
Recorded numbers of...
Recorded numbers of...
Data from Multi-Agen...
Numbers and times of...
Fire and Rescue Servic...
Fire and rescue servic...
Paramedic call out tim...
Records re: counterfe...
Under aged sales/ASB...

Proportion in treatment, and proportion of new presentation to treatment, who live with children under the age of 18 by alcohol/ alcohol and non-opiate treatment
Number of episodes fr...
assessment
Admission episodes fo...
Alcohol specific admis...
Under 18 test purchas...
Numbers and proximi...
Number and proximity...
Number of Young Peo...
are accessing a Young...
Number of young peo...
Number of children ar...
Unauthorised school a...
Number of Troubled F...
Number of School Exc...
Looked after Children...
Conceptions to Wome...
Logs of refusal to sell ...
Percentage of student...
Proportion of children...
credits with a reporte...
to as Children living in...

Admission episodes for alcoholic liver disease condition (Broad...
Incidence rate of alcohol-related cancer
Alcohol related road traffic accidents
Number in treatment at specialist alcohol misuse services
Successful completion of treatment for alcohol
Proportion waiting more than 3 weeks for alcohol treatment
Volume of pure alcohol sold through the off-trader: all alcohol...
Volume of pure alcohol sold through the off-trade: beer sales...
Volume of pure alcohol sold through the off-trade: wine sales...
Volume of pure alcohol sold through the off-trade: spirit sales...
Number of premises licensed to sell alcohol per square kilome...
Percentage of adults who abstain from drinking alcohol
Percentage of adults binge drinking on heaviest drinking day
Percentage of adults drinking over 14 units of alcohol a week

LEEDS ALCOHOL LICENSING

DATA MATRIX

Mixed by:

Principal Licencing Officer

Communities & Environment Section Head

Adv Health Improvement Specialist, PH

Principal Legal Officer, Resources & Housing

Senior Information Analyst, PH Intelligence

MSOA

Alcohol Specific admission all ages - any hospital

Alcohol Related admission all ages - any hospital

Looked After Children

Young people Not in Education Employment or Training (NEET)

Youth offences

Alcohol Licensing - Off licensed premises density

LSOA

Deprivation score

% DID NOT achieve grade 9-5 in Eng and Maths Leeds schools

Alcohol Licensing - On licensed premises density

Population 16 and under

Audit-C scoring >7 more - increasing risk (GP recorded)

Alcohol related anti-social behaviour

Alcohol flagged Total Crime - Excluding violent crime
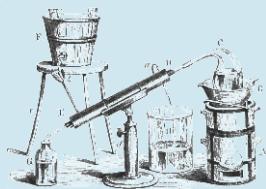
Alcohol flagged Violent Crime

Drunk and disorderly Or Over Prescribed Limit

Clients who use alcohol services
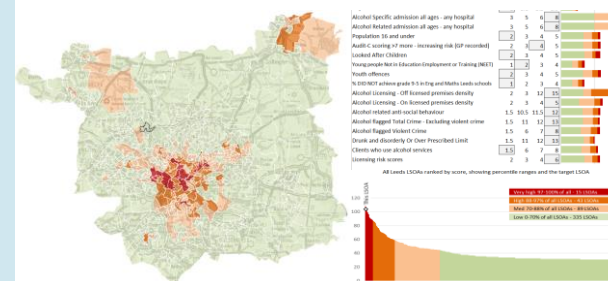
Licensing risk scores

Public Health England

Testing and balancing

LOCAL DATA FOR LOCAL PEOPLE

Alcohol Data Licensing Matrix

The Finished Article.....
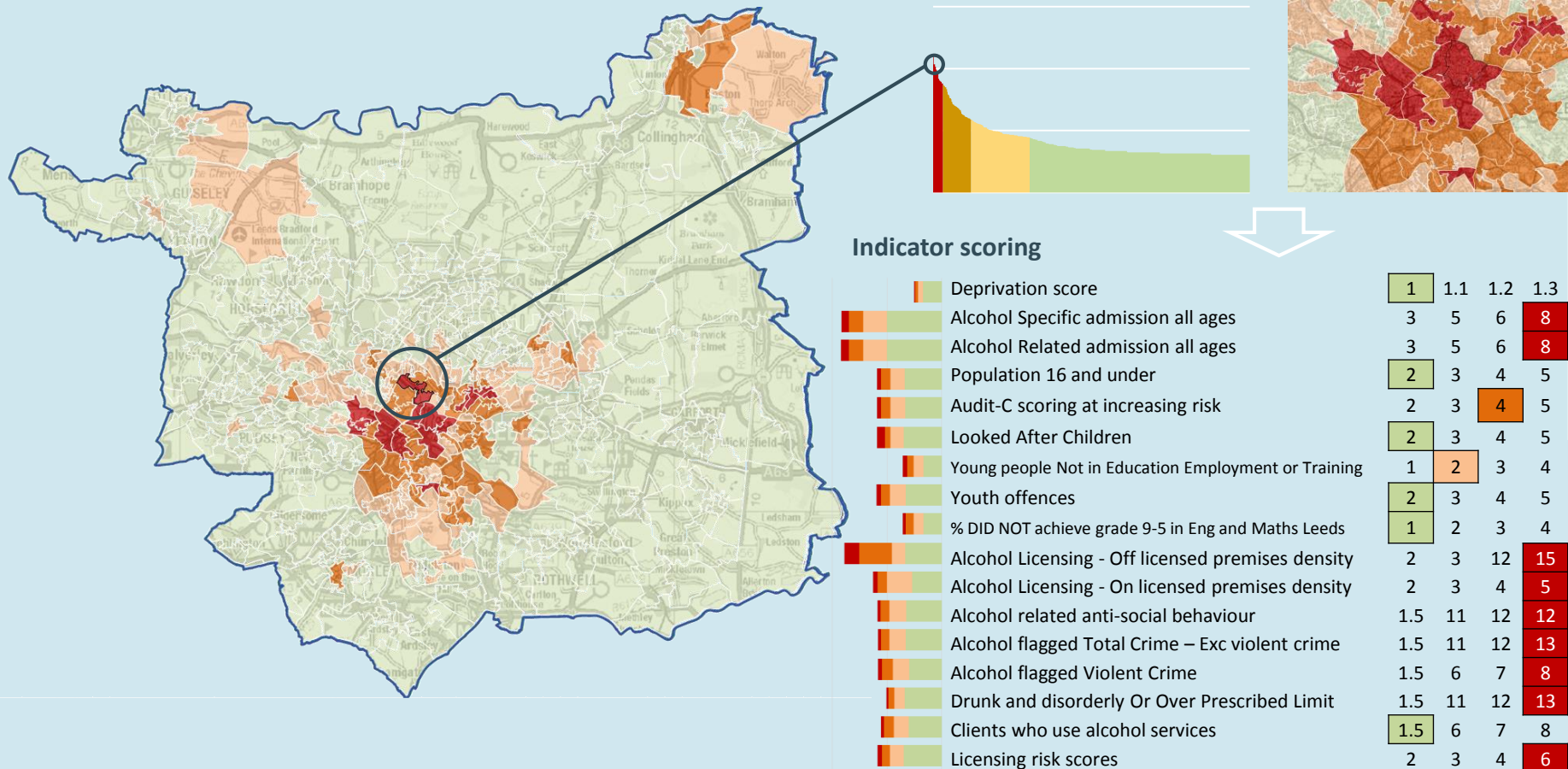
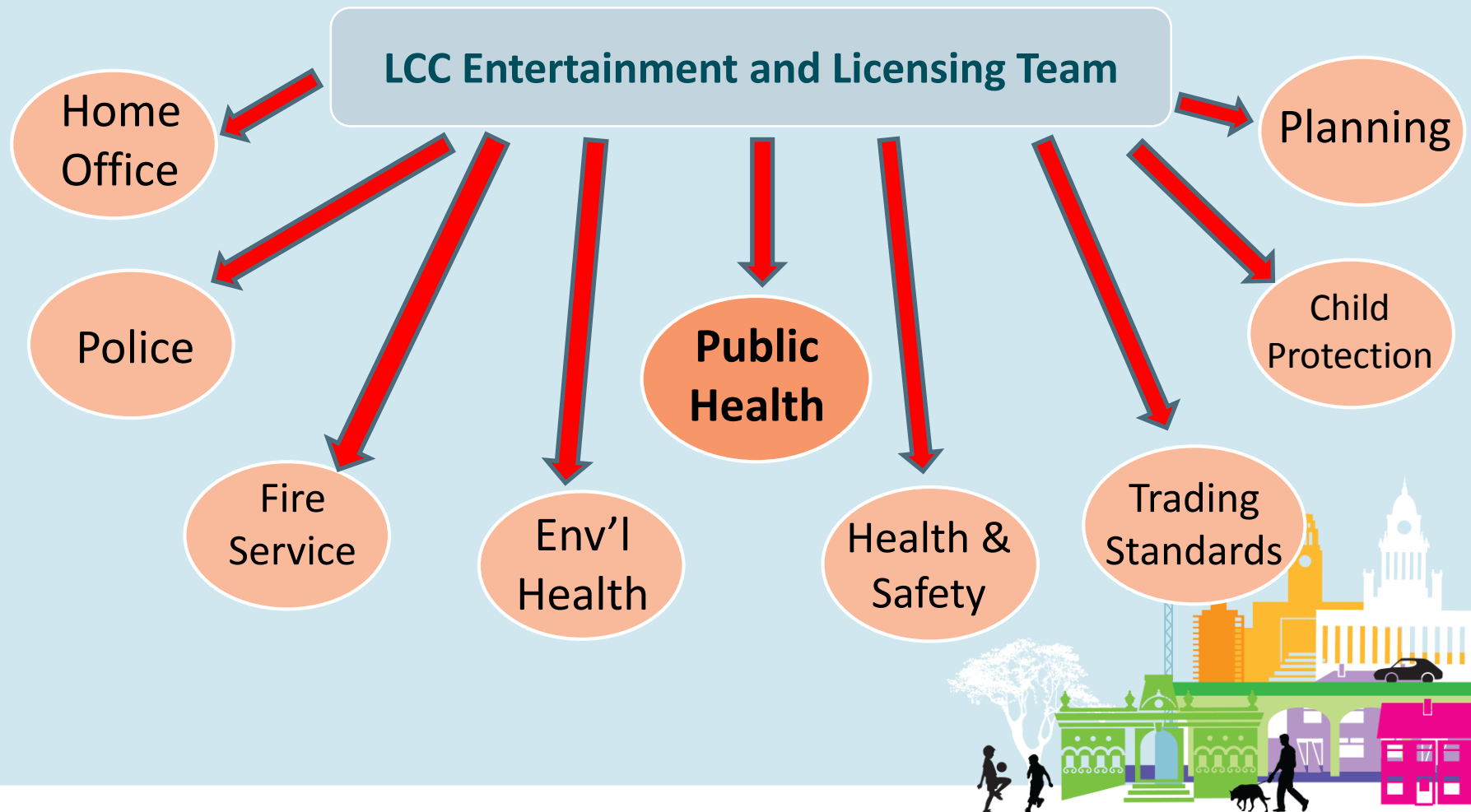# 2. It is original, sophisticated & dynamic

Multiple data sources → Postcode → LSOA ranks 10th — **Very high**

Map and chart highlighting this LSOA in Leeds

Indicator scoring

	1	1.1	1.2	1.3
Deprivation score	1	1.1	1.2	1.3
Alcohol Specific admission all ages	3	5	6	8
Alcohol Related admission all ages	3	5	6	8
Population 16 and under	2	3	4	5
Audit-C scoring at increasing risk	2	3	4	5
Looked After Children	2	3	4	5
Young people Not in Education Employment or Training	1	2	3	4
Youth offences	2	3	4	5
% DID NOT achieve grade 9-5 in Eng and Maths Leeds	1	2	3	4
Alcohol Licensing - Off licensed premises density	2	3	12	15
Alcohol Licensing - On licensed premises density	2	3	4	5
Alcohol related anti-social behaviour	1.5	11	12	12
Alcohol flagged Total Crime – Exc violent crime	1.5	11	12	13
Alcohol flagged Violent Crime	1.5	6	7	8
Drunk and disorderly Or Over Prescribed Limit	1.5	11	12	13
Clients who use alcohol services	1.5	6	7	8
Licensing risk scores	2	3	4	6

Distribution of alcohol licence application requests to Responsible Authorities

LCC Entertainment and Licensing Team

Home Office

Planning

Police

Public Health

Child Protection

Fire Service

Env'l Health

Health & Safety

Trading Standards

Successes to date, benefits & future applications

- Early success
  - 2 x licences refused
  - 1 x approved with conditions;
  - 1 x withdrawn
- Complex/ intelligent/ specific – but, easy to use
  - Excel – no specialist software/ knowledge
  - Developed in-house – minimal cost
  - Updated annually – dynamic and relevant
  - Future online version
- Other local authorities could develop their own version
- Other areas of public health could develop their own version
  - Gambling (betting shops/ arcades)
  - Healthy eating (hot food outlets, BMI, NCMP)
  - Planning etc.
- Interest from a number of other local authorities, Public Health England and the Home Office

Controversial Harehills off-licence banned from selling 24-hour alcohol

"A licensing officer said that, out of 482 areas in Leeds, the area of Harehills in which Krakus is located has the 14th highest instance of alcohol-flagged violent crime and the 19th highest instances of alcohol-related hospital admissions. Most of the areas higher in the lists are in Leeds city centre, and have much higher numbers of drinkers." (15 January, 2019)

This postcode is within the LSOA ranking 10th highest of 482 in Leeds: Leeds Alcohol Licensing Data Matrix

https://www.yorkshireeveningpost.co.uk/news/controversial-harehills-off-licence-banned-from-selling-24-hour-alcohol-1-9538772

The next phase of the Leeds Alcohol Data Matrix – branching into hepatology

- Long standing barrier to tackling Alcohol-related Liver Disease (ArLD) = identifying early disease

- LTHT currently running community based testing for ArLD through use of opportunistic blood tests and FibroScans in primary care settings

- We are using the footprint of the matrix and its indicators to layer additional NHS data to help identify LSOAs /and new GP practices within which to locate the service

- Leeds has been successful in securing a PHE capital grant to purchase 3 new FibroScan machines, so with use of matrix - we can help identify LSOAs/practices where there is high levels of alcohol related harm

Thank you, any questions?

Where you can find out more: PHE Khub: https://khub.net/group/pheyorkshireandhumber - using alcohol data in licensing forum section