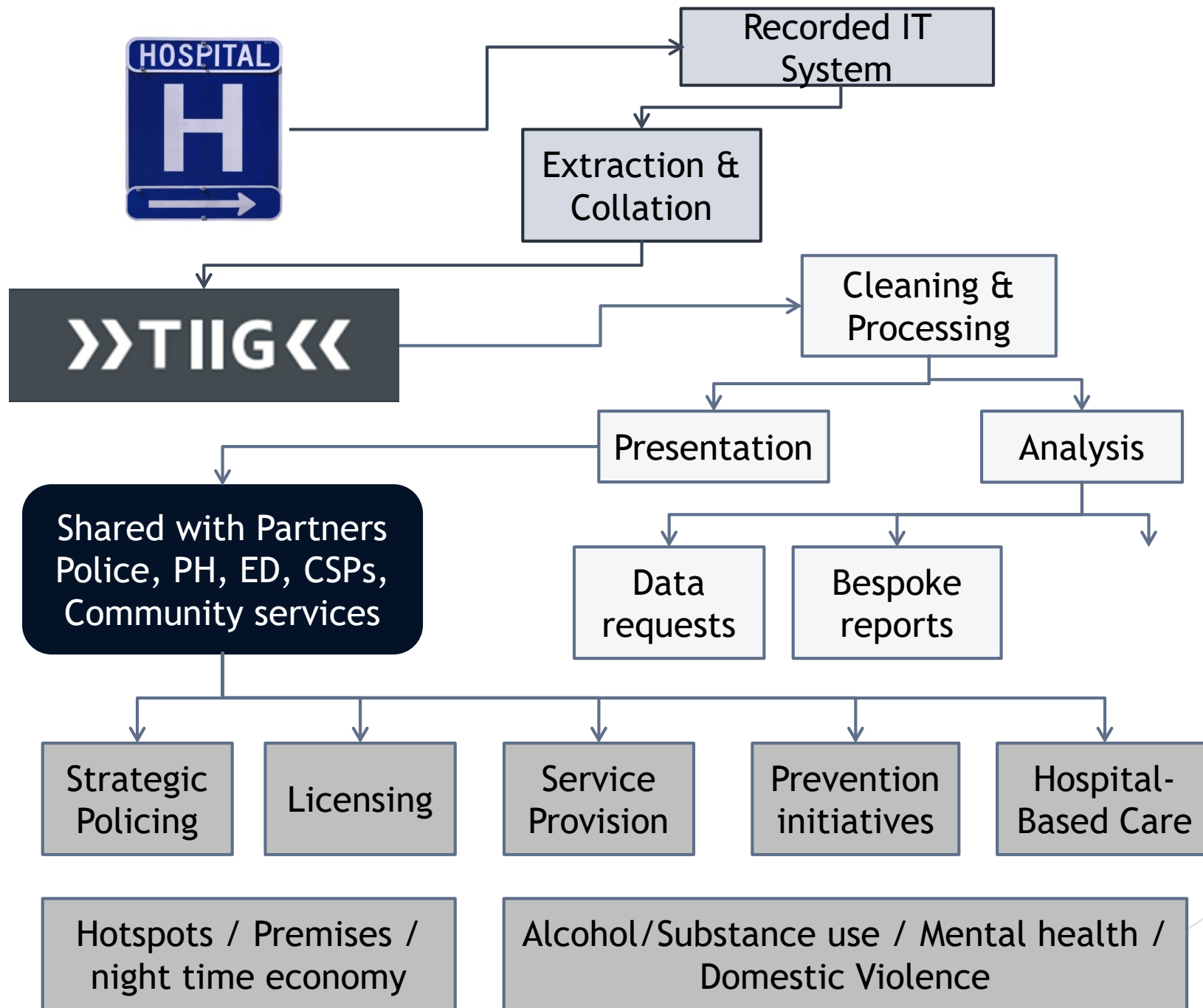


# TIIG data quality and its uses

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# TIIG 2018/19

- ▶ Established in 2001 by Centre for Public Health (now Public Health Institute)
  - ▶ Systematic data collection of ED injury attendances across NW of England
  - ▶ Warehouse NWS data
- ▶ Key aims:
  - ▶ Monitoring of trends (intentional and unintentional injuries)
  - ▶ Assist local partners (Local councils, PH teams, Licensing authorities, CSPs, police)
  - ▶ Monitor trends, inform prevention strategies and identify at risk groups
- ▶ Current status:
  - ▶ Receiving data from 30/31 EDs
  - ▶ Currently commissioned by Lancashire, Greater Manchester, Cumbria, Liverpool, Wirral and St Helens



# Data collected

- ▶ Injury ED attendance data on a monthly basis. Data can be shared at a patient level (non identifiable). Data varies by ED but can include:
  - ▶ Gender, age, ethnicity, geography of residence
  - ▶ Attendance date/time, arrival mode, type of injury, source of referral, location, outcome
  - ▶ Incident date/time, whether alcohol had been consumed in previous three hours
  - ▶ Specifically for assaults: detailed assault location, number of attackers, whether had been assaulted by attacker before, relationship to attacker, weapon used, whether patient thought attacker to be drunk, whether they had or were planning on informing the police, location details of last drink consumed
- ▶ Injury NWAS callout data across all of North West on a quarterly basis. Data can be provided at a summary level. Fields include:
  - ▶ Gender, age, geography of callout
  - ▶ Callout date and time, type of injury, whether callout resulted in visit to hospital

# Bespoke work request examples 2018/19

- ▶ Knife and firearm related violence
- ▶ Spice related NWS callouts
- ▶ Cyclist / pedestrian RTCs
- ▶ Deliberate self-harm
- ▶ Falls in older people
- ▶ Alcohol related attendances
- ▶ Domestic violence
- ▶ Alcohol related assaults
- ▶ NWS callouts for falls
- ▶ License reviews and applications

# Examples of use 2018/19

## ► **Licensing Impact Statement, Design for Security, GM police**

Licensing Impact Statement (LIS) is a voluntary scheme which is designed to provide tailored advice and guidance for designated licensed premises licence holders to assist them in following the four licensing objectives as well as recognising the role well managed licensed premises can have on the local community.

Applicants can apply for a LIS which will be followed by a site visit from a Licensing Consultant. This visit will involve the discussion of physical security, environmental issues, risk management, required training for staff and bespoke recommendations for the premises. Timescales will be put in place with agreed review dates.

TIIG data will be used alongside police data and other health data sources to identify alcohol related violence, theft, robbery as well as the impact of alcohol locally on health. This data will form part of the LIS in order to build a picture of the local area and highlight any issues, both crime and health

TIIG and other data sources will be used for continuous monitoring of these issues.

Arrowe Park ED fall attendances: 65+: April 2014 to March 2018 >> All attendances (Total)

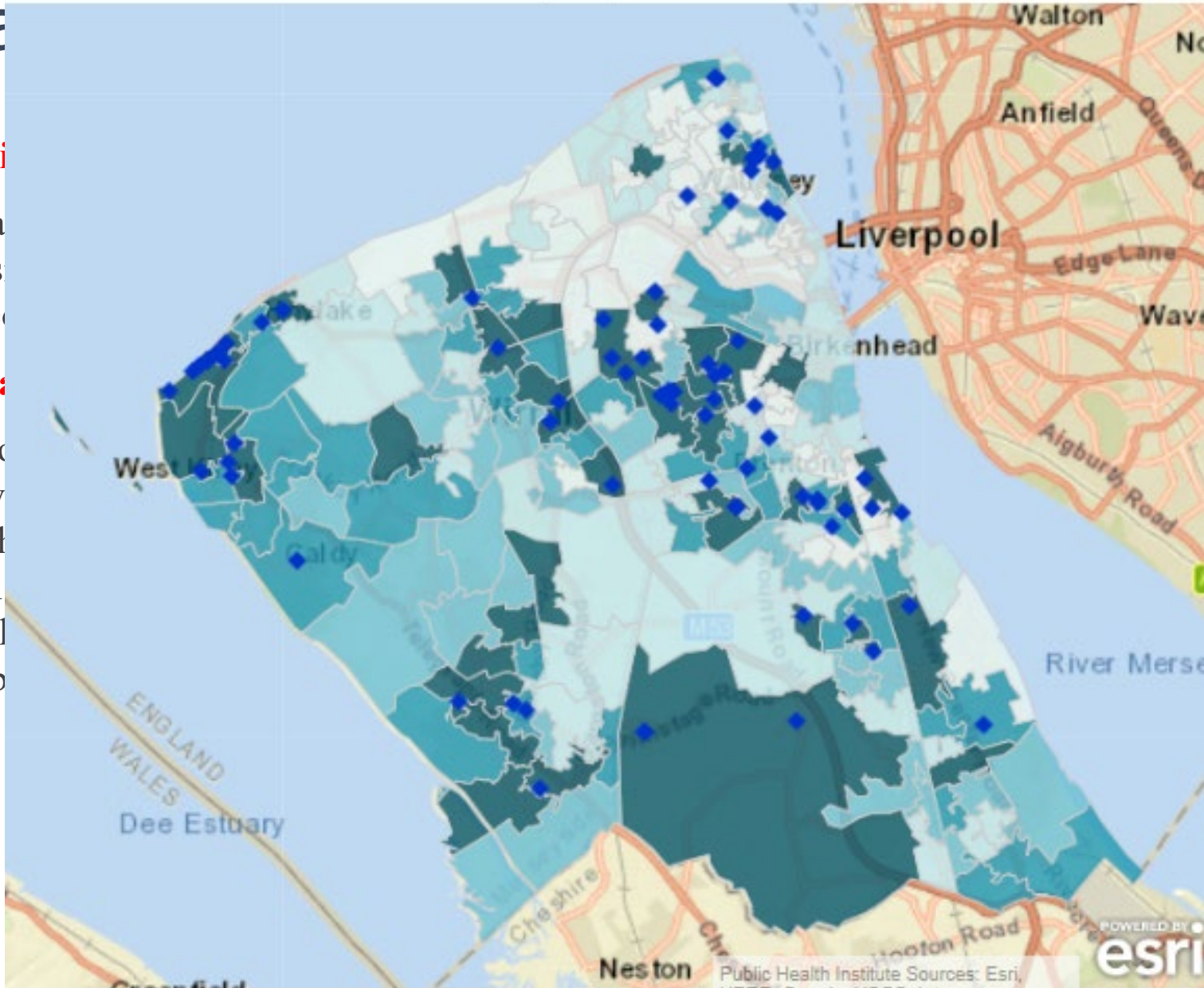
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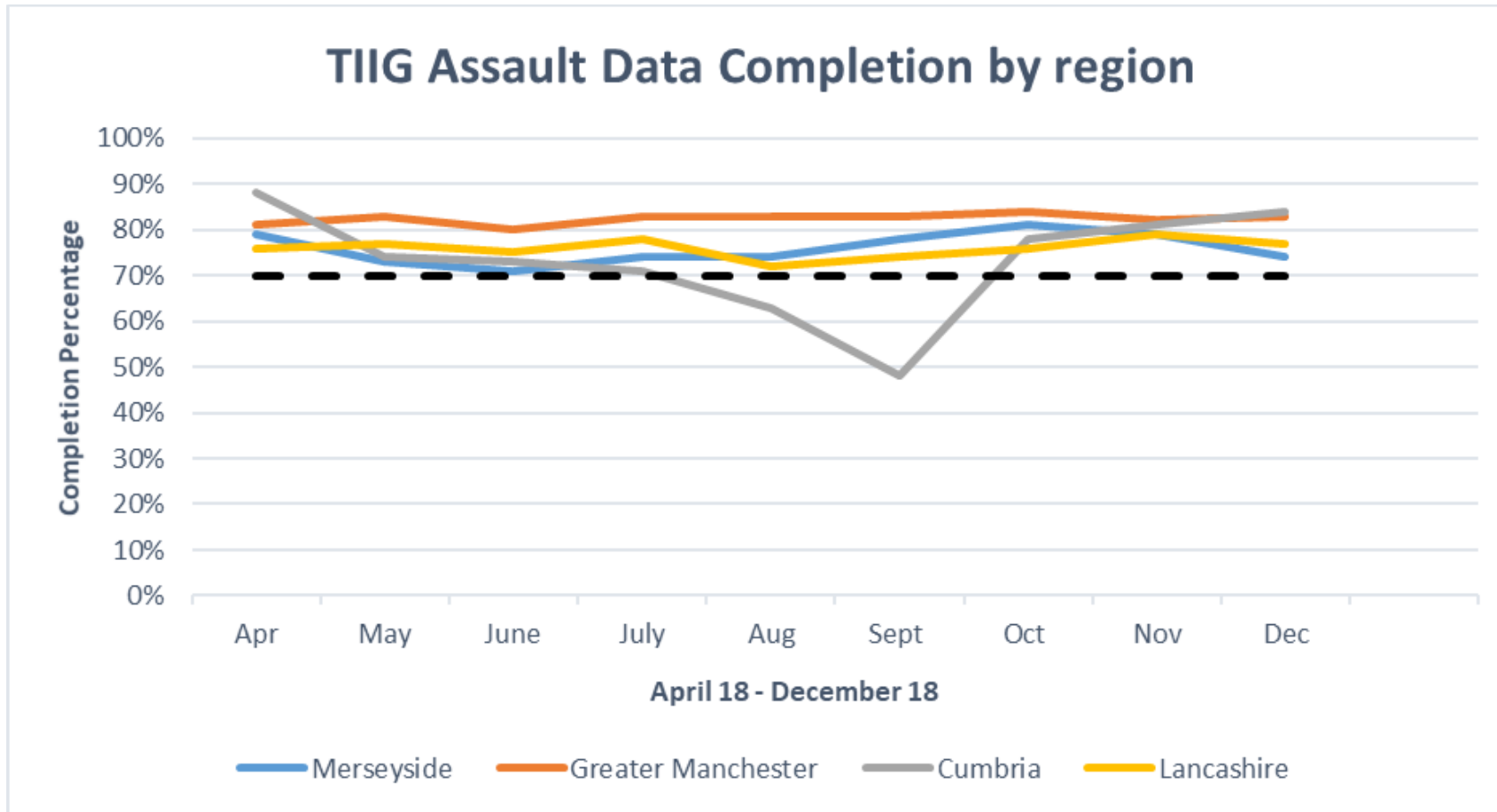
# Data quality - Assault questions

ED	CEM/ISTV Completion rates	Jan 2019
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	Assault date	Assault time	Assault location	Assault location details	Assault weapon	Assault weapon details	Number of Assaults Recorded
Royal Liverpool	Pending						
Arrowe Park	100%	100%	100%	100%	100%	100%	99
Whiston	71%	70%	78%	37%	60%	60%	79
Aintree	62%	62%	100%	56%	99%	99%	140
Salford Royal	99%	99%	100%	76%	75%	75%	99
Tameside General	100%	63%	100%	65%	72%	72%	57
Wythenshawe	79%	79%	73%	52%	74%	100%	70
Manchester Royal Infirmary	86%	81%	47%	36%	37%	37%	140
Fairfield General	100%	100%	100%	85%	100%	Does not collect	38
North Manchester General	100%	100%	100%	94%	100%	Does not collect	117
Rochdale Infirmary	100%	100%	100%	100%	100%	Does not collect	37
Royal Oldham	100%	99%	100%	98%	100%	Does not collect	118
Furness General	83%	33%	100%	58%	83%	83%	24
Blackpool Victoria	99%	63%	100%	45%	64%	64%	78
Royal Blackburn (+Burnley UCC)	100%	3%	68%	56%	68%	68%	98
Chroley & South Ribble	100%	37%	100%	89%	100%	100%	19
Royal Preston	100%	29%	100%	76%	100%	100%	100
Ormskirk and District General	69%	69%	55%	19%	69%	69%	26
Royal Lancaster Infirmary	100%	97%	100%	76%	91%	91%	33



# TIIG Assault Completion Rates



# Challenges and next steps

- ▶ Data completeness
- ▶ Data consistency
- ▶ IT systems
- ▶ ECDS
- ▶ Quality not just completion
- ▶ UCCs
- ▶ Police data



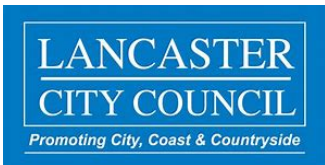
wyre council



Blackpool Council



Lancashire Constabulary  
police and communities together



Rossendale Borough Council



Chorley Council



Burnley.gov.uk



Greater Manchester Health and Social Care Partnership

Wigan Council

designforsecurity



Bolton Council

Salford City Council



Bury Council





**Blackpool Teaching Hospital:**  
NHS Foundation Trust



**Lancashire Teaching Hospitals**  
NHS Foundation Trust

**East Lancashire Hospitals** NHS Trust



**North Cumbria University Hospitals**  
NHS Trust

**University Hospitals of Morecambe Bay** NHS  
NHS Foundation Trust

**Southport and Ormskirk Hospital** NHS  
NHS Trust

**The Pennine Acute Hospitals** NHS  
NHS Trust



**Tameside and Glossop Integrated Care**  
NHS Foundation Trust



**Manchester University**  
NHS Foundation Trust

**Salford Royal** NHS  
NHS Foundation Trust



**Wrightington, Wigan and Leigh**  
NHS Foundation Trust

**Bolton** NHS  
NHS Foundation Trust



**The Royal Liverpool and Broadgreen University Hospitals**  
NHS Trust



**Aintree University Hospital**  
NHS Foundation Trust



**St Helens and Knowsley Teaching Hospitals**  
NHS Trust

**Stockport**  
NHS  
Foundation Trust



**Wirral University Teaching Hospital**  
NHS Foundation Trust

**Alder Hey Children's** NHS  
NHS Foundation Trust



**Countess of Chester Hospital**  
NHS Foundation Trust

**Mid Cheshire Hospitals** NHS  
NHS Foundation Trust

**East Cheshire** NHS  
NHS Trust

**Warrington and Halton Hospitals** NHS  
NHS Foundation Trust