



The Value of Data for Health & Housing

By:
Christina Wraw
Rory Mitchell

The Value of Data for Health & Housing

- Introduction
 1. ScotPHO web page
 2. The impact of housing on health
 3. Public health's contribution to housing
 4. Knowledge into Action
 5. Summary & Conclusion



The
Scottish Public Health Observatory
*"Working to improve Scotland's health
and reduce health inequalities"*

Scot PHO: co-led by ISD + Health Scotland

- Aim: To provide a clear picture of the health of the Scottish population.

Website <https://www.scotpho.org.uk/>

- Range of data and information on the health of the population of Scotland
 - **Topics:** Health, risk factors, behavior, wider determinants
 - **Profile tool:** Local level overview of health & determinants
 - **Guide to key data sources**
 - **Housing: October 2nd**
- Intelligence to be used to better understand and improve Scotland's health

The impact of housing on health

- Housing: up & down stream influences on health
- Ex 1: After housing costs (2014-17)
 - 19% Scots live in relative poverty
 - i.e. income less than 60% of national mean
 - Struggle to pay for....
- Ex 2: Quality of housing
 - Damp and cold housing
 - Asthma, Respiratory conditions, mental health





Health protective & enhancing housing

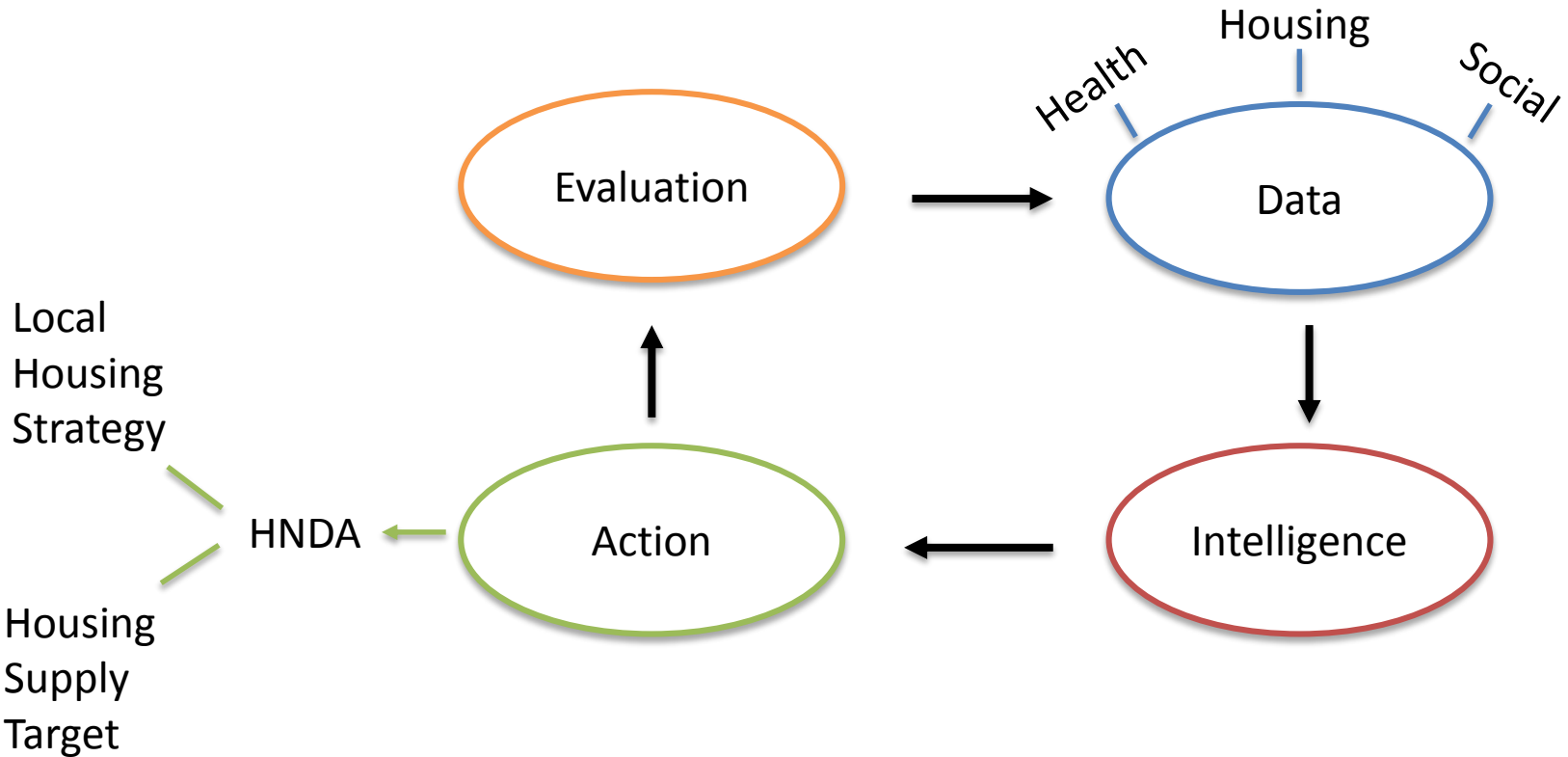
- Local planning authorities can engage with public health professionals & their intelligence
 - Represented on the Housing Market Partnership (HMP)

Use public health intelligence to shape HNDA

- Priorities health protective/enhancing housing
- Local housing Strategy (LHS)
 - **Strategic Housing Investment Plan: affordable housing**

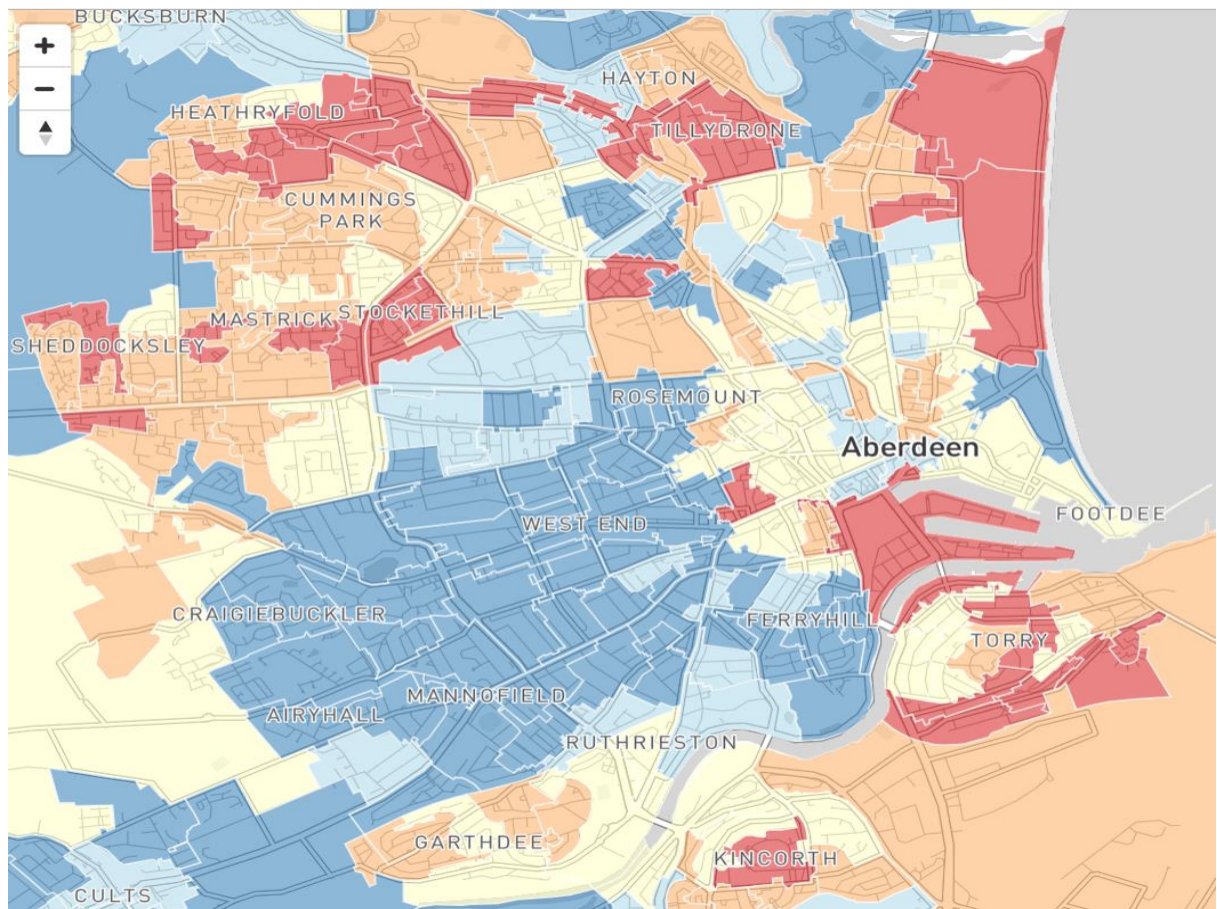
Health data & the HNDA

- Knowledge into action cycle
- **Intelligence:** analysed data & evidence





Example: Health domain of SIMD quintile by data zone in Aberdeen City



Most deprived Least deprived

Health domain

- Standardised Mortality Ratio
- Hospital stays related to alcohol misuse
- Hospital stays related to drug misuse
- Comparative Illness Factor
- Emergency stays in hospital
- Proportion of population being prescribed drugs for anxiety, depression or psychosis
- Proportion of live singleton births of low birth weight



The impact of housing on health

- Key document
- See Housing Strategy Briefing Paper
 - NHS Health Scotland
 - Highlights how public health intelligence can help inform HNDA and housing targets and strategies

<http://www.healthscotland.scot/publications/housing-strategies-briefing-paper>

Public health's contribution to housing

- Housing has up and down stream influences on health across the life course.
 - Affordability, quality, overcrowding, necessary alterations, green space etc.





Housing indicators relevant to health

- National and local housing indicators
 - rates of social vs private rentals
 - housing cost & affordability
 - fuel poverty
 - home adaptations
 - sheltered housing
 - overcrowding
 - homelessness, gypsy/travellers, and physical environment



Public health's contribution to housing

PROACTIVE



- Public health colleagues can take **active** interest in housing
 - Apply public health intelligence to the local housing need assessment
 - Shape the local housing supply targets and strategies
 - Health conscious model for housing

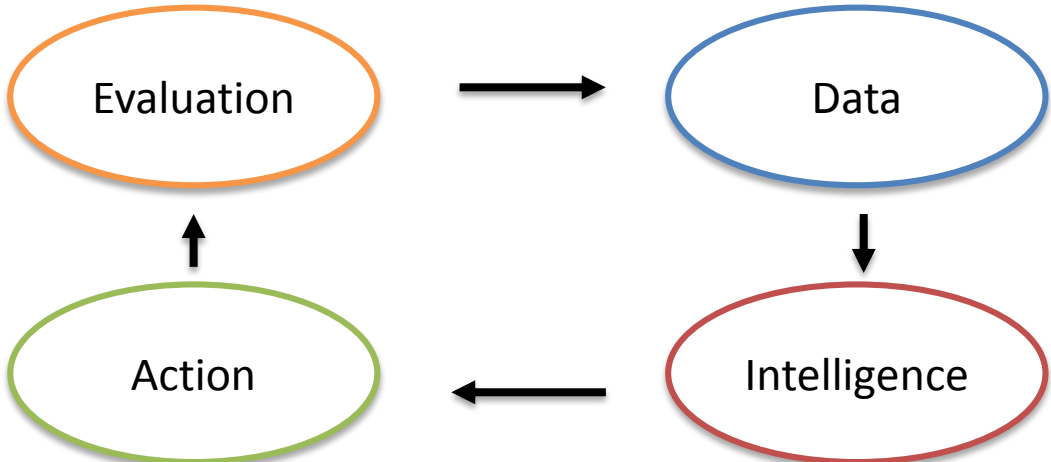


Health data limitations

- HNDA based on 5 year plans
 - Critical to use the most up to date and high quality data
 - Ex. Using NHS Lothian data ('live feed' but raw) vs NHS-NSS ISD data (3 + months delay but clean)

Health & Housing

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Health & Housing

- Summary & Conclusion
 - Think of ways you can capitalise on opportunities to collaborate and use data/intelligence.
 - **Keep in mind:**
 - Who to contact
 - What data you can use
 - Common health and development goals



Intelligence & collaboration

Intelligence + collaboration with health/housing colleagues.

Useful contacts:

Duncan Sage, Principal Information Analyst - LIST
duncan.sage@nhs.net

Christina Wraw, Public Health Intelligence Adviser
Christina.wraw@nhs.net

Rory Mitchell, Public Health Information Manager
rory.mitchell@nhs.net



References & Useful links

- <https://www.scotpho.org.uk/>
- <https://jamestrimble.github.io/imdmaps/simd2016/>
- <http://www.healthscotland.scot/publications/housing-strategies-briefing-paper>
- <https://www.gov.scot/Topics/Statistics/SIMD>