

**Community
Alarm/Telecare Data
Collected by ISD**



**Local
Intelligence
Support
Team ISD**

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Principal Information
Analyst**



Data Collection

Background to 'Source' Data Collection

- All H&SCPs are required to send in their social care returns to ISD so they can develop a linked (individual level) longitudinal social care dataset for all partnerships in Scotland. This can also be linked to health data.
- ISD has collated all partnership returns for financial year 2017/18
- We are currently collecting for periods 2018/19 quarters one and two (April – September '18).
- All partnerships have been provided with social care outputs for 2017/18.
- First publication of social care outputs will be available in June 2019.

Minimum Dataset for Community Alarm/Telecare Section of Source

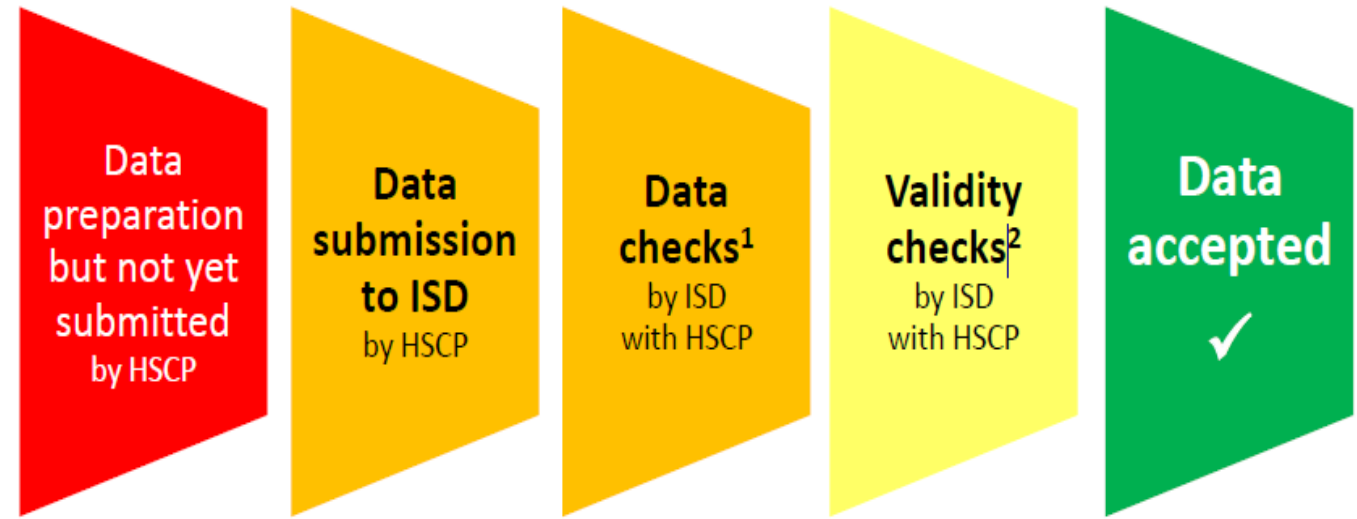
Data Item	Description	Priority
Social Care ID	The identifier used within Local Authority to uniquely identify a client	Mandatory
Financial Year	The financial year the quarter recording belongs to	Mandatory
Financial Quarter	The financial year being reported	Should be provided
Service Start Date	The date the service started	Mandatory
Service End Date	The date the service ended. Can be null.	Should be provided
Service Type	Telecare or Community Alarm	Mandatory
Service Provision Budget	Primary budget code for the service	Optional

Community Alarm/Telecare Data Assumptions

- Data will be submitted for clients whose community alarm or telecare service was active during the period specified
- There may be multiple records for a client within the period
- Multiple installation dates may exist within a reporting period
- The service start date may be prior to or during the specified period
- The service end date may be during or after the period specified on and therefore may be null



Visual summary of Source Social Care data submission and acceptance sequence — 2018/19 —



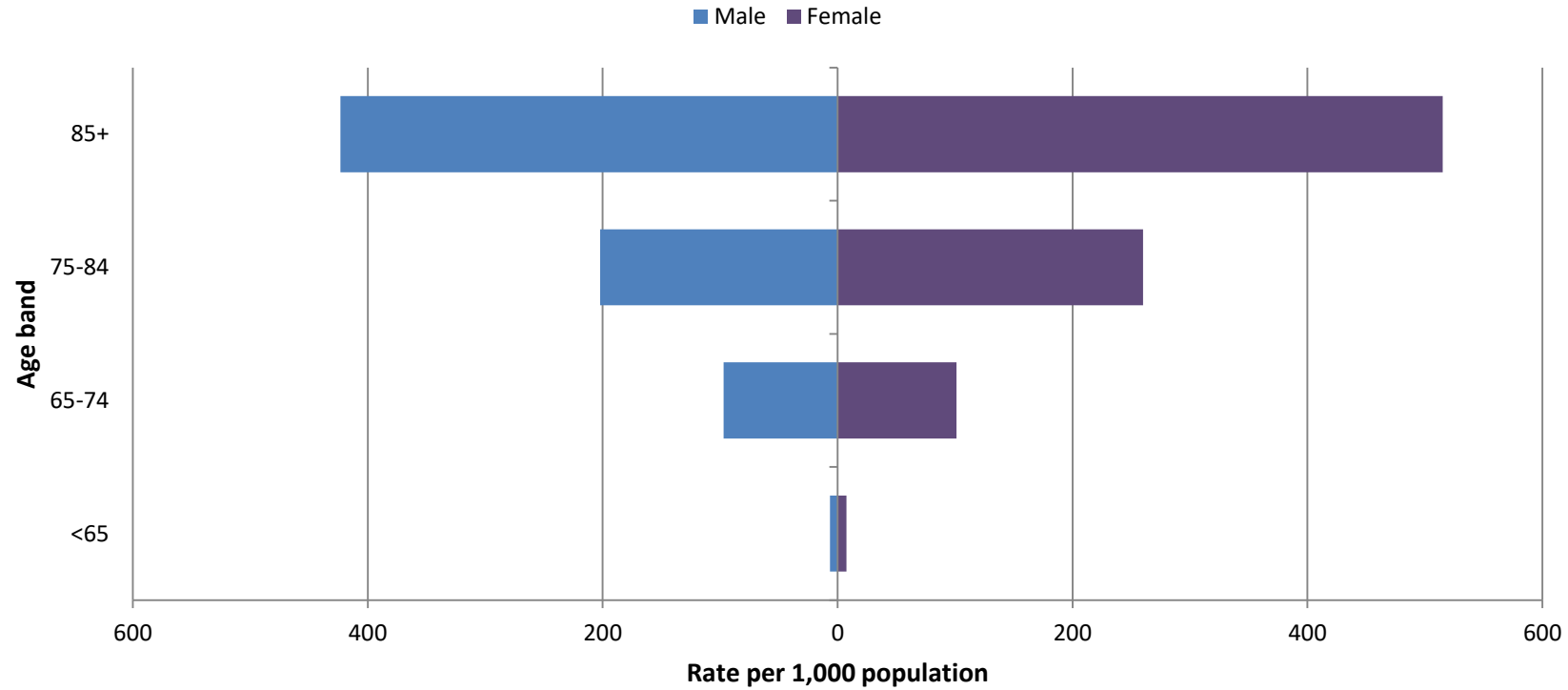
¹ checks made on quality and completeness of data at the first stage
² analytical data quality checks at second stage



**Outputs from
Source:
Community Alarm/
Telecare Section**

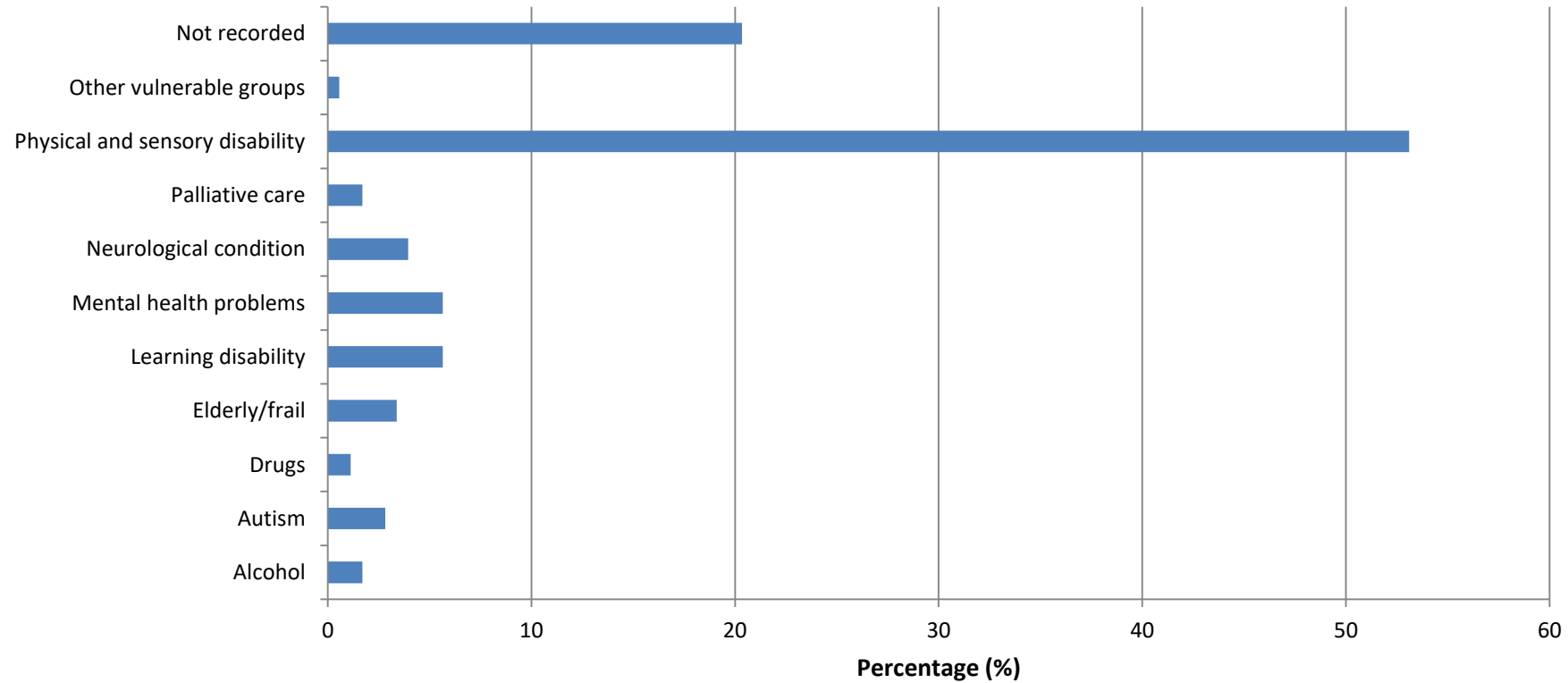
Demographics

Age and gender breakdown for equipment category: All services
(H&SCP X)



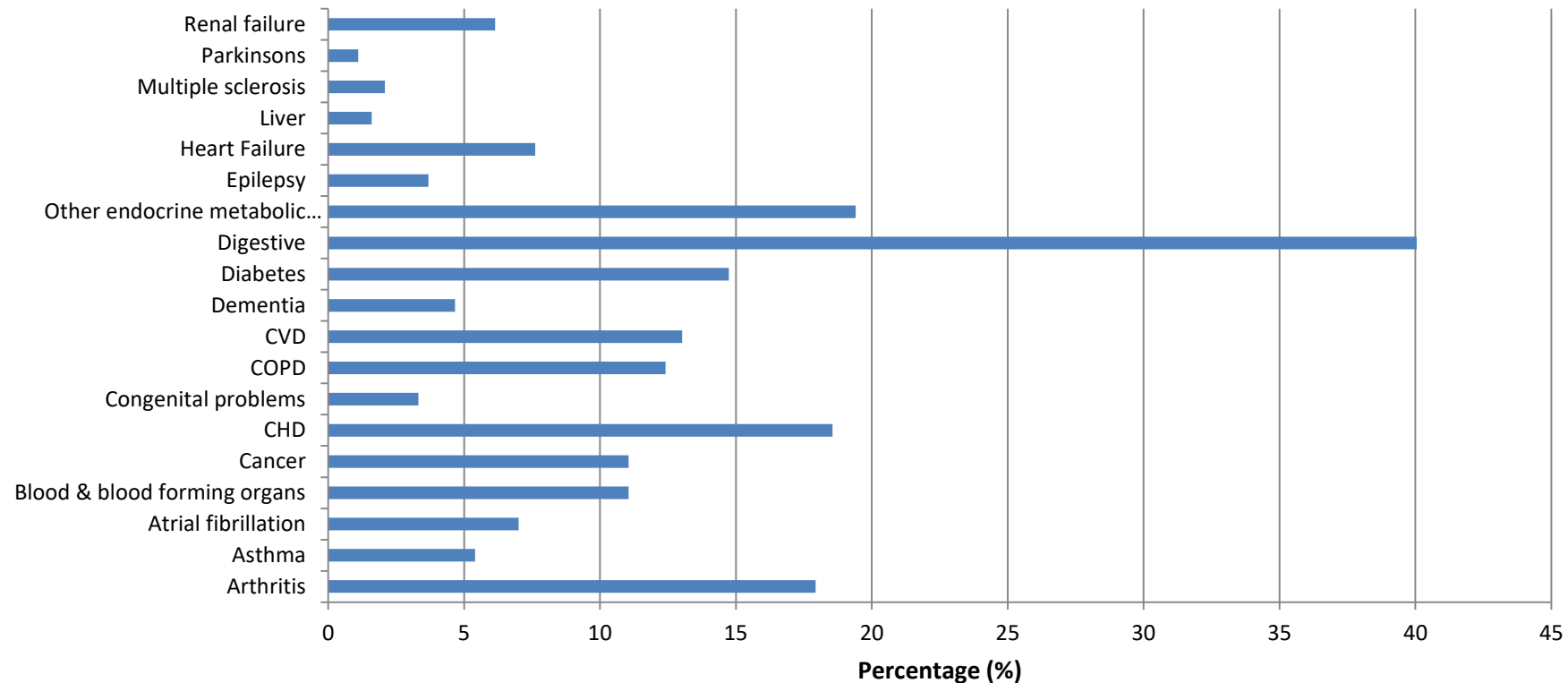
Population Classifications (1)

Equipment (All services): Client type (social care) for Locality X (client rate for <65 age band)



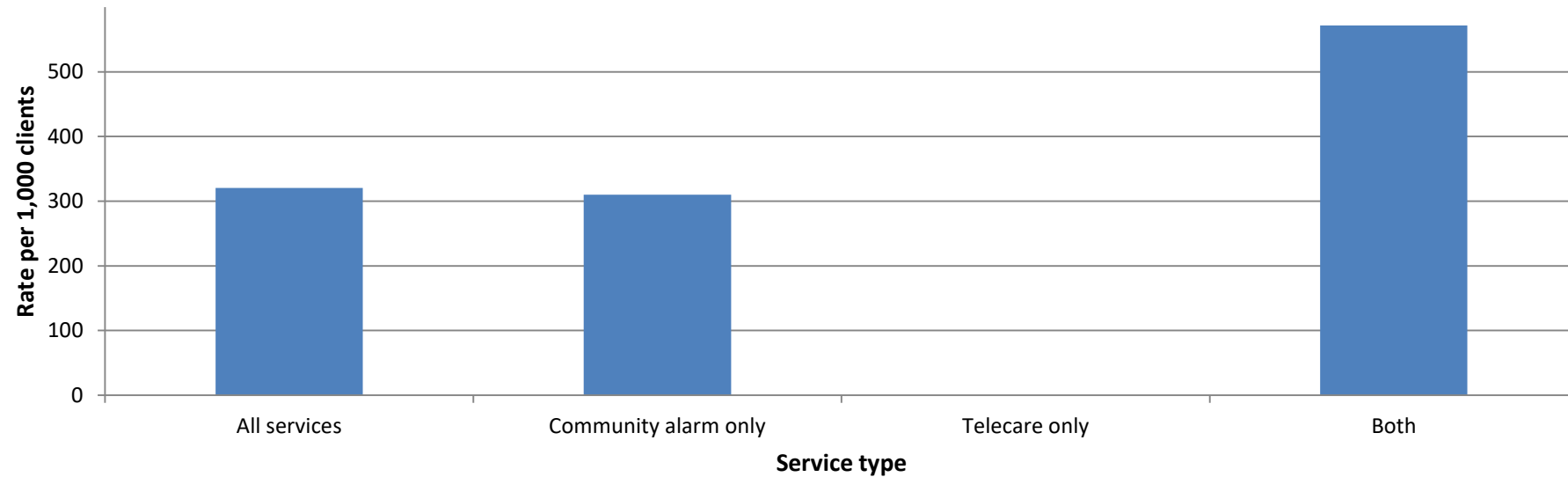
Population Classifications (2)

Equipment (All services): LTC distribution for Locality X (all ages rate)



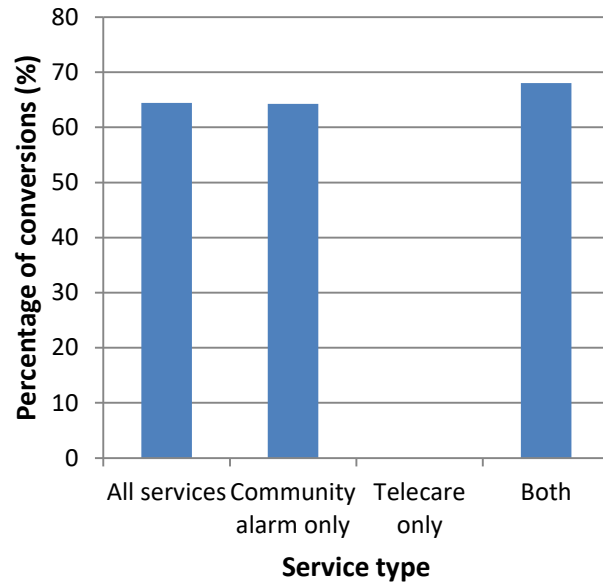
Unscheduled Care – A&E attendances

Equipment: A&E attendance rate – Locality X



Unscheduled Care – Admissions from A&E

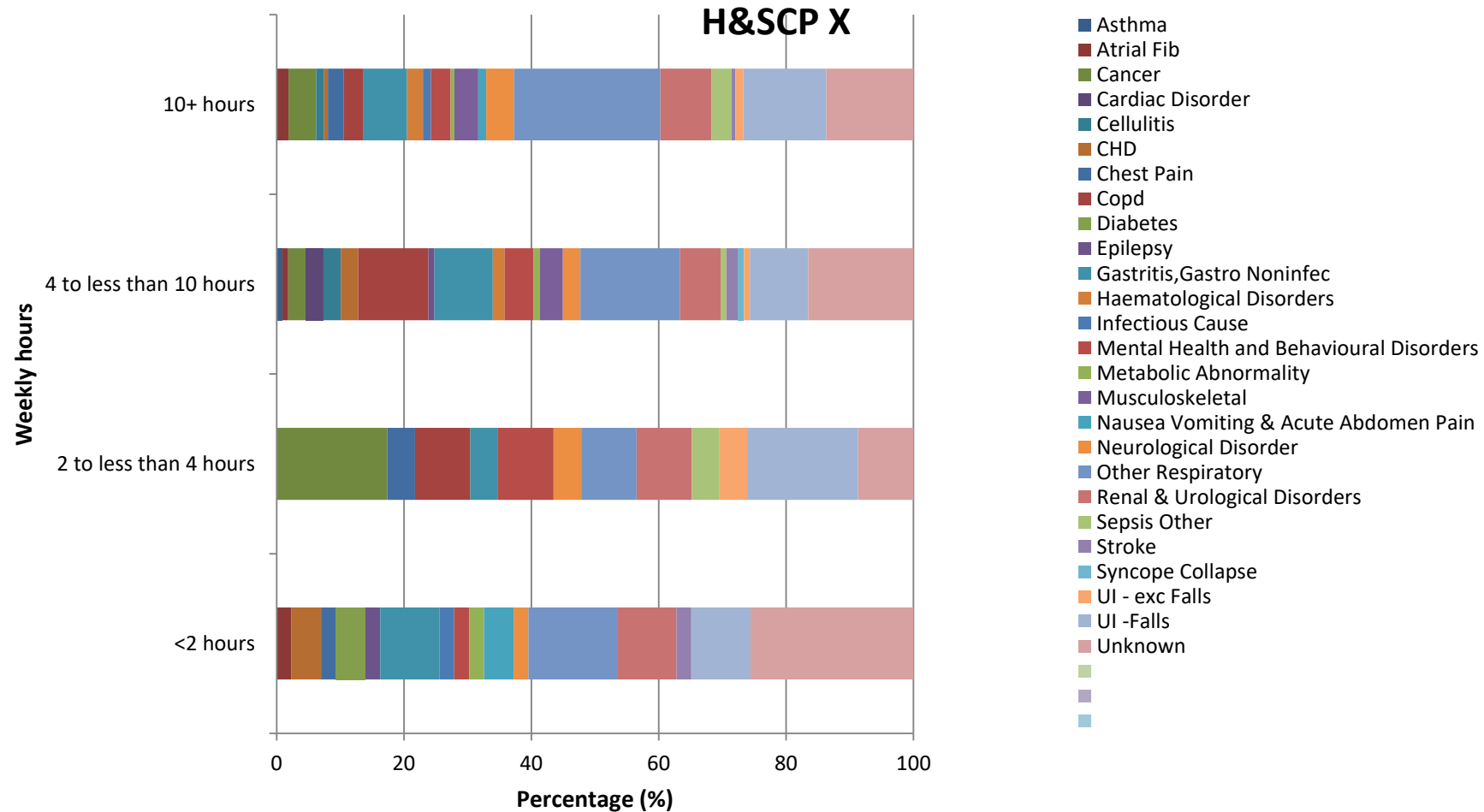
H&SCP X

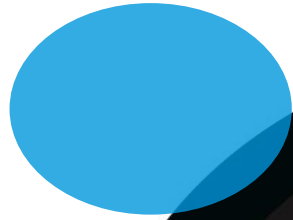


Average A&E conversion rate for all people aged 65+ living in H&SCP X during 2017/18 was 55%

Unscheduled Care – Non-Elective Admissions

Equipment: Emergency admission reason - percentage breakdown for

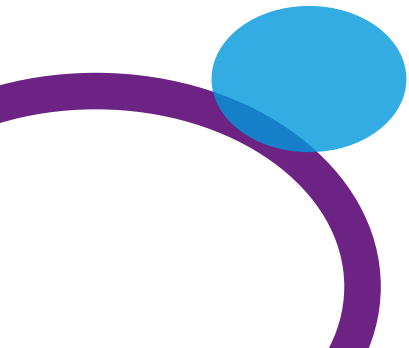




Summary

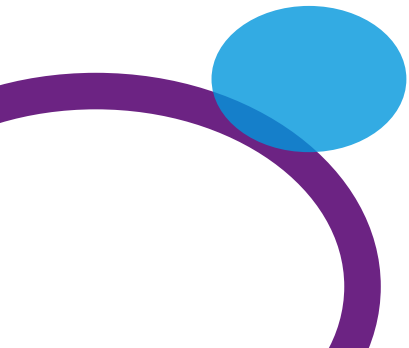
What ISD can do

- Report on 'hard' outcomes such as A&E attendances, emergency admission, length of stay, mortality, etc.
- Benchmark and monitor variation of outcomes between H&SCPs and help identify areas of best practice
- Trend analyses after the 2018/19 social care data has been returned
- ISD will publish analyses from Source in 2019
- Pathway analysis
- GIS mapping
- Service user costs
- We can support universities in further research



Limitations to data

- We cannot determine clinical or cost effectiveness of telecare/community alarms (needs an RCT study e.g. UTOPIA study)
- We do not normally collect 'soft' outcomes data such as those that come from satisfaction surveys
- The vast majority of ISD analysis comes from routinely collected data i.e. there may be important gaps in the data leading to questions, such as, 'What type of telecare do the clients have?'





Questions

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