Health *view*

DATA AGGREGATION & ANALYSIS FOR THE HEALTH SECTOR

H: Hertzian

INTRODUCTION TO REPORT

The aim of this document is to act as a showcase of what Healthview's bespoke analytical technology can produce.

This document will show how Healthview can help you understand the opinions of both your patients and your staff. This may be through a wide-geographic analysis highlighting major issues across a region or through a more focused analysis of specific subjects within an individual hospital.

Healthview has been created with the aim to help identify key patterns amongst large sets of patient & staff data to help set key actionable points with the aim of improving the Health sector.

The technology behind Healthview has been tailor made to discover these patterns amongst data relating to the Health Services, Housing, Welfare & Benefits, Leisure & Wellbeing & Adult Social Care.

Whilst Healthview can accurately identify key patterns and issues amongst the data, Healthview's partner, HootVox helps by collecting this data from the patients/staff members themselves. HootVox does this by automatically sending out questionnaires to individuals to help improve the data collection process.

HOOTVOX

Healthview's technology has been built to work closely with HootVox's system to allow easy integration & rapid deployment across large-scale networks.

COVERAGE DIAGRAM

Healthview can help understand a large variety of subjects within the Health sector.
The diagram below shows the subjects covered by our technology.

HEALTH SERVICE

- GP Services
- Counselling & Therapies
- Occupational & equipment
- District Nursing
- Intermediate care
- Drug and alcohol services
- Public Health
- Mental health services
- Continuing health care
- Reablement
- Care homes with nursing

HOUSING

- House-related support
- Extra care housing
- Social housing
- Support Living
- Warden schemes
- Housing advice
- Adaptions to the home
- Handy person service

ADULT SOCIAL CARE

- Safeguarding
- Day Care
- Meals
- Care homes
- Home care
- Carer services

WELFARE & BENEFITS

- Employment support
- Care advice, advocacy & brokerage
- Disability benefits
- Professional Support
- Welfare rights
- Housing benefits
- Citizens advice

LEASURE & WELLBEING

- Support planning
- Sports facilities
- Education services
- Library services
- Transitions from children services
- Transport services
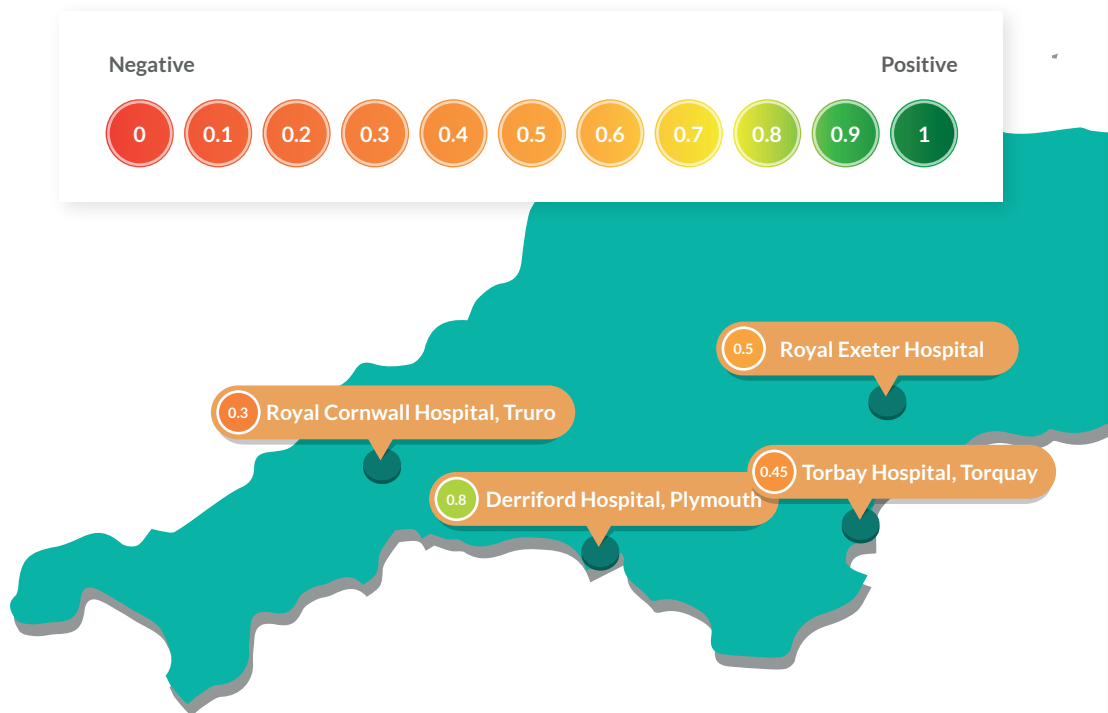- Community Centres

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PATIENT BREAKDOWN EXAMPLE

TOPIC: PRIVACY

Healthview can help you understand two different perspectives within the health sector, the first being the patient's point of view. By working with HootVox, Healthview can gather and analyse large amounts of patient opinions to find patterns amongst the data. All of this data is presented using easy-to-understand graphics

GEOGRAPHICAL OVERVIEW

Frequent Statements made by Staff members in these wards:

Negative   Positive

0   0.1   0.2   0.3   0.4   0.5   0.6   0.7   0.8   0.9   1

0.5 **Royal Exeter Hospital**

0.3 **Royal Cornwall Hospital, Truro**

0.45 **Torbay Hospital, Torquay**

0.8 **Derriford Hospital, Plymouth**

STATEMENT CLOUD

Frequent Statements made by Staff members in these wards:

0.3 — It's also so busy in the ward, I find it really hard to get any privacy or quiet time.

0.5 — When my family visits it would be nice if there weren't so many people around.

0.3 — It makes me nervous when people I don't I've not seen before come into my room.

0.1 — I hate it when I am trying to get some sleep or read a book and all I can hear is people talking, coming and going.

0.8 — The nurses and doctors are really respectful and thoughtful of my privacy when I have to do the difficult things.

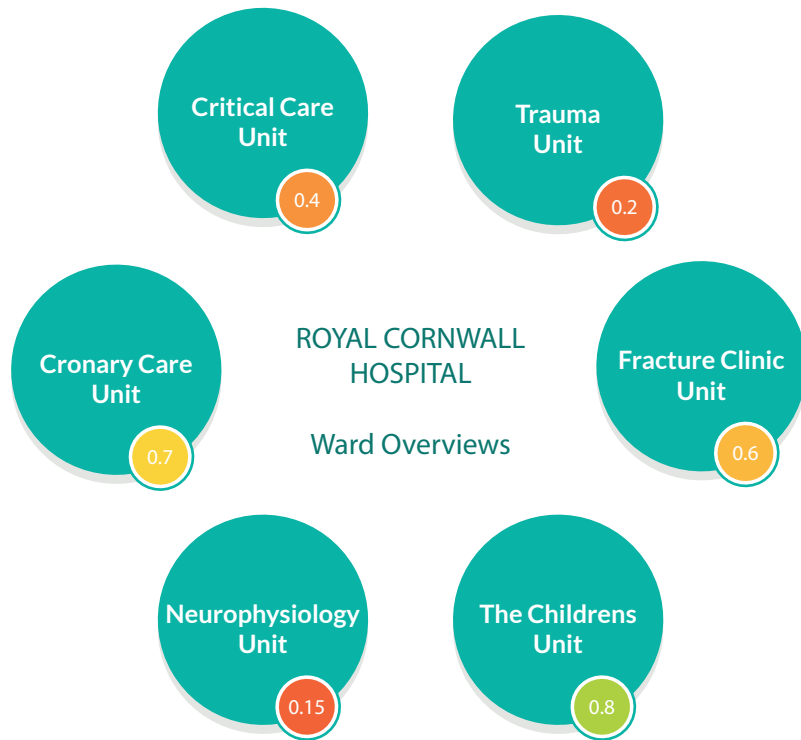0.7 — It's nice that they have curtains for me to have my privacy.

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STAFF BREAKDOWN EXAMPLE

Whilst understanding your patients is essential, Healthview can also help you understand another key perspective, the perspective of your staff. Once again, by utilising HootVox's data collection suite, Healthview can present consistent patterns through the use of accessible graphics.

WARD OVERVIEW

Frequent Statements made by Staff members in these wards:

Critical Care Unit
0.4

Trauma Unit
0.2

ROYAL CORNWALL HOSPITAL

Ward Overviews

Cronary Care Unit
0.7

Fracture Clinic Unit
0.6

Neurophysiology Unit
0.15

The Childrens Unit
0.8

STATEMENT CLOUD

Frequent Statements made by Staff members in these wards:

0.0 — People's lives are put on the line every night when I don't have the equipment necessary to do the job at hand!

0.4 — I've been using some of the same equipment for years now, they need to be replaced.

0.3 — I cut my hand on a broken piece of equipment once, I didn't have time to report it.

0.4 — The tools I use are unreliable or faulty...Get it fixed

0.1 — When you work with children you want to have the best tools available, not something that's outdated. When you know there is better.

0.3 — Sometimes patients have to wait for treatment because there isn't enough equipment to go around:

Negative   **Positive**

0   0.1   0.2   0.3   0.4   0.5   0.6   0.7   0.8   0.9   1

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Healthview understands that presenting the analysed data is useful but the real value comes from finding patterns amongst the data to gain an insight.

Healthview aims to do this by utilising state-of-the-art technology to quickly be able to understand and recognise any consistencies in a collection of data.

All of Healthviews insights are presented in a clear and easy-to-understand way with the aim for the reader to be able to quickly identify clear actionable points.

ABOUT HERTZIAN

Healthview has been developed by Hertzian Ltd

Hertzian specialise in discovering patterns in large sets of data through the use of advanced computing techniques. Utilising a wide-range of data analysis techniques including Machine Learning, Natural Language Processing & Big Data storage solutions, Hertzian build industry focused solutions with the aim of helping it's clients understand their customers in a truly unique way.

www.hertzian.co.uk

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