RXDefine & RXExend data stats and facts – July 2021

RXinfo — data *into* information

SUPPORT

How many in the team?

↑ **10** RX-INFO TEAM MEMBERS

2.5 DEVELOPERS WORK FULL-TIME ON THE SYSTEM

How many training sessions you provide?

- Video and product literature on demand
- >500 trained this year with on line sessions so far
- Regional training run over last 10 years
- Full support via telephone / Teams

How many help calls you get weekly?

50+ SUPPORT INTERACTIONS PER WEEK

SCOPE

Data loaded on a **13** HOURLY BASIS each day inc. weekends

How many databases are connected to?

↑ **781** data sources from
↑ **446** NHS hospitals

17 different data sources

How many active customers?

↑ **7623** ACTIVE USERS
↓ **2662** ACTIVE USERS IN 2021
↑ **169** ACTIVE USERS TODAY (06/07/21)

How many users?

↑ **9555** USERS (as 06/07/21)
↑ **264** CENTRAL USERS (policy & public health level)

DIRECT FEEDS OF STANDARDIZED DATA TO:

- Model HealthCare System
- Covid Vaccine batch# monitoring
- Public Health England, Wales, Scotland, NI
- ESPAUR group (antimicrobial stewardship)
- Covid-19 stock management
- NHS Special Commissioning
- Commercial Medicines Unit
- Brexit Medicine Supply Monitoring

The NHS is the _only_ social healthcare system worldwide to have this level of insight to medicines issues and stock holding on a daily basis

Critical **_daily_** data in understanding Covid stock supplies and other medicines stock levels (e.g. Brexit) • UK data is highly **_unstandardized_** ↑21,903 concepts become ↑4.014m descriptions

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DATA

How much data is held?

Issues
↑ **1,098,229,377** RECORDS
↑ **253**GB (compressed)

Purchasing
↑ **110,000,000** RECORDS (approx)

What is the volume of data flowing daily/monthly into the servers?

↑ **117m** transactions of issues data last year

All Trusts load daily (chased if this does not happen)

How many drug files are matched?

↑ **3,754,027**
As of 10.10am 07/07/21 drug descriptions published

This number increases by
↑ **1,160** EACH DAY

Mapping completed to:
↓ **0** DAILY ON WEEKDAYS

DAILY QC/QA OF THESE DATA

↑ **21,903** VMPs currently in the dm+d dictionary

WEEKLY LOAD OF NEW REFERENCE DATA (DM+D)

↑ **1,971,189** Mapped to GS1 equivalent level (AMPP) (40%)

↑ **2,469,364** Mapped to brand (AMP) (61.6%)

↑ **2,773,286** Mapped to pack size (VMPP) (69.6%)

DATA COMPLEXITY

How many anything else you think might show the complexity, challenge and 'non-simplicity' of the work…

April 11
DATA BACK TO APRIL 2011 HELD (no longer accessible from pharmacy stock control systems)

VAT ACCOUNTING TO PRESENT ACTUAL COST (real spend) depending on how medicines are supplied

SYSTEM MODELS FOR SLAS where medicines are supplied on behalf of another NHS organisation

HOMECARE ATTRIBUTION (including service fees)

STANDARDISATION OF COST CENTRES TO SPECIALTY

STANDARDISATION OF UNITS OF ISSUE

Non-dm+d mapping allocation e.g. Spend on –

Parenteral Nutrition
↑ **17,995** = **£90.2m** RECORDS last 12 months

Radiopharmaceuticals
↑ **1,473** = **£7.67m**

MANUFACTURED PRODUCT ATTRIBUTIONS (for cancer medicines and biologics)

↑ **4,905** ambiguous maps in raw data set – work with Trusts to clarify

bsi. ISO 9001:2015 Quality Management

CYBER ESSENTIALS PLUS

↑↓ Data changes from 2020.