HIQA – Driving improvements in Ireland's Health Information System

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Standards and Technology Manager

Safer Better Care

Agenda

1. HIQA's Health Information Function
2. Importance of health information
3. Type of standards HIQA develop
4. eHealth and Interoperability
5. Information Management Standards
6. Recommendations and Guidance
7. Challenges and opportunities

Health information function

Provide **leadership** in defining health information landscape

Set s**tandard**s, develop **guidance** and make **recommendations** for health information

Drive **quality improvements** in Health information

Enhance foundations for **eHealth**

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Importance of health information on patient safety (investigation findings)

Lack of a **strategic approach** to information management, quality assurance and risk management that supports continual improvement and good governance

Lack of **performance monitoring** or effective clinical audit at service level. Lack of agreement on national quality and safety performance measures e.g. maternity outcomes/sepsis
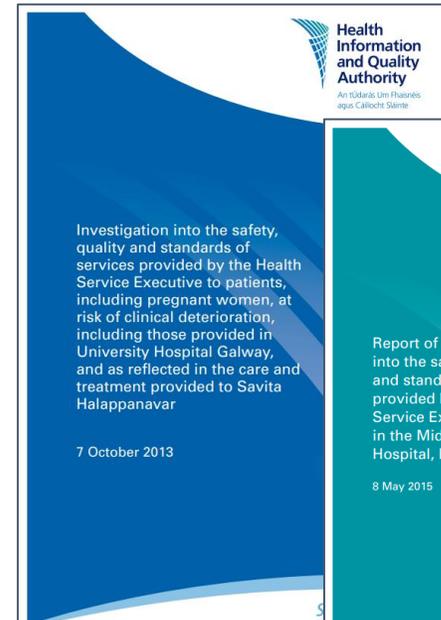
Poor information systems and processes to support the collection and analysis of required data to inform effective practice and clinical governance

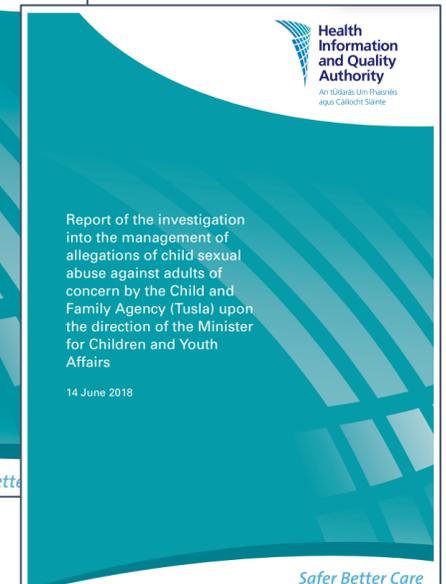Lack of **focus on information management** within governance structures

Lack of **formal data quality policies or procedures** to ensure timely, accurate and reliable data to inform decisions.

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Investigation into the safety, quality and standards of services provided by the Health Service Executive to patients, including pregnant women, at risk of clinical deterioration, including those provided in University Hospital Galway, and as reflected in the care and treatment provided to Savita Halappanavar

7 October 2013

UHG, 2013

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Report of the investigation into the safety, quality and standards of services provided by the Health Service Executive to patients in the Midland Regional Hospital, Portlaoise

8 May 2015

Portlaoise, 2015

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Report of the investigation into the management of allegations of child sexual abuse against adults of concern by the Child and Family Agency (Tusla) upon the direction of the Minister for Children and Youth Affairs

14 June 2018

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Tusla, 2018

Poor information management resulted in serious failures in the provision of quality and safe care

Setting standards

- **Standards** promote practice that is up to date, evidence based, effective and consistent:
  - Help the people who provide health and social care services to identify strengths and highlight areas that may need improvement
  - Show people what safe, high-quality care should look like and what to expect from a service
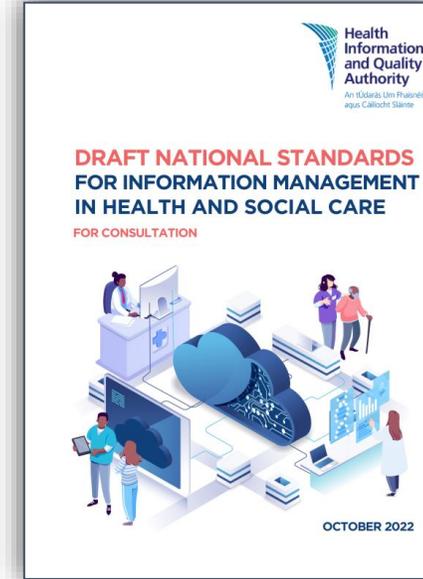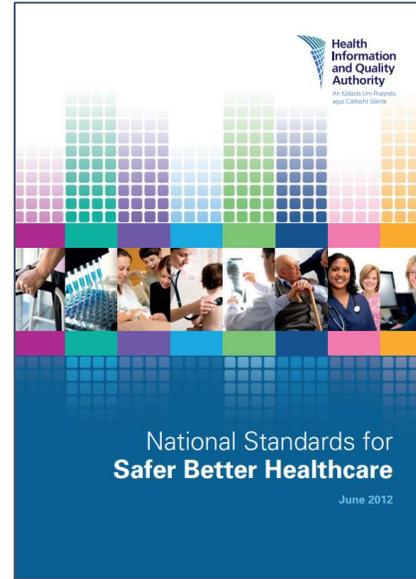
- ➤ HIQA develops three broad categories of standards:
1. Health and social care standards
2. Standards for eHealth and Interoperability
3. Health information management standards

6. eHealth and Interoperability

❖ Health Information Standards to support eHealth & interoperability:

  ❖ Content or Data standards for clinical content
  ❖ Terminology and Classification standards - SNOMED CT, LOINC, ICD
  ❖ Data exchange standards which enable the formatting of messages exchanged between systems – HL7
  ❖ Data Security Standards
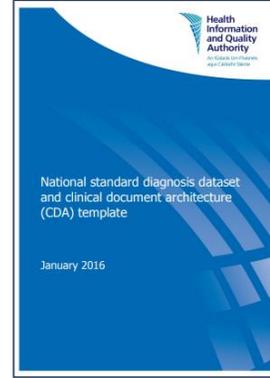
Standards development lifecycle
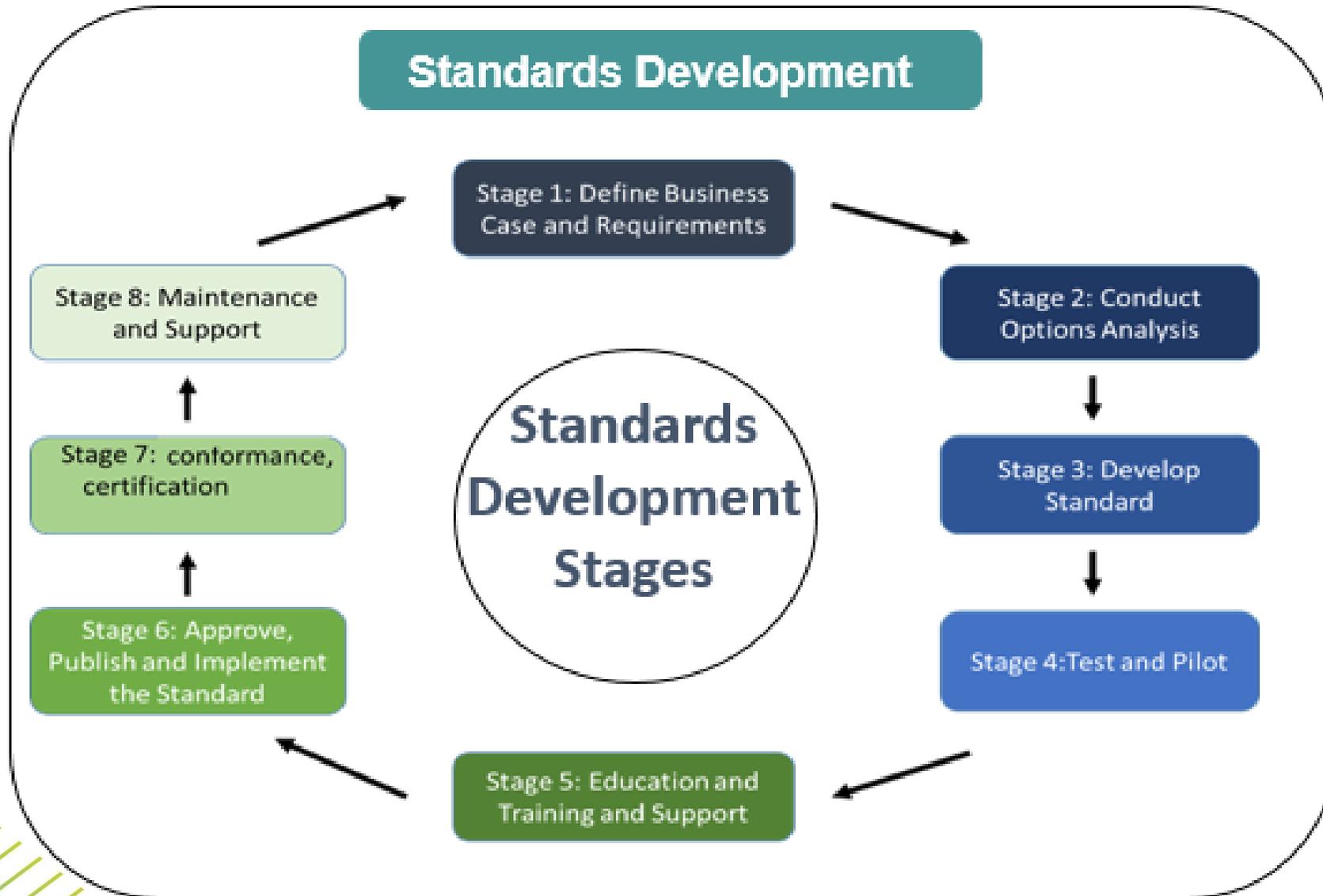
Standards

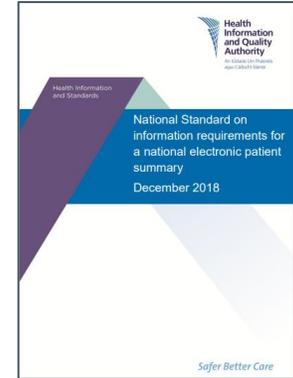National Standard for Patient Referral Information (2011)

National Standard for Patient Discharge Summary Information — 3 July 2013

Data model for an electronic medicinal product reference catalogue – a National Standard (2015)

National standard demographic dataset and guidance for use in health and social care settings in Ireland — January 2016
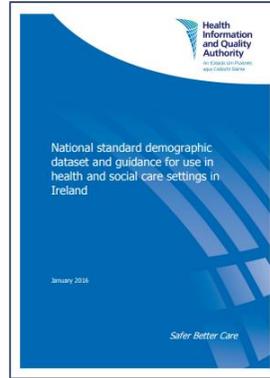
General Practice Messaging Standard (Version 4.0) (2016)

National standard diagnosis dataset and clinical document architecture (CDA) template — January 2016

National Standard for national community-based electronic prescribing (2018)

National Standard on information requirements for a national electronic patient summary — December 2018

2011 · 2013 · 2015 · 2016 · 2016 · 2016 · 2018 · 2018

Report and Recommendations on Patient Referrals from General Practice to Outpatient and Radiology Services, including the National Standard for Patient Referral Information — 23 March 2011

National Standard for a Clinical Summary (Patient Discharge) (2013)

Data model for an electronic medicinal product reference catalogue – a National Standard. — January 2015
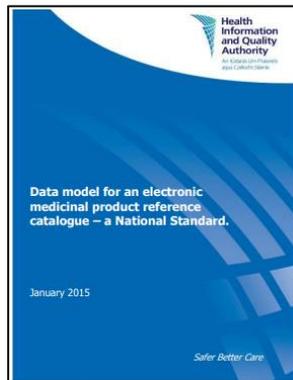
National demographic dataset Standard and guidance (2016)

General Practice Messaging Standard Version 4.0 — September 2017

National Standard for a Procedure Dataset, Adverse reaction, Diagnosis dataset including clinical document architecture (CDA) template (2016)

National Standard on information requirements for national community-based ePrescribing — December 2018
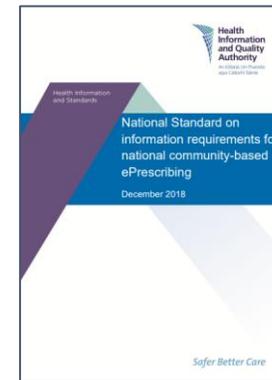
National Standard for a electronic patient summary (2018)

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5. Draft National Standards for Information Management in Health and Social Care
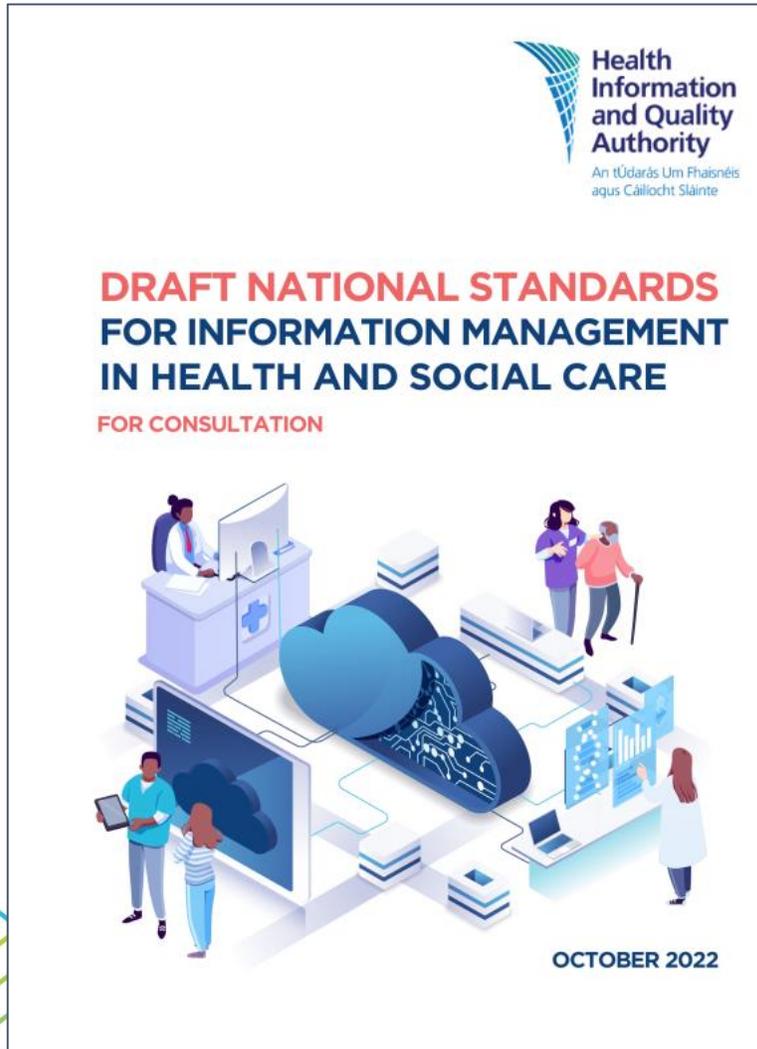
- Revision and expansion of the scope of the Information Management Standards for National Health and Social Care Data Collections, 2017.
- Widening scope of the standards beyond national data collections to include all services and organisations that collect, use or share health and social care information.
- The aim is to ensure good health and care by improving the quality of information.

5. Review Programme - compliance

1. Review programme to assess compliance with the information management standards
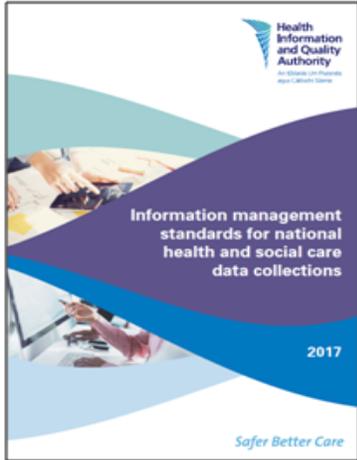
Phase 1
National data collections within the HSE.

Stages of the review
1. Eligible organisations complete and return a self-assessment tool. Based on prioritisation criteria, HIQA then conducts an in-depth review of each organisation.
2. Organisations are asked to submit a list of relevant documents for review.
3. The HIQA review team undertake on-site visits involving interviews with key members of staff and observations.
4. A report on compliance with the standards is published.
5. HIQA actively engages with staff in the national data collections to achieve compliance with the standards.

Information management standards for national health and social care data collections
2017
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Information Management Review Programme
1 Self-Assessment Tool
2 Information Request
3 On-site visit: interviews and observations
4 Report of findings
5 Support, guidance and education

Themes included in the Information Management Standards

Theme 1: Patient-centred	Theme 2: Governance, Leadership and Management	Theme 3: Use of Information	Theme 4: Information Governance	Theme 5: Workforce	Theme 6: Use of Resources

PHASE 1
Q1 2018 — BreastCheck
Q2 2018
Q3 2018 — HIPE
Q4 2018 — PCRS
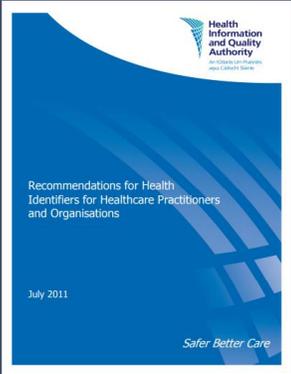Q2 2019 — CIDR
PHASE 2
Q1 2021 — NIMS
Q2 2023 — WLR

Timeline for publication of reviews

Recommendations

Recommendations for a Unique Health Identifier for Individuals in Ireland (2009)

Recommendations for Health Identifiers for Healthcare Practitioners and Organisations

Recommendations on SNOMED CT terminology (2014)

Recommendations for a more integrated approach to National Health and Social Care Data Collections in Ireland

Recommendations on the coordination of patient safety intelligence in Ireland (2016)

Recommendations for the national, community-based ePrescribing programme in Ireland

Recommendations on the Implementation of a National Electronic Patient Summary in Ireland (2021)

RECOMMENDATIONS ON ICT Enablement of Older Persons Services

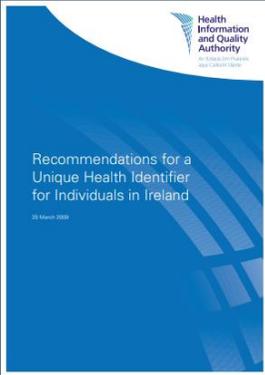| 2009 | 2011 | 2014 | 2014 | 2016 | 2018 | 2021 | 2022 |

Recommendations for a Unique Health Identifier for Individuals in Ireland

Recommendations for Unique Health Identifiers for Healthcare Practitioners and Organisations (2011)

Recommendations regarding the adoption of SNOMED Clinical Terms as the Clinical Terminology for Ireland

Recommendations on National Data Collections (2014)

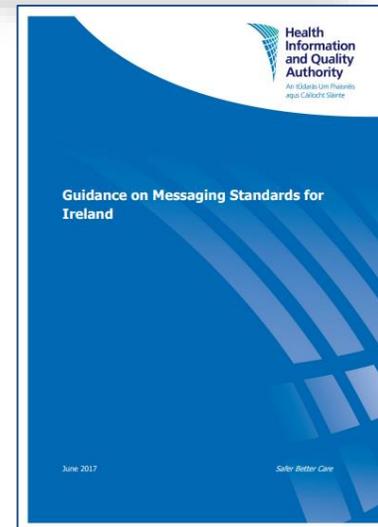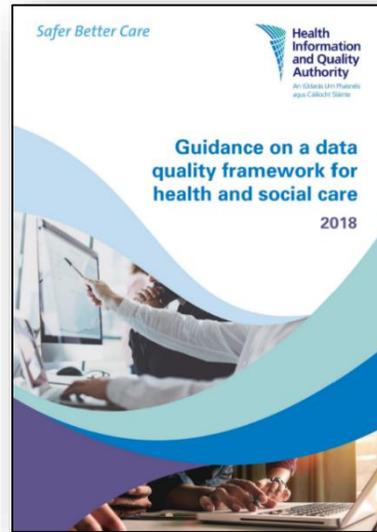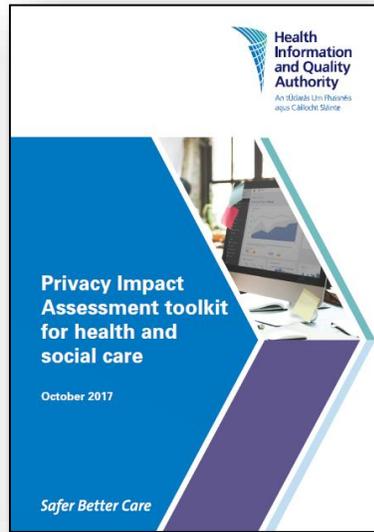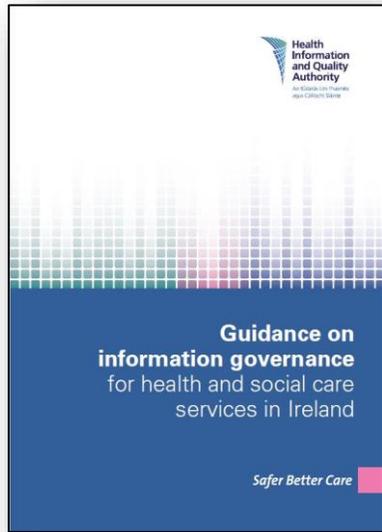Recommendations on the coordination of patient safety intelligence in Ireland

Recommendations on community-based ePrescribing (2018)

Recommendations on the Implementation of a National Electronic Patient Summary in Ireland
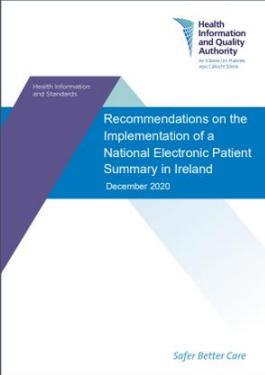
Recommendations on the ICT enablement of older persons services (2022)

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Guidance to improve information management, eHealth and interoperability

Reform of Health information landscape in Ireland

Infrastructure and Security — 06

Standards Interoperability — 05

Workforce — 04

HIS Strategy — 01

Strategic Leadership and Governance — 02

Legislation — 03

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