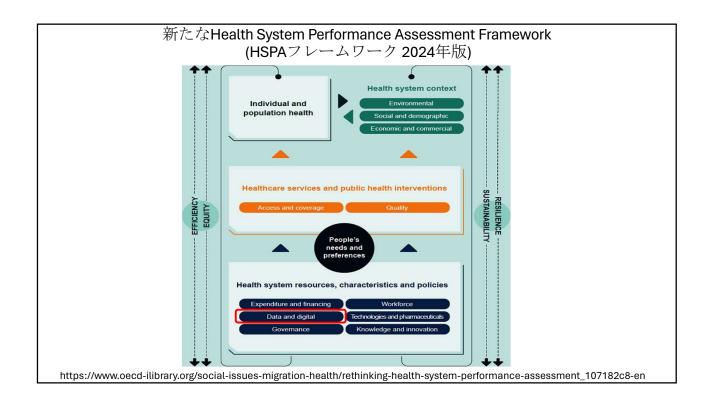
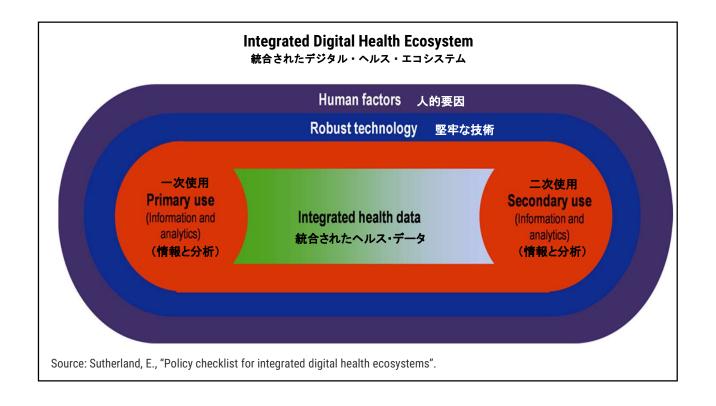
分担報告書 資料

種田憲一郎 国立保健医療科学院







Recommendation on health data governance	Dimensions of digitar readiness	
Engagement and participation of stakeholders in the development of a national health data governance framework	Human factors	
Co-ordination within government and co-operation among organisations processing personal health data to encourage common data-related policies and standards	Human factors	
Reviews of the capacity of public sector health data systems to serve and protect public interests	Human factors	
Clear provision of information to individuals about the processing of their personal health data including notification of any significant data breach or misuse	Technology	
The processing of personal health data by informed consent and appropriate alternatives	Data	
The implementation of review and approval procedures to process personal health data for research and other health-related public interest purposes	Data	
Transparency through public information about the purposes for processing of personal health data and approval criteria	Human factors	
Maximise the development and use of technology for data processing and data protection	Technology	
Mechanisms to monitor and evaluate the impact of the national health data governance framework, including health data availability, policies, and practices to manage privacy, protection of personal health data and digital security risks	Human factors	
Training and skills development of personal health data processors	Human factors	
Implementation of controls and safeguards within organisations processing personal health data including technological, physical, and organisational measures designed to protect privacy and security	Data Technology	
Requiring that organisations processing personal health data demonstrate that they meet the expectations set out in the national health data governance framework	Human factors	

Recommendation on digital security risk management	Description	Dimensions of digital readiness Technology	
Digital security culture: awareness, skills, and empowerment	All stakeholders should create a culture of digital security based on an understanding of digital security risk and how to manage it		
Responsibility and liability	All stakeholders should take responsibility for the management of digital security risk based on their roles, the context, and their ability to act	Technology	
Human rights and fundamental values	All stakeholders should manage digital security risk in a transparent manner and consistently with human rights and fundamental values	Technology	
Co-operation	All stakeholders should co-operate, including across borders	Technology	
Strategy and governance	Leaders and decision makers should ensure that digital security risk is integrated in their overall risk management strategy and managed as a strategic risk requiring operational measures	Technology	
Risk assessment and treatment	Leaders and decision makers should ensure that digital security risk is treated based on continuous risk assessment	Technology	
Security measures	Leaders and decision makers should ensure that security measures are appropriate to and commensurate with the risk	Technology	
Resilience, preparedness and continuity	Leaders and decision makers should ensure that a preparedness and continuity plan based on digital security risk assessment is adopted, implemented, and tested, to ensure resilience	Technology	
Innovation	Leaders and decision makers should ensure that innovation is considered	Technology	

デジタルIDのガバナンス

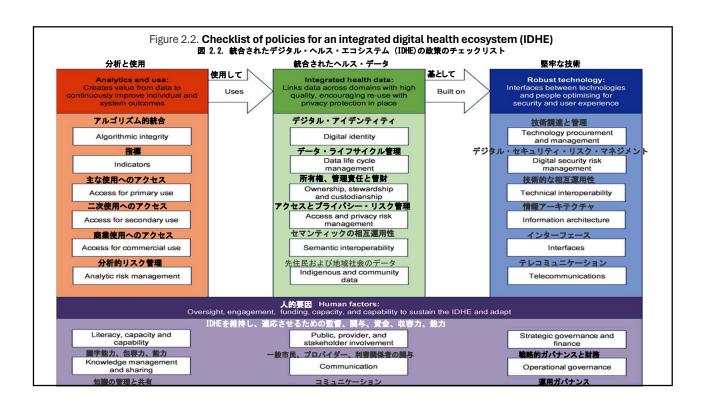
Recommendation on digital identity	Description	Dimensions of digital readiness	
User-centred and inclusive digital identity systems	Designing and implementing digital identity systems that are effective, usable, and responsive to the needs of users and service providers, while prioritising inclusion, reducing barriers to access, and preserving non-digital ways to prove identity	Data	
Strengthening the governance of digital identity	Defining roles and responsibilities and align legal and regulatory frameworks across the digital identity ecosystem(s). Protecting privacy and prioritising security to ensure trust in digital identity systems	Data	
Cross-border use of digital identity	Co-operating internationally to establish the basis for trust in other jurisdictions' digital identity systems and issued identities. Understanding needs of users and service providers in different cross-border scenarios	Data	

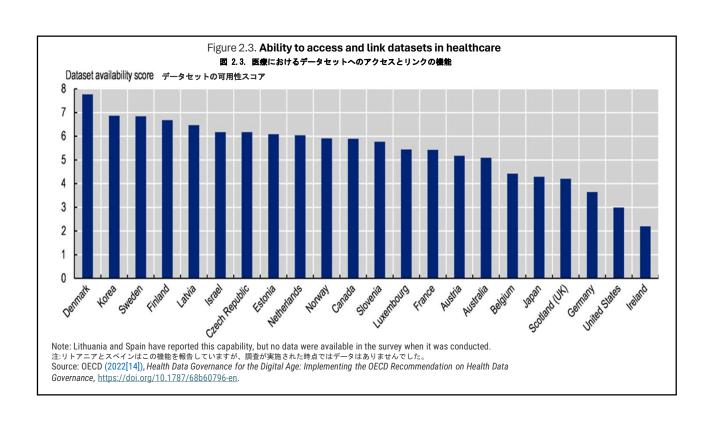
Source: OECD (2023_[12]), Recommendation of the Council on the Governance of Digital Identity, https://legalinstruments.oecd.org/en/instruments/OECD-LEGAL-0491.

準備性(readiness)各指標の先進国

Dimension of digital health readiness	Indicator or proxy presented in this chapter	Leading countries		
Analytic readiness	Dataset availability, maturity, and use score (OECD)	Denmark, Korea, Sweden, Finland, Latvia		
	Patient access to their own health data (OECD)	Denmark, Italy, Lithuania, Luxembourg, Sweden, Türkiye		
	Global Al Index (third party)	United States, the United Kingdom, Canada, Korea, Israel		
Data readiness	Dataset governance score (OECD)	Denmark, Finland, France, United States, United Kingdom		
	Digital Government Index (OECD)	Norway, United Kingdom, Colombia, Denmark, Japan		
	Interoperability standard adoption (OECD)	Australia, Belgium, Finland, Korea, Netherlands, Norway, Sweden		
Technology readiness	Internet connectivity for individuals (OECD)	Japan, Estonia, Finland, Denmark, Netherlands		
	Digital security (OECD)	Australia, Canada, Czech Republic, France, Germany, Ireland Israel, Korea, Netherlands, Norway, United Kingdom, United States		
	Certification of vendors (OECD)	Belgium, Denmark, Finland, Hungary, <mark>Japan,</mark> Korea, Portuga Slovenia, Switzerland, Türkiye, United States		
Human factor readiness	Strategic governance	35 countries have a digital health-related strategy		
	Literacy, capacity, and capability	Netherlands, Finland, Ireland, Denmark, Sweden		
	Public, provider, and stakeholder involvement	Estonia, Korea, Latvia, France, Lithuania		

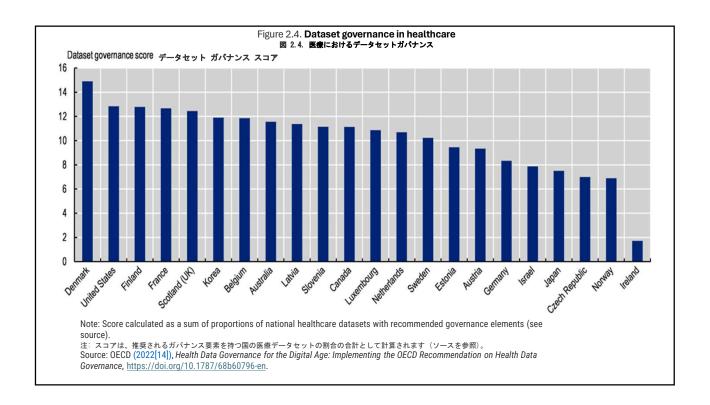
Note: Items in **bold** are non-health specific. Leading countries identified in the respective analyses presented earlier in the chapter, listed by ranking or alphabetical when in a top category.

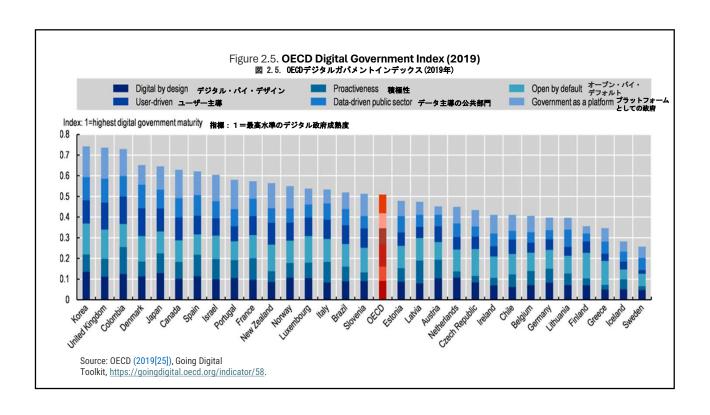




Access via portal	、安全なインターネットポータルを通じ Access via portal	Access via portal		
Access to ALL records	Access to SOME records	Access to ALL records	NO access via portal	
Interaction with portal	Interaction with portal	NO interaction with portal		
すべてのレコードへのアクセス ポータルとの相互作用	いくつかのレコードへのアクセス ポータルとの相互作用	すべてのレコードへのアクセス ポータルとの相互作用はありません	ポータル経由のアクセス不可	
11				
Australia				
Denmark	9			
Germany	Belgium			
Italy	Canada			
Lithuania	Lithuania Costa Rica			
Luxembourg	Czech Republic			
Netherlands	Finland			
Slovenia	Iceland	3	3	
Sweden	Israel	Estonia	Korea	
Switzerland	Portugal	Hungary	Mexico	
Türkiye	United States	Japan	Norway	

portals. Spain also has this capability, but no data was available in this survey. 注:太字の国は、患者の100%がカバーされていると報告しています。オランダなどの一部の0ECD諸国では、複数のEHRポータルを使用しています。スペインにもこの機能がありますが、この調査ではデータが得られませんでした。





EHRの相互運用性 EHR interoperability Adopting HL7-FHIR Adopting SMART on FHIR L7-FHIR, SMART on FHIRの採用	EHRの相互運用性 EHR interoperability Adopting HL7-FHIR No SMART on FHIR HL7-FHIR採用, FHIR に SMART がない	EHRの相互運用性 EHR interoperability Not adopting HL7-FHIR No SMART on FHIR HL7-FHIR を援用していない FHIR に SMART がない	相互運用性のためのプロジェクトは ありません No projects for interoperability Not adopting HL7-FHIR No SMART on FHIR HL7-FHIR を採用していない FHIR に SMART がない	
10				
Australia				
Belgium				
Czech Republic				
Estonia	6			
Finland Canada		5		
Korea	Denmark	Hungary		
Lithuania	Iceland	Japan	3	
Netherlands	Israel	Slovenia	Costa Rica	
Norway	Luxembourg	Switzerland ¹	Portugal ¹	
Sweden	Italy	United States	Türkiye ²	
,			•	

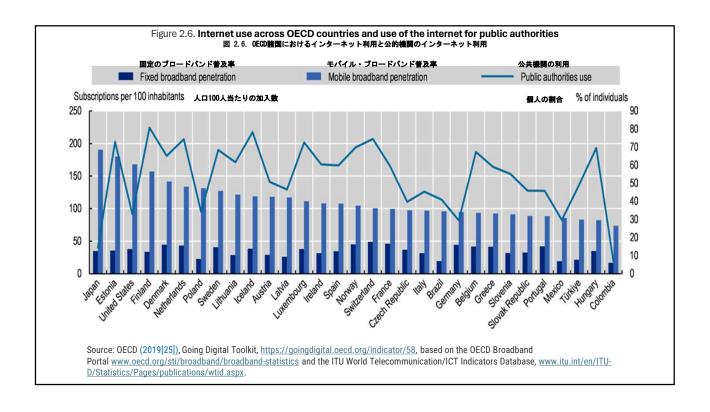


	表 2.6. EHRシステムソフト	・フェアのペンターの配証安計		
Messaging standards Clinical terminology National EHR requirements メッセージング標準、臨床用語、 国内EHR要件	Messaging standards Clinical terminology No EHR requirements メッセージング標準、 臨床用語、EHR要件なし	Messaging standards No clinical terminology No EHR requirements メッセージング標準、 臨床用語なし、EHR要件なし	No standards identified 規格は特定されていません	
11				
Belgium				
Denmark			9	
Finland			Costa Rica	
Hungary			Czech Republic	
Japan			Estonia	
Korea			Iceland	
Portugal			Israel	
Slovenia		3	Italy	
Switzerland		Australia	Lithuania	
Türkiye	1	Canada	Luxembourg	
United States	Netherlands	Sweden	Norway	

software, but not necessarily setting standards for clinical terminology and electronic messaging.

	Digital health-related strategy デジタルヘルス関連戦略			Digital health-related strategy デジタルヘルス関連戦略 デジタル		No digital health-related strategy found デジタルヘルス関連の戦略は
	35		見つからなかった			
Australia	Finland					
Austria	Greece	New Zealand				
Belgium	Hungary	Norway				
Canada	Canada Iceland Poland					
Chile	Ireland	Portugal				
Colombia	Israel	Slovak Republic				
Costa Rica	Italy	Slovenia				
Czech Republic	Japan	Spain				
Denmark	Korea	Sweden	3			
Estonia	Lithuania	Switzerland	Latvia			
France	Luxembourg	United Kingdom	Mexico			
Germany	Netherlands	United States	Türkiye			

Table 2.8. Summary of country digital health strategy goals 表 2.8. 各国のデジタルヘルス戦略目標の概要							
Ensuring coherence between regions and operators 地域とオペレーター 間の一貫性の確保	Supporting learning health systems 学習医療システムの 支援	Improving resilience and sustainability レジリエンスと持続 可能性の向上	Moving toward s People-centric system 人間中心のシステムへ の移行	Improving security and data protection セキュリティと データ保護の向上	Improving productivity of health workforces 医療從事者の 生産性向上	Investing in innovation イノベーションへの投資	Focusing on health prevention 健康予防に力を入れる
24	24						
Austria	Australia						
Canada	Belgium						
Chile	Colombia						
Colombia	Costa Rica						
Costa Rica	Denmark						
Denmark	Estonia						
Finland	Finland						
Germany	France						
Greece	Germany						
Hungary	Greece	14	14				
Iceland	Hungary	Austria	Denmark	13			
Ireland	Iceland	Colombia	Germany	Belgium	12		
Japan	Ireland	Germany	Greece	Czech Republic	Australia		
Korea	Israel	Iceland	Hungary	Finland	Austria		

