SNOMED International
Delivering SNOMED CT
2020-2025 Strategy & Progress Update
Joanne Burns - Chair, Management Board
Don Sweete - Chief Executive Officer
snomedexpo.org
@snomedct
linkedin.com/company/ihtsdo/

# Our Achievements 2020

Throughout the course of 2020, the organization has successfully delivered against a new strategy, executing set priorities and focusing in on new opportunities.

## Organization & Product

1. New Members
2. Genomics, vaccines, traditional medicine, COVID-19 Content & Coding Guide
3. Global Patient Set
4. ICN and AMA Collaborations
5. Value of SNOMED CT
6. Education Delivery Growth

## Governance & Advisory

1. Measuring the success of the organization
2. General Assembly & Member Forum engagement
3. Management Board composition & recruitment

## Strategy

1. Actioning 2020 strategic deliverables
2. Measuring success: Framing key performance indicators
3. Looking to 2021

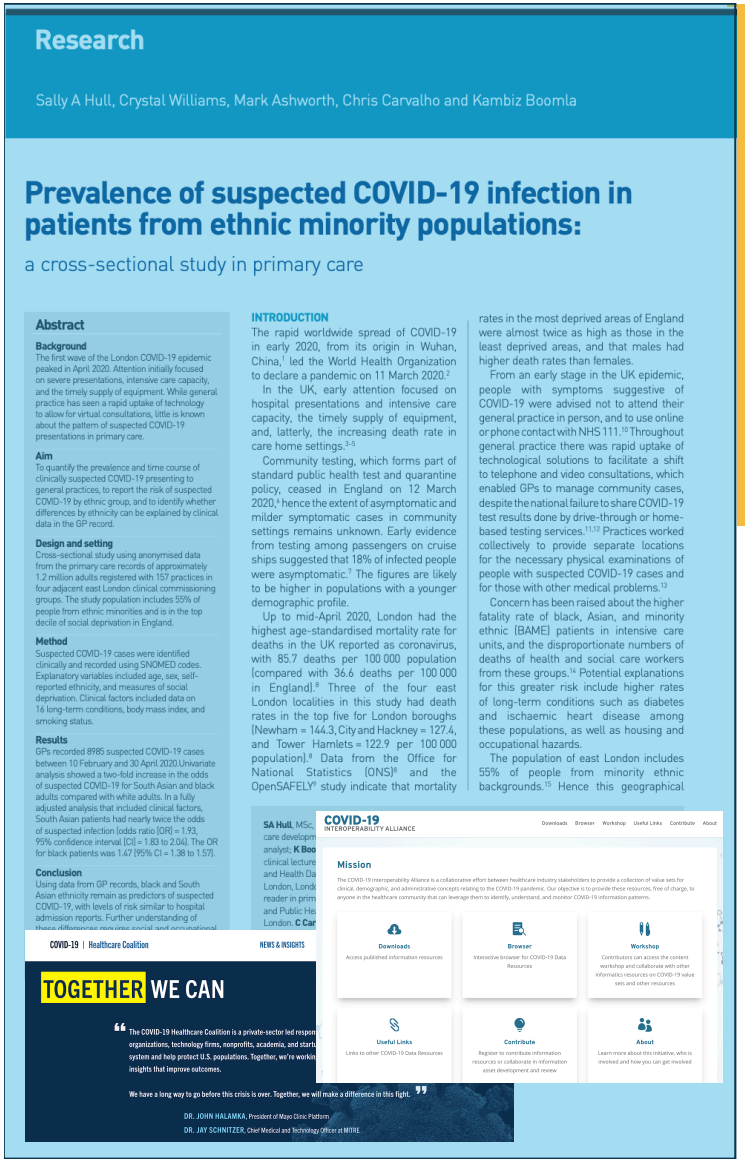
New Member Republic of Korea

Represented by the Ministry of Health and Welfare, SNOMED International welcomes the Republic of Korea as the newest Member to the organization.

To learn more visit:
snomed.org/

**39 Members**

| 5 | 24 | 10 |
|---|---|---|
| Americas | Europe, Middle East and Africa | Asia Pacific |




# COVID-19 report

## SNOMED CT

Content included in the Jan 31 SNOMED CT International Edition.

Interim version of the SNOMED CT Intl Edition released March 9.

Content included in the GPS and an updated SNOMED CT to ICD-10 map.

## ALLIANCES

SNOMED CT representation within the COVID-19 Interoperability Alliance and the COVID-19 Healthcare Coalition to offer clinical, demographic, and administrative resources.

## MEMBER ENGAGEMENT

Release of the ***COVID-19 data coding guide using SNOMED CT.***

The Organization also extended flexibility in paying Member fees as well as waiving interest.

## IN ACTION

***"Prevalence of suspected COVID-19 infection in patients from ethnic minority populations"***

Suspected COVID-19 cases identified using SNOMED CT codes.

Outcomes showed a two-fold increase in the odds of suspected COVID-19 for South Asian and black adults compared with white adults.

# Germany
## A research footprint

Established March 2020

- The Federal Ministry of Research has extended Medical Informatics Initiative participants nationwide a license to use SNOMED CT.
- With SNOMED CT, clinical data from different countries will be compared and used for research purposes. This creates prerequisites for treating diseases more effectively in the future and recognizing them faster, supporting prevention.

→ Building a foundation for wider use of SNOMED CT within Germany

# Education

## A Growing Network of Delivery Partners

3 education delivery partners

Laying the groundwork for SNOMED CT education in non-English markets, the organization continues to broaden its education delivery network to expand knowledge and use of SNOMED CT.

- **AMERICAS:** Hospital Italiano
- **EMEA:** University of Eastern Finland
- **ASIA PAC:** Digital China Health

HOSPITAL ITALIANO de Buenos Aires

UNIVERSITY OF EASTERN FINLAND

神州数码 Digital China

SNOMED CT EXPO 2020
Virtual Conference October 8-9

# Strategy 2020-2025

SNOMED International

# STRATEGIC PROGRESS at a Glance

1. 5 Year Strategy
2. Strategic Directions & Progress
3. Tracking Completion & Measuring Success
4. 2020 Ongoing Operations
5. Next Steps

# A 5 Year Strategy
# The Direction

Throughout 2020 and amid activities supporting COVID-19, SNOMED International has been actively delivering against the 2020-2025 organization strategy, laying the foundation for imperative product enhancements and innovations.

*3 Strategic Directions*
*6 Priorities*
*Measurable Value*

# 2020 Strategy Roadmap

# 2020 Strategy Roadmap

## Products & Services

*SCT as a Service:*
Plan

*Core, Intl & Community content*
PH1 Service scope, policies and process development

*Content Roadmap*
QI, Social Care & SDoH Plan, Vaccines & Device planning

*Terminology Integrator (TI)*
Gather requirements

*Value Proposition*
Delivery report & messages

## Adoption & Consumption

*Adoption & Consumption*
Channel strategies

Define digital maturity model

Augment value prop and comms plan w/ channel strategies

Identify education partners

Gather onboard vendor reqt's

Evolve and deploy Member onboarding artefacts

Author analytics papers, Participate in research
Join relevant orgs
Pitch vendors

*Implementation Support*

**Education**
Identify delivery partners

**Global Patient Set**
Develop and refine artefacts to evolve GPS

**Refset/Subset Management**
Stakeholder reqts analysis
Define profess and comms for central management

**Translation & Member Collaboration**
Feasibility for medical translation tool via partnerships
Refresh translation white paper
Process for joint translations

**Royalty Based Partnerships**

## Innovation

*Artificial Intelligence*
ID and engage pilots and partners

*Skills Development*
Skills assessment reqts
Define resource plan

*Emerging Technology for Stakeholder Needs*
Environmental scan
Feasibility Study
Stakeholder Engagement

*R&D Activities*
Back mapping feasibility
Proof of concept



Deliverable carries over to subsequent strategy year

# Products & Services

***Products & Services activities*** *have focused on furthering completion of the Quality Initiative and content development roadmap in the areas of social determinants of health and devices. The ICD-11 project continues to progress with content, mapping and communications activities.*

# 2020 Strategy Roadmap

## Products & Services

| | |
|---|---|
| ***SCT as a Service:*** Plan | Initial scoping and design sessions across all items initiated in Q1<br>Definition, guidelines/policies, and quality levels to commence post July 2020 release |
| ***Core, Intl & Community content*** PH1 Service scope, policies and process development | Core, International & Community Content activities have initiated with the drafting of a discussion paper outlining potential definitions and criterion for the proposed core, international and community content areas for review and feedback from governance bodies. |
| ***Content Roadmap*** QI, Social Care & SDoH Plan, Vaccines & Device planning | QI Iteration 1 and 2 underway, along with Genomic content<br>Social determinants of health analysis and devices content scope underway |
| ***Terminology Integrator (TI)*** Gather requirements | Project Charter developed & inventory complete for terminology integrator framework.<br>ICD-11 Project charter created, scope identified. Map generation vendor identified, contracted and delivery expected Q3 |
| ***Value Proposition*** Delivery report & messages | Value Proposition and case for Investment charter finalized. Value proposition deliverable received by the organization. Phase 2, case for investment, initiated.<br>SNOMED CT Value Series Chapter 1 finalized. |



Deliverable carries over to subsequent strategy year

SNOMED International

# Adoption

***Adoption activities*** *have focused on progressing education and onboarding deliverables in addition to developing vendor relationships supporting SNOMED International analytics priorities.*

# 2020 Strategy Roadmap

## Adoption & Consumption

*Adoption & Consumption*
Channel strategies

Define digital maturity model

Augment value prop and comms plan w/ channel strategies

Identify education partners

Gather onboard vendor reqt's

Evolve and deploy Member onboarding artefacts

Author analytics papers, Participate in research
Join relevant orgs, Pitch vendors

Channel strategies linked to value proposition deliverable commencing in Q2

Initiated and in progress

First vendor-issued blog by Nuance featuring SNOMED CT as foundation element for AI
Discussions underway to formalize participation in translational research project
Steps initiated to align SNOMED International with Align CRO



Deliverable carries over to subsequent strategy year

# 2020 Strategy Roadmap

## Adoption & Consumption

*Implementation Support*

**Education**
Identify delivery partners

Priority languages identified necessary for identifying potential education delivery partners

**Global Patient Set**
Develop and refine artefacts to evolve GPS

The GPS updated for COVID-19 and ongoing marketing of GPS via industry publications (2)

**Refset/Subset Management**
Stakeholder reqts analysis
Define profess and comms for central management

**Translation & Member Collaboration**
Feasibility for medical translation tool via partnerships
Refresh translation white paper
Process for joint translations

Portuguese translation of SNOMED CT Foundation Course received

**Royalty Based Partnerships**



Deliverable carries over to subsequent strategy year

SNOMED International

# Innovation

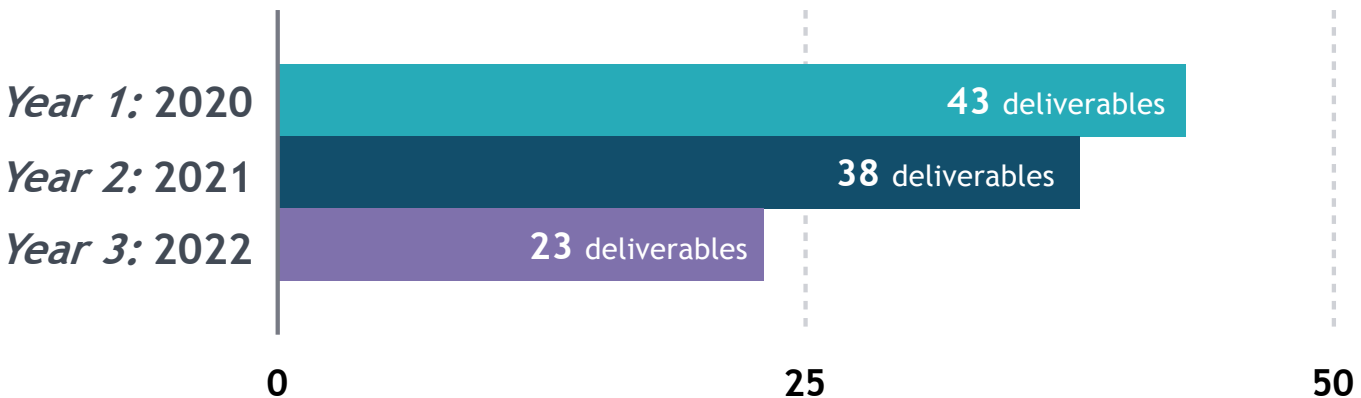
***Innovation activities*** *have focused on establishing relationships with prospective partners to further our strategic progress.*

# 2020 Strategy Roadmap

## Innovation

| | |
|---|---|
| ***Artificial Intelligence***<br>ID and engage pilots and partners | Identification of pilots & partners and engagement with partners initiated |
| ***Skills Development***<br>Skills assessment reqts<br>Define resource plan | Development of approach to support environmental scan initiated |
| ***Emerging Technology for Stakeholder Needs***<br>Environmental scan<br>Feasibility Study<br>Stakeholder Engagement | Started design & development of the second iteration of the analytics tool targeting user scalability.<br><br>Successful application for collaborative work with the University of Manchester to develop software to build sub-ontologies. Project commencing in July 2020.<br><br>Ongoing discussion with Discovery East London to collaborate on the use of post-coordinated expressions to represent existing SNOMED CT coded data for analytics. |
| ***R&D Activities***<br>Back mapping feasibility<br>Proof of concept | Ongoing investigation of techniques to use to create a map from SNOMED CT to ICD-11 and the map creation itself. |

# Tracking Completion
## A 3 Year Look




**43** deliverables

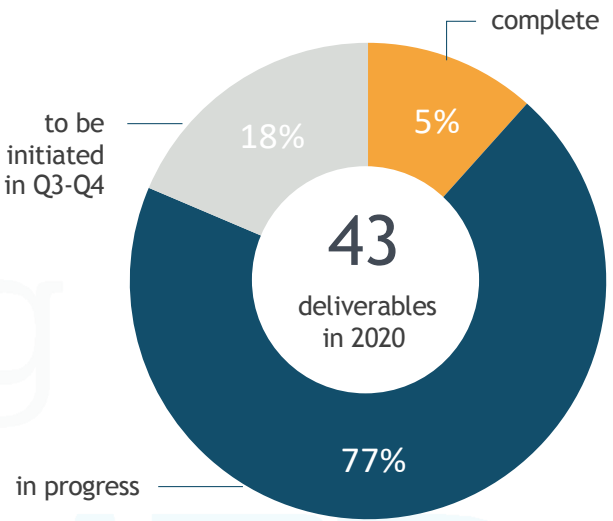
At the completion of 2020, the organization will have delivered 26% of the total items comprising the 2020-2025 Strategy.

# Tracking Completion
## 2020 Progress

*As at September 2020…*

**5%** of 2020 deliverables have been completed

**77%** of 2020 deliverables are in progress




## Achievement against Target

The organization is on target to achieve *~90%* of its forecasted 2020 target.

Development genomics content has been *fast tracked* for delivery ahead of the 2021 & 2022 forecast.

*COVID-19* has impacted delivery of conference and speaking engagement deliverables.

Thank You.
SNOMED CT
The global language of healthcare
snomedexpo.org
@snomedct
linkedin.com/company/ihtsdo/