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2019 Budget

<table>
<thead>
<tr>
<th>Revenue</th>
<th>Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>95% U.S. FEDERAL</td>
<td>5% PRIVATE</td>
</tr>
<tr>
<td>12% SERVICES</td>
<td>19% OPERATIONS</td>
</tr>
<tr>
<td>10% SOFTWARE/IT</td>
<td>59% PERSONNEL</td>
</tr>
</tbody>
</table>

Regenstrief Institute

Regenstrief Institute, Inc. is non-profit 501(c)3 research organization driven by a mission to connect and innovate for better health. Regenstrief serves as the overall steward and standards development organization (SDO) for LOINC.

The LOINC team within Regenstrief maintains the LOINC database and supporting documentation, processes submissions and edits to the content, develops and curates accessory content (descriptions, hierarchies, other attributes, etc.), develops the RELMA mapping program, and coordinates LOINC releases. The team also cultivates the LOINC community and the standard’s adoption worldwide. regenstrief.org
Celebrating 25 Years of Health Data Interoperability

**LOINC DAY**

On February 16, 1994, Clem McDonald, Stan Huff, and other founding members of the LOINC Committee first met and began creating a public use code system for exchanging laboratory and clinical observations between computer systems.

We have established each February 16 as LOINC Day, an occasion to mark this origin and celebrate the many contributions of the evergrowing LOINC community.

**25 YEARS**

In 25 years, LOINC has become an integral standard for health data around the world. The accomplishments documented in this report were only possible because of the work that was done in the preceding 24 years. As stewards of the standard, we recognize the importance of our history as we look forward to LOINC’s future development.

We created a special destination to celebrate this milestone.

loinc.org/25
In its 25 years of existence, many individuals have played a role in building what LOINC has become. The names of staff members have changed over the years but one tenet remains the same: the LOINC team at Regenstrief is a small yet passionate group who deliver great things. These individuals, comprising a wide variety of talents and expertise, unify behind a common vision of health data interoperability.

This team produces great things in spite of its size. Many of these achievements are highlighted in this report. All is accomplished in response to and with the support of a vast community of adopters who share this same vision.

The first and foremost duty of the content team is to respond to new LOINC term requests. In 2019, content developers evaluated thousands of term requests, producing 3,089 new terms. The median turnaround for a newly created term—a number updated daily on the LOINC website—is presently 115 days. This is quite a feat given the rigorous research and QA process each request receives.

Software developers and administrative staff provide the necessary technology and tooling for content development and LOINC releases in addition to keeping all processes humming.

On top of this core work, LOINC coordinates with other standards development organizations, holds biannual LOINC Conferences, writes documentation, answers user questions, and promotes LOINC adoption throughout the world.

This work is supported by an extended network of committee members, volunteers, subject matter experts, and funders. We acknowledge and share our gratitude for these individuals and organizations.

Working together, the LOINC Team and its supporters deliver on its goals and, in return, make a difference in individual health around the world.

BUILD LOINC WITH US

You can enable this important work by joining with us. There are a number of ways you can get involved: request new terms, follow us on Twitter, attend (or apply to host) a LOINC Conference, join the LOINC Committee, participate in our user forum, translate LOINC... the list goes on.

Of course, funding is always a key. Contact us to learn how you can help fulfill our vision for optimal health through data interoperability.
The LOINC Manifesto

VISION

We imagine a world where people experience optimal health catalyzed by a seamless network of health information systems.

MISSION

Our mission is to develop and advance adoption of open data standards that enable efficient transmission, understanding, and use of health data. We want to see open terminology standards integrated into every clinical information system that shares or aggregates data. Yes, it sounds audacious, but standards demonstrate the network effect and become more valuable as more people and systems use them. We are committed to a health ecosystem where data is available with open standards that unlock the potential for information systems and applications to improve health decision-making and care.

OUR APPROACH

How do we approach this fundamental challenge? We learn. As individuals and as a collective community, we apply a learning mindset to every aspect of our work.

What do we learn? We learn to create, curate, and deliver data standards that make health data more portable and understandable to different computer systems. We learn to cultivate a vibrant community of practice that embodies our guiding principles and advances towards our vision.

How does this actually play out in our work? Learning is the standard we expect of ourselves. We learn to be better each day. We look at each requested term, proposed edit, project, code routine, and task as an opportunity to learn more. By doing so, we grow as individuals and as a community. And we move closer to our goal.

GUIDING PRINCIPLES

The following principles are the shared beliefs that guide our behavior as we develop and advance open data standards. The principles support our communities cohesion and provide a framework for our collective progress. They serve as a beacon for others who share these ideals. We remain committed to continual improvement based upon these principles.

OPENNESS

RESPECT

ACCESSIBILITY

GROWTH

DILIGENCE

PRAGMATICS

AGILITY

We encourage others developing standard health terminologies to adopt this manifesto for their projects. Officially adopting the Manifesto for Open Terminology Development is one way to express and codify these values, and signals your intention to make your health terminology content and community open and welcoming.

loinc.org/manifesto
Users of LOINC

LOINC use has grown substantially in its 25 years. The year 2019 ended with 88,647 users representing 176 countries—a 22% rise in the number of registered LOINC.org accounts over the previous year.

loinc.org/atlas

LOINC Translations

Through a completely volunteer effort, LOINC terms have been translated from English to 20 dialects comprising 12 languages. These translations have helped enable the vast international adoption.

loinc.org/international
The LOINC database is the collection of codes representing health measurements, observations, and documents across numerous domains. It may be downloaded for free from the LOINC website. A number of technical artifacts are also available.

**loinc.org/downloads**

**NEW CONTENT**

A total of 3,089 new terms were added to the LOINC database in 2019, an increase of 13% over the previous year.

Highlights include:

- Display Names promoted to production status
- Links to frequently accessed Lab Tests Online pages in reference information of details pages (e.g. 1971-1)
- Enhanced Part-term linkages
- Addition of LOINC Parts as category type links using the relationships in the Multiaxial Hierarchy as well as semi-automated queries
- Expanded Part linkages to external ontologies: ChEBI, NCBI’s ClinVar, Gene, and Taxonomy
- New ChangeType of Panel
- Update of IEEE mapping file to FHIR ConceptMap format
- PRAPARE panel 93025-5
- Minimum Data Set (MDS) for Public Health Emergency Operations Centers (EOC) [CDC Emergency Operations Centers] 89724-9
- Columbia-Suicide Severity Rating Scales (C-SSRS) and screener 93245-2, 93373-9, 93485-1

A more detailed report of content changes in each of 2019’s releases (2.66 and 2.67) is available on the LOINC website.

**NEW ARTIFACTS**

**LOINC Change Snapshot File (Alpha)**

Introduced in June 2019, this new artifact provides a structured record of the key changes to LOINC content since the previous release.

**LOINC Consumer Name File (Alpha)**

Also new in 2019, this file contains names for LOINC terms designed for display in consumer-facing applications.

**LOINC Document Ontology OWL File (Alpha)**

This computer-readable version of the LOINC Document Ontology represents rich knowledge about resources (such as LOINC parts and LOINC terms) and the relationships between them. This data can be queried for building visual representations and making inferences.

Since its beginning, LOINC has been free to use. See the LOINC license for details.

loinc.org/license
LOINC and SARS-CoV-2 (Coronavirus)

PROACTIVE RESPONSE

Requests from the community drive most new LOINC content, but LOINC is always poised to respond to emergent situations. News about the virus strain now known as SARS-CoV-2 created an urgent need for rapid development and release of new LOINC codes.

LOINC’s Content Development Team reached out to the U.S. Centers for Disease Control (CDC) in January 2020 to offer its assistance creating new codes. The team worked in conjunction with the CDC on identifying the necessary parameters. Following a rapid but thoughtful terminology and QA process, the new SARS-CoV-2 codes were published to the LOINC web page for pre-release terms.

These codes were given a Special Use status to denote their development in response to an emergent health situation. Although they still have a prerelease status, LOINC supports the use of these Special Use terms.

The new Special Use codes created for the SARS-CoV-2 virus will be part of the LOINC 2.68 release in June 2020.

COORDINATION WITH SNOMED INTERNATIONAL

As both LOINC and SNOMED CT have a high rate of global adoption, it was imperative for the two standards to work quickly in response to the public health emergency. Regenstrief Institute and SNOMED International released a joint statement in February 2020 to document their efforts.

The immediate release of this new standard terminology content helps support care teams globally to code and track the SARS-CoV-2 virus and COVID-19 disease.

INFRASTRUCTURE ENHANCEMENTS

LOINC immediately recognized that there was a need to extend our normal communication patterns so audiences could get the information they needed during the COVID-19 pandemic.

In addition to the Special Use terms listed on the Prerelease web page, a new informational resource was created to help eliminate confusion and direct users to appropriate LOINC terms. We received special permission from manufacturers to publish their test kits along with the corresponding LOINC to make mapping simple.

Furthermore, a new Special Use email list was developed to alert subscribers of additions and revisions to this LOINC term set. Term descriptions, Answer Lists, example UCUM units, and other data have been added the prerelease details pages for these Special Use codes.

UNIQUE LOINC WEBINAR

LOINC hosted a special webinar on March 26, 2020 to distribute information and answer questions related to using LOINC with SARS-CoV-2/COVID-19 lab tests. The three-hour webinar, available in its entirety on the LOINC website, included guests from the Association of Public Health Laboratories (APHL), The Office of the National Coordinator for Health Information Technology (ONC), SNOMED International, and Intermountain Healthcare.
LOINC Term Requests

We welcome requests for new terms. Submissions from the LOINC community help ensure that LOINC can grow and adapt quickly.

Each request receives a thorough inspection prior to developing the appropriate LOINC term.

SUBMITTING ORGANIZATIONS

Requests were received from 71 organizations in 2019—an increase of five over the previous year—representing 12 countries.

NEW WEB-BASED TERM REQUEST FORM

Requests for new LOINC terms have been submitted traditionally via RELMA or via emailed spreadsheet template. A new online form was added in 2019 to provide another easy method for making term requests.

This form on LOINC.org walks the user through the submission process, allowing them to specify the parts of each new term. Users can also upload a spreadsheet of their data.

loinc.org/submissions

TOTAL SETS OF REQUESTS RECEIVED BY YEAR, 2013–2019

<table>
<thead>
<tr>
<th>Year</th>
<th>Sets of Requests</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>195</td>
</tr>
<tr>
<td>2014</td>
<td>207</td>
</tr>
<tr>
<td>2015</td>
<td>220</td>
</tr>
<tr>
<td>2016</td>
<td>239</td>
</tr>
<tr>
<td>2017</td>
<td>265</td>
</tr>
<tr>
<td>2018</td>
<td>279</td>
</tr>
<tr>
<td>2019</td>
<td>366</td>
</tr>
</tbody>
</table>

Total sets of requests received in 2019: 366, an increase of 31%.

Individual terms requested in 2019: 4,032, an increase of 6%.
LOINC Interim Co-Director Terry Cullen, MD, led a LOINC strategic planning effort in late 2019 and early 2020.

The work followed a Human-Centered Design (HCD) process that employed an empathetic, user-centric mindset with iterative processes to improve products, services, and systems. This research engaged over 120 stakeholders in interviews and listening sessions to develop a series of findings and recommendations aimed at creating a more responsive, sustainable LOINC.

One product of this vast evaluation was a series of findings and recommendations that were evaluated using a SWOT (Strengths, Weaknesses, Opportunities, Threats) analysis.

This matrix of findings and SWOT analysis was then distilled into a Strategic Roadmap and Critical Path. The plan included five high-level goals and corresponding Key Performance Indicators (KPI):

- **Ensure universal understanding of LOINC and its purpose, uses, and value**
  
  KPI 1.1: Increased engagement with both external (users) stakeholders and internal (Regenstrief Institute) stakeholders through impactful messaging
  
  KPI 1.2: Enhanced LOINC value proposition through development and execution of a communications plan and a measurement and research agenda

- **Create an adaptive staffing model that adequately supports the program now and in the future**
  
  KPI 2.1: Improved organizational maturity through development and implementation of appropriate staffing model

- **Position LOINC as a leader and innovator within a larger community, including current funders, global SDO groups, and academic partners**
  
  KPI 3.1 Expanded and improve partnerships and relationships
  
  KPI 3.2 Expanded academic affiliations
  
  KPI 3.3 Visible leadership role in the international SDO community

- **Achieve fiscal stability**
  
  KPI 4.1 Improved business development planning and execution
  
  KPI 4.2 Increased participation in membership and sponsorship programs
  
  KPI 4.3 Sustainable fiscal model to ensure and enhance LOINC viability

- **Enhance innovation and technology**
  
  KPI 5.1 Decreased technical debt over a defined period of time
  
  KPI 5.2 Improved methodology for content delivery
  
  KPI 5.3 Internationally-aligned content (measurements, naming, etc.) standards through the development of a master data dictionary standard
  
  KPI 5.4 Improved usability of user interfaces

The goals and KPIs are to be achieved through individualized plans for Human Resources, Business Development, Research and Evaluation Agenda, Communications and Marketing, and Technical Remediation.

loinc.org/strategic-plan

Photo courtesy of TIC Salut Foundation
A CHANGE TO THE LOINC CONFERENCE FORMAT

Throughout most of its 25-year existence, LOINC has held meetings with its committee members and stakeholders. These public events have also included an education component to broaden LOINC implementation.

In December 2017, LOINC switched to a quarterly conference format, with a full day of educational workshops offered in two parallel tracks, with two focused on laboratory and two on clinical. This structure proved popular but also pulled team members’ focus away from term development and other important projects.

The logical compromise was a biannual schedule combining both lab and clinical domains. The first event under this format was held October 23-25, 2019, in Spain. Additionally, this became first LOINC Conference to be hosted outside the United States, setting a pattern for alternating U.S. and non-U.S. venues. (Remote attendance remains available for both committee meetings.)

loinc.org/conference

DESTINATION: BARCELONA

This first combined LOINC Conference was hosted by TIC Salut Foundation at the Tecnocampus Conference Centre in Mataró, Spain—30 km outside of Barcelona. Over 50 individuals from 17 countries participated in the three-day event. Presentations at this inaugural event featured LOINC implementations in Spain and other areas within Europe.

OTHER EVENTS

The Spring 2019 Clinical LOINC Conference, hosted by Intermountain Healthcare, was held Feb. 19-20 in Salt Lake City. The Summer 2019 Laboratory LOINC Conference took place at LOINC’s home base, Regenstrief Institute, in Indianapolis on June 5-6. Details are available on the LOINC website.

loinc.org/meetings

CLEM MCDONALD LECTURE

Father of LOINC, Clem McDonald, MD, provided the keynote speech at the Summer 2019 LOINC Conference. His talk looked back at LOINC’s progress in its first 25 years.

This also provided the perfect opportunity to name the keynote at all future LOINC Conferences in honor of Dr. McDonald’s many contributions.
LOINC Award for Distinguished Achievements

Lorie Carey, CIM P.Mgr, received the 2019 LOINC Award for Distinguished Contributions at the LOINC Laboratory Committee Meeting, June 6 at the Regenstrief Institute in Indianapolis. Carey, of Saskatchewan, has been instrumental in improving Canadian data standards over the course of her career. She has played a key role in developing Canadian data standards, improving point-of-care delivery and health research.

“Many of us share a vision of having key health data like lab tests available to patients and providers wherever they are,” said Daniel Vreeman, PT, DPT, MS, director of LOINC. “Lorie has been instrumental in bringing that vision to life across Canada by her exceptional work to accelerate LOINC use and tailor it to the Canadian context.”

“Lorie is almost single-handedly responsible for the uptake of the LOINC standards in Canada, and the country is better off for her efforts,” said Pierre Leveille, Canadian Institute for Health Information (CIHI) official. “Her work has supported every jurisdiction in Canada. Her enthusiasm has been sustained and very contagious, and she has been deliberate and determined.

Lorie has encouraged and fostered cooperation and collaboration amongst laboratory professionals, information system professionals, clinicians, health delivery organizations and governments.”

“The CIHI provides comparable and actionable data and information that are used to accelerate improvements in health care, health system performance and population health across Canada.”

“To be considered in the same circle with people that you looked up to your entire LOINC career is truly a humbling experience.”

LORIE CAREY

Photo credit: Phil Lofton/Regenstrief Institute

The LOINC Award for Distinguished Contributions honors an individual who has made sustained and enduring contributions that advance health data interoperability with LOINC.

loinc.org/award

PREVIOUS RECIPIENTS

Pamela D. Banning
2018

Cindy Johns
2016

Susan Matney
2017

Gilbert Hill
2016
Community Engagement

LOINC users form a vibrant community with a wealth of diverse expertise, resources, and knowledge. Regenstrief has developed several means of fostering community participation and interaction.

loinc.org/community

**Mailing List**
Our email list is the primary platform for distributing LOINC happenings including information on new releasees. Everyone with an interest in LOINC should subscribe to this list. We send no more than four messages per month to this primary list.

loinc.org/mailing-list

**Twitter @LOINC**
Twitter is one of the few social media platforms in which we participate. We encourage users to tag us @LOINC in tweets so we may share relevant messages to the larger community.

loinc.org/twitter

**User Forum**
LOINC’s online discussion forum allows community members to interact on a variety of topics. We encourage participation in this open setting as the community is often best poised to assist with questions on implementation and other uses of LOINC.

loinc.org/forum

**User Support**
LOINC provides limited technical assistance to its Premium Members. We welcome feedback from the entire user community. The most efficient method to contact the LOINC team and ensure an efficient response to issues is via the Contact Us form on our website.

loinc.org/contact

**Community Engagement**

<table>
<thead>
<tr>
<th>Metric</th>
<th>2019</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing list subscribers</td>
<td>42,169</td>
<td>▲ 37%</td>
</tr>
<tr>
<td>Unique forum viewers in 2019</td>
<td>11,272</td>
<td>▼ 7%</td>
</tr>
<tr>
<td>Total forum posts</td>
<td>1,071</td>
<td>▲ 17%</td>
</tr>
<tr>
<td>User support conversations</td>
<td>1,938</td>
<td>▲ 22%</td>
</tr>
<tr>
<td>Support messages received</td>
<td>3,054</td>
<td>▲ 1%</td>
</tr>
</tbody>
</table>

42,169 subscribers, 11,272 unique forum viewers, 1,071 total forum posts, 1,938 user support conversations, 3,054 support messages received.
In addition to traditional distribution methods, users can retrieve LOINC content programmatically with the public API using HL7®’s FHIR®. Launched in September 2018, LOINC’s FHIR server makes available current LOINC content by request.

**NEW QUESTIONNAIRE RESOURCE**

Since the API’s inception, LOINC content has been made available using three resources as defined by the FHIR standard: CodeSystem, ValueSet, and ConceptMap. In December 2019, a new resource type was added to convey LOINC panels: Questionnaire.

FHIR’s questionnaire resource provides a way to represent a set of questions in a structured format along with associated information such as answer lists, instructions, and skip logic. Our current deployment renders the LOINC panels as they are currently represented in the database. In the future we anticipate enhancing the content so that we can add more features, such as computable skip logic.

Referring to the example shown at right, the PROMIS cancer item bank physical function questionnaire (89689-4) can be accessed as JavaScript Object Notation (JSON) response. This payload contains all information to render the questionnaire including individually codified questions and associated Answer Lists.

FHIR server documentation on the LOINC website has complete details for this new resource, as well as the other available content.

**GROWTH IN USAGE**

LOINC’s terminology server has become a popular means for accessing content. From January to December 2019, the total number of successful requests increased nearly 800%. The predominant use is within the CodeSystem resource.

<table>
<thead>
<tr>
<th>Month</th>
<th>Requests</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>355,046</td>
</tr>
<tr>
<td>February</td>
<td>378,348</td>
</tr>
<tr>
<td>March</td>
<td>393,794</td>
</tr>
<tr>
<td>April</td>
<td>114,411</td>
</tr>
<tr>
<td>May</td>
<td>80,255</td>
</tr>
<tr>
<td>June</td>
<td>94,787</td>
</tr>
<tr>
<td>July</td>
<td>206,426</td>
</tr>
<tr>
<td>August</td>
<td>250,036</td>
</tr>
<tr>
<td>September</td>
<td>1,096,298</td>
</tr>
<tr>
<td>October</td>
<td>1,979,771</td>
</tr>
<tr>
<td>November</td>
<td>2,166,501</td>
</tr>
<tr>
<td>December</td>
<td>2,832,654</td>
</tr>
</tbody>
</table>

$ curl -X GET -u myloincusername 'https://fhir.loinc.org/Questionnaire/89689-4' --header 'Content-Type:application/fhir+json' Enter host password for user 'myloincusername':

```json
{
    "resourceType": "Questionnaire",
    "id": "89689-4",
    "meta": {
        "extension": [
            {
                "url": "http://hapifhir.io/fhir/StructureDefinition/resource-meta-source",
                "valueUri": "+jvNzo034DhXRTL34"
            }
        ],
        "versionId": "1",
        "lastUpdated": "2019-12-15T20:51:16.996+00:00",
        "profile": [
            "http://fhir.org/guides/argonaut/questionnaire/StructureDefinition/argo-questionnaire"
        ],
        "contained": [
            {
                "resourceType": "ValueSet",
                "id": "LL1022-4",
                "meta": {
                    "profile": [
                        "http://fhir.org/guides/argonaut/questionnaire/StructureDefinition/argo-questionnaire"
                    ]
                },
                "url": "http://loinc.org/vs/LL1022-4",
                "title": "[PROMIS] Diffic: WO|W lit|W some|W much|Unab to do",
                "status": "draft",
                "compose": [
                    "include": [
                        {
                            "valueSet": [
                                "http://loinc.org/vs/LL1022-4"
                            ]
                        }
                    ]
                ]
            }
        ]
}
```
SearchLOINC & RELMA®

SearchLOINC is a web-based tool that allows you to quickly and easily find terms within the LOINC database.
loinc.org/search

RELMA is a freely-available Windows program for searching the LOINC database and mapping local codes to LOINC terms.
loinc.org/relma

Searching is a core component of using LOINC. Identifying the appropriate term to which a local code is to be mapped can be daunting but does not have to be difficult. We have built robust search mechanisms, including a sophisticated syntax, to aid in this task.

FASTER SEARCH POWERED BY APACHE SOLR™

A new search foundation was developed in 2019 using Apache Solr, a standalone enterprise search server. This tool provides standards based open interfaces for powerful matching capabilities. Moreover, it is faster than previous implementations.

Solr uses the same Apache Lucene™ technology that we have relied on for many years, so the search syntax and results are the same.

The Solr-based search was added to SearchLOINC in May 2019 and made available within RELMA with its version 7.0 release in December.

While this change will be transparent to most users, it provides a framework with which additional search indexes and resources will be built.

NEW DETAILS PAGES

Details pages serve as the canonical location for each LOINC code, whether it be a LOINC term, part, Answer List, or LOINC group.

Newly organized and optimized Details pages were made available in mid-2019. The new resources are mobile-responsive, faster-loading, and in line with LOINC’s branding standards.

These new pages also point to resources, such as the FHIR-based API, and documentation. Additional resources to guide users will be added in the future.
LOINC.org Website

**IMPROVED AVAILABILITY AFTER SERVER MIGRATION**

LOINC’s web services were moved to Amazon Web Services (AWS) in May 2019. What was previously a single common platform was separated into distinct instances. This allowed server parameters to be optimized for each service and prevent one flaw from causing the entire LOINC web ecosystem to fail.

The result of this work was vastly improved availability. From June to December 2019, the combined uptime from all web services was 99.9994% uptime, i.e. LOINC websites were unavailable for just 1,383 total seconds (23 minutes) over this seven-month period. This compares with more than 51 total hours of down time for the other five months of the year.

**BROWSABLE LOINC PANEL CONTENT**

A web-based tool for perusing panel and form content within LOINC was developed in early 2019. This new Panel Browser tool allows users to identify panels through a number of top-level categories—as shown above—each with its own sub categories.

For instance, to see LOINC panels associated with Consolidated Clinical Document Architecture (C-CDA), a user would click on “Clinical Documents and Summaries,” then “HL7 Clinical Document Architecture,” and finally “Consolidated CDA.” This path yields 19 terms as of the version 2.67 release. Users then have the option to search the resulting list by name.

loinc.org/panels

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**LOINC Committee**

To help guide LOINC development, Regenstrief organized the LOINC Committee. With volunteers from academia, industry, and government, the LOINC Committee serves as the main advisory body for LOINC.

The LOINC Committee is comprised of the members of its composite committees. The organizational structure is represented in the following diagram.

Members of the LOINC community interested in joining the Committee can visit the LOINC website for details and to apply.

Current committee rosters are also available on the site.

loinc.org/committee

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**LOINC Panels**

<table>
<thead>
<tr>
<th>Laboratory Order Panels</th>
<th>Clinical Assessments, Scales, Measures</th>
<th>Clinical Documents and Summaries</th>
<th>Diagnostic Studies (non-lab)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1362</td>
<td>498</td>
<td>63</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th>Miscellaneous</th>
<th>Healthcare Effectiveness Data and Information Set (HEDIS)</th>
<th>Survey instruments</th>
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Help Support Interoperability

SPONSORSHIP AND DONATIONS
LOINC's goal to help people experience optimal health through seamless information processing is attainable, but only with your support. We’d love for you to work with us to create this reality. We offer several sponsorship opportunities for organizations. As an individual, you can make a one-time contribution to Regenstrief Institute.

loinc.org/donate

ABOUT THE PIG
Simply put, LOINC rhymes with “oink” so we’ve adopted a pig as our unofficial mascot.

loinc.org/pig

LOINC PREMIUM MEMBERS
Show your individual support for LOINC and get some special benefits in the process. Starting at $75 for one year, you can take your LOINCing to the next level. You can also get a Mapping Validity Checker for an additional fee.

loinc.org/members

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Enhancing the Logical Observation Identifiers Names and Codes (LOINC®) Standard to Support U.S. Interoperability. Office of the National Coordinator for Health Information Technology. 90AX0021/01-00

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