

UMLS 2018 User Survey

OMB Control Number: 0925-0648

Expiration Date: 05/31/2021

Public reporting burden for this collection of information is estimated to average 7 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a current valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0648). Do not return the completed form to this address.

Which of the following terminology products did you use this year?

- UMLS (Unified Medical Language System - Metathesaurus, Semantic Network, and Lexical Tools)
- RxNorm
- MetaMap
- VSAC (Value Set Authority Center)
- NIH Common Data Element (CDE) Repository
- CPT (Current Procedural Terminology)
- LOINC (Logical Observation Identifier Names & Codes Terminology)
- Semantic Network (outside of the UMLS)
- SPECIALIST Lexicon and Lexical Tools (outside of the UMLS)
- SNOMED CT International Release
- US Edition of SNOMED CT
- Nursing Problem List Subset of SNOMED CT
- CORE Subset of SNOMED CT (Clinical Observations Recording and Encoding Subset of SNOMED CT)
- ROA Subset of SNOMED CT (Route of Administration Subset of SNOMED CT)
- CMT (Convergent Medical Terminology)
- SNOMED CT to ICD-10-CM Map
- ICD-9-CM to SNOMED CT Map
- None of these
- I don't know
- Other, please specify: _____

End of Block: Default Question Block

Start of Block: UMLS block

How often do you use resources from the UMLS?

- Daily
- Weekly
- Monthly
- Annually
- Never

For which categories of terminologies would you like to see increased coverage in the UMLS?

- Drugs [Pharmaceutical Preparations]
- Disease/Diagnosis
- Procedures
- Insurance Claim Reporting
- Genetics
- Laboratory Techniques and Procedures
- Anatomy
- Consumer Health Information
- Disabled Persons
- Medical Devices
- Nursing
- Phylogeny
- Adverse Drug Reaction Reporting Systems
- Complementary Therapies
- Dentistry
- Other, please specify: _____

For what purpose(s) did you use UMLS?

- Extract specific terminologies from the Metathesaurus (e.g., MedDRA, MeSH, NDF-RT)
- Creation and maintenance of local terminology
- Information indexing/annotations and retrieval
- Concept-oriented synonymy
- Processing of texts to extract concepts, relationships or knowledge
- Support of a terminology server or service
- Terminology research
- Mapping between terminologies
- Other, please specify: _____

Do you provide an application, tool, or system that utilizes the UMLS?

- Yes
- No

Please describe your application, tool, or system that utilizes the UMLS.

How does it utilize the UMLS? Are UMLS data exposed to users? Who uses the application/tool/system?

Do you use UMLS CUIs (Concept Unique Identifiers) in a clinical setting?

- Yes
- No

How useful are the UMLS Knowledge Sources?

	Have not used	Not useful	Useful	Very useful	Extremely useful
Metathesaurus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Semantic Network	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SPECIALIST Lexicon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lexical Tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How useful are these elements in the Metathesaurus?

	Have not used	Not useful	Useful	Very useful	Extremely useful
Concept names and synonyms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hierarchical relationships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-hierarchical relationships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Definitions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MIRMAP/MRSMAP files	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attributes (MRSAT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Semantic Types assigned to Concepts (MRSTY)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Word Indexes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Did you install the UMLS locally?

Yes

No

Did you install UMLS locally using a database to store data?

Yes

No

When you installed the UMLS locally, which database did you use?

MS Access

MS SQL Server

MySQL

Oracle

PostgreSQL

Semantic Web Triple Store

NoSQL

Other, please specify _____

What format of Metathesaurus data did you use?

RRF (Rich Release Format)

ORF (Original Release Format)

Which UMLS API product(s) did you use?

- UMLS REST API
- UMLS SOAP API
- Legacy UMLS/SKS API
- Did not use any UMLS API

Did you browse the UMLS data on UTS (UMLS Terminology Service) or MetamorphoSys?

- UTS
- MetamorphoSys
- Did not use UTS or MetamorphoSys
- Other, please specify: _____

What MetamorphoSys features did you use?

- Install default Metathesaurus subsets
- Install the Semantic Network
- Install the SPECIALIST Lexicon
- Customize a Metathesaurus subset
- RRF Browser
- MRCXT File Builder
- File Validation
- Database Load Script Generator
- MetamorphoSys Filters
- Metathesaurus Content Views

What can NLM do to improve MetamorphoSys?

Please select and briefly describe any enhancements you would suggest to improve the UMLS.

- File Format _____
- Mapping _____
- Installation _____
- Site Navigation _____
- Customer Support _____
- Use Case Examples _____
- User Forum _____
- Training/Documentation _____
- Other _____

For which terminology product(s) would you like to see new or additional educational materials?

- UMLS (Unified Medical Language System - Metathesaurus, Semantic Network, and Lexical Tools)
- RxNorm
- VSAC (Value Set Authority Center)
- SNOMED CT
- NIH Common Data Element (CDE) Repository
- None
- Other, please specify: _____

For which UMLS topics would you like to see new or additional educational materials?

- Understanding Term Types
- Using the REST API
- Using the SOAP API
- Working with databases
- Content and/or Vocabulary questions

Other, please specify: _____