

# Terminology Sources

## EVS Vocabulary Processing

EVS licenses and serves third party terminology as needed to meet NCI and caBIG requirements. These vocabularies come to EVS from a variety of sources and in a variety of formats. Though the LexBIG application is able to import most of these formats directly, a few terminologies require further processing before they can be loaded. Details on terminology sources, formats and processing are provided on this page.

- [Locally produced vocabularies](#)
- [External vocabularies published by EVS](#)
- [UMLS subsets published by EVS](#)

## Locally produced vocabularies

EVS produces the following vocabularies and makes them available through the LexEVS API and various browsers (NCIt Browser, NCI Metathesaurus Browser).

Name	Source	URL for Download	Secured?	Format	Size	Processing Notes
NCI Metathesaurus	<a href="#">NCI Enterprise Vocabulary Services</a>	<a href="https://evs.nci.nih.gov/evs-download/metathesaurus-downloads">https://evs.nci.nih.gov/evs-download/metathesaurus-downloads</a>	N/A	RRF	5.4G	<a href="#">NCI Metathesaurus Processing</a>
NCI Thesaurus	<a href="#">NCI Enterprise Vocabulary Services</a>	<a href="https://evs.nci.nih.gov/evs-download/thesaurus-downloads">https://evs.nci.nih.gov/evs-download/thesaurus-downloads</a>	N/A	OWL	290M	<a href="#">NCI Thesaurus Processing</a>
CTCAE	<a href="#">Common Terminology Criteria for Adverse Events</a>	<a href="http://evs.nci.nih.gov/ftp1/CTCAE/About.html">http://evs.nci.nih.gov/ftp1/CTCAE/About.html</a>	NA	OWL	1M	N/A

## External vocabularies published by EVS

EVS makes available a number of terminologies through the NCI Browser and API that are produced by sources outside the NCI.

Name	Source	URL for Download	Secured?	Format	Size	Processing Notes
Gene Ontology	<a href="#">Gene Ontology Consortium</a>	<a href="ftp://ftp.geneontology.org/pub/go/ontology-archive/">ftp://ftp.geneontology.org/pub/go/ontology-archive/</a>	N/A	OBO	12M	None
HL7	<a href="#">Health Level Seven</a>	<a href="http://www.hl7.org/Library/data-model/RIM/modelpage_mem.htm">http://www.hl7.org/Library/data-model/RIM/modelpage_mem.htm</a>	N/A	RIM database	32M	None
NDF-RT	<a href="#">Department of Veterans Affairs</a>	<a href="https://evs.nci.nih.gov/ftp1/NDF-RT/">https://evs.nci.nih.gov/ftp1/NDF-RT/</a>	Yes	OWL	4M	Converted from Ontylog to OWL by Lockheed Martin
The MGED Ontology	<a href="#">FGED Society</a>	No longer being produced - has been incorporated into OBI	N/A	OWL	1M	None
UMLS	<a href="#">Unified Medical Language System</a>	<a href="http://www.nlm.nih.gov/umlsknowledgesources.html">http://www.nlm.nih.gov/umlsknowledgesources.html</a>	<a href="#">Requires Free UMLS License</a>	RRF	22G	See UMLS Subsets table below
UMLS SemNet	<a href="#">UMLS Semantic Network</a>	<a href="http://semanticnetwork.nlm.nih.gov/Download/index.html">http://semanticnetwork.nlm.nih.gov/Download/index.html</a>	N/A	RRF	1M	None
Zebrafish	<a href="#">The Zebrafish Model Organization Database</a>	<a href="http://obo.cvs.sourceforge.net/.../zebrafish_anatomy.obo">http://obo.cvs.sourceforge.net/.../zebrafish_anatomy.obo</a>	N/A	OBO	1M	None
ChEBI	<a href="#">Chemical Entities of Biological Interest</a>	<a href="ftp://ftp.ebi.ac.uk/pub/databases/chebi/ontology/chebi.obo">ftp://ftp.ebi.ac.uk/pub/databases/chebi/ontology/chebi.obo</a>	N/A	OBO	1M	None
Mouse Anatomy	<a href="#">Mouse Adult Gross Anatomy</a>	<a href="ftp://ftp.informatics.jax.org./adult_mouse_anatomy.obo">ftp://ftp.informatics.jax.org./adult_mouse_anatomy.obo</a>	N/A	OBO	1M	None
HGNC	<a href="#">Hugo Gene Nomenclature Committee Ontology</a>	<a href="ftp://ftp.ebi.ac.uk/pub/databases/genenames/hgnc_complete_set.txt.gz">ftp://ftp.ebi.ac.uk/pub/databases/genenames/hgnc_complete_set.txt.gz</a>	NA	Flat	1M	Convert to OWL
OBI	<a href="#">Ontology for Biomedical Investigations</a>	<a href="https://github.com/obi-ontology/obi/blob/master/obi.owl">https://github.com/obi-ontology/obi/blob/master/obi.owl</a>	NA	OWL	1M	None
CanMED	<a href="#">Cancer Medications Enquiry Database</a>	<a href="https://seer.cancer.gov/oncologytoolbox/">https://seer.cancer.gov/oncologytoolbox/</a>	NA	txt	13M	Convert to OWL
DUO	<a href="#">Data Use Ontology</a>					

## UMLS subsets published by EVS

The UMLS is not published in entirety. Instead a number of subset ontologies are extracted and published.

Name	Original Source	Secured?	Size of subset	Processing Notes
LOINC	<a href="#">Logical Observation Identifiers Names and Codes</a>	N/A	500M	None
MedDRA	<a href="#">Maintenance and Support Services Organization</a>	<a href="#">Requires MSSO Subscription</a>	193M	None
Snomed	<a href="#">International Health Terminology Standards Development Organization</a>	<a href="#">Requires Snomed license</a>	7.4G	None
ICD9	<a href="#">The International Classification of Diseases Ninth Revision</a>	N/A	180M	None
ICD9CM	<a href="#">The International Classification of Diseases Ninth Revision Clinical Modification</a>	N/A	210M	None
ICD10	<a href="#">The International Classification of Diseases Tenth Revision</a>	N/A	121M	None
ICD10CM	<a href="#">The International Classification of Diseases Tenth Revision Clinical Modification</a>	N/A	285M	None
PDQ	<a href="#">Physicians Data Query</a>	N/A	160M	None
RadLex	<a href="#">RSNA RadLex</a>	N/A	179M	None
MED-RT	<a href="#">MED-RT</a>	NA	2M	None