# Annotated Histology List

As an aid to registry software vendors for implementing the 2022 histology changes, we are again making an Excel file of ICD-O-3 histology codes available. This file has been maintained by the Registry Plus team at CDC’s NPCR for several years and reflects modifications to ICD-O-3 implemented by North American cancer registries over time. It is sorted by ICD-O-3 morphology, then behavior, then by preferred True or False, and then alphabetic by description for the non-preferred terms. The primary intent of this document is for registry software vendors to utilize for picklists and/or quality control of existing picklists for ICD-O-3 histologies.

Characteristics of the file include:

* Comprehensive. Includes codes that were replaced or made obsolete over time.
* Annotated. Descriptions include usage notes in square brackets, where appropriate, based on documentation from NAACCR’s ICD-O-3 working groups. Codes that have been made obsolete are labeled ‘[obs]’.
	+ Examples:
		- Adenocarcinoma, pancreatobiliary-type (C24.1) [2015-2017. FOR 2018+ USE 8163/3]
		- Invasive mucinous adenocarcinoma (C34.\_) [LUNG ONLY, 2018+, DO NOT USE 8480]
		- Oligodendroblastoma (C71.\_) [obs]
* Preferred terms flagged. Synonyms and related terms are included, but for each combination of histology and behavior in the list, one term is flagged as the preferred term (Preferred Term column entry set to TRUE) for use in reports. ‘False’ indicates synonyms and related terms.
* Multiple entries with permutations of words. Descriptions with multiple words are listed multiple times with different word order. All of these have the Preferred Term column entry set to FALSE.
	+ Examples:
		- Preferred term: Myxoid pleomorphic liposarcoma [2022+]
		- Liposarcoma, myxoid pleomorphic [2022+]
		- Pleomorphic liposarcoma, myxoid [2022+]

Color Coding Descriptions:

* Red text indicates v22 changes from the 2021 version.
	+ Entire row in red text indicates new terms added to the table or a new code assigned to an existing term. The associated code is stated in the annotation.
	+ Bracketed annotations in red text only indicates terms were previously included in the table; however, reportability/behavior changed, and annotations indicate year of implementation.
	+ Column C and D in red text only indicates a change in preferred term.
* Green text indicates a few histology codes identified in the ICD-O-3.2 list distributed by the International Agency for Research on Cancer/World Health Organization (IARC/WHO) ICD-O Committee that were not previously included in the annotated histology list and were approved for inclusion.
* Blue text indicates changes made to be consistent with the SEER Heme Database.

Although this list has been reviewed multiple times, we cannot guarantee 100% accuracy.  This list is not a substitute for referring to various standard-setter documents and implementation guidelines that have been released over the years.  At the time of this release, the latest ICD-O-3.2 list corresponding to the v22 changes has not been released by the IARC/WHO. End users should first review the Solid Tumor Rules for coding guidance. Changes to the hematologic and lymphoma codes have been especially numerous and complex over time.  We recommend that all hematologic and lymphatic malignancy codes be selected based on SEER’s Hematopoietic Project, available here: <https://seer.cancer.gov/tools/heme/>.

The following statement has been added to all hematopoietic and lymphoid codes/terms to recommend users review the Heme Database for reportability and histology assignment.

SEE HEMATOPOIETIC DATABASE FOR REPORTING