

AJCC Cancer Surveillance DLL V26 Known Issues and Interim Vendor Guidance

Items Planned for Correction or Review in V27

Release approach. AJCC does not currently plan an additional V26 release specifically for the items described in this document. Permanent corrections and additional review are planned for V27.

Purpose and Implementation Guardrails

This document summarizes known V26 behaviors scheduled for correction or review in V27 and provides temporary vendor guidance.

Keep all temporary workarounds limited to the exact condition described.

- Log every use of an override so affected cases can be identified and retested.
- Do not globally suppress validation errors or substitute clinical values.
- Remove temporary overrides after V27 has been validated in the vendor environment.

Issue Summary

Issue	Interim vendor guidance	V27 disposition
Schema IDs ending in .0	Retry a failed lookup with .0 appended when the returned ID has no decimal.	Return the official schema ID.
Adult ALL (Acute Lymphoblastic Leukemia) mapping	The incorrect schema association does not affect a TNM stage result because these leukemia schemas do not produce TNM staging values.	Correct the mapping for consistency.
Histology 9836	Intercept 9836 as a known V26 exception; do not substitute another histology.	Recognize 9836 as valid.
Duplicate mappings for sex 9	Collapse identical results; do not select between conflicting results by row order.	Review and correct mappings/query behavior.
Schema Discriminator 1	Use an exact-case override only when the vendor has reproduced and validated the issue.	Apply any confirmed mapping corrections.
Age discriminator value 19	Log and report unexpected cases; no broad workaround is recommended.	Review and correct SQLite entries.
Salivary Gland descriptions	No calculation workaround is required; avoid using description text as logic.	Correct text and perform quality review.

Detailed Vendor Guidance

1. Schema IDs Ending in ".0" Are Returned Without the Decimal

Current behavior: A schema ID whose official value ends in ".0" may be returned without the suffix. For example, 83.0 may be returned as 83. String-based downstream lookups may then fail.

Interim vendor guidance: Use the returned value first. If the lookup fails and the returned ID contains no decimal, retry the lookup with ".0" appended. Keep schema IDs as strings rather than numeric values. Apply this normalization only to the AJCC ID returned by the DLL. Do not apply it to TNM edition values, data-item values, or other numeric outputs.

```
schemaId = dllResult.SchemaId
```

```
if !SchemaExists(schemaId) && !schemaId.Contains("."):

```

```
    schemaId = schemaId + ".0"
return LookupSchema(schemaId)
```

V27 action: Return the complete official schema ID, including the ".0" suffix.

2. Adult ALL Cases Assigned to the Pediatric Schema

Current behavior: Some Adult Acute Lymphoblastic Leukemia cases may be associated with the pediatric schema rather than the adult schema.

Current impact: No TNM staging result is affected because leukemia is not staged through the DLL. No interim calculation workaround is required.

V27 action: Correct the schema association for consistency.

3. Histology 9836 Is Rejected as Invalid

Current behavior: Histology 9836 exists in the database but may currently be rejected by V26 as an invalid histology.

Interim vendor guidance: Add a condition before the affected DLL call. Treat histology 9836 as a known V26 exception and route it through the vendor's configured exception process. Do not substitute another histology code. Vendors should retain the original histology value and may continue processing unrelated case data. The affected AJCC schema lookup should be flagged for manual review or deferred until the V27 correction is installed.

```
if case.Histology == 9836:
    LogKnownV26Exception(case)
    RouteToExceptionHandler(case)
else:
    CallDll(case)
```

V27 action: Add histology 9836 to the valid histology handling.

4. Duplicate AJCC ID Mappings When Sex Is Unknown (9)

Current behavior: Some input combinations may produce duplicate mapping records when sex is coded as unknown (9).

Interim vendor guidance: Vendors that query the SQLite mapping data directly should remove exact duplicate records using AJCC ID and TNM edition. Vendors using only the DLL interface should log and report cases where the returned result appears inconsistent or ambiguous.

```
matches = GetApplicableMappings(case)
uniqueMatches = Distinct(matches, by: AJCCID + TNMEdition)

if uniqueMatches.Count == 1:
    return uniqueMatches[0]

if uniqueMatches.Count > 1:
    LogAmbiguousMapping(case, uniqueMatches)
    RouteToReview(case)
```

Important. Do not rely on SQLite row order or automatically select the first returned record when different AJCC IDs remain.

V27 action: Review and correct the mappings and query behavior associated with unknown sex.

5. Schema Discriminator 1 May Be Requested When It Is Not Applicable

AJCC review status: AJCC reviewed the reported behavior but did not identify a reproducible issue in the current data. Standard Schema Discriminator 1 behavior should therefore remain enabled by default.

Interim vendor guidance: Vendors should implement an override only after the exact expected AJCC ID and TNM edition have been confirmed by AJCC.

```
if result.ErrorCode == INVALID_SCHEMA_DISCRIMINATOR1:
    override = FindAJCCApprovedOverride(case)

    if override exists:
        LogOverrideUse(case, override)
        return override.AJCCID, override.TNMEdition

    LogUnconfirmedCase(case)
    RouteToReview(case)
```

return resultOverride requirements

- Match the complete validated case key, including year, site, histology, behavior, sex, and age when applicable.
- Do not suppress all INVALID_SCHEMA_DISCRIMINATOR1 errors.
- Do not supply an arbitrary discriminator value to force a result.
- Submit the reproducible input and expected result to AJCC for V27 review.

V27 action: Continue review of reproducible vendor cases and correct any confirmed mappings or discriminator requirements.

6. Potential Missing SQLite Entries for Age Discriminator Value 19

Current review item: The SQLite database requires review for potentially missing entries involving an age discriminator value of 19.

Interim vendor guidance: No broad conditional workaround is recommended until the exact affected mappings are confirmed. Vendors should log and report cases involving this value when the returned result is unexpected.

V27 action: Review the applicable database entries and add or correct records as required.

7. Unintended Text in Salivary Gland Descriptions (AJCC ID 9017)

Current behavior: A small number of Salivary Gland descriptions may contain unintended text such as "beta," "extensionbeta," or "betabeta."

Current impact: This is a description-quality issue affecting very few cases. No calculation workaround is required. Vendor applications should not use description text as a programmatic identifier or as staging logic.

V27 action: Correct the affected descriptions and perform a broader description-quality review for similar placeholder, repeated, or malformed text.