

# ONC Health IT Certification Program Insights Condition

Updated December 13, 2023

## Measure ID and Version: Interop\_Standards\_3\_v2

**Measure Title:** Use of FHIR bulk data access through certified health IT

### Measure Description

- *Regulatory Reference:* § 170.407(a)(3)(v)
- *Associated Certification Criteria:* § 170.315(g)(10)
- This measure captures the number of bulk data downloads completed through certified health IT relative to the number of certified health IT deployments or installations.

### Metrics and Reporting Timeline

Metrics	Program Year
Number of bulk data access requests completed (across clients) to export all data requested for patients within a specified group	Year 2
Number of distinct certified health IT deployments (across clients) that completed at least one bulk data access request	Year 2

Note: “Program Year” refers to the implementation year of the Insights Condition. “Year 2” measures start data collection in calendar year 2027, with responses due in July 2028 (and annually thereafter).

### Definitions

- **HL7 FHIR Bulk Data Access (Flat FHIR) Implementation Guide:** <http://hl7.org/fhir/uv/bulkdata/STU1/>
- **Bulk Data Download Request:** Using certified health IT to export all data for patients within a specified group that is operationalized as “[FHIR ServerBase]/Group/[groupid]/\$export” for the metrics associated with this measure.
- **Complete Requests:** A request is completed when the Bulk Data Status Request reports a status of complete (i.e., the timepoint when the user may begin downloading files). Complete is not defined by whether the files are subsequently accessed and downloaded by the requestor.

### Supplemental Reporting Information

- **Required:** Measures and related metrics are due annually. The reporting period is one calendar year.
- **Required:** Measures and related metrics must be aggregated at the product level (across versions).
  - Note that health IT developers with integrated certified health IT products will only have to report one response for each metric for those products (rather than two or more individual responses).
- **Required:** Developers must provide percentage of total customers (e.g., hospital sites, individual clinician users) represented in the provided data for each metric response.
- **Required:** Developers will submit documentation on the data sources and methodology used to generate these measures.
- **Optional:** Developers may also submit descriptive or qualitative information to provide context.

## Implementation Information

- The metrics should reflect activity across all endpoints regardless of whether publicly available or not, and type of user. Given that bulk FHIR is likely primarily for non-patient facing use cases, it should not be limited to patient-facing endpoints; it needs to include “all” endpoints and use cases.
- These metrics apply to API-enabled “read” services for multiple patients where the number reported should reflect the “read” access queries that used the population services capabilities in § 170.315(g)(10) (e.g., the FHIR Bulk Data Access IG).
- The measure applies to FHIR Bulk Data requests for FHIR resources that are within the scope of § 170.315(g)(10).
- Certified health IT deployments represents the total number of certified health IT deployments active at any time during the measurement period, not the total number active as of the end of the measurement period or a specific point in time.
- Certified health IT deployment that are “active” have implemented the § 170.315(g)(10) criterion and have a FHIR endpoint (base URL) available for a developer to make a request against.
- Note that all certified health IT deployments should be included regardless of the number of clients that are represented by a given deployment.

## Exclusions

- Products that are not certified to § 170.315(g)(10) are excluded from this measure.

## Measure Characteristics

- Measure Area: Standards Adoption and Conformance
- Measure Category: Interoperability

## Version History

- Version 1 released April 14, 2023
- Version 2 released December 13, 2023