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# Industry CAT CAIS Release Status

August 31<sup>st</sup>, 2022

# Agenda

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- Full CAIS Release Update
- Open Issues
- Planned Enhancements
- Specification Updates
- General Announcements & Reminders
- Q&A

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# Industry CAT Full CAIS Release Update

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# Industry Member Release Rollout – Pre-Full CAIS Production

<b>Full CAIS Release 1</b> Industry Test – 1/31/2022 Production – 4/25/2022	<b>Full CAIS Release 2a</b> Industry Test – 3/28/2022 Production – 4/25/2022	<b>Full CAIS Release 2b</b> Industry Test – 4/11/2022 Production – 4/25/2022
<p><b>Ingestion</b></p> <ul style="list-style-type: none"><li>• Industry Test Open for Machine-to-Machine File &amp; Data Integrity Validations, Material Inconsistencies, and Feedback</li><li>• Feedback file contains up to 1,000 Rejections</li></ul> <p><b>CAIS Reporter Portal</b></p> <ul style="list-style-type: none"><li>• Manual File Upload</li><li>• Manual Submission</li><li>• Submission Feedback</li><li>• Inconsistencies Feedback</li><li>• Nightly Inconsistencies Report</li></ul> <p><b>Full CAIS Certification</b> opened on 2/1/2022</p>	<p><b>Ingestion</b></p> <ul style="list-style-type: none"><li>• New DRIVERLICENSE Foreign TID Type</li><li>• EIN Validation changed to format validation</li><li>• Feedback file enhanced to include all Rejections feedback</li></ul> <p><b>CAIS Reporter Portal</b></p> <ul style="list-style-type: none"><li>• FDID Reconciliation Report updated with Full CAIS information (count of CAT Customers and Version information)</li></ul>	<p><b>Ingestion</b></p> <ul style="list-style-type: none"><li>• Remove OTHBKR and CP customerType values for Legal Entity Customer Records</li><li>• Remove BROKERAGE and ADVISED values for accountType</li><li>• Remove primeBrokerID and bankDepositoryID fields and add a new DVPCustodianID field</li></ul>

# Industry Member Release Rollout – Full CAIS Production

Full CAIS Release 3a  
Industry Test – 5/25/2022  
Production – 6/13/2022

## Ingestion

- New Authorized Trader Names List on FDID record
- Increase *lastName* field length to 200 characters

## Reports

- FDID Version Report posted to SFTP weekly, containing active LTID Phase FDIDs not updated to Full CAIS Phase

## CAIS Reporter Portal

- FDID Version Report available on-demand, containing active LTID Phase FDIDs not updated to Full CAIS Phase

Full CAIS Release 4  
Industry Test – 6/26/2022  
Production – 7/1/2022

## Ingestion

- New OTHGOVT Foreign TID Type

## Performance Enhancements

- CAIS file processing improvements

## Minor Enhancements and Bug Fixes

Full CAIS Release 5  
Industry Test – 9/12/2022  
Production – 9/26/2022

## Performance Enhancements

- CAIS file processing improvements

## Minor Enhancements and Bug Fixes

CAIS Report Card Release

## Report Card

- Full CAIS Compliance begins with the January Report Card published on February 15th, 2023
- Compliance Rates distinguished for Correspondent data

# Industry Member Release Rollout – Planned Future Enhancements

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Industry Test – TBD  
Production – TBD

- INACTIVE End Reason
- Automated Transfer Procedure
- Optimization of error feedback

# Full CAIS Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

Industry Test Environment							
	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
Number of Total Submitters	23	42	34	28	29	11	4
Number of Unique Firms	60	284	261	253	235	154	33
Number of Files Received	Total: 130 Reporter Portal: 18 SFTP: 112	Total: 2,439 Reporter Portal: 51 SFTP: 2,388	Total: 3,199 Reporter Portal: 24 SFTP: 3,175	Total: 1,541 Reporter Portal: 23 SFTP: 1,518	Total: 1,599 Reporter Portal: 23 SFTP: 1,576	Total: 1,305 Reporter Portal: 0 SFTP: 1,305	Total: 61 Reporter Portal: 0 SFTP: 61
Number of Files Rejected	18	336	27	17	14	13	0
File Reject Rate	13.85%	13.78%	0.84%	1.10%	0.88%	1.00%	0.00%

# Full CAIS Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

## Industry Test Environment

	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
FDID Records Accepted	1,773,879	3,957,234	3,185,593	1,254,363	2,907,509	984,900	398
FDID Records Rejected	170,111	1,664,480	290,818	70,680	1,638,644	525,547	179
FDID Records Submitted	1,943,990	5,621,714	3,476,411	1,325,043	4,546,153	1,510,447	577
FDID Record Rejection Rate	8.75%	29.61%	8.37%	5.33%	36.04%	34.74%	31.02%

# Full CAIS Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

## Industry Test Environment

	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
Customer Records Accepted	2,091,471	5,952,674	3,428,754	1,372,950	4,740,046	1,100,561	618
Customer Records Rejected	237,257	3,342,756	501,032	124,542	3,328,706	526,345	289
Customer Records Submitted	2,328,728	9,295,430	3,929,786	1,497,492	8,068,752	1,626,906	907
Customer Record Rejection Rate	10.19%	35.96%	12.75%	8.32%	41.25%	32.35%	31.86%

# Full CAIS Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

## Production Environment

	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
Number of Total Submitters	17	17	18	25	21	2	0
Number of Unique Firms	17	17	21	27	25	2	0
Number of Files Received	Total: 363 Reporter Portal: 107 SFTP: 256	Total: 152 Reporter Portal: 132 SFTP: 20	Total: 145 Reporter Portal: 134 SFTP: 11	Total: 233 Reporter Portal: 205 SFTP: 28	Total: 123 Reporter Portal: 101 SFTP: 22	Total: 9 Reporter Portal: 0 SFTP: 9	Total: 0 Reporter Portal: 0 SFTP: 0
Number of Files Rejected	0	0	3	2	6	0	0
File Reject Rate	0.00%	0.00%	2.07%	0.86%	4.88%	0.00%	0.00%

# Full CAIS Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

## Production Environment

	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
FDID Records Accepted	2,103,434	1,659,048	58,511	116,002	1,008,624	149,866	0
FDID Records Rejected	551,593	4,045	843	32,280	52,894	2,140	0
FDID Records Submitted	2,655,027	1,663,093	59,354	148,282	1,061,518	152,006	0
FDID Record Rejection Rate	20.78%	0.24%	1.42%	21.76%	4.98%	1.41%	0.00%

# Full CAIS Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

## Production Environment

	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
Customer Records Accepted	2,540,952	1,178,149	54,637	102,774	1,008,114	12,078	0
Customer Records Rejected	894,813	8,018	841	33,767	63,377	300	0
Customer Records Submitted	3,435,765	1,186,167	55,478	136,541	1,071,491	12,378	0
Customer Record Rejection Rate	26.04%	0.67%	1.51%	24.73%	5.91%	2.42%	0.00%

# Full CAIS Phase Rejection Observations

Rejection Source	Top Rejection Reasons
<b>File</b>	<ul style="list-style-type: none"><li>• Paired Identifiers file not received</li><li>• Duplicate file</li><li>• CAIS file not readable</li><li>• Missing or invalid Natural Person Customer record count</li></ul>
<b>FDID</b>	<ul style="list-style-type: none"><li>• FDID rejected because associated Customer was rejected</li><li>• Missing ADDRESS1 type address record</li><li>• Multiple active roles for the same CAT Customer</li><li>• No Customer association with trading capabilities</li><li>• Invalid format of address line</li></ul>
<b>Customer</b>	<ul style="list-style-type: none"><li>• Customer rejected because an associated FDID was rejected</li><li>• Malformed TID record</li><li>• Missing or invalid format of <i>yearOfBirth</i></li><li>• Customer has an open material inconsistency and <i>updateNotification</i> was not set as true</li><li>• Missing or invalid <i>city</i></li></ul>

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# Open Issues, Planned Enhancements, and Specification Updates

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# CAT Full CAIS Open Issues List – As of 8/31/2022

## Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
1	Open	22041	Instances of CAIS Data feedback containing 22041 errors when the <i>customerRecordID</i> is present in the file on either a Natural Person or Legal Entity customer record, and the same <i>customerRecordID</i> has a malformed TID warning in the CAIS TIDS feedback. A 22048 error is expected instead of the 22041 error.	Code Release	Medium	Fix: 9/12/2022	Fix: 9/26/22	Data Validation
2	Updated - Open	N/A	Intermittent instances where feedback file versions are not correctly being generated for a submission. This issue may impact any version of both CAIS Data and TIDs feedback files. This issue also impacts LTID Phase (v1) reporting.	Code Release	Medium	Fix: 9/12/2022 (TIDs feedback) Fix: TBD (CAIS Data feedback)	Fix: 9/26/22 (TIDs feedback) Fix: TBD (CAIS Data feedback)	Feedback Files
3	Open	N/A	Instances when an error occurs for a customer record where the same CAT customer is reported with multiple <i>customerRecordID</i> values, SFTP feedback will include only one of the <i>customerRecordIDs</i> . The portal feedback will include all <i>customerRecordIDs</i> related to the error.	Code Release	Medium	Fix: TBD	Workaround: All affected <i>customerRecordIDs</i> are displayed within the CAIS Reporter Portal UI. Fix: TBD	Feedback Files

# CAT Full CAIS Open Issues List – As of 8/31/2022

## Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
4	Open	N/A	Within the CAIS Reporter Portal Submission Report, counts of customer records repaired and outstanding are counted by TID rather than <i>customerRecordID</i> . Repaired and outstanding rejections counts may not match the count of records rejected.	Code Release	Low	<b>Fix:</b> No later than 9/12/22	<b>Fix:</b> No later than 9/26/22	Submission Report
5	Open	N/A	The 365-day grace period is currently only provided for 'IMPACTED' inconsistencies. This fix will apply the grace period to 'TRIGOTHER' inconsistencies as well.	Code Release	Medium	<b>Fix:</b> TBD	<b>Workaround:</b> Provide <i>updateNotification=true</i> for each affected Customer record. <b>Fix:</b> TBD	Inconsistencies
6	Open	N/A	The <i>customerRejectionEventID</i> attribute within the CAIS Data Feedback File is not present for rejections against customer records. However, this attribute is present within the CAIS Reporter Portal UI.	Code Release	Low	<b>Fix:</b> TBD	<b>Fix:</b> TBD	Feedback Files
7	Open	N/A	The Rejections and Inconsistencies pages may take longer than expected to load.	Code Release	High	<b>Fix:</b> TBD	<b>Fix:</b> TBD	Reporter Portal

# CAT Full CAIS Open Issues List – As of 8/31/2022

## Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
8	Open	N/A	Timestamps in the Nightly Inconsistencies Feedback File are in ISO format (e.g., 2022-08-01T23:29:29.971Z) instead of the Timestamp format prescribed in the CAIS Technical Specifications.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Inconsistencies
9	Open	N/A	The <i>reporterCRD</i> attribute within the Nightly Inconsistencies Feedback File is being output as a String data type instead of Unsigned.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Inconsistencies
10	Open	N/A	Instances of rejections and inconsistencies not being repaired due to database load backlog.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Error Repairs and Inconsistencies
11	Open	N/A	Duplicate rows are present in the downloaded file when downloading the Rejections table from the Reporter UI.	Code Release	Medium	Fix: TBD	Fix: TBD	Reporter UI
12	Open	22041, 22042, 22526	Incorrect error codes produced (22041, 22042) when a <i>customerRecordID</i> has an entry in the CAIS Data File but no entry in the TIDs File. 22526 is expected to be returned in this scenario.	Code Release	Medium	Fix: 9/12/22	Fix: 9/26/22	Feedback Files

# CAT Full CAIS Open Issues List – As of 8/31/2022

## Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
13	Open	N/A	Files containing more than 6 Million total records (FDIDs + CAT Customers) may not return feedback in the times specified within the Full CAIS Technical Specifications.	Code Release	Medium	Fix: TBD	Fix: TBD	Feedback Files
14	Open	N/A	In the event a correction or deletion within the <i>correctionList</i> is rejected, the <i>failedRejectionID</i> attribute is missing from the CAIS Data Feedback file.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Feedback Files
15	Open	N/A	The /reports directory is not being made available via SFTP in the Industry Test environment, and the FDID Version Report cannot be posted.	Code Release	Medium	<b>Workaround:</b> Access the FDID Version Report from within the CAIS Reporter Portal UI. Reports containing more than 200,000 FDIDs cannot be downloaded from the UI.  Fix: 9/12/22	Fix: N/A	Reports
16	Open	22044	Intermittent instances of CAIS Data files resulting in an INCOMPLETE_PROCESSING_FAILURE status when the file contains FDID records with associations to more than one customer, and at least one of the associations does not have a populated <i>roleStartDate</i> .	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Data Validation

# CAT Full CAIS Open Issues List – As of 8/31/2022

## Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
17	Open	23004, 23005, 22503, 22525	Instances of rejections being erroneously produced due to database ingest backlog.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Error Repairs and Inconsistencies
18	NEW-Open	N/A	Unable to retrieve the FDID Reconciliation Report.	Code Release	Medium	Fix: 9/12/22	Fix: 9/26/22	Reports
19	NEW-Open	N/A	Intermittent instances where the CAIS data feedback file does not include all the feedback stages in <i>statusHistory</i> .	Code Release	Medium	Fix: TBD	Fix: TBD	Feedback Files

# CAT Full CAIS Recently Closed Issues List

## As of 8/31/2022

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
1								

# CAT CAIS Planned Enhancements – Open

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production/Production Mirror Environments Targeted Release Date	Area
1	Open	N/A	The Update button on a Manual Form Submission is enabled when viewing a previously added record. The button should be disabled until at least one field is updated by the user.	Code Release	Low	Fix: TBD	Fix: TBD	Manual Form Submission
2	Open	N/A	When selecting date values in the Manual Form Submission, the date is not selected when the user first clicks a date. The date is only selected on the second click.	Code Release	Low	Fix: TBD	Fix: TBD	Manual Form Submission
3	Open	N/A	Certain columns are not displayed in the Submission Report by default.	Code Release	Low	Workaround: User may add the columns to their view. Fix: TBD	Fix: TBD	Reporter Portal
4	NEW – Open	N/A	For both TRIG-SELF and TRIG-OTHER inconsistencies, the <i>materialInconsistencies</i> count within the Submission Inconsistencies Feedback File is 1 (e.g., "30003:1"). The count will be updated to 0 for TRIG-SELF inconsistencies and 1+ for TRIG-OTHER inconsistencies.	Code Release	Low	Fix: 9/12/22	Fix: 9/26/22	Feedback Files

# CAT CAIS Planned Enhancements – Recently Closed

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production/Production Mirror Environments Targeted Release Date	Area
1								

# CAT CAIS-

## Planned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date - Prod/Prod Mirror
1	Published	Add a new <i>fdidEndReason</i> value of 'INACTIVE' as option to end FDIDs that have had no CAT-reportable activity events (e.g., MENO, MEOR, MEOT, etc.) associated with the Account in the prior six months. For the purposes of periodic refresh requirements, monthly refresh report excludes any FDID with an <i>fdidEndReason</i> of 'INACTIVE' populated and an <i>fdidEndDate</i> set on or before the date of the report.	3/9/2022	2.0r7	TBD	TBD
2	Open	Update the description of Error Code 22523 – Customer Record rejected because an associated FDID was rejected – to include that the Error Code is also returned in the event the Customer Record is not associated to at least one FDID within the submission file.	TBD	2.0r10	N/A	N/A
3	Open	Update the October 11, 2022 date in the description of the role value of 'AUTH3RD' to be consistent with revised FAQ T7. Specifically, Prior to January 16, 2023, this role may be used when the Industry Member itself has authority to place orders for the Account without prior approval of the account holder(s) and is not the holder of the account. Effective January 16, 2023, the role for the Industry Member must be reported as 'AUTHREP'.	TBD	2.0 r10	N/A	N/A
4	Open	Clarify the description of the customerType value of 'RIC'- Customer is a Registered Investment Company, as defined in the Investment Company Act of 1940 (15 U.S.C. § 80a-3(a)(1)), if maintained in the Industry Member's general customer and account records.	TBD	2.0 r10	N/A	N/A
5	Open	Update the definition of the sentinel file for the Nightly Inconsistencies scans to remove the .bz2 compression. The sentinel file does not contain any significant data and does not require the compression.	TBD	2.0r10	N/A	N/A
6	Open	Clarify that a total of 2,000 Customer Records can currently be associated with an FDID Record. Create additional Error Code for more granularity on this validation, currently feedback provided under Error Code 23999 (Unhandled Exception).	TBD	2.0r10	7/31/2022	8/8/2022
7	Open	Update the Table 17 and Table 18 entries for the file status of COMPLETED_FILE_TIMEOUT to include the status is also returned in the CAIS Data Feedback or TIDS Feedback files in the event the paired file is received but reaches a COMPLETED_INTEGRITY_ERROR state.	TBD	2.0r10	N/A	N/A

\* Planned Technical Specification updates are subject to approval by the CAT NMS Plan Operating Committee.

# CAT CAIS- Planned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date - Prod/Prod Mirror
8	Open	Clarify that the nightly inconsistencies scan feedback for Material Inconsistencies where the Industry Member is Impacted by submissions of another Industry Member is provided to the Impacted Industry Member no later than 8AM ET each processing day.	TBD	2.0 r10	N/A	N/A
9	Open	Remove <i>submissionStatus</i> from Submission Inconsistencies Feedback File.	TBD	2.0 r10	TBD	TBD
10	Open	Remove error code 22066 ( <i>roleStartDate</i> set prior to <i>fdidDate</i> ).	TBD	2.0 r10	7/31/2022	8/8/2022
11	Open	Add warning code 24008 (Data Type Violation within <i>correctionList</i> ) – present in LTID Specification but was not copied over to Full CAIS Specifications.	TBD	2.0 r10	N/A	N/A
12	NEW - Open	Reduce the maximum SFTP file size limit from 100GB to a lower, TBD amount	TBD	2.0 r10	N/A	N/A

\* Planned Technical Specification updates are subject to approval by the CAT NMS Plan Operating Committee.

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# General Announcements and Reminders

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# FINRA CAT Announcements and Reminders

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- CAT CAIS Checkpoint Calls are being held weekly. The next call will be on September 7<sup>th</sup>.
- Connectivity Guides, Reporting Scenarios, Use Cases, and updated FAQs available at [catnmsplan.com](http://catnmsplan.com)

# FINRA CAT Helpdesk

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Questions may be directed to the FINRA CAT Helpdesk at 888-696-3348 or [help@finracat.com](mailto:help@finracat.com)

# How to Ask a Question during Today's Call

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- **For participants using computer audio:**
  - Click the “Raise Hand” button at the bottom of the participants window.
  - A visual prompt will indicate that your line has been unmuted.
- **For participants using phone audio:**
  - Enter \*9 on your phone keypad.
  - An audio prompt will indicate that your line has been unmuted.

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# Appendix A: Industry CAT CAIS LTID Release Update

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# CAIS LTID Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

Production Environment							
	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
Number of Total Submitters	46	55	59	56	49	18	3
Number of Unique Firms	242	516	563	528	482	244	3
Number of Files Received	Total: 287 Reporter Portal: 18 SFTP: 269	Total: 1,044 Reporter Portal: 51 SFTP: 993	Total: 1,145 Reporter Portal: 23 SFTP: 1,122	Total: 995 Reporter Portal: 9 SFTP: 986	Total: 981 Reporter Portal: 37 SFTP: 944	Total: 541 Reporter Portal: 0 SFTP: 541	Total: 3 Reporter Portal: 0 SFTP: 3
Number of Files Rejected	2	4	19	15	13	0	0
File Reject Rate	0.70%	0.38%	1.66%	1.51%	1.33%	0.00%	0.00%

# CAIS LTID Phase Statistics – August 22<sup>nd</sup> – August 28<sup>th</sup>, 2022

## Production Environment

	Monday, 8/22	Tuesday, 8/23	Wednesday, 8/24	Thursday, 8/25	Friday, 8/26	Saturday, 8/27	Sunday, 8/28
Records Accepted	1,267,575	4,294,772	1,413,653	1,123,612	923,312	712,417	457
Records Rejected	16	230	237	185	3,536	187	1
Records Submitted	1,267,591	4,295,002	1,413,890	1,123,797	926,848	712,604	458
Record Rejection Rate	0.00%	0.01%	0.02%	0.02%	0.38%	0.03%	0.22%

# CAT CAIS- Planned LTID Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version
1	Open	Clarify that malformed LTID can be corrected by sending the same FDID with corrected LTID entry - does NOT require <i>correctionAction</i> message	TBD	V1.2.3