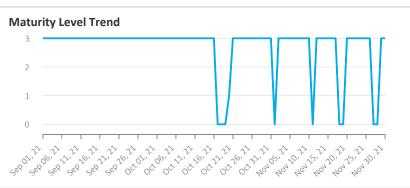
Nasdaq LEI Data Quality Report | November 2021



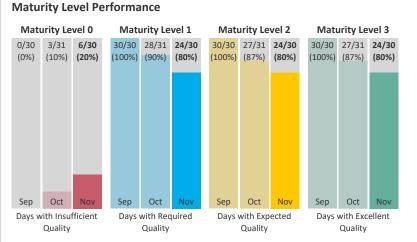
Summary







Details



Top 5 Failing Checks

Check ID	Avg. Number of Check Failures	Maturity Level	Quality Criterion
<u>C000146</u>	<1 (+141.01%)	Required	Validity
<u>N/A</u>	- (-)	-	-
<u>N/A</u>	- (-)	-	-
<u>N/A</u>	- (-)	-	-
<u>N/A</u>	- (-)	-	-

Data Quality World Map



Data Quality Criteria

Quality Criterion (No. of Checks)	Data Quality Score (DQS) Trend (Sep - Nov)	Avg. DQS	Avg. Number of Check Failures
Accessibility (5)		100.00	0 (0.00%)
Accuracy (8)		100.00	0 (0.00%)
Completeness (6)		100.00	0 (0.00%)
Comprehensiveness (6)		100.00	0 (0.00%)
Consistency (17)		100.00	0 (0.00%)
Currency (1)		100.00	0 (0.00%)
Integrity (21)		100.00	0 (0.00%)
Provenance (3)		100.00	0 (0.00%)
Representation (6)		100.00	0 (0.00%)
Uniqueness (5)	V	100.00	0 (0.00%)
Validity (14)		99.99	<1 (<0.01%)

Statistics

Totals	Values
Total LEI Records	739 (+9.16%)
Active Entities Managed	734 (+9.23%)
New Issued LEIs	61 (-25.61%)
Renewed LEIs	16 (+100.00%)
Lapsed LEIs	20 (+400.00%)
Countries	7 (+/-0.00%)
Relationship Information	Values
LEIs with Relationships	30 (+3.45%)
LEIs with Complete Parent Information	726 (+9.34%)
Marked Duplicates	Values
Total LEIs	2 (+/-0.00%)
Total LEIs in Percentage	<1% (-8.40%)
New Marked LEIs	0 (-100.00%)
Challenges	Values
New Challenges	1 (-)
Closed Challenges	0 (+/-0.00%)
Closed Challenges with Update	0 (+/-0.00%)
Avg. Days to Close a Challenge	- (-)
Files	Values
No. of Days per Month with CDF-Compliant File Uploads	30 (+/-0.00%)

DISCLAIMER: All figures of this LEI Data Quality Report are derived from these sources: 1) concatenated source files provided by this LEI Issuer 2) daily Data Quality Reports assigned to this LEI Issuer and 3) challenges managed via GLEIF's Challenge Facility by this LEI Issuer. The sources mentioned in 1) to 3) relate to the reporting period in scope. The Data Quality Rule Setting used for the generation of this report includes all Data Quality Checks corresponding version(s) that have been effective throughout the reporting period. While every care has been taken in the compilation of this information, GLEIF will not be held responsible for any loss, damage, or inconvenience caused by inaccuracy or error within the LEI Data Quality Report. The text and graphic content of the LEI Data Quality Report may be used, printed, and distributed ONLY with the copyright information displayed (© Copyright Global Legal Entity Identifier Foundation (GLEIF)).