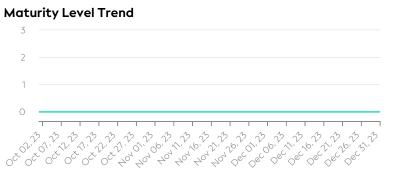
Bloomberg

Data Quality Report | December 2023

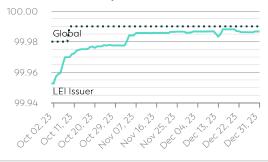


Summary





Total Data Quality Score Trend



Details

Maturity Level Performance

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Maturity Level 0			Maturity Level 1			Maturity Level 2			Maturity Level 3			
31/31	30/30	31/31	0/31	0/30	0/31	0/31	0/30	0/31	0/31	0/30	0/31	
(100%)	(100%)	(100%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	
Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec	Oct	Nov	Dec	
Days with Insufficient		Days with Required		Days with Expected		Days with Excellent						
Quality		Quality		Quality		Quality						

Top 5 Failing Checks

Check ID	Avg. Number of Check Failures	Maturity Level	Quality Criterion
C000256	176 (-9.74%)	Required	Integrity
<u>C000366</u>	171 (-14.50%)	Required	Consistency
C000384	121 (-10.37%)	Excellent	Integrity
C000255	59 (+/-0.00%)	Required	Validity
<u>C000382</u>	53 (-15.87%)	Excellent	Validity

Data Quality World Map



Data Quality Criteria

Quality Criterion (No. of Checks)	Data Quality Score (DQS) Trend (Oct - Dec)	Avg. DQS	Avg. Number of Check Failures
Accessibility (11)		99.99	2 (<0.01%)
Accuracy (12)		99.99	13 (<0.01%)
Completeness (9)		99.99	4 (<0.01%)
Comprehensiveness	(10)	99.99	5 (<0.01%)
Consistency (23)		99.97	303 (<0.01%)
Currency (1)		100.00	0 (0.00%)
Integrity (23)		99.85	328 (<0.01%)
Provenance (10)		99.99	2 (<0.01%)
Representation (7)		99.95	7 (<0.01%)
Timeliness (2)		100.00	0 (0.00%)
Uniqueness (7)		99.98	19 (<0.01%)
Validity (27)		99.85	114 (<0.01%)

Statistics

Totals	Values
Total LEI Records	430,043 (+0.78%)
Active Entities Managed	418,902 (+0.77%)
New Issued LEIs	2,835 (+13.26%)
Renewed LEIs	13,802 (-6.26%)
Lapsed LEIs	233,407 (+1.89%)
Countries	213 (+/-0.00%)
LEIs with	Values
Parent Relationships	25,746 (+0.49%)
Complete Parent Information	366,783 (+0.97%)
Fund Relationships	36,292 (+1.64%)
Marked Duplicates	Values
Total LEIs	1,703 (+0.18%)
Total LEIs in Percentage	<1% (-0.60%)
New Marked LEIs	3 (-86.96%)
Challenges	Values
New Challenges	342 (-15.76%)
Closed Challenges	127 (-78.55%)
Closed Challenges with Update	105 (-78.26%)
Avg. Days to Close a Challenge	19 (+5.14%)
Files	Values
No. of Days per Month with CDF-Compliant File Uploads	28 (-9.68%)

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 Global Legal Entity Identifier Foundation (GLEIF)).