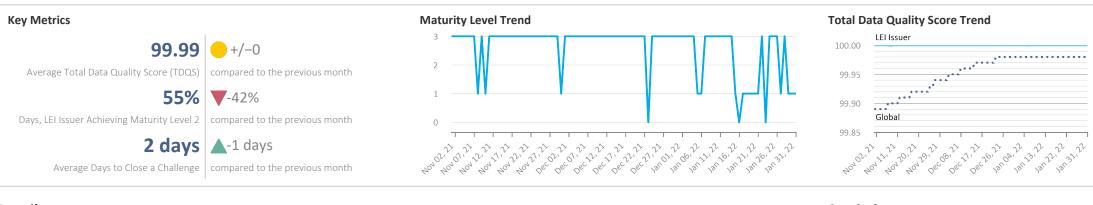
Bloomberg Data Quality Report | January 2022

Summary



Details

Maturity Level Performance Maturity Level 0 Maturity Level 1 Maturity Level 2 **Maturity Level 3** 1/31 2/31 30/30 30/31 29/31 27/30 30/31 17/31 27/30 30/31 17/31 (0%) (3%) (6%) (100%) (97%) (94%) (97%) (55%) (90%) (97%) (55%) Dec Dec Dec Dec Nov Nov Days with Insufficient Days with Required Days with Expected Days with Excellent Quality Quality Quality

Top 5 Failing Checks

Check ID	Avg. Number of Check Failures	Maturity Level	Quality Criterion
C000180	<1 (-)	Expected	Uniqueness
<u>C000243</u>	<1 (-)	Expected	Completeness
C000146	<1 (+99.69%)	Required	Validity
C000247	<1 (-)	Expected	Consistency
C000253	<1 (-)	Expected	Consistency

Data Quality World Map



Data Quality Criteria

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

Statistics

Totals	Values	
Total LEI Records	150,255 (+1.30%)	
Active Entities Managed	148,681 (+1.28%)	
New Issued LEIs	1,926 (-30.62%)	
Renewed LEIs	7,620 (-10.77%)	
Lapsed LEIs	47,081 (+2.74%)	
Countries	208 (+/-0.00%)	
Relationship Information	Values	
LEIs with Relationships	10,691 (+0.45%)	
LEIs with Complete Parent Information	148,008 (+1.31%)	
Marked Duplicates	Values	
Total LEIs	163 (+2.52%)	
Total LEIs in Percentage	<1% (+1.21%)	
New Marked LEIs	4 (-33.33%)	
Challenges	Values	
New Challenges	27 (-3.57%)	
Closed Challenges	30 (+20.00%)	
Closed Challenges with Update	15 (+7.14%)	
Avg. Days to Close a Challenge	2 (-10.08%)	
Files	Values	
No. of Days per Month with CDF-Compliant File Uploads	31 (+/-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 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)).