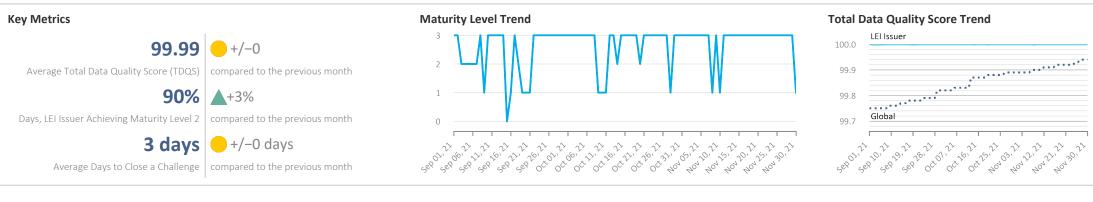
Bloomberg

Data Quality Report | November 2021



Summary



Details

Maturity Level Performance Maturity Level 0 Maturity Level 1 Maturity Level 2 **Maturity Level 3** 0/31 0/30 29/30 31/31 30/30 24/30 27/31 27/30 18/30 25/31 27/30 (3%) (0%)(0%) (97%) (100%) (100%) (80%) (87%) **(90%)** (60%) (81%) (90%) Oct Oct Sep Oct Oct Nov Sep 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 (+416.53%)	Expected	Uniqueness	
C000289	<1 (-)	Expected	Completeness	
C000291	<1 (-)	Expected	Consistency	
N/A	- (-)	-	-	
N/A	- (-)	-	-	

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)		99.99	<1 (<0.01%)
Comprehensiveness (6)	V	100.00	0 (0.00%)
Consistency (17)	VV 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)	V	100.00	0 (0.00%)
Uniqueness (5)		99.99	<1 (<0.01%)
Validity (14)		100.00	0 (0.00%)

Statistics

Values	Totals		
145,470 (+1.52%)	Total LEI Records		
143,968 (+1.51%)	Active Entities Managed		
2,226 (-14.22%)	New Issued LEIs		
8,055 (-8.56%)	Renewed LEIs		
44,596 (+2.50%)	Lapsed LEIs		
208 (+0.48%)	Countries 208 (+0.489		
Values	Relationship Information		
10,673 (-0.06%)	LEIs with Relationships		
143,274 (+1.53%)	LEIs with Complete Parent Information		
Values	Marked Duplicates		
153 (+0.66%)	Total LEIs		
<1% (-0.85%)	Total LEIs in Percentage		
1 (-80.00%)	New Marked LEIs		
Values	Challenges		
37 (-15.91%)	New Challenges		
36 (-20.00%)	Closed Challenges		
23 (-8.00%)	Closed Challenges with Update		
3 (-8.28%)	Avg. Days to Close a Challenge		
Values	Files		
22 (-26.67%)	No. of Days per Month with CDF-Compliant File Uploads		
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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 flobal Legal Entity Identifier Foundation (GLEIF)).