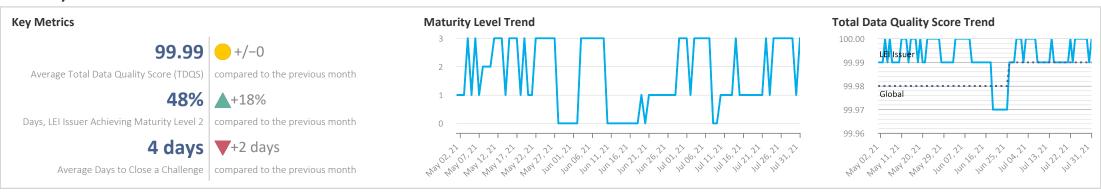
Bloomberg Data Quality Report | July 2021

GLOBAL LEGAL ENTITY IDENTIFIER FOUNDATION

Summary



Details

Maturity Level Performance Maturity Level 1 Maturity Level 0 Maturity Level 2 **Maturity Level 3** 4/31 12/30 **2/31** 27/31 18/30 29/31 18/31 9/30 **15/31** 15/31 9/30 **15/31** (13%) (40%) (6%) (87%)(60%) (94%) (58%) (30%) (48%) (48%) (30%) (48%) May May Jun May Jun Jun 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
C000257	8 (>+1,000%)	Expected	Uniqueness
<u>C000258</u>	3 (-)	Expected	Uniqueness
C000303	<1 (-)	Required	Validity
C000243	<1 (-99.50%)	Expected	Completeness
<u>C000289</u>	<1 (+21.01%)	Expected	Completeness

Data Quality World Map



Data Quality Criteria

Quality Criterion (No. of Checks)	Data Quality Score (DQS) Trend (May - Jul)	Avg. DQS	Avg. Number of Check Failures
Accessibility (0)		-	- (-)
Accuracy (4)	$\overline{\hspace{1cm}}$	100.00	0 (0.00%)
Completeness (5)		99.99	<1 (<0.01%)
Comprehensiveness (2)	V	99.99	<1 (<0.01%)
Consistency (18)		99.99	<1 (<0.01%)
Currency (1)		100.00	0 (0.00%)
Integrity (21)		100.00	0 (0.00%)
Provenance (1)	V	100.00	0 (0.00%)
Representation (2)		100.00	0 (0.00%)
Uniqueness (5)	V	99.95	11 (<0.01%)
Validity (12)	√	99.99	<1 (<0.01%)

Statistics

Totals	Values
Total LEI Records	136,521 (+1.64%)
Active Entities Managed	135,170 (+1.63%)
New Issued LEIs	2,137 (-5.61%)
Renewed LEIs	5,201 (+12.94%)
Lapsed LEIs	40,300 (+1.82%)
Countries	207 (+/-0.00%
Relationship Information	Values
LEIs with Relationships	10,553 (+0.79%)
LEIs with Complete Parent Information	134,439 (+1.69%
Marked Duplicates	Values
Total LEIs	141 (+11.02%
Total LEIs in Percentage	<1% (+9.20%
New Marked LEIs	14 (+600.00%
Challenges	Value
New Challenges	72 (+60.00%
Closed Challenges	48 (+/-0.00%
Closed Challenges with Update	34 (-2.86%
Avg. Days to Close a Challenge	4 (+100.00%
Files	Value
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 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)).