# Bloomberg

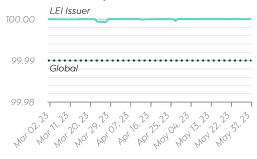
Data Quality Report | May 2023







# Total Data Quality Score Trend

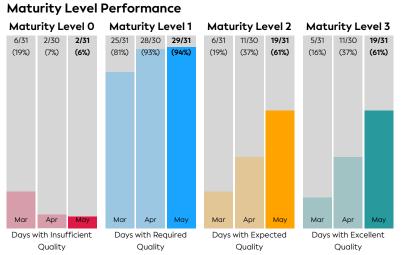


GLEIF

Enabling global identity

Protecting digital trust

### Details



#### **Top 5 Failing Checks**

Check ID	Avg. Number of Check Failures	Maturity Level	Quality Criterion
<u>C000180</u>	<1 (-83.87%)	Expected	Uniqueness
C000247	<1 (-79.84%)	Expected	Consistency
C000253	<1 (-)	Expected	Consistency
C000366	<1 (+93.69%)	Required	Consistency
<u>N/A</u>	- (-)	-	-

#### Data Quality World Map



#### Data Quality Criteria

Quality Criterion (No. of Checks)	Data Quality Score (DQS) Trend (Mar - May)	Avg. DQS	Avg. Number of Check Failures
Accessibility (10)		100.00	0 (0.00%)
Accuracy (9)		100.00	0 (0.00%)
Completeness (7)		100.00	0 (0.00%)
Comprehensiveness	(8)	100.00	0 (0.00%)
Consistency (21)		99.99	<1 (<0.01%)
Currency (1)		100.00	0 (0.00%)
Integrity (19)		100.00	0 (0.00%)
Provenance (9)		100.00	0 (0.00%)
Representation (6)		100.00	0 (0.00%)
Timeliness (2)		100.00	0 (0.00%)
Uniqueness (6)		99.99	<1 (<0.01%)
Validity (19)		100.00	0 (0.00%)

## Statistics

TotalsValuesTotal LEI Records181,514 (+1.23%)Active Entities Managed179,387 (+1.23%)New Issued LEIs1,832 (+1.78%)Renewed LEIs7,252 (+8.38%)Lapsed LEIs69,624 (+1.66%)Countries209 (+/-0.00%)LEIs withValuesParent Relationships11,004 (-0.48%)Complete Parent Information181,381 (+1.22%)Fund Relationships13,368 (+2.99%)Marked DuplicatesValuesTotal LEIs in Percentage<1% (+0.38%)New Marked LEIs3 (+/-0.00%)Challenges45 (-4.26%)Closed Challenges with Update25 (+31.58%)Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with CDF-Compliant File Uploads31 (+/-0.00%)		
Active Entities Managed179,387 (+1.23%)Active Entities Managed179,387 (+1.23%)New Issued LEIs1,832 (+1.78%)Renewed LEIs7,252 (+8.38%)Lapsed LEIs69,624 (+1.66%)Countries209 (+/-0.00%)LEIs withValuesParent Relationships11,004 (-0.48%)Complete Parent Information181,381 (+1.22%)Fund Relationships13,368 (+2.99%)Marked DuplicatesValuesTotal LEIs192 (+1.59%)Total LEIs in Percentage<1% (+0.38%)New Marked LEIs3 (+/-0.00%)ChallengesValuesNew Challenges45 (-4.26%)Closed Challenges with Update25 (+31.58%)Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with31 (+/-0.00%)	Totals	Values
New Issued LEIs     1,832 (+1.78%)       Renewed LEIs     7,252 (+8.38%)       Lapsed LEIs     69,624 (+1.66%)       Countries     209 (+/-0.00%)       LEIs with     Values       Parent Relationships     11,004 (-0.48%)       Complete Parent Information     181,381 (+1.22%)       Fund Relationships     13,368 (+2.99%)       Marked Duplicates     Values       Total LEIs     192 (+1.59%)       Total LEIs in Percentage     <1% (+0.38%)	Total LEI Records	181,514 (+1.23%)
Renewed LEIs7,252 (+8.38%)Lapsed LEIs69,624 (+1.66%)Countries209 (+/-0.00%)LEIs withValuesParent Relationships11,004 (-0.48%)Complete Parent Information181,381 (+1.22%)Fund Relationships13,368 (+2.99%)Marked DuplicatesValuesTotal LEIs192 (+1.59%)Total LEIs in Percentage<1% (+0.38%)	Active Entities Managed	179,387 (+1.23%)
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Countries209 (+/-0.00%)LEIs withValuesParent Relationships11,004 (-0.48%)Complete Parent Information181,381 (+1.22%)Fund Relationships13,368 (+2.99%)Marked DuplicatesValuesTotal LEIs192 (+1.59%)Total LEIs in Percentage<1% (+0.38%)	Renewed LEIs	7,252 (+8.38%)
LEIs withValuesParent Relationships11,004 (-0.48%)Complete Parent Information181,381 (+1.22%)Fund Relationships13,368 (+2.99%)Marked DuplicatesValuesTotal LEIs192 (+1.59%)Total LEIs in Percentage<1% (+0.38%)	Lapsed LEIs	69,624 (+1.66%)
Parent Relationships11,004 (-0.48%)Complete Parent Information181,381 (+1.22%)Fund Relationships13,368 (+2.99%)Marked DuplicatesValuesTotal LEIs192 (+1.59%)Total LEIs in Percentage<1% (+0.38%)	Countries	209 (+/-0.00%)
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Marked DuplicatesValuesTotal LEIs192 (+1.59%)Total LEIs in Percentage<1% (+0.38%)	Complete Parent Information	181,381 (+1.22%)
Total LEIs192 (+1.59%)Total LEIs in Percentage<1% (+0.38%)	Fund Relationships	13,368 (+2.99%)
Total LEIs in Percentage<1% (+0.38%)	Marked Duplicates	Values
New Marked LEIs3 (+/-0.00%)ChallengesValuesNew Challenges45 (-4.26%)Closed Challenges51 (+10.87%)Closed Challenges with Update25 (+31.58%)Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with31 (+/-0.00%)	Total LEIs	192 (+1.59%)
ChallengesValuesNew Challenges45 (-4.26%)Closed Challenges51 (+10.87%)Closed Challenges with Update25 (+31.58%)Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with31 (+/-0.00%)	Total LEIs in Percentage	<1% (+0.38%)
New Challenges45 (-4.26%)Closed Challenges51 (+10.87%)Closed Challenges with Update25 (+31.58%)Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with31 (+/-0.00%)	New Marked LEIs	3 (+/-0.00%)
Closed Challenges51 (+10.87%)Closed Challenges with Update25 (+31.58%)Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with31 (+/-0.00%)	Challenges	Values
Closed Challenges with Update25 (+31.58%)Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with31 (+/-0.00%)	New Challenges	45 (-4.26%)
Avg. Days to Close a Challenge10 (+60.88%)FilesValuesNo. of Days per Month with31 (+/-0.00%)	Closed Challenges	51 (+10.87%)
Files Values   No. of Days per Month with 31 (+/-0.00%)	Closed Challenges with Update	25 (+31.58%)
No. of Days per Month with 31 (+/-0.00%)	Avg. Days to Close a Challenge	10 (+60.88%)
5 + (+/-())(0)	Files	Values
	<i>i i</i>	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 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)).