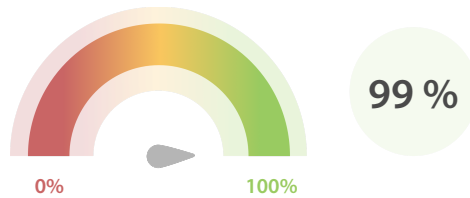


### Data Quality Scores

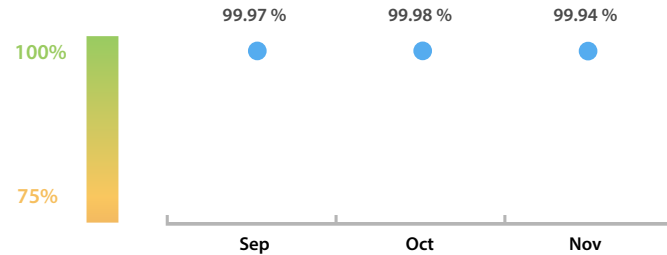
#### LEI Issuer Total Data Quality Score

The LEI Issuer Total Data Quality Score is calculated as the equal weighted average of the 8 'Data Quality Criteria'.

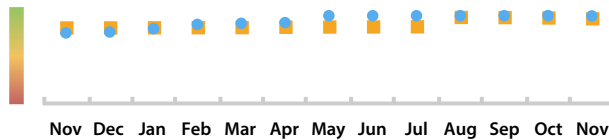


#### LEI Issuer Total Data Quality Score Trend

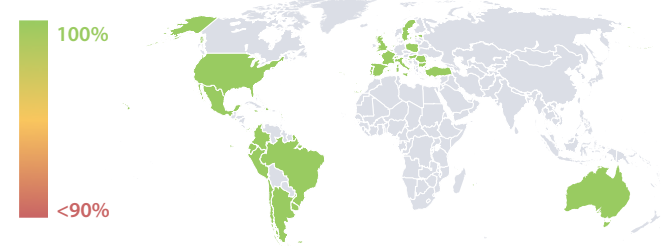
Progress achieved with regard to the continuous optimization of the data quality based on the LEI Issuer Total Data Quality Score.



#### LEI Issuer Data Quality (●) against LEI Pool Average (■)



#### Data Quality in Covered Countries



#### Data Quality Criteria

	Nov	Oct	# Checks	# Failed Records
Accuracy	100.00 %	100.00 %	7	0 (0 %)
Completeness	99.95 %	99.89 %	1	18 (0.04 %)
Comprehensiveness	100.00 %	100.00 %	2	0 (0 %)
Consistency	99.77 %	N/A	16	1,333 (3.55 %)
Currency	100.00 %	N/A	1	0 (0 %)
Integrity	100.00 %	100.00 %	15	0 (0 %)
Uniqueness	99.98 %	100.00 %	1	4 (0.01 %)
Validity	99.81 %	100.00 %	15	685 (1.82 %)

The Data Quality criteria is expected to contain 12 dimensions. Currently a subset of 8 criteria is implemented, to the detriment of the score, as they are averaged on all of them. This is expected to change, on a nonfixed timeline, to include all 12 dimensions.

#### Top 5 Failing Checks

	# Failed Records	Check description
<a href="#">C000260</a>	934	RelationshipPeriods with PeriodType RELATIONSH...
<a href="#">C000266</a>	620	then RelationshipPeriods with PeriodType of ACCO...
<a href="#">C000267</a>	442	a RelationshipPeriod with PeriodType ACCOUNTI...
<a href="#">C000245</a>	397	LEI has exactly one record for ultimate parent and ...
<a href="#">C000243</a>	18	this LEI must not have any parent RR record and m...

### Quality Maturity Level



### Statistics

Totals	Values
Managed LEIs	37,531 (+43.23 %)
Active entities managed	37,375 (+43.47 %)
Inactive entities managed	156 (+1.29 %)
Covered countries	36 (+9.09 %)
New lapsed LEIs *	130 (N/A)
Level 2 Info	Values
LEIs with LEI parent relationships	1,002 (N/A)
LEIs with complete parent information	23,741 (N/A)
Duplicates	Values
Total LEIs marked as duplicate **	65 (N/A)
Duplicate percentage of managed LEIs	< 1 % (N/A)
Challenges	Values
Challenges this month	11 (-38.88 %)
Duplicates found this month	0 (-100.00 %)
Updates to entity information this month	0 (N/A)
Files	Values
No. of days per month with CDF-compliant file uploads	30 / 30 (+/-0 %)

\* Please see our Business Report [www.gleif.org/business-reports](http://www.gleif.org/business-reports) for detailed information around lapsed LEIs.

\*\* RegistrationStatus = DUPLICATE