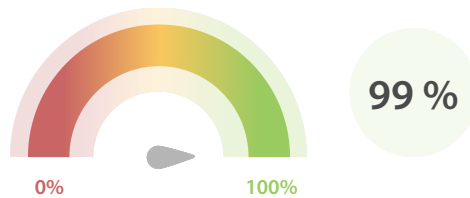


### Data Quality Scores

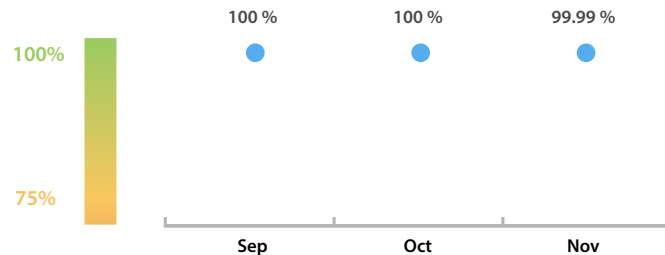
#### LEI Issuer Total Data Quality Score

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

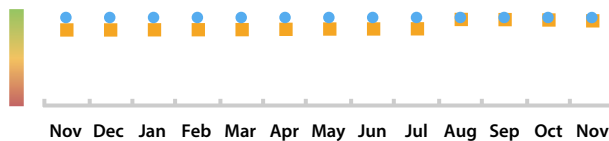


#### LEI Issuer Total Data Quality Score Trend

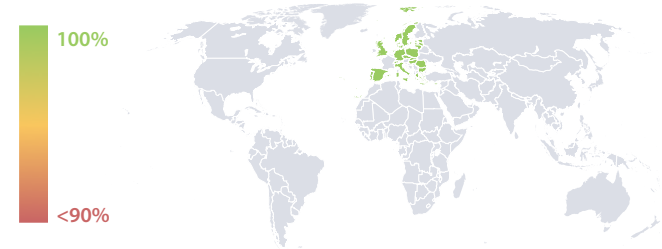
Progress achieved with regard to the continuous optimization of the data quality based on the LEI Issuer Total Data Quality Score.



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



#### Data Quality in Covered Countries



#### Data Quality Criteria

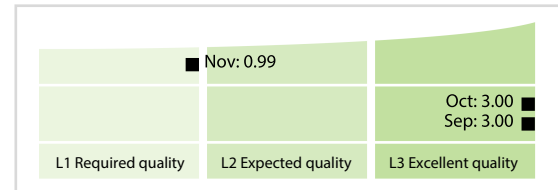
	Nov	Oct	# Checks	# Failed Records
Accuracy	99.99 %	100.00 %	7	2 (0.01 %)
Completeness	99.97 %	100.00 %	1	3 (0.02 %)
Comprehensiveness	100.00 %	100.00 %	2	0 (0 %)
Consistency	100.00 %	N/A	16	0 (0 %)
Currency	100.00 %	N/A	1	0 (0 %)
Integrity	100.00 %	100.00 %	15	0 (0 %)
Uniqueness	100.00 %	100.00 %	1	0 (0 %)
Validity	99.99 %	100.00 %	15	2 (0.01 %)

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
3	this LEI must not have any parent RR record and m...
2	the relationship's RegistrationStatus is either PUBL...
2	LegalAddress/Region is an ISO 3166-2 country sub...
N/A	N/A
N/A	N/A

### Quality Maturity Level



### Statistics

Totals	Values
Managed LEIs	11,476 (+11.66 %)
Active entities managed	11,418 (+11.72 %)
Inactive entities managed	58 (+1.75 %)
Covered countries	24 (+/-0 %)
New lapsed LEIs *	57 (N/A)
Level 2 Info	Values
LEIs with LEI parent relationships	273 (N/A)
LEIs with complete parent information	5,357 (N/A)
Duplicates	Values
Total LEIs marked as duplicate **	9 (N/A)
Duplicate percentage of managed LEIs	< 1 % (N/A)
Challenges	Values
Challenges this month	3 (> 1000 %)
Duplicates found this month	0 (+/-0 %)
Updates to entity information this month	1 (N/A)
Files	Values
No. of days per month with CDF-compliant file uploads	26 / 30 (-13.33 %)

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

\*\* RegistrationStatus = DUPLICATE