# GMEI Utility a service of BED B.V. | Data Quality Report | December 2018
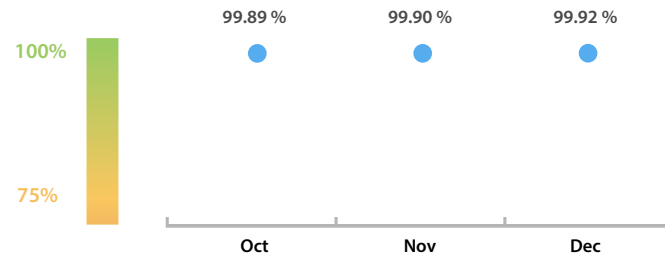
## Data Quality Scores

### LEI Issuer Total Data Quality Score

The LEI Issuer Total Data Quality Score is calculated as the equal weighted average of the 11 'Data Quality Criteria'.



**99 %**

0%    100%

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



Dec  Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep  Oct  Nov  Dec

### Data Quality in Covered Countries

100%



<90%

### Top 5 Failing Checks

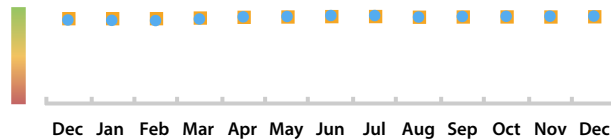| | # Failed Records | Check description |
|---|---|---|
| C000291 | 8,266 | If the ultimate parent is public: The ultimate par... |
| C000146 | 7,844 | NextRenewalDate >= ContentDate and NextRen... |
| C000276 | 2,552 | RegistrationAuthorityEntityID is in an expected f... |
| C000282 | 1,706 | The Legal Form in the name, matches the ELF C... |
| C000243 | 547 | This LEI must not have any parent RR record in R... |

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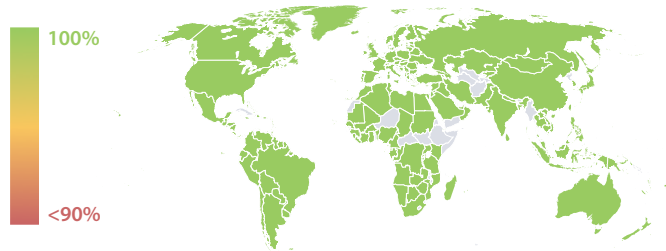
Progress achieved with regard to the continuous optimization of the data quality based on the LEI Issuer Total Data Quality Score.



| | 99.89 % | 99.90 % | 99.92 % |
|---|---|---|---|
| 100% | | | |
| 75% | | | |
| | Oct | Nov | Dec |

### Data Quality Criteria

| | Dec | Nov | # Checks | # Failed Records |
|---|---|---|---|---|
| Accessibility | 100.00 % | 99.93 % | 1 | 0 (0 %) |
| Accuracy | 100.00 % | 99.73 % | 8 | 0 (0 %) |
| Completeness | 99.95 % | 99.96 % | 3 | 567 (0.13 %) |
| Comprehensiveness | 100.00 % | 100.00 % | 2 | 0 (0 %) |
| Consistency | 99.90 % | 99.88 % | 21 | 8,269 (1.97 %) |
| Currency | 99.98 % | 99.98 % | 1 | 67 (0.01 %) |
| Integrity | 99.99 % | 99.99 % | 18 | 3 (< 0.01 %) |
| Provenance | 99.49 % | 99.48 % | 2 | 4,256 (1.01 %) |
| Representation | 100.00 % | 100.00 % | 2 | 0 (0 %) |
| Uniqueness | 99.99 % | 99.99 % | 2 | 13 (< 0.01 %) |
| Validity | 99.87 % | 99.96 % | 15 | 7,870 (1.88 %) |

The Data Quality criteria is expected to contain 12 dimensions. Currently a subset of 11 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.

## Quality Maturity Level



| | | |
|---|---|---|
| | ■ Dec: 0.99 | |
| | ■ Nov: 0.99 ■ Oct: 0.99 | |
| L1 Required quality | L2 Expected quality | L3 Excellent quality |

## Statistics

| Totals | Values |
|---|---|
| Managed LEIs | 417,880 (+0.96 %) |
| Active entities managed | 411,284 (+0.95 %) |
| Inactive entities managed | 6,596 (+1.33 %) |
| Covered countries | 204 (+/-0 %) |
| New lapsed LEIs * | 15,816 (> 100 %) |

| Level 2 Info | Values |
|---|---|
| LEIs with LEI parent relationships | 36,904 (+2.36 %) |
| LEIs with complete parent information | 308,665 (+1.74 %) |

| Duplicates | Values |
|---|---|
| Total LEIs marked as duplicate ** | 2,110 (+15.61 %) |
| Duplicate percentage of managed LEIs | < 1 % (+14.51 %) |

| Challenges | Values |
|---|---|
| Challenges this month | 87 (-24.34 %) |
| Duplicates found this month | 16 (-30.43 %) |
| Updates to entity information this month | 47 (+42.42 %) |

| Files | Values |
|---|---|
| No. of days per month with CDF-compliant file uploads | 31 / 31 (+/-0 %) |

* Please see our Business Report www.gleif.org/business-reports for detailed information around lapsed LEIs.

** RegistrationStatus = DUPLICATE