Xerius | Data Quality Report | July 2020

Data Quality Scores

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

LEI Issuer Total Data Quality Score

The 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

<table>
<thead>
<tr>
<th>Check description</th>
<th># Failed Records</th>
<th># Checks</th>
<th># Failed Records</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessibility</td>
<td>100.00 %</td>
<td>1</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>100.00 %</td>
<td>8</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Completeness</td>
<td>100.00 %</td>
<td>3</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>100.00 %</td>
<td>2</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Consistency</td>
<td>99.99 %</td>
<td>21</td>
<td>2 (0.05 %)</td>
</tr>
<tr>
<td>Currency</td>
<td>100.00 %</td>
<td>1</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Integrity</td>
<td>100.00 %</td>
<td>18</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Provenance</td>
<td>100.00 %</td>
<td>1</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Representation</td>
<td>100.00 %</td>
<td>2</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Uniqueness</td>
<td>100.00 %</td>
<td>2</td>
<td>0 (0 %)</td>
</tr>
<tr>
<td>Validity</td>
<td>100.00 %</td>
<td>15</td>
<td>0 (0 %)</td>
</tr>
</tbody>
</table>

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.

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

Quality Maturity Level

Level 2 Info

<table>
<thead>
<tr>
<th>LEIs with LEI parent relationships</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>145 (+0.69 %)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LEIs with complete parent information</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,491 (+1.95 %)</td>
<td></td>
</tr>
</tbody>
</table>

Duplicates

<table>
<thead>
<tr>
<th>Total LEIs marked as duplicate **</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 (+/-0 %)</td>
<td></td>
</tr>
</tbody>
</table>

Challenges

<table>
<thead>
<tr>
<th>Challenges this month</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 (+/-0 %)</td>
<td></td>
</tr>
</tbody>
</table>

Files

<table>
<thead>
<tr>
<th>No. of days per month with CDF-compliant file uploads</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 / 31 (+/-0 %)</td>
<td></td>
</tr>
</tbody>
</table>

DISCLAIMER: All figures of this LEI Data Quality Report are derived from these sources: 1) Global Legal Entity Identifier Foundation (GLEIF) Concatenated end-of-month files for all months mentioned in this report and 2) the Data Quality Reports for the reported month based on the LEI Data Quality Check Specification v2.1.7. 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 as a result of 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)).

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

** RegistrationStatus = DUPLICATE