Nasdaq LEI Data Quality Report | December 2021

Summary

**Key Metrics**

- **Maturity Level Trend**: 99.99% (+/-0) compared to the previous month
- **Days, LEI Issuer Achieving Maturity Level 2**: 32% (-48%) compared to the previous month
- **Average Days to Close a Challenge**: 19 days, N/A compared to the previous month

**Maturity Level Performance**

<table>
<thead>
<tr>
<th>Maturity Level</th>
<th>Days with Insufficient Quality</th>
<th>Days with Required Quality</th>
<th>Days with Expected Quality</th>
<th>Days with Excellent Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maturity Level 0</td>
<td>3/31 (10%)</td>
<td>6/30 (20%)</td>
<td>21/31 (68%)</td>
<td>28/31 (90%)</td>
</tr>
<tr>
<td>Maturity Level 1</td>
<td>28/31 (90%)</td>
<td>24/30 (80%)</td>
<td>10/31 (32%)</td>
<td>27/31 (87%)</td>
</tr>
<tr>
<td>Maturity Level 2</td>
<td>27/31 (87%)</td>
<td>24/30 (80%)</td>
<td>10/31 (32%)</td>
<td>27/31 (87%)</td>
</tr>
<tr>
<td>Maturity Level 3</td>
<td>10/31 (32%)</td>
<td>24/30 (80%)</td>
<td>10/31 (32%)</td>
<td>10/31 (32%)</td>
</tr>
</tbody>
</table>

**Data Quality World Map**

- 100% Accessibility (5)
- 100% Completeness (6)
- 100% Comprehensiveness (6)
- 99.99% Consistency (17)
- 100.00% Currency (1)
- 99.96% Integrity (21)
- 99.99% Provenance (3)
- 99.99% Representation (6)
- 100.00% Uniqueness (5)
- 99.99% Validity (14)

**Top 5 Failing Checks**

<table>
<thead>
<tr>
<th>Check ID</th>
<th>Avg. Number of Check Failures</th>
<th>Maturity Level</th>
<th>Quality Criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td>C000145</td>
<td>&lt;1 (+)</td>
<td>Expected</td>
<td>Accuracy</td>
</tr>
<tr>
<td>C000237</td>
<td>&lt;1 (-)</td>
<td>Required</td>
<td>Integrity</td>
</tr>
<tr>
<td>C000154</td>
<td>&lt;1 (-)</td>
<td>Required</td>
<td>Integrity</td>
</tr>
<tr>
<td>C000245</td>
<td>&lt;1 (-)</td>
<td>Required</td>
<td>Consistency</td>
</tr>
<tr>
<td>C000146</td>
<td>&lt;1 (-3.21%)</td>
<td>Required</td>
<td>Validity</td>
</tr>
</tbody>
</table>

**Data Quality Criteria**

- **Accessibility (5)**: Data Quality Score (DQS) Trend = 100.00; Avg. DQS = 100.00; Avg. Number of Check Failures = 0 (0.00%)
- **Accuracy (8)**: Data Quality Score (DQS) Trend = 99.96; Avg. DQS = 99.96; Avg. Number of Check Failures = <1 (0.01%)
- **Completeness (6)**: Data Quality Score (DQS) Trend = 100.00; Avg. DQS = 100.00; Avg. Number of Check Failures = 0 (0.00%)
- **Comprehensiveness (6)**: Data Quality Score (DQS) Trend = 100.00; Avg. DQS = 100.00; Avg. Number of Check Failures = 0 (0.00%)
- **Consistency (17)**: Data Quality Score (DQS) Trend = 99.99; Avg. DQS = 99.99; Avg. Number of Check Failures = <1 (<0.01%)
- **Currency (1)**: Data Quality Score (DQS) Trend = 100.00; Avg. DQS = 100.00; Avg. Number of Check Failures = 0 (0.00%)
- **Integrity (21)**: Data Quality Score (DQS) Trend = 99.98; Avg. DQS = 99.98; Avg. Number of Check Failures = 1 (<0.01%)
- **Provenance (3)**: Data Quality Score (DQS) Trend = 99.99; Avg. DQS = 99.99; Avg. Number of Check Failures = <1 (<0.01%)
- **Representation (6)**: Data Quality Score (DQS) Trend = 100.00; Avg. DQS = 100.00; Avg. Number of Check Failures = 0 (0.00%)
- **Uniqueness (5)**: Data Quality Score (DQS) Trend = 100.00; Avg. DQS = 100.00; Avg. Number of Check Failures = 0 (0.00%)
- **Validity (14)**: Data Quality Score (DQS) Trend = 99.99; Avg. DQS = 99.99; Avg. Number of Check Failures = <1 (<0.01%)

**Statistics**

**Totals**

- Total LEI Records: 800 (+8.25%)
- Active Entities Managed: 796 (+8.45%)
- New Issued LEIs: 59 (-3.28%)
- Renewed LEIs: 39 (+143.75%)
- Lapsed LEIs: 43 (+115.00%)
- Countries: 7 (+-0.00%)

**Relationship Information**

- LEIs with Relationships: 35 (+16.67%)
- LEIs with Complete Parent Information: 786 (+8.26%)

**Marked Duplicates**

- Total LEIs: 2 (+/-0.00%)
- Total LEIs in Percentage: <1% (-7.61%)
- New Marked LEIs: 0 (+/-0.00%)

**Challenges**

- New Challenges: 0 (-100.00%)
- Closed Challenges: 1 (-)
- Closed Challenges with Update: 1 (-)
- Avg. Days to Close a Challenge: 19 (-)

**Files**

- No. of Days per Month with CDF-Compliant File Uploads: 30 (-3.23%)