Data Quality Program Overview
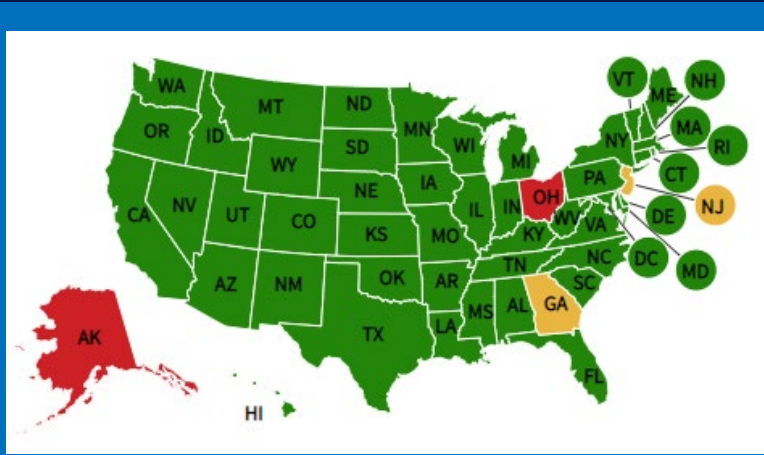
DataQs

FMCSA Data Quality & Systems Training

State Safety Data Quality (SSDQ) – Overview

CRASH MEASURES

Crash Timeliness	Crash VIN Accuracy	Crash Accuracy	Crash Record Completeness	Fatal Crash Completeness	Crash Consistency Indicator
Current Rating ↓	**Current Rating**	**Current Rating** ↓	**Current Rating**	**Current Rating**	**Current Rating** ↓
96%	**98%**	**96%**	**97%**	**117%**	**96%**
● Leading Indicator 97%	● Leading Indicator 97%	● Leading Indicator 75%	● Leading Indicator 94%		● Leading Indicator 72%

INSPECTION MEASURES

Inspection Timeliness	Inspection VIN Accuracy	Inspection Accuracy	Inspection Record Completeness
Current Rating	**Current Rating**	**Current Rating**	**Current Rating**
82%	**99%**	**99%**	**99%**
● Leading Indicator 100%	● Leading Indicator 99%	● Leading Indicator 99%	● Leading Indicator 100%
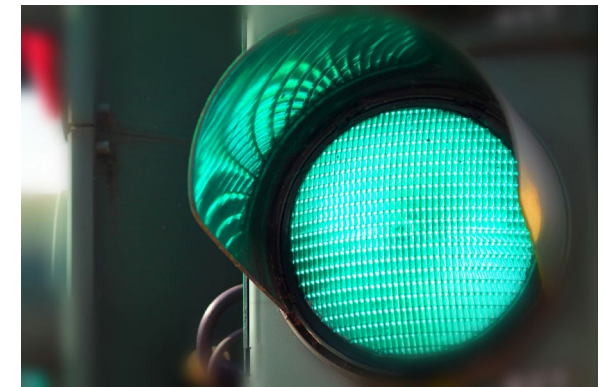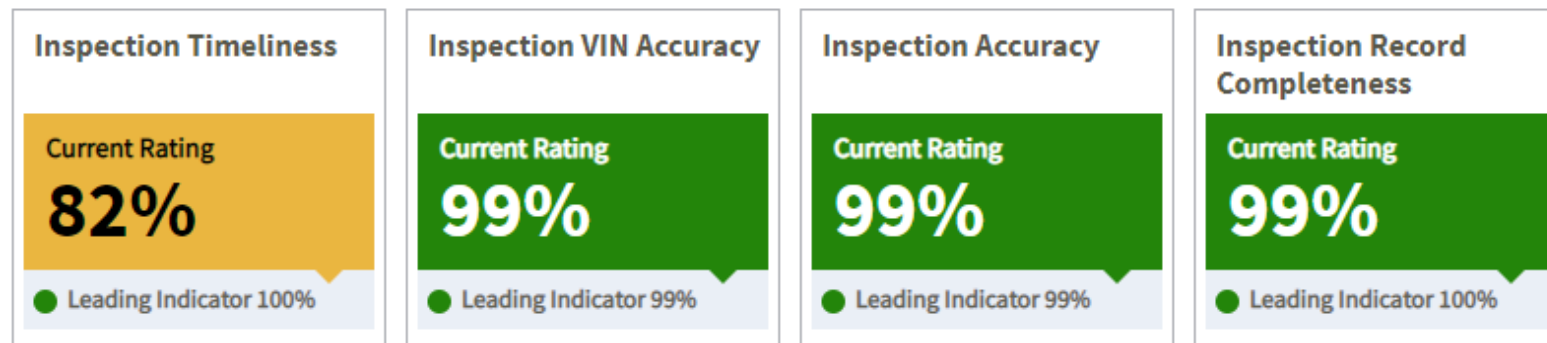
How the SSDQ measures work:

- Measures evaluate 12 months of performance.
- Leading Indicator shows performance of last 3 months.
  - This gives States a chance view performance before it affects the measure, and to make improvements.

SSDQ Measure
- Covers 12 months and rolls forward each month
- Begins 15 months prior to current month

Leading Indicator

| Jan '23	Feb '23	Mar '23	Apr '23	May '23	June '23	July '23	Aug '23	Sept '23	Oct '23	Nov '23	Dec '23

Jan '24	Feb '24	Mar '24	Snapshot Date

Upload Date

Historical SSDQ Improvement

Measures	2004 Rating	2007 Rating	2013 Rating	2022 Rating
Crash Timeliness	69%	80%	90%	91%
Crash Accuracy	87%	87%	98%	98%
Crash Record Completeness – Vehicle	N/A	72%	96%	97%
Crash Record Completeness – Driver	N/A	65%	95%	97%

Updated Crash Thresholds

- **Accuracy**:
  - Current: 85 / 95
  - Preview: **90** / 95
- **VIN Accuracy**
  - Current: 70 / 85
  - Preview: **80 / 90**
- **Record Completeness**
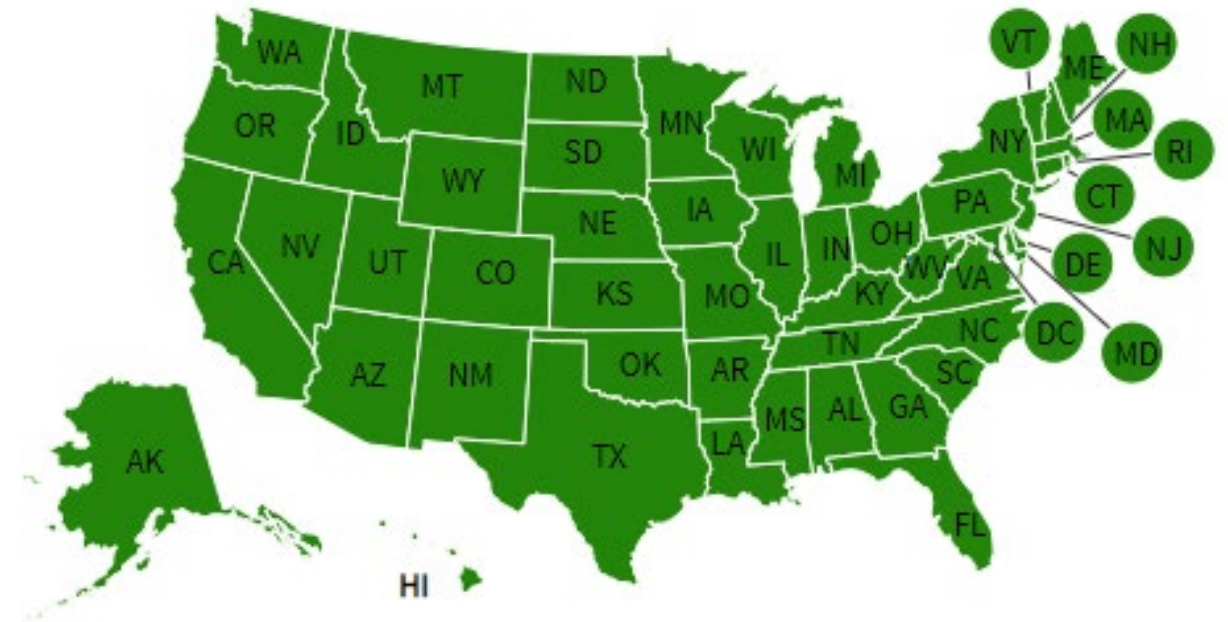 - Current: 70 / 85
  - Preview: **80 / 90**

Current SSDQ Crash Ratings
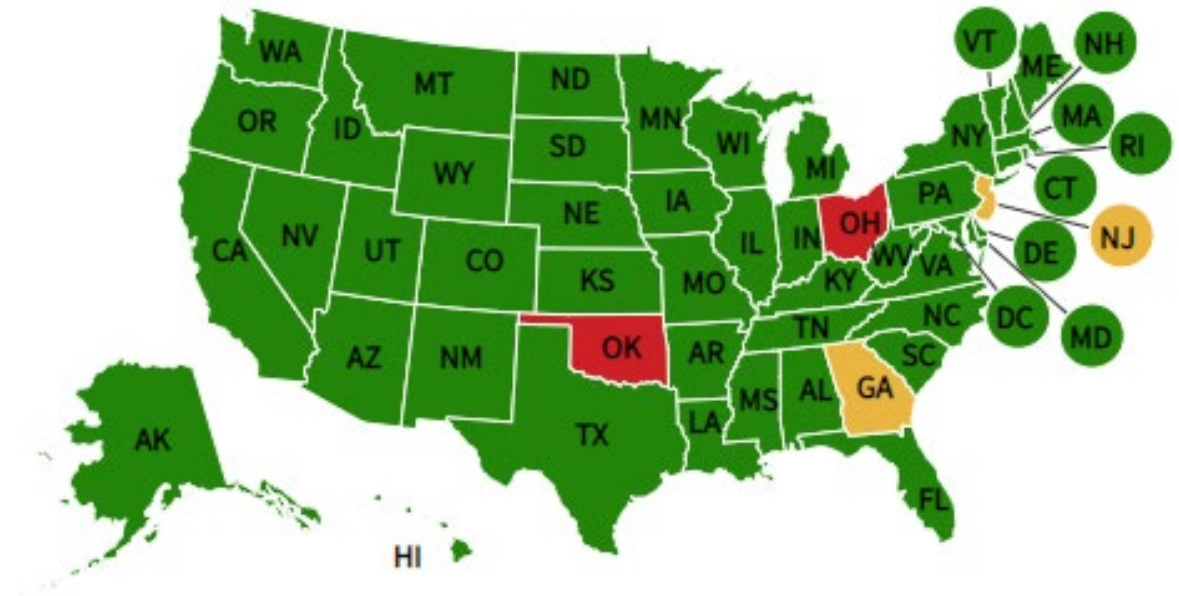
Updated Inspection Thresholds

- ## Accuracy:
  - Current: 85 / 95
  - Preview: **90 / 98**
- ## VIN Accuracy
  - Current: 70 / 85
  - Preview: **85 / 95**
- ## Record Completeness
  - Current: 70 / 85
  - Preview: **85 / 95**

Current SSDQ Inspection Ratings

Crash: Timeliness

Challenges:
- Cannot fix past late records. No flexibility.
- First Responders: Local LEOs vs. State Police
- Serious injury and fatal crashes
- Not all States use eCrash
- Past standard doesn't meet future needs.

Crash Timeliness Changes

Replace current 90% in 90-days reporting requirement with a **45**-day requirement. Lower the red/yellow/green thresholds from 65 / 90 to **50 / 75**.

- Project 9 States to move to be Red in Timeliness, 8 to Yellow based on these changes.

Inspection Timeliness Changes

Replace current 90% in 21-days reporting requirement with a **7**-day requirement. Lower the red/yellow/green thresholds from 65 / 90 to **65 / 85**.

- Project 1 State to move to be Red in Timeliness, 6 to Yellow based on these changes.

Overall Results

- Current SSDQ Methodology (Feb 2023):
  - 47 Good/Green
  - 2 Fair/Yellow
  - 2 Poor/Red
- Preview SSDQ Methodology (Feb 2023):
  - 42 Good/Green
  - 6 Fair/Yellow
  - 3 Poor/Red
- New SSDQ performance measures will be available to public in early 2024.

Contact Information

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