ITD State Data Quality Evaluation Results

OCTOBER | 2024

Contents

ITD State Data Quality Evaluation Results
October 2024

This report presents the results of the October 2024 State Data Quality (DQ) evaluation. It also provides background on the purpose, development, and methodology of the State DQ Measures.

ITD DQ Initiative

Data quality is a top priority of the Federal Motor Carrier Safety Administration (FMCSA) and the Innovative Technology Deployment (ITD) Program. The ITD DQ Improvement Initiative was developed by the ITD Support team at the Volpe National Transportation Systems Center (Volpe), in coordination with an ACCB[1] DQ Working Group, to identify and resolve DQ issues. The ITD Support team developed DQ measures, standards, and evaluation methodologies, which were reviewed and accepted by the ACCB. Since June 2015, the ITD Support team has analyzed and reported monthly DQ results to the ITD community. Monthly reports provide DQ ratings generated by:

- The DQ Performance Measures, which rate the quality of IFTA[2] and IRP[3] credential data uploaded by ITD States to SAFER via the T-19 (IFTA Input Transaction) and the T-22 (IRP Registration Input Transaction).
- The DQ Communication Process, which communicates, and monitors correction of, individual State-reported DQ issues.

Purpose and Evolution of the ITD DQ Measures

The purpose of the ITD DQ Performance Measures is not to be punitive, but to highlight data quality issues and prompt States to investigate causes. The measures were designed to address expectations of the ITD Program as well as issues raised by States during program workshops and ACCB meetings; the design was also informed by the DQ Communication Process. Ongoing discussion is encouraged as the measures evolve with the needs of the Program and the ITD community.

See below for a high-level timeline of the development and modification of the ITD DQ Measures. The appendix to this report provides details.

2015 Implemented measures for IFTA & IRP data	→	2019 Achieved significant improvement	→	2020 Raised the bar for IRP data	→	2021 Raised the bar for IFTA data	→	2022 Raised the bar for IFTA & IRP data

---

[1] ACCB − ITD Architecture Change Control Board.
[2] IFTA − International Fuel Tax Association.
[3] IRP − International Registration Plan.

Overview of DQ Measures – T-19 (IFTA)

The T-19 DQ Measures rate the quality of IFTA data uploaded by IFTA Commercial Vehicle Information Exchange Window (CVIEW)-certified States to FMCSA's Safety and Fitness Electronic Records (SAFER). Every month, five individual measures and an overall measure are calculated for each IFTA CVIEW-certified State, and ratings are reported. For each individual measure, a rating of Good, Fair, or Poor is generated and a rating value is assigned; the Overall T-19 rating is calculated from the individual rating values.

Individual Measures – T-19

The T-19 Individual Measures, calculated ratings, and rating values are defined below.

T-19 Measures and Rating Calculations/Values – Effective December 2021

Measure	Standard	Method / Data Source	Calculation/Ratings	Rating Value
1 Timeliness: Upload Frequency	Daily uploads	Compare number of T-19 uploads per month to the frequency standard (number of business days in evaluated month). Calculate the percentage of upload frequency achieved compared to standard. **Source:** Daily Reports, sending States.	M1 = # uploads / # business days **Good** if M1 % >= 100 **Fair** if 95 <= M1 % <= 99 **Poor** if 0 <= M1 % <= 94	**Good** = 3 **Fair** = 2 **Poor** = 1
2 Completeness: Successful Uploads	Minimal error rate	Calculate the percentage of received T-19 records that were applied to SAFER (not rejected). **Source:** Log files, counts of received vs applied.	M2 = # applied / # received, 0, if # received = 0 **Good** if M2 % = 100 **Fair** if 95 <= M2 % <= 99 **Poor** if 0 <= M2 % <= 94	**Good** = 3 **Fair** = 2 **Poor** = 1
3 Accuracy: Last Update Date Currency	Update date must not be older than existing data	Calculate the percent of total T-19 records that were not rejected with the error "Older than existing data." **Source:** Log files. Counts of error message "Older than existing data."	M3 = 100% - (# rejected_error / # received), 0, if # received = 0 **Good** if M3 % = 100 **Fair** if 98 <= M3 % <= 99 **Poor** if 0 <= M3 % <= 97	**Good** = 3 **Fair** = 2 **Poor** = 1
4 Validity: IFTA Exp. Date./ Status	IFTA account exp. date and status must be aligned	Calculate the percent of active T-19 Interstate records (Active account status) that show valid account (exp. date not expired). **Source:** SAFER database. Query of process time, Interstate flag, IFTA exp. date, IFTA status.	M4 = 100% - (# count / # active), 0, if # active = 0 **Good** if M4 % = 100 **Fair** if 95 <= M4 % <= 99 **Poor** if 0 <= M4 % <= 94	**Good** = 3 **Fair** = 2 **Poor** = 1
5 Baseline Frequency	Annual IRP Baseline (minimum)	**Source:** ITD Support records.	M5 = 2, if exempt M5 = 1, if baseline last 12 mos. M5 = 0, if no baseline last 12 mos.	**Good** = 3 **Poor** = 1

Overall Rating – T-19

The T-19 Overall rating is calculated as shown below.

T-19 Overall Rating Calculation – Effective August 2022

Individual T-19 Rating Values	Measure Weights	Overall Rating Calculation	Overall Rating Ranges
Good = 3 Fair = 2 Poor = 1	M1: Timely Uploads = 15% M2: Completeness = 30% M3: Accuracy = 20% M4: Validity = 30% M5: Timely Baselines = 5%	(M1 Rating Value * 15%) + (M2 Rating Value * 30%) + (M3 Rating Value * 20%) + (M4 Rating Value * 30*) + (M5 Rating Value * 5%) If calculated Overall Rating is <1, = 0	Good: 2.7 – 3.0 Fair: 2.3 – 2.6 Poor: ≤2.2

Overall Ratings – T-19 (IFTA)

All ratings are presented in this report as a rolling three months for comparison purposes. For reference, the chart below shows each State's Core and CVIEW certification status along with its Overall ratings.

State T-19 (IFTA) Overall Ratings August – October 2024

Good: 2.7 – 3.0	Fair: 2.3 – 2.6	Poor: ≤ 2.2

STATE	Core Certified	IFTA CVIEW Certified	August Overall Rating	Sept. Overall Rating	Oct. Overall Rating
AK*	Yes	Yes	n/a	n/a	n/a
AL	Yes	Yes	2.9	3.0	3.0
AR	Yes	Yes	3.0	3.0	3.0
AZ	Yes	Yes	2.4	2.0	2.3
CA	Yes	Yes	3.0	3.0	3.0
CO	Yes	Yes	2.7	2.7	2.7
CT	Yes	Yes	2.7	2.7	3.0
DC	No	No	n/a	n/a	n/a
DE	Yes	Yes	3.0	3.0	3.0
FL	Yes	Yes	3.0	3.0	3.0
GA	Yes	Yes	2.7	2.7	2.7
HI	No	No	n/a	n/a	n/a
IA	Yes	Yes	3.0	3.0	3.0
ID	Yes	Yes	3.0	2.7	2.9
IL	Yes	Yes	2.9	3.0	3.0
IN	Yes	Yes	3.0	3.0	3.0
KS	Yes	Yes	2.7	2.7	3.0
KY	Yes	Yes	3.0	3.0	3.0
LA	Yes	Yes	1.9	3.0	3.0
MA	Yes	Yes	2.9	2.7	3.0
MD	Yes	Yes	3.0	3.0	3.0
ME	Yes	Yes	3.0	3.0	3.0
MI	Yes	Yes	3.0	3.0	3.0
MN	No	Yes	2.9	3.0	3.0
MO	Yes	Yes	3.0	3.0	3.0
MS	Yes	Yes	3.0	2.7	3.0

STATE	Core Certified	IFTA CVIEW Certified	August Overall Rating	Sept. Overall Rating	Oct. Overall Rating
MT	Yes	Yes	3.0	3.0	3.0
NC	Yes	Yes	3.0	3.0	3.0
ND	Yes	Yes	2.1	3.0	3.0
NE	Yes	Yes	3.0	3.0	3.0
NH	Yes	Yes	3.0	3.0	3.0
NJ	Yes	Yes	3.0	3.0	3.0
NM	Yes	Yes	2.2	2.7	2.7
NV	Yes	Yes	3.0	3.0	3.0
NY	Yes	Yes	2.8	2.9	2.9
OH	Yes	Yes	3.0	3.0	2.9
OK	Yes	Yes	3.0	3.0	3.0
OR	Yes	Yes	2.7	3.0	3.0
PA	No	No	n/a	n/a	n/a
RI	Yes	Yes	3.0	3.0	3.0
SC	Yes	Yes	3.0	2.9	3.0
SD	Yes	Yes	3.0	3.0	3.0
TN	Yes	Yes	3.0	3.0	3.0
TX	Yes	Yes	3.0	3.0	3.0
UT	Yes	Yes	2.7	2.7	2.7
VA	Yes	Yes	3.0	3.0	3.0
VT	Yes	Yes	3.0	3.0	3.0
WA	Yes	Yes	3.0	3.0	2.6
WI	Yes	Yes	3.0	2.5	2.5
WV	Yes	Yes	3.0	2.7	2.7
WY	Yes	Yes	3.0	3.0	3.0

*AK is CVIEW Certified but exempt from IFTA uploading.
n/a = Not CVIEW Certified or Insufficient Data.

National Counts of T-19 Overall Rating Ranges August – October 2024

August Overall Rating	IFTA CVIEW Certified	Sept. Overall Rating	IFTA CVIEW Certified	October Overall Rating	IFTA CVIEW Certified
Good	43	Good	45	Good	44
Fair	1	Fair	1	Fair	3
Poor	3	Poor	1	Poor	0
Total	47	Total	47	Total	47

Note: The CVIEW-certified totals in this table might not equal the total count of CVIEW-certified States due to insufficient data for calculating an Overall rating in any month.

Individual Ratings by State – T-19 (IFTA)

M1 Timeliness: Upload Frequency – T-19

Standard: Daily uploads. Upload frequency equals or exceeds number of business days in the evaluated month.
Frequency Standard = 22: October had 23 weekdays, 1 Federal holiday, and no SAFER down days.
Methodology: Compare the number of uploads to the frequency standard; calculate the percentage of the frequency standard achieved by the State.
Source: Daily Reports, 10/1/2024 – 10/31/2024.

Rating Ranges:
- Good: ≥ 100%
- Fair: 95% – 99%
- Poor: ≤ 94%

M1 Timeliness: Upload Frequency – T-19 State Ratings August – October 2024

Good: ≥ 100%	Fair: 95 - 99%	Poor: ≤ 94%

STATE	IFTA CVIEW Certified	August Uploads % of Standard	Sept. Uploads % of Standard	Oct. Uploads % of Standard
AK*	Yes	n/a	n/a	n/a
AL	Yes	127	100	114
AR	Yes	132	135	141
AZ	Yes	100	90	123
CA	Yes	132	145	141
CO	Yes	64	85	91
CT	Yes	73	85	100
DC	No	n/a	n/a	n/a
DE	Yes	109	135	127
FL	Yes	105	100	114
GA	Yes	64	80	91
HI	No	n/a	n/a	n/a
IA	Yes	132	140	141
ID	Yes	100	85	95
IL	Yes	95	105	118
IN	Yes	132	135	136
KS	Yes	82	90	100
KY	Yes	141	150	132
LA	Yes	95	105	105
MA	Yes	95	85	100
MD	Yes	132	145	141
ME	Yes	118	110	141
MI	Yes	136	140	141
MN	Yes	95	105	105
MO	Yes	109	145	114
MS	Yes	100	90	105

STATE	IFTA CVIEW Certified	August Uploads % of Standard	Sept. Uploads % of Standard	Oct. Uploads % of Standard
MT	Yes	136	150	132
NC	Yes	132	145	141
ND	Yes	105	115	141
NE	Yes	100	100	109
NH	Yes	118	120	141
NJ	Yes	127	150	141
NM	Yes	82	65	82
NV	Yes	127	125	141
NY	Yes	95	105	100
OH	Yes	100	100	95
OK	Yes	100	105	114
OR	Yes	105	100	114
PA	No	n/a	n/a	n/a
RI	Yes	132	150	141
SC	Yes	100	95	118
SD	Yes	136	140	141
TN	Yes	132	140	141
TX	Yes	100	105	105
UT	Yes	73	90	86
VA	Yes	132	145	141
VT	Yes	132	150	141
WA	Yes	105	100	59
WI	Yes	100	105	105
WV	Yes	132	90	50
WY	Yes	132	140	141

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

* AK is CVIEW Certified but exempt from IFTA uploading.

M2 Completeness: Successful Uploads – T-19

Standard: Minimal error rate.

Methodology: Calculate the percentage of received T-19 records that were applied to SAFER.
(not rejected).

Source: Error logs, 10/1/2024 – 10/31/2024.

Rating Ranges:
- Good: 100%
- Fair: 95 – 99%
- Poor: ≤ 94%

M2 Completeness: Successful Uploads – T-19 State Ratings August – October 2024

Good: 100%	Fair: 95 - 99%	Poor: ≤ 94%

STATE	IFTA CVIEW Certified	August % Successful Uploads	Sept. % Successful Uploads	Oct. % Successful Uploads
AK*	Yes	n/a	n/a	n/a
AL	Yes	100	100	100
AR	Yes	100	100	100
AZ	Yes	100	100	100
CA	Yes	100	100	100
CO	Yes	100	100	100
CT	Yes	100	100	100
DC	No	n/a	n/a	n/a
DE	Yes	100	100	100
FL	Yes	100	100	100
GA	Yes	100	100	100
HI	No	n/a	n/a	n/a
IA	Yes	100	100	100
ID	Yes	100	100	100
IL	Yes	100	100	100
IN	Yes	100	100	100
KS	Yes	100	100	100
KY	Yes	100	100	100
LA	Yes	86	100	100
MA	Yes	100	100	100
MD	Yes	100	100	100
ME	Yes	100	100	100
MI	Yes	100	100	100
MN	Yes	100	100	100
MO	Yes	100	100	100
MS	Yes	100	100	100
MT	Yes	100	100	100

STATE	IFTA CVIEW Certified	August % Successful Uploads	Sept. % Successful Uploads	Oct. % Successful Uploads
NC	Yes	100	100	100
ND	Yes	92	100	100
NE	Yes	100	100	100
NH	Yes	100	100	100
NJ	Yes	100	100	100
NM	Yes	99	100	100
NV	Yes	100	100	100
NY	Yes	100	100	100
OH	Yes	100	100	100
OK	Yes	100	100	100
OR	Yes	99	100	100
PA	No	n/a	n/a	n/a
RI	Yes	100	100	100
SC	Yes	100	100	100
SD	Yes	100	100	100
TN	Yes	100	100	100
TX	Yes	100	100	100
UT	Yes	100	100	100
VA	Yes	100	100	100
VT	Yes	100	100	100
WA	Yes	100	100	100
WI	Yes	100	98	99
WV	Yes	100	100	100
WY	Yes	100	100	100

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

* AK is CVIEW Certified but exempt from IFTA uploading.

M3 Accuracy: Last Update Date Currency – T-19

Standard: Update date must not be older than existing data.
Methodology: Calculate the percent of total T-19 records that were not rejected with the error "Older than existing data."
Source: Error logs, 10/1/2024 – 10/31/2024.
Rating Ranges:
- Good: 100%
- Fair: 98 – 99%
- Poor: ≤ 97%

M3 Accuracy: Last Update Date Currency – T-19 State Ratings August – October 2024

Good: 100%	Fair: 98 - 99%	Poor: ≤ 97%

STATE	IFTA CVIEW Certified	August % Current	Sept. % Current	Oct. % Current
AK*	Yes	n/a	n/a	n/a
AL	Yes	100	100	100
AR	Yes	100	100	100
AZ	Yes	100	100	100
CA	Yes	100	100	100
CO	Yes	100	100	100
CT	Yes	100	100	100
DC	No	n/a	n/a	n/a
DE	Yes	100	100	100
FL	Yes	100	100	100
GA	Yes	100	100	100
HI	No	n/a	n/a	n/a
IA	Yes	100	100	100
ID	Yes	100	100	100
IL	Yes	100	100	100
IN	Yes	100	100	100
KS	Yes	100	100	100
KY	Yes	100	100	100
LA	Yes	86	100	100
MA	Yes	100	100	100
MD	Yes	100	100	100
ME	Yes	100	100	100
MI	Yes	100	100	100
MN	Yes	100	100	100
MO	Yes	100	100	100
MS	Yes	100	100	100
MT	Yes	100	100	100

STATE	IFTA CVIEW Certified	August % Current	Sept. % Current	Oct. % Current
NC	Yes	100	100	100
ND	Yes	100	100	100
NE	Yes	100	100	100
NH	Yes	100	100	100
NJ	Yes	100	100	100
NM	Yes	99	100	100
NV	Yes	100	100	100
NY	Yes	100	100	100
OH	Yes	100	100	100
OK	Yes	100	100	100
OR	Yes	100	100	100
PA	No	n/a	n/a	n/a
RI	Yes	100	100	100
SC	Yes	100	100	100
SD	Yes	100	100	100
TN	Yes	100	100	100
TX	Yes	100	100	100
UT	Yes	100	100	100
VA	Yes	100	100	100
VT	Yes	100	100	100
WA	Yes	100	100	100
WI	Yes	100	98	99
WV	Yes	100	100	100
WY	Yes	100	100	100

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.
WS = FL uses web service.
* AK is CVIEW Certified but exempt from IFTA uploading.

M4 Validity: IFTA Account and Status – T-19

Standard: IFTA account validity and IFTA status must be aligned.

Methodology: Calculate the percentage of active T-19 Interstate records (IFTA status of Active) that show a valid IFTA account.

Source: SAFER, 11/6/2024. (Query of carrier IFTA status code, account number, and expiration date.)

Rating Ranges:
- Good: 100%
- Fair: 95 – 99%
- Poor: ≤ 94%

M4 Validity: IFTA Account and Status – T-19 State Ratings August – October 2024

Note: As of the **April 2018** evaluation, the T-19 M4 measure allows for a 60-day grace period, which is the IFTA standard; previously, this measure allowed for a 30-day grace period.

Good: 100%	Fair: 95 - 99%	Poor: ≤ 94%

STATE	IFTA CVIEW Certified	August % Aligned	Sept. % Aligned	Oct. % Aligned
AK[1]	Yes	n/a	n/a	n/a
AL	Yes	100	100	100
AR	Yes	100	100	100
AZ	Yes	84	84	85
CA[2]	Yes	100	100	100
CO	Yes	100	100	100
CT	Yes	100	100	100
DC	No	n/a	n/a	n/a
DE	Yes	100	100	100
FL	Yes	100	100	100
GA	Yes	100	100	100
HI	No	n/a	n/a	n/a
IA	Yes	100	100	100
ID	Yes	100	100	100
IL	Yes	100	100	100
IN	Yes	100	100	100
KS	Yes	100	100	100
KY	Yes	100	100	100
LA	Yes	100	100	100
MA	Yes	100	100	100
MD	Yes	100	100	100
ME	Yes	100	100	100
MI	Yes	100	100	100
MN	Yes	100	100	100
MO	Yes	100	100	100
MS	Yes	100	100	100

STATE	IFTA CVIEW Certified	August % Aligned	Sept. % Aligned	Oct. % Aligned
MT	Yes	100	100	100
NC[2]	Yes	100	100	100
ND	Yes	99	100	100
NE	Yes	100	100	100
NH	Yes	100	100	100
NJ	Yes	100	100	100
NM	Yes	100	100	100
NV	Yes	100	100	100
NY	Yes	100	100	100
OH	Yes	100	100	100
OK	Yes	100	100	100
OR	Yes	100	100	100
PA	No	n/a	n/a	n/a
RI	Yes	100	100	100
SC	Yes	100	100	100
SD	Yes	100	100	100
TN	Yes	100	100	100
TX	Yes	100	100	100
UT	Yes	100	100	100
VA	Yes	100	100	100
VT	Yes	100	100	100
WA	Yes	100	100	100
WI	Yes	100	100	100
WV	Yes	100	100	100
WY	Yes	100	100	100

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

[1] AK is CVIEW Certified but exempt from IFTA uploading.

[2] CA and NC IFTA data is sent directly from IFTA clearinghouse.

M5 Timeliness: IFTA Baseline Frequency – T-19

Standard: Annual IFTA baseline (minimum).
Source: ITD Support records.
Rating Ranges:
- **Good:** State conducted an IFTA baseline at least once in the past 12 months.
- **Poor:** State did not conduct a baseline at least once in the past 12 months.

STATE	Nov-24	Dec-24	Jan-25
IN			DUE
NM		DUE	
OR			DUE
RI			DUE
TX			DUE
VT			DUE
WV			DUE

M5 Timeliness: IFTA Baseline Frequency – T-19 State Ratings August – October 2024

Good: Baseline in Last 12 Months	Poor: No Baseline in Last 12 Months	Good: Baseline Due Soon

State	IFTA CVIEW Certified	August Rating	Sept. Rating	Oct. Rating
AK[1]	Yes	n/a	n/a	n/a
AL	Yes	Poor	Good	Good
AR	Yes	Good	Good	Good
AZ	Yes	Good	Poor	Poor
CA[2]	Yes	Good	Good	Good
CO	Yes	Good	Good	Good
CT	Yes	Good	Good	Good
DC	No	n/a	n/a	n/a
DE	Yes	Good	Good	Good
FL	Yes	Good	Good	Good
GA	Yes	Good	Good	Good
HI	No	n/a	n/a	n/a
IA	Yes	Good	Good	Good
ID	Yes	Good	Good	Good
IL	Yes	Good	Good	Good
IN	Yes	Good	Good	Good
KS	Yes	Good	Good	Good
KY	Yes	Good	Good	Good
LA	Yes	Good	Good	Good
MA	Yes	Good	Good	Good
MD	Yes	Good	Good	Good
ME	Yes	Good	Good	Good
MI	Yes	Good	Good	Good
MN	Yes	Good	Good	Good
MO	Yes	Good	Good	Good
MS	Yes	Good	Good	Good

State	IFTA CVIEW Certified	August Rating	Sept. Rating	Oct. Rating
MT	Yes	Good	Good	Good
NC[2]	Yes	Good	Good	Good
ND	Yes	Good	Good	Good
NE	Yes	Good	Good	Good
NH	Yes	Good	Good	Good
NJ	Yes	Good	Good	Good
NM	Yes	Good	Good	Good
NV	Yes	Good	Good	Good
NY	Yes	Poor	Poor	Poor
OH	Yes	Good	Good	Good
OK	Yes	Good	Good	Good
OR	Yes	Good	Good	Good
PA	No	n/a	n/a	n/a
RI	Yes	Good	Good	Good
SC	Yes	Good	Good	Good
SD	Yes	Good	Good	Good
TN	Yes	Good	Good	Good
TX	Yes	Good	Good	Good
UT	Yes	Good	Good	Good
VA	Yes	Good	Good	Good
VT	Yes	Good	Good	Good
WA	Yes	Good	Good	Poor
WI	Yes	Good	Good	Good
WV	Yes	Good	Good	Good
WY	Yes	Good	Good	Good

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.
[1] AK is CVIEW Certified but exempt from IFTA uploading.

[2] CA and NC are exempt from baselining so receive credit for purposes of calculating the Overall rating.

Overview of DQ Measures – T-22 (IRP)

The T-22 DQ Measures rate the quality of IRP data uploaded by IRP CVIEW-certified States to SAFER. Every month, five individual measures and an overall measure are calculated for each IRP CVIEW-certified State, and ratings are reported. For each individual measure, a rating of Good, Fair, or Poor is generated and a rating value is assigned; the Overall rating is calculated from individual rating values.

Individual Measures – T-22

The T-22 Individual Measures, calculated ratings, and rating values are defined below.

ITD Data Quality Measures – T-22 (IRP) – Effective April 2020

Measure	Standard	Method / Data Source	Calculation/Ratings	Rating Value
1 Timeliness: Upload Frequency	Daily uploads	Compare number of T-22 uploads per month to the frequency standard (number of business days in evaluated month). Calculate the percentage of upload frequency achieved compared to standard. **Source:** Daily Reports, sending States.	M1 = # uploads / # business days **Good** if M1 % >= 100 **Fair** if 95 <= M1% <= 99 **Poor** if 0 <= M1 % <= 94	**Good** = 3 **Fair** = 2 **Poor** = 1
2 Completeness: Successful Uploads	Minimal error rate	Calculate the percentage of received T-22 records that were applied to SAFER (not rejected). **Source:** Log files, counts of received vs applied.	M2 = # applied / # received, 0, if # received = 0 **Good** if M2 % = 100 **Fair** if 95 <= M2 % <= 99 **Poor** if 0 <= M2 % <= 94	**Good** = 3 **Fair** = 2 **Poor** = 1
3 Accuracy: Last Update Date Currency	Update date must not be older than existing data	Calculate the percent of total T-22 records that were not rejected with the error "Older than existing data." **Source:** Log files. Counts of error message "Older than existing data."	M3 = 100% - (# rejected_error / # received), 0, if # received = 0 **Good** if M3 % = 100 **Fair** if 98 <= M3 % <= 99 **Poor** if 0 <= M3 % <= 97	**Good** = 3 **Fair** = 2 **Poor** = 1 0, else
4 Validity: Vehicle Reg./IRP Status	Vehicle reg. status and IRP status must be aligned	Calculate the percent of active T-22 Interstate records (Active IRP status) that show valid vehicle registration. **Source:** SAFER database. Query of process time, Interstate flag, reg. status, IRP status.	M4 = 100% - (# count / # active), 0, if # active = 0 **Good** if M4 % = 100 **Fair** if 95 <= M4 % <= 99 **Poor** if 0 <= M4 % <= 94	**Good** = 3 **Fair** = 2 **Poor** = 1
5 Baseline Frequency	Annual IRP Baseline (minimum)	**Source:** ITD Support records.	M5 = 2, if exempt M5 = 1, if baseline in last 12 mos. M5 = 0, if no baseline in last 12 mos. **Good** if M5 = 1 or 2 **Poor** if M5 = 0	**Good** = 3 **Poor** = 1

Overall Measure – T-22

The T-22 Overall rating is calculated as shown below.

T-22 Overall Rating Calculation – Effective August 2022

Individual T-22 Rating Values	Measure Weights	Overall Rating Calculation	Overall Rating Ranges
Good = 3 Fair = 2 Poor = 1	M1: Timely Uploads = 15% M2: Completeness = 30% M3: Accuracy = 20% M4: Validity = 30% M5: Timely Baselines = 5%	(M1 Rating Value * 15%) + (M2 Rating Value * 30%) + (M3 Rating Value * 20%) + (M4 Rating Value * 30*) + (M5 Rating Value * 5%) If calculated Overall Rating is <1, = 0	Good: 2.7 – 3.0 Fair: 2.3 – 2.6 Poor: ≤2.2

Overall Ratings – T-22 (IRP)

All ratings are presented in this report as a rolling three months for comparison purposes. For reference, the chart below shows each State's Core and CVIEW certification status, along with its Overall ratings.

State T-22 (IRP) Overall Ratings August – October 2024

Good: 2.7 – 3.0	Fair: 2.3 – 2.6	Poor: ≤ 2.2

STATE	Core Certified	IRP CVIEW Certified	August Overall Rating	Sept. Overall Rating	Oct. Overall Rating
AK	Yes	Yes	2.7	2.7	3.0
AL	Yes	Yes	2.9	3.0	2.5
AR	Yes	Yes	3.0	3.0	3.0
AZ	Yes	Yes	2.3	2.3	2.3
CA	Yes	Yes	2.7	3.0	2.5
CO	Yes	Yes	2.6	2.7	2.4
CT	Yes	Yes	3.0	3.0	3.0
DC	No	Yes	n/a	n/a	n/a
DE	Yes	Yes	3.0	2.7	3.0
FL	Yes	Yes	2.4	2.4	2.7
GA	Yes	Yes	3.0	3.0	3.0
HI	No	No	n/a	n/a	n/a
IA	Yes	Yes	3.0	3.0	3.0
ID	Yes	Yes	3.0	3.0	3.0
IL	Yes	Yes	3.0	3.0	3.0
IN	Yes	Yes	2.9	2.9	1.9
KS	Yes	Yes	3.0	3.0	3.0
KY	Yes	Yes	3.0	3.0	3.0
LA	Yes	Yes	3.0	2.5	2.3
MA	Yes	Yes	2.7	3.0	3.0
MD	Yes	Yes	3.0	3.0	3.0
ME	Yes	Yes	2.7	3.0	3.0
MI	Yes	Yes	3.0	3.0	3.0
MN	No	Yes	3.0	3.0	3.0
MO	Yes	Yes	2.3	3.0	3.0
MS	Yes	Yes	2.9	2.9	2.9

STATE	Core Certified	IRP CVIEW Certified	August Overall Rating	Sept. Overall Rating	Oct. Overall Rating
MT	Yes	Yes	2.3	3.0	3.0
NC	Yes	Yes	3.0	3.0	3.0
ND†‡	Yes	Yes	2.7	2.2	1.9
NE	Yes	Yes	3.0	3.0	3.0
NH	Yes	Yes	3.0	3.0	3.0
NJ	Yes	Yes	2.7	2.4	2.4
NM	Yes	Yes	3.0	3.0	3.0
NV	Yes	Yes	3.0	3.0	3.0
NY	Yes	Yes	3.0	3.0	3.0
OH	Yes	Yes	3.0	3.0	3.0
OK	Yes	Yes	3.0	2.7	2.4
OR	Yes	Yes	3.0	2.5	3.0
PA	No	Yes	3.0	3.0	3.0
RI	Yes	Yes	3.0	3.0	3.0
SC	Yes	Yes	2.4	3.0	2.4
SD	Yes	Yes	3.0	3.0	3.0
TN	Yes	Yes	3.0	3.0	3.0
TX	Yes	Yes	3.0	3.0	2.7
UT	Yes	Yes	3.0	3.0	3.0
VA*	Yes	Yes	2.0	3.0	3.0
VT	Yes	Yes	3.0	3.0	2.9
WA	Yes	Yes	3.0	3.0	2.6
WI	Yes	Yes	3.0	3.0	2.7
WV	Yes	Yes	2.7	3.0	3.0
WY	Yes	Yes	3.0	3.0	3.0

* August T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.
† September T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.

‡ October T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.
n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

National Counts of T-22 Overall Rating Ranges August – October 2024

August Overall Ratings	IRP CVIEW Certified	Sept. Overall Ratings	IRP CVIEW Certified	Oct. Overall Ratings	IRP CVIEW Certified
Good	42	Good	43	Good	38
Fair	6	Fair	5	Fair	9
Poor	1	Poor	1	Poor	2
Total	49	Total	49	Total	49

Note: The CVIEW-certified totals in this table might not equal the total number of CVIEW-certified States due to insufficient data for calculating an Overall rating in any month.

Individual Ratings by State – T-22 (IRP)

M1 Timeliness: Upload Frequency – T-22

Standard: Daily uploads. Upload frequency equals or exceeds number of business days in the evaluated month.

Frequency Standard = 22: October had 23 weekdays, 1 Federal holiday, and no SAFER down days.

Methodology: Compare the number of uploads to the frequency standard; calculate the percentage of the frequency standard achieved by the State.

Source: Daily Reports, 10/1/2024 – 10/31/2024.

Rating Ranges:
- Good: ≥ 100%
- Fair: 95 – 99%
- Poor: ≤ 94%

M1 Timeliness: Upload Frequency – T-22 State Ratings August – October 2024

Good: ≥ 100%	Fair: 95 - 99%	Poor: ≤ 94%

STATE	IRP CVIEW Certified	August Uploads % of Stnd.	Sept. Uploads % of Stnd.	Oct. Uploads % of Stnd.
AK	Yes	141	150	123
AL	Yes	141	140	141
AR	Yes	141	145	141
AZ	Yes	127	150	132
CA	Yes	141	145	141
CO	Yes	95	100	109
CT	Yes	118	110	132
DC	Yes	n/a	n/a	n/a
DE	Yes	100	135	114
FL	Yes	141	150	141
GA	Yes	141	150	141
HI	No	n/a	n/a	n/a
IA	Yes	132	140	127
ID	Yes	141	145	141
IL	Yes	114	125	132
IN	Yes	136	140	141
KS	Yes	132	140	141
KY	Yes	141	140	141
LA	Yes	118	100	109
MA	Yes	123	125	118
MD	Yes	118	120	114
ME	Yes	141	110	118
MI	Yes	141	130	141
MN	Yes	123	145	132
MO	Yes	141	135	136
MS	Yes	123	135	123

STATE	IRP CVIEW Certified	August Uploads % of Stnd.	Sept. Uploads % of Stnd.	Oct. Uploads % of Stnd.
MT	Yes	100	120	118
NC	Yes	132	145	136
ND	Yes	132	150	136
NE	Yes	132	150	141
NH	Yes	123	120	123
NJ	Yes	141	150	141
NM	Yes	100	105	109
NV	Yes	132	130	136
NY	Yes	127	135	132
OH	Yes	127	145	141
OK	Yes	123	140	118
OR	Yes	136	150	141
PA	Yes	141	135	136
RI	Yes	141	150	141
SC	Yes	123	120	132
SD	Yes	141	150	141
TN	Yes	127	125	123
TX	Yes	141	145	141
UT	Yes	136	150	132
VA	Yes	141	145	141
VT	Yes	105	110	95
WA	Yes	114	130	118
WI	Yes	114	125	123
WV	Yes	123	110	100
WY	Yes	141	145	141

Note: Some States upload on weekends/holidays.

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

M2 Completeness: Successful Uploads – T-22

Standard: Minimal error rate.
Methodology: Calculate the percentage of received T-22 records that were applied to SAFER (not rejected).
Source: Error logs, 10/1/2024 – 10/31/2024.
Rating Ranges:
- Good: 100%
- Fair: 95 – 99%
- Poor: ≤ 94%

M2 Completeness: Successful Uploads – T-22 State Ratings August – October 2024

Good: 100%	Fair: 95 - 99%	Poor: ≤ 94%

STATE	IRP CVIEW Certified	August % Successful Uploads	Sept. % Successful Uploads	Oct. % Successful Uploads
AK	Yes	100	100	100
AL	Yes	100	100	99
AR	Yes	100	100	100
AZ	Yes	100	100	100
CA	Yes	100	100	99
CO	Yes	98	98	97
CT	Yes	100	100	100
DC	Yes	100	100	100
DE	Yes	100	100	100
FL	Yes	100	100	100
GA	Yes	100	100	100
HI	No	n/a	n/a	n/a
IA	Yes	100	100	100
ID	Yes	100	100	100
IL	Yes	100	100	100
IN	Yes	100	100	89
KS	Yes	100	100	100
KY	Yes	100	100	100
LA	Yes	100	99	95
MA	Yes	100	100	100
MD	Yes	100	100	100
ME	Yes	100	100	100
MI	Yes	100	100	100
MN	Yes	100	100	100
MO	Yes	97	100	100
MS	Yes	100	100	100

STATE	IRP CVIEW Certified	August % Successful Uploads	Sept. % Successful Uploads	Oct. % Successful Uploads
MT	Yes	97	100	100
NC	Yes	100	100	100
ND†‡	Yes	100	99	99
NE	Yes	100	100	100
NH	Yes	100	100	100
NJ	Yes	100	100	100
NM	Yes	100	100	100
NV	Yes	100	100	100
NY	Yes	100	100	100
OH	Yes	100	100	100
OK	Yes	100	100	100
OR	Yes	100	98	100
PA	Yes	100	100	100
RI	Yes	100	100	100
SC	Yes	96	100	99
SD	Yes	100	100	100
TN	Yes	100	100	100
TX	Yes	100	100	100
UT	Yes	100	100	100
VA*	Yes	97	100	100
VT	Yes	100	100	100
WA	Yes	100	100	100
WI	Yes	100	100	100
WV	Yes	100	100	100
WY	Yes	100	100	100

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

* August T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.
† September T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.
‡ October T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.

M3 Accuracy: Last Update Date Currency – T-22

Standard: Update date must not be older than existing data.

Methodology: Calculate the percent of total T-22 records in SAFER that were not rejected with the error "Older than existing data."

Source: Error logs,10/1/2024 – 10/31/2024.

Rating Ranges:
- Good: 100%
- Fair: 98 – 99%
- Poor: ≤ 97%

M3 Accuracy: Last Update Date Currency – T-22 State Ratings August – October 2024

Good: 100%	Fair: 98 - 99%	Poor: ≤ 97%

State	IRP CVIEW Certified	August % Current	Sept. % Current	Oct. % Current
AK	Yes	100	100	100
AL	Yes	100	100	99
AR	Yes	100	100	100
AZ	Yes	100	100	100
CA	Yes	100	100	99
CO	Yes	100	100	100
CT	Yes	100	100	100
DC	Yes	100	100	100
DE	Yes	100	100	100
FL	Yes	100	100	100
GA	Yes	100	100	100
HI	No	n/a	n/a	n/a
IA	Yes	100	100	100
ID	Yes	100	100	100
IL	Yes	100	100	100
IN	Yes	100	100	89
KS	Yes	100	100	100
KY	Yes	100	100	100
LA	Yes	100	99	95
MA	Yes	100	100	100
MD	Yes	100	100	100
ME	Yes	100	100	100
MI	Yes	100	100	100
MN	Yes	100	100	100
MO	Yes	97	100	100
MS	Yes	100	100	100

State	IRP CVIEW Certified	August % Current	Sept. % Current	Oct. % Current
MT	Yes	97	100	100
NC	Yes	100	100	100
ND†‡	Yes	100	99	99
NE	Yes	100	100	100
NH	Yes	100	100	100
NJ	Yes	100	100	100
NM	Yes	100	100	100
NV	Yes	100	100	100
NY	Yes	100	100	100
OH	Yes	100	100	100
OK	Yes	100	100	100
OR	Yes	100	98	100
PA	Yes	100	100	100
RI	Yes	100	100	100
SC	Yes	100	100	100
SD	Yes	100	100	100
TN	Yes	100	100	100
TX	Yes	100	100	100
UT	Yes	100	100	100
VA*	Yes	97	100	100
VT	Yes	100	100	100
WA	Yes	100	100	100
WI	Yes	100	100	100
WV	Yes	100	100	100
WY	Yes	100	100	100

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

* August T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.

† September T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.

‡ October T-22 Overall ratings were negatively impacted by IDR business rules, which affected the M2 and M3 ratings.

M4 Validity: Vehicle Registration Status – T-22

Standard: Vehicle registration status and IRP status must be aligned.

Methodology: Calculate the percentage of active T-22 Interstate records (IRP status of Active) that show valid vehicle registration.

Source: SAFER, 11/6/2024. (Query of process time, Interstate flag, registration status, IRP status.)

Rating Ranges:
- Good: 100%
- Fair: 95 – 99%
- Poor: ≤ 94%

M4 Validity: Vehicle Registration Status – T-22 State Ratings August – October 2024

Good: 100%	Fair: 95 - 99%	Poor: ≤ 94%

State	IRP CVIEW Certified	August % Aligned	Sept. % Aligned	Oct. % Aligned
AK	Yes	99	99	100
AL	Yes	100	100	100
AR	Yes	100	100	100
AZ	Yes	86	86	84
CA	Yes	99	100	100
CO	Yes	100	100	99
CT	Yes	100	100	100
DC	Yes	100	100	100
DE	Yes	100	98	100
FL	Yes	94	92	98
GA	Yes	100	100	100
HI	No	n/a	n/a	n/a
IA	Yes	100	100	100
ID	Yes	100	100	100
IL	Yes	100	100	100
IN	Yes	100	100	100
KS[1]	Yes	100	100	100
KY	Yes	100	100	100
LA	Yes	100	100	100
MA	Yes	99	100	100
MD	Yes	100	100	100
ME	Yes	99	100	100
MI	Yes	100	100	100
MN	Yes	100	100	100
MO	Yes	100	100	100
MS	Yes	100	100	100

State	IRP CVIEW Certified	August % Aligned	Sept. % Aligned	Oct. % Aligned
MT	Yes	100	100	100
NC	Yes	100	100	100
ND	Yes	96	96	94
NE	Yes	100	100	100
NH	Yes	100	100	100
NJ	Yes	95	94	93
NM	Yes	100	100	100
NV	Yes	100	100	100
NY	Yes	100	100	100
OH	Yes	100	100	100
OK[2]	Yes	100	99	87
OR	Yes	100	100	100
PA	Yes	100	100	100
RI	Yes	100	100	100
SC	Yes	98	100	99
SD	Yes	100	100	100
TN	Yes	100	100	100
TX	Yes	100	100	99
UT	Yes	100	100	100
VA	Yes	99	100	100
VT	Yes	100	100	100
WA	Yes	100	100	99
WI	Yes	100	100	99
WV	Yes	99	100	100
WY[1]	Yes	100	100	100

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

Note: Rating anomalies may result from the variety of renewal grace periods across States. While the M4 measure allows for a 30-day grace period, individual State grace periods range from 30 to 90 days.

[1] ITD DQ team has been notified of State's renewal grace period of 90 days.

[2] ITD DQ team has been notified of State's renewal grace period of 60 days.

M5 Timeliness: IRP Baseline Frequency – T-22

Standard: Annual IRP baseline (minimum).
Source: ITD Support records.
Rating Ranges:
- **Good:** State conducted an IRP baseline at least once in the past 12 months.
- **Poor:** State did not conduct an IRP baseline in the past 12 months.

STATE	Nov-24	Dec-24	Jan-25
NM		DUE	
NY		DUE	
OR			DUE
UT		DUE	
VT			DUE

M5 Timeliness: IRP Baseline Frequency – T-22 State Ratings
August – October 2024

Good: Baseline in Last 12 Months	Poor: No Baseline in Last 12 Months	Good: Baseline Due Soon

State	IRP CVIEW Certified	August Rating	Sept. Rating	Oct. Rating
AK*	Yes	Good	Good	Good
AL	Yes	Poor	Good	Good
AR	Yes	Good	Good	Good
AZ	Yes	Poor	Poor	Poor
CA	Yes	Good	Good	Good
CO	Yes	Good	Good	Good
CT	Yes	Good	Good	Good
DC	Yes	Good	Good	Good
DE	Yes	Good	Good	Good
FL	Yes	Good	Good	Good
GA	Yes	Good	Good	Good
HI	No	n/a	n/a	n/a
IA	Yes	Good	Good	Good
ID	Yes	Good	Good	Good
IL	Yes	Good	Good	Good
IN	Yes	Poor	Poor	Poor
KS	Yes	Good	Good	Good
KY	Yes	Good	Good	Good
LA	Yes	Good	Good	Good
MA	Yes	Good	Good	Good
MD	Yes	Good	Good	Good
ME	Yes	Good	Good	Good
MI	Yes	Good	Good	Good
MN	Yes	Good	Good	Good
MO	Yes	Good	Good	Good
MS	Yes	Poor	Poor	Poor

State	IRP CVIEW Certified	August Rating	Sept. Rating	Oct. Rating
MT	Yes	Good	Good	Good
NC	Yes	Good	Good	Good
ND	Yes	Good	Good	Good
NE	Yes	Good	Good	Good
NH	Yes	Good	Good	Good
NJ	Yes	Good	Good	Good
NM	Yes	Good	Good	Good
NV	Yes	Good	Good	Good
NY	Yes	Good	Good	Good
OH	Yes	Good	Good	Good
OK	Yes	Good	Good	Good
OR	Yes	Good	Good	Good
PA	Yes	Good	Good	Good
RI	Yes	Good	Good	Good
SC	Yes	Good	Good	Good
SD	Yes	Good	Good	Good
TN	Yes	Good	Good	Good
TX	Yes	Good	Good	Good
UT	Yes	Good	Good	Good
VA	Yes	Good	Good	Good
VT	Yes	Good	Good	Good
WA	Yes	Good	Good	Poor
WI	Yes	Good	Good	Good
WV	Yes	Good	Good	Good
WY	Yes	Good	Good	Good

n/a = Not Applicable: Not CVIEW Certified or Insufficient Data.

Additional Information

SAFER Processing Report

The ITD Support team is aware that data quality can be impacted by the availability and timeliness of SAFER processing. The ITD DQ Evaluation report includes the following information about baseline processing and CVIEW production for the evaluated month.

October	Count / Month
Baselining States	**4**
IRP Only: TN	1
IFTA Only: IL	1
IFTA and IRP: DE, KY	2
Known Day(s) with Delays in CVIEW Production	**0**
Known Day(s) with Delays in IDR Production	**0**

Indicator of Responsiveness to Reported Data Quality Issues

The DQ Communication Process was developed and implemented to collect and report on specific data quality issues found by any State involving another State's data. Volpe collects and communicates State-reported findings, reaching out to responsible States to not only facilitate record correction, but to help the State identify conditions that may contribute to a larger data quality problem. This process depends on State participation, i.e., reporting findings and, if contacted by Volpe, promptly responding to issues. Since June 2014, Volpe has shared counts of reported and resolved issues at ITD Program Manager and ITD ACCB meetings; this indicator supplements that reporting.

Counts of Reported and Pending DQ Issues

As of 11/14/2024:
- May 2024: 9 States with reported issues. 3/33 pending.
- June 2024: 11 States with reported issues. 3/29 pending.
- July 2024: 14 States with reported issues. 4/103 pending.
- August 2024: 14 States with reported issues. 4/41 pending.
- September 2024: 13 States with reported issues. 3/46 pending.
- October 2024: 13 States with reported issues. 9/73 pending.

Note: Starting with December 2022, DQ discrepancies reported by PrePass are included in these counts.

Responsiveness Indicator Criteria

The Responsiveness Indicator is described below in terms of the indicator's standard and methodology, and the status categories of Good, Fair, and Poor. The table that follows lists the status of the current evaluated month along with the previous two months', for reference.

- **Standard:** Resolve reported issue(s) within 30 days.
- **Methodology:** The number of days between a State being notified by Volpe of a DQ issue and resolving that issue is compared to the 30-day standard.

Responsiveness to Reported Data Quality Issues by State
August – October 2024
Status Categories

- Good: Issue(s) reported and resolved within 30 days.
- Fair: Issue(s) reported during the evaluated month.
- Poor: Reported issue(s) are more than one month old.
- n/a: Not Applicable; no issues reported for that State.

Good: All Reported Issue(s) Resolved	Fair: Issue(s) Reported in Evaluated Month	Poor: Issue(s) More Than One Month Old

State	Core Certified	August Status	Sept. Status	Oct. Status
AK	Yes	n/a	n/a	n/a
AL	Yes	Good	n/a	n/a
AR	Yes	n/a	Good	n/a
AZ	Yes	Poor	Poor	Poor
CA	Yes	Good	Good	Fair
CO	Yes	n/a	n/a	n/a
CT	Yes	n/a	n/a	n/a
DC	No	n/a	n/a	n/a
DE	Yes	n/a	n/a	n/a
FL	Yes	Poor	Good	Fair
GA	Yes	n/a	n/a	n/a
HI	No	n/a	n/a	n/a
IA	Yes	n/a	n/a	n/a
ID	Yes	Good	Good	Fair
IL	Yes	Poor	Poor	Poor
IN	Yes	Fair	Good	Good
KS	Yes	n/a	n/a	n/a
KY	Yes	n/a	Good	n/a
LA	Yes	Fair	Poor	Poor
MA	Yes	n/a	n/a	n/a
MD	Yes	Good	n/a	Fair
ME	Yes	n/a	n/a	n/a
MI	Yes	n/a	n/a	n/a
MN	No	n/a	Good	n/a
MO	Yes	Fair	Poor	Poor
MS	Yes	n/a	n/a	n/a

State	Core Certified	August Status	Sept. Status	Oct. Status
MT	Yes	n/a	n/a	n/a
NC	Yes	n/a	n/a	n/a
ND	Yes	n/a	n/a	n/a
NE	Yes	n/a	n/a	n/a
NH	Yes	n/a	n/a	Good
NJ	Yes	n/a	n/a	n/a
NM	Yes	n/a	Good	Fair
NV	Yes	Fair	n/a	Good
NY	Yes	n/a	n/a	n/a
OH	Yes	Fair	Poor	Poor
OK	Yes	Fair	Good	Good
OR	Yes	Poor	Poor	Poor
PA	No	n/a	n/a	n/a
RI	Yes	n/a	n/a	n/a
SC	Yes	n/a	n/a	Good
SD	Yes	n/a	n/a	n/a
TN	Yes	n/a	n/a	Good
TX	Yes	n/a	Good	Good
UT	Yes	n/a	n/a	n/a
VA	Yes	Good	n/a	n/a
VT	Yes	n/a	n/a	n/a
WA	Yes	Poor	Good	n/a
WI	Yes	n/a	n/a	n/a
WV	Yes	n/a	n/a	n/a
WY	Yes	n/a	n/a	n/a

Appendix: Evolution of the ITD Data Quality (DQ) Measures

Since 2015, the ITD Support team has analyzed State ITD data submitted to SAFER and reported monthly DQ results to the ITD community. The development and modification of the ITD DQ Measures and associated modifications to the monthly DQ report are summarized here.

2015 Implemented measures for IFTA & IRP data	→	**2019** Achieved significant improvement	→	**2020** Raised the bar for IRP data	→	**2021** Raised the bar for IFTA data	→	**2022** Raised the bar for IFTA & IRP data

- **June 2015 report:** The initial DQ measures evaluated T-22 (IRP Registration Input Transaction). Preliminary State ratings based on April 2015 data were presented in June at the FY 2015 ITD Workshop and the first monthly DQ report was published the same month.

- **August 2015 report:** A new indicator of State responsiveness to individual DQ issues reported to Volpe via the DQ Communication Process. Results are NOT included in the Overall Measure rating.

- **October 2015 report:** A second set of measures like the T-22 measures to evaluate T-19 (IFTA Input Transaction). **Note:** The introduction of the T-19 measures necessitated a change to the T-22 measure of Baseline Frequency (M5), which did not distinguish between baselines of IRP and IFTA data. Going forward, IRP and IFTA baselines will be tracked and evaluated separately.

- **February 2016 report:** A modification to the T-19 (IFTA) Measures. In March 2016, the T-19 Validity Measure (M4) was reassessed. Given the variations across States in reporting of the measure's evaluated fields, an accurate rating could not be assigned to all States; thus, M4 was removed from the calculation of the T-19 Overall rating. These changes were implemented with the February 2016 evaluation, but monthly ratings were adjusted going back to October 2015.

- **April 2020 report:** Modifications to the T-22 (IRP) Measures. By 2019, State ratings had improved significantly. While most States were regularly achieving Good Overall ratings, there was room for improvement. Modifications raised the bar of rating categories for the Timeliness (M1), Completeness (M2), and Validity (M4) measures, and adjusted the calculation of the Overall rating to put more emphasis on successful uploads (M2).

Adjusted Calculation of T-22 Overall Rating – April 2020

T-22 Measure	Previous Weight	New Weight
M1	20%	**15%**
M2	20%	**30%**
M3	20%	No change
M4	30%	No change
M5	10%	**5%**

Changes to Selected T-22 Individual Rating Ranges – April 2020

T-22 Measure	Good Rating	Fair Rating	Poor Rating
M1 **Timeliness**	Previous: ≥ 100% **April 2020:** No change	Previous: 77-99% **April 2020: 95-99%**	Previous: ≤ 76% **April 2020: ≤ 94%**
M2 **Completeness**	Previous: 96-100% **April 2020: 100%**	Previous: 90-95% **April 2020: 95-99%**	Previous: ≤ 89% **April 2020: ≤ 94%**
M4 **Validity**	Previous: 100% **April 2020:** No change	Previous: 90-99% **April 2020: 95-99%**	Previous: ≤ 89% **April 2020: ≤ 94%**

- **September 2021 report:** Modifications to the T-19 (IFTA) Measures. On June 1, 2021, to ensure consistent data for the T-19 Validity Measure (M4), the "IFTA account expiration date" field was made mandatory in SAFER. After a three-month preview period, all CVIEW-certified, non-exempt States began receiving an M4 rating and the M4 measure was again included in the T-19 Overall rating calculation. (See "February 2016 report" above for background.)

Adjusted Calculation of T-19 Overall Rating – September 2021

T-19 Measure	Previous Weight	New Weight
M1	30%	15%
M2	30%	No change
M3	30%	20%
M4	Excluded	30%
M5	10%	5%

- **December 2021 report:** Modifications to the T-19 (IFTA) Measures. By late 2021, while most States regularly achieved Good Overall T-19 (IFTA) ratings, there was room for improvement. Modifications implemented with the December 2021 evaluation raised the bar of rating categories for the Timeliness (M1), Completeness (M2), and Validity (M4) Measures to align with the T-22 (IRP) Measures.

Changes to Selected T-19 Individual Rating Ranges – December 2021

T-19 Measure	Good Rating	Fair Rating	Poor Rating
M1 Timeliness	Previous: ≥ 100% **Dec. 2021: No change**	Previous: 77-99% **Dec. 2021: 95-99%**	Previous: ≤ 76% **Dec. 2021: ≤ 94%**
M2 Completeness	Previous: 96-100% **Dec. 2021: 100%**	Previous: 90-95% **Dec. 2021: 95-99%**	Previous: ≤ 89% **Dec. 2021: ≤ 94%**
M4 Validity	Previous: 100% **Dec. 2021: No change**	Previous: 90-99% **Dec. 2021: 95-99%**	Previous: ≤ 89% **Dec. 2021: ≤ 94%**

- **August 2022 report:** Modifications to both the T-19 (IFTA) and T-22 (IRP) Measures. As a follow-on to the December 2021 changes, the rating ranges for both Overall Ratings were adjusted to raise the bar of the Good, Fair, and Poor ratings.

Adjustments to Overall Rating Ranges – August 2022

Good Rating	Fair Rating	Poor Rating
Previous: 2.5 – 3.0 **Aug. 2022: 2.7 – 3.0**	Previous: 2.0 – 2.4 **Aug. 2022: 2.3 – 2.6**	Previous: ≤ 1.9 **Aug. 2022: ≤ 2.2**