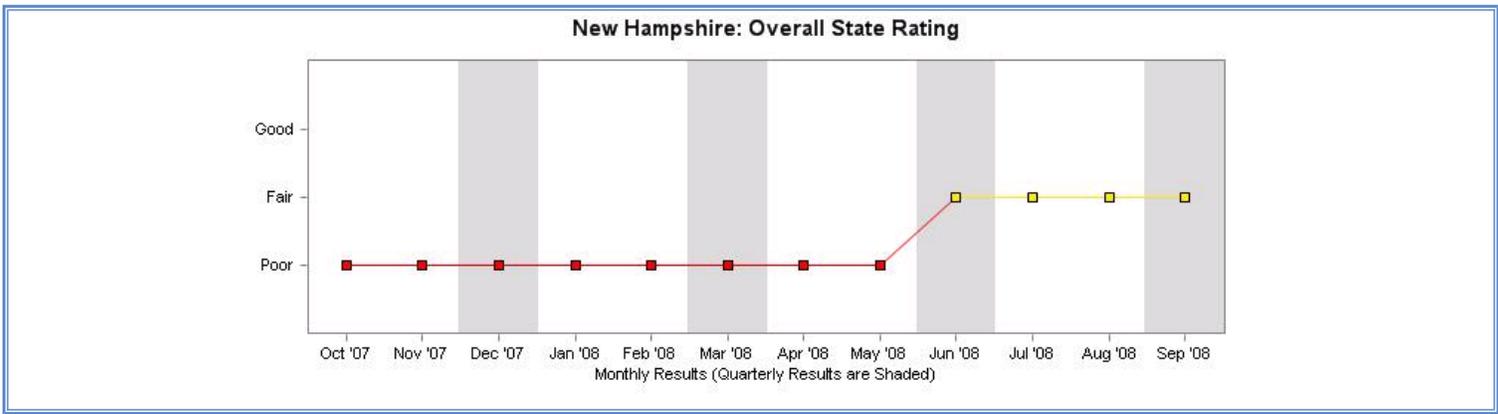


New Hampshire: Overall State Rating Report
Monthly Results as of : September 26, 2008

Considers all seven SSDQ measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the measures and the Overriding Indicator. ([View Methodology](#))



New Hampshire: Overall State Rating											
Monthly Results	MCMIS Run Date	Overall State Rating	State Data Quality Measures							Overriding Indicator *	
			Crash					Inspection		Crash Consistency	
			Crash Record Completeness	Non-Fatal Crash Completeness	Fatal Crash Completeness	Crash Timeliness	Crash Accuracy	Inspection Timeliness	Inspection Accuracy		
Sep '08	9/26/2008	Y	Y	G	G	G	R	G	G	No Flag	
Aug '08	8/22/2008	Y	Y	G	G	G	R	G	G	No Flag	
Jul '08	7/25/2008	Y	Y	G	G	G	R	G	G	No Flag	
Jun '08	6/20/2008	Y	Y	G	G	G	R	G	G	No Flag	
May '08	5/23/2008	R	R	G	G	G	R	G	G	No Flag	
Apr '08	4/25/2008	R	R	G	G	G	R	G	G	No Flag	
Mar '08	3/28/2008	R	R	G	G	G	R	G	G	No Flag	
Feb '08	2/22/2008	R	R	G	G	G	R	G	G	No Flag	
Jan '08	1/25/2008	R	R	G	G	G	R	G	G	No Flag	
Dec '07	12/21/2007	R	R	G	G	G	R	G	G	No Flag	
Nov '07	11/30/2007	R	R	G	G	G	R	G	G	No Flag	
Oct '07	10/26/2007	R	R	G	G	G	R	G	G	No Flag	

Overall State Rating Description		
Rating		Criteria
Good	G	Minimum of 1 Good AND 0 Poor
Fair	Y	Maximum of 1 Poor
Poor	R	2+ Poor OR Red Flagged

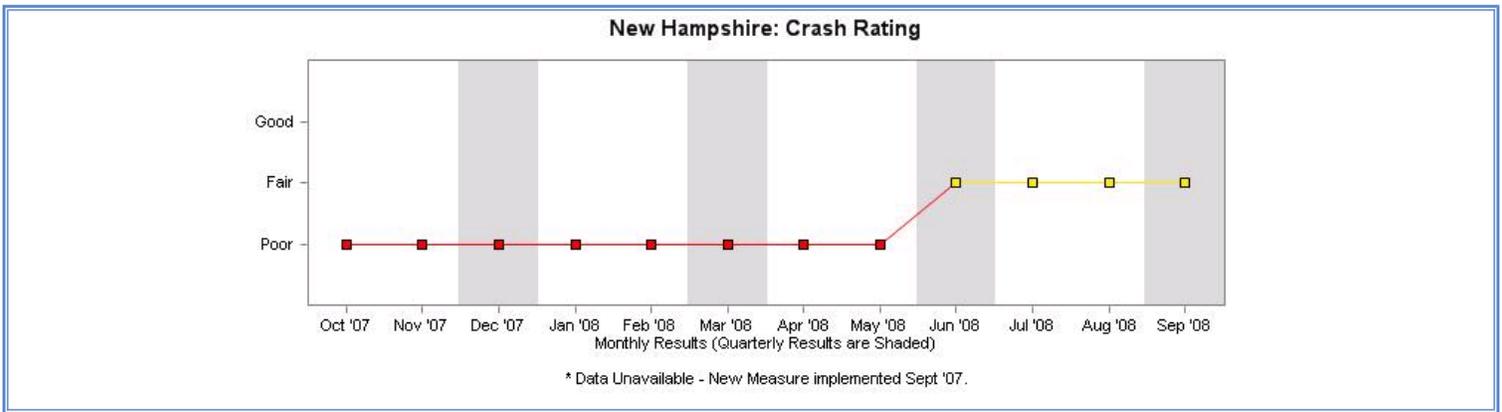
* States that are red flagged are automatically rated POOR overall.
N/A: Data Not Available- New Measure implemented Sept '07.

Data Source: FARS records and MCMIS crash and inspection records.

New Hampshire: Crash Rating Report

Monthly Results as of : September 26, 2008

Considers the five SSDQ crash measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the crash measures and the Overriding Indicator. ([View Methodology](#))



New Hampshire: Crash Rating								
Monthly Results	MCMIS Run Date	Crash Rating	State Data Quality Crash Measures					Overriding Indicator *
			Crash Record Completeness	Non-Fatal Crash Completeness	Fatal Crash Completeness	Crash Timeliness	Crash Accuracy	Crash Consistency
Sep '08	9/26/2008	Y	Y	G	G	G	R	No Flag
Aug '08	8/22/2008	Y	Y	G	G	G	R	No Flag
Jul '08	7/25/2008	Y	Y	G	G	G	R	No Flag
Jun '08	6/20/2008	Y	Y	G	G	G	R	No Flag
May '08	5/23/2008	R	R	G	G	G	R	No Flag
Apr '08	4/25/2008	R	R	G	G	G	R	No Flag
Mar '08	3/28/2008	R	R	G	G	G	R	No Flag
Feb '08	2/22/2008	R	R	G	G	G	R	No Flag
Jan '08	1/25/2008	R	R	G	G	G	R	No Flag
Dec '07	12/21/2007	R	R	G	G	G	R	No Flag
Nov '07	11/30/2007	R	R	G	G	G	R	No Flag
Oct '07	10/26/2007	R	R	G	G	G	R	No Flag

Rating Criteria		
Rating		Criteria
Good	G	Minimum of 1 Good AND 0 Poor
Fair	Y	Maximum of 1 Poor
Poor	R	2+ Poor OR Red Flagged

* States that are red flagged are automatically rated POOR overall.

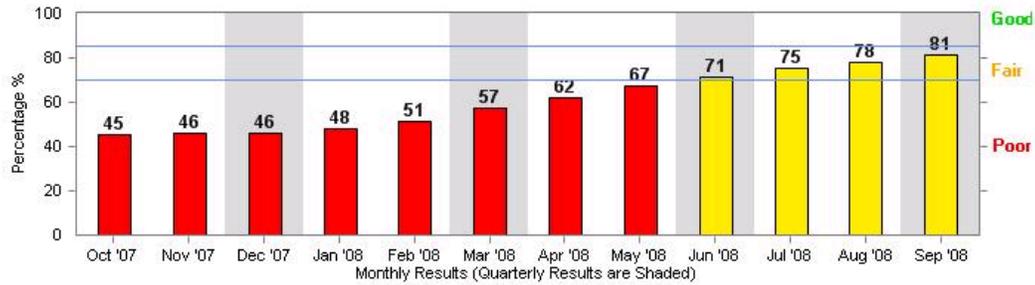
Data Source: FARS records and MCMIS crash records.

New Hampshire: Crash Record Completeness Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on the completeness of driver and vehicle crash data reported to FMCSA. ([View Methodology](#)) The completeness of the driver data is determined by the [Driver Identification Completeness Evaluation](#) and the completeness of the vehicle data is determined by the [Vehicle Identification Completeness Evaluation](#).

New Hampshire: Crash Record Completeness Measure



* Data Unavailable - New Measure implemented Sept '07.

New Hampshire: Crash Record Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	Driver Identification Completeness Evaluation	Vehicle Identification Completeness Evaluation	Crash Record Completeness
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Y	83%	79%	81%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Y	80%	75%	78%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Y	79%	71%	75%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Y	76%	65%	71%
May '08	5/23/2008	3/1/2007 - 2/29/2008	R	73%	61%	67%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	R	69%	55%	62%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	R	65%	49%	57%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	R	61%	41%	51%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	R	58%	37%	48%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	R	58%	34%	46%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	R	58%	33%	46%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	R	58%	32%	45%

Driver Identification Completeness

Monthly Results	MCMIS Run Date	Crash Records Evaluated	Records with Complete Driver Information		# Records with Driver Information				
			# Records	% Records	License Number	Date of Birth	First Name	Last Name	License Class
Sep '08	9/26/2008	487	405	83%	481	481	481	481	405
Aug '08	8/22/2008	516	414	80%	509	510	510	510	415
Jul '08	7/25/2008	528	416	79%	519	521	521	521	417
Jun '08	6/20/2008	561	426	76%	551	554	554	554	427
May '08	5/23/2008	602	437	73%	586	590	590	590	439
Apr '08	4/25/2008	576	395	69%	561	565	565	565	397
Mar '08	3/28/2008	578	377	65%	564	568	568	568	379
Feb '08	2/22/2008	530	322	61%	516	520	520	520	324
Jan '08	1/25/2008	525	303	58%	508	512	512	512	305
Dec '07	12/21/2007	546	316	58%	527	531	531	531	318
Nov '07	11/30/2007	550	319	58%	530	534	534	534	321
Oct '07	10/26/2007	550	318	58%	529	533	533	533	320

Vehicle Identification Completeness

Monthly Results	MCMIS Run Date	Crash Records Evaluated	Records with Complete Vehicle Information		# Records with Vehicle Information				
			# Records	% Records	Vehicle Identification #	License Plate #	Vehicle Configuration	Cargo Body Type	GVWR
Sep '08	9/26/2008	487	386	79%	482	485	416	405	405
Aug '08	8/22/2008	516	387	75%	511	513	422	412	407
Jul '08	7/25/2008	528	375	71%	522	525	416	406	398
Jun '08	6/20/2008	561	366	65%	554	558	417	406	392
May '08	5/23/2008	602	367	61%	593	599	431	419	402
Apr '08	4/25/2008	576	317	55%	566	572	386	375	355
Mar '08	3/28/2008	578	281	49%	564	574	362	351	319
Feb '08	2/22/2008	530	216	41%	516	527	295	285	251
Jan '08	1/25/2008	525	193	37%	510	522	275	263	229
Dec '07	12/21/2007	546	184	34%	527	542	269	259	219
Nov '07	11/30/2007	550	179	33%	532	545	256	249	210
Oct '07	10/26/2007	550	178	32%	531	544	253	243	211

Rating Criteria		
Rating		Criteria
Good		Percentage of completed driver and vehicle information is >= 85%
Fair		Percentage of completed driver and vehicle information is 70-84%
Poor		Percentage of completed driver and vehicle information is < 70%

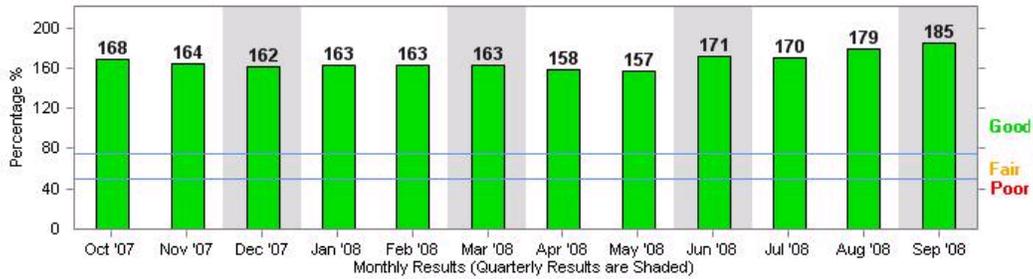
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

New Hampshire: Non-Fatal Crash Completeness Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on a ratio of reported to predicted non-fatal crash records reported to MCMIS. The number of reported non-fatal crash records was calculated using a 12-month time period that ends six months prior to the MCMIS snapshot date. ([View Methodology](#))

New Hampshire: Non-Fatal Crash Completeness Measure



* Data Unavailable - New Measure implemented Sept '07.

New Hampshire: Non-Fatal Crash Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Rating	Non-Fatal Crash Completeness				Crash Year (FARS)	Fatal Crash Records (FARS) (Used to Predict Non-Fatals)			
			Event Date Range	Predicted Non-Fatals	Reported Non-Fatals	Reported/Predicted		Crash Year - 2	Crash Year - 1	Current Crash Year	Average
Sep '08	9/26/2008	G	4/1/2007 - 3/31/2008	298	550	185%	2007	12	7	12	10
Aug '08	8/22/2008	G	3/1/2007 - 2/29/2008	332	593	179%	2006	14	12	7	11
Jul '08	7/25/2008	G	2/1/2007 - 1/31/2008	332	566	170%	2006	14	12	7	11
Jun '08	6/20/2008	G	1/1/2007 - 12/31/2007	332	567	171%	2006	14	12	7	11
May '08	5/23/2008	G	12/1/2006 - 11/30/2007	332	522	157%	2006	14	12	7	11
Apr '08	4/25/2008	G	11/1/2006 - 10/31/2007	332	525	158%	2006	14	12	7	11
Mar '08	3/28/2008	G	10/1/2006 - 9/30/2007	332	540	163%	2006	14	12	7	11
Feb '08	2/22/2008	G	9/1/2006 - 8/31/2007	332	540	163%	2006	14	12	7	11
Jan '08	1/25/2008	G	8/1/2006 - 7/31/2007	332	540	163%	2006	14	12	7	11
Dec '07	12/21/2007	G	7/1/2006 - 6/30/2007	332	538	162%	2006	14	12	7	11
Nov '07	11/30/2007	G	6/1/2006 - 5/31/2007	332	546	164%	2006	14	12	7	11
Oct '07	10/26/2007	G	5/1/2006 - 4/30/2007	332	557	168%	2006	14	12	7	11

Rating Criteria

Rating	Criteria
Good G	Percentage of non-fatal crash records reported is >= 75%
Fair Y	Percentage of non-fatal crash records reported is 50-75%
Poor P	Percentage of non-fatal crash records reported is < 50%
Insufficient Data I	State has < 15 average # of fatal crash records AND percentage of non-fatal crash records reported is < 50%

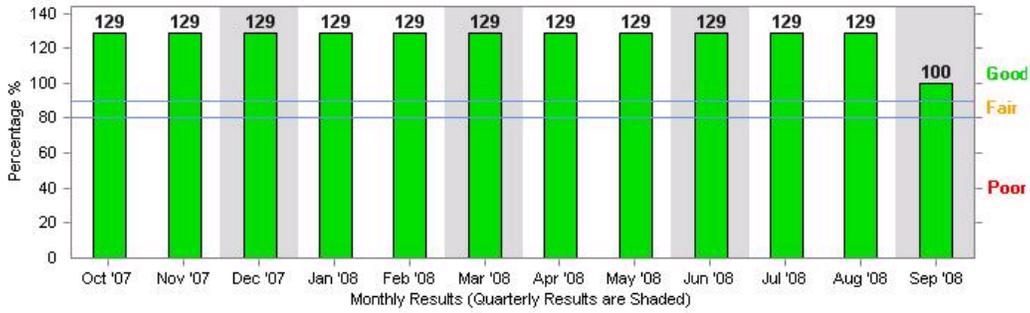
Data Source: MCMIS crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

New Hampshire: Fatal Crash Completeness Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on a comparison of the number of State-reported fatal crash records in MCMIS to the number of fatal crash records reported in FARS. ([View Methodology](#))

New Hampshire: Fatal Crash Completeness Measure



New Hampshire: Fatal Crash Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Rating	Fatal Crash Year	Fatal Crash Records		
				FARS	MCMIS	MCMIS as a % of FARS
Sep '08	9/26/2008	G	2007	10	10	100%
Aug '08	8/22/2008	G	2006	7	9	129%
Jul '08	7/25/2008	G	2006	7	9	129%
Jun '08	6/20/2008	G	2006	7	9	129%
May '08	5/23/2008	G	2006	7	9	129%
Apr '08	4/25/2008	G	2006	7	9	129%
Mar '08	3/28/2008	G	2006	7	9	129%
Feb '08	2/22/2008	G	2006	7	9	129%
Jan '08	1/25/2008	G	2006	7	9	129%
Dec '07	12/21/2007	G	2006	7	9	129%
Nov '07	11/30/2007	G	2006	7	9	129%
Oct '07	10/26/2007	G	2006	7	9	129%

Rating Criteria

Rating	Criteria
Good	G MCMIS as a % of FARS is >= 90%
Fair	Y MCMIS as a % of FARS is 80-89%
Poor	R MCMIS as a % of FARS is < 80%
Insufficient data	I State has < 15 FARS records AND MCMIS as a % of FARS is < 80%

Data Source: FARS records and MCMIS crash records that represent interstate and intrastate carriers and include **large truck** vehicle type involved in fatal crashes.

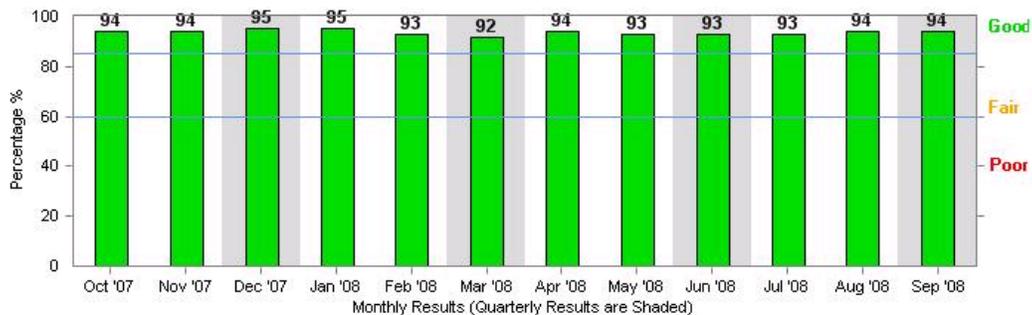
New Hampshire: Crash Timeliness Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of crash records reported to FMCSA within 90 days over a 12-month period. ([View Methodology](#))

NEW [More Detailed Analysis for this Measure](#)

New Hampshire: Crash Timeliness Measure



New Hampshire: Crash Timeliness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Crash Records	# Records Reported w/in 90 Days	% Records Reported w/in 90 Days
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	487	460	94%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	516	485	94%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	528	492	93%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	561	520	93%
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	602	560	93%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	576	539	94%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	578	533	92%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	530	492	93%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	525	499	95%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	546	517	95%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	550	519	94%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	550	517	94%

Rating Criteria

Rating	Criteria
Good	Percentage reported within 90 Days is >= 85%
Fair	Percentage reported within 90 Days is 60-84%
Poor	Percentage reported within 90 Days is < 60%
Insufficient data	State has < 15 records reported in current timeframe AND percentage reported within 90 Days is < 60%

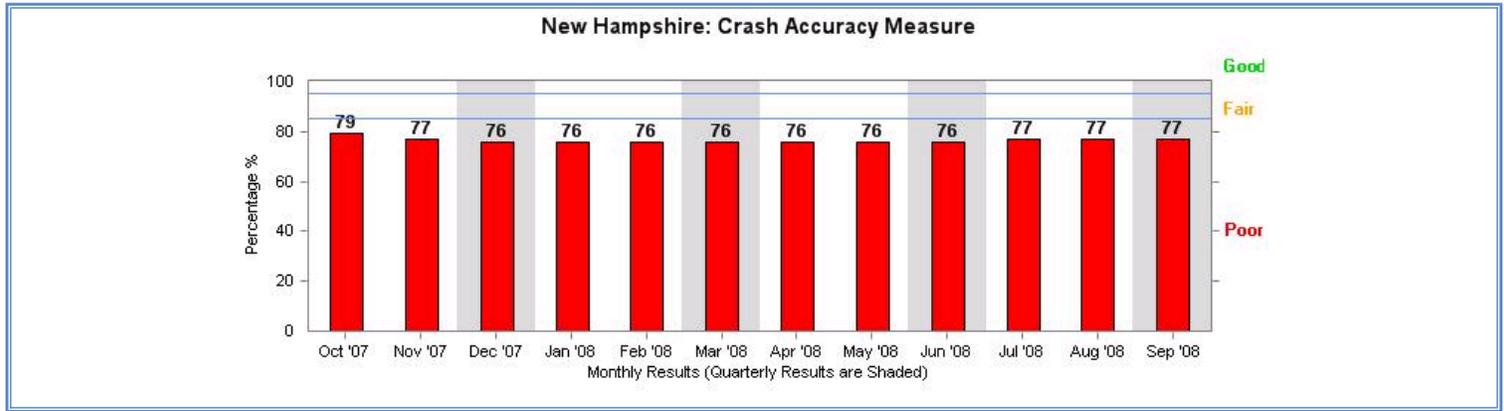
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

New Hampshire: Crash Accuracy Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of crash records reported by the State over a 12-month period that were matched to a company registered in MCMIS. ([View Methodology](#))

NEW [More Detailed Analysis for this Measure](#)



New Hampshire: Crash Accuracy Measure										Download Data
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Crash Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records		
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	R	482	112	23%	370	77%		
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	R	510	119	23%	391	77%		
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	R	523	121	23%	402	77%		
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	R	557	133	24%	424	76%		
May '08	5/23/2008	3/1/2007 - 2/29/2008	R	598	144	24%	454	76%		
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	R	573	136	24%	437	76%		
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	R	574	137	24%	437	76%		
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	R	525	125	24%	400	76%		
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	R	516	122	24%	394	76%		
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	R	528	126	24%	402	76%		
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	R	530	121	23%	409	77%		
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	R	526	113	21%	413	79%		

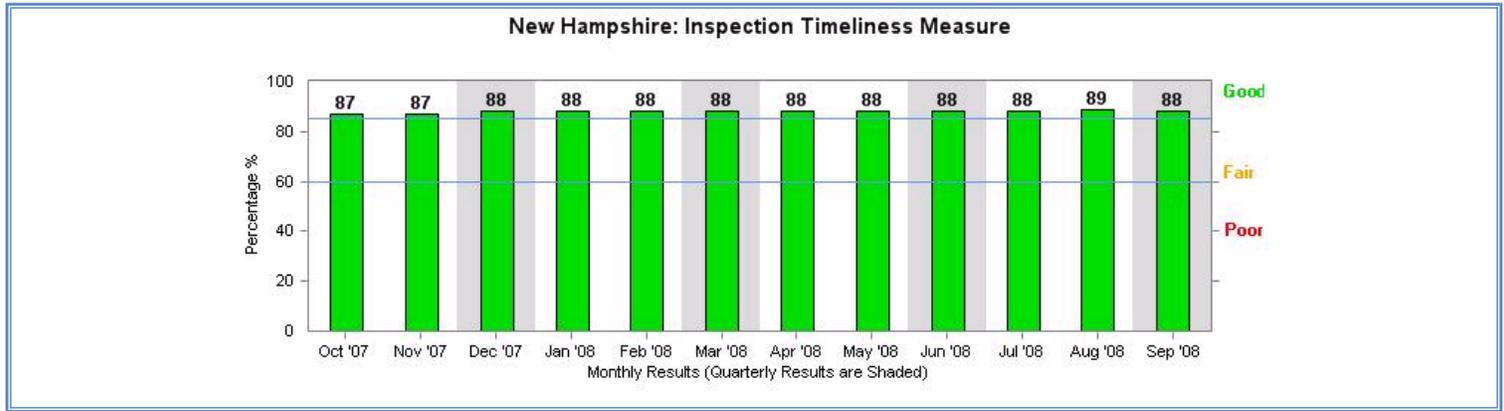
Rating Criteria	
Rating	Criteria
Good	G Percentage of matched records is >= 95%
Fair	Y Percentage of matched records is 85-94%
Poor	R Percentage of matched records is < 85%
Insufficient data	I State has < 15 records reported in current timeframe AND percentage of matched records is < 85%

Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. (Excludes crash records entered per FMCSA's "Procedures for Entering Crashes without Carrier Identification into SAFETYNET")

New Hampshire: Inspection Timeliness Measure Report
Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of inspection records reported to FMCSA within 21 days over a 12-month period. ([View Methodology](#))

NEW [More Detailed Analysis for this Measure](#)



New Hampshire: Inspection Timeliness Measure							Download Data
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Inspection Records	# Records Reported w/in 21 Days	% Records Reported w/in 21 Days	
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	10,210	8,981	88%	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	10,039	8,955	89%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	9,671	8,519	88%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	9,242	8,156	88%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	9,258	8,152	88%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	9,376	8,271	88%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	9,469	8,366	88%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	9,603	8,483	88%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	9,508	8,349	88%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	9,302	8,152	88%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	9,163	7,969	87%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	8,982	7,824	87%	

Rating Criteria		
Rating		Criteria
Good	G	Percentage reported within 21 Days is >= 85%
Fair	Y	Percentage reported within 21 Days is 60-84%
Poor	P	Percentage reported within 21 Days is < 60%

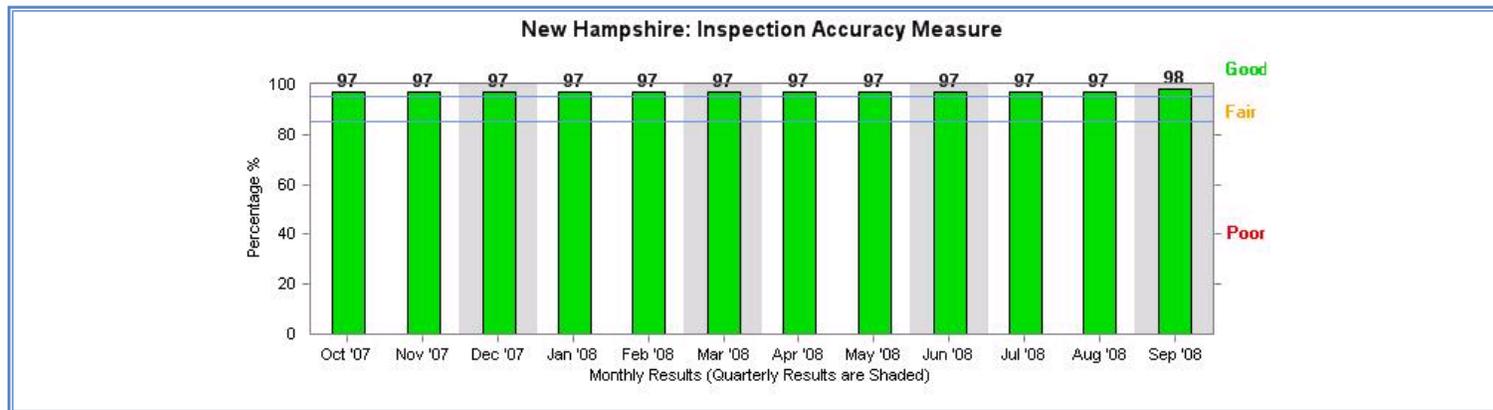
Data Source: MCMIS inspection records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

New Hampshire: Inspection Accuracy Measure Report

Monthly Results as of : September 26, 2008

Determines a rating based on the percentage of inspection records reported by the States over a 12-month period that were matched to a company registered in MCMIS. ([View Methodology](#))

NEW [More Detailed Analysis for this Measure](#)



New Hampshire: Inspection Accuracy Measure										Download Data
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Inspection Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records		
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	8,853	220	2%	8,633	98%		
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	8,684	226	3%	8,458	97%		
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	8,370	214	3%	8,156	97%		
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	8,036	207	3%	7,829	97%		
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	8,051	213	3%	7,838	97%		
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	8,151	222	3%	7,929	97%		
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	8,212	229	3%	7,983	97%		
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	8,308	236	3%	8,072	97%		
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	8,228	245	3%	7,983	97%		
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	8,040	233	3%	7,807	97%		
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	7,913	228	3%	7,685	97%		
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	7,761	234	3%	7,527	97%		

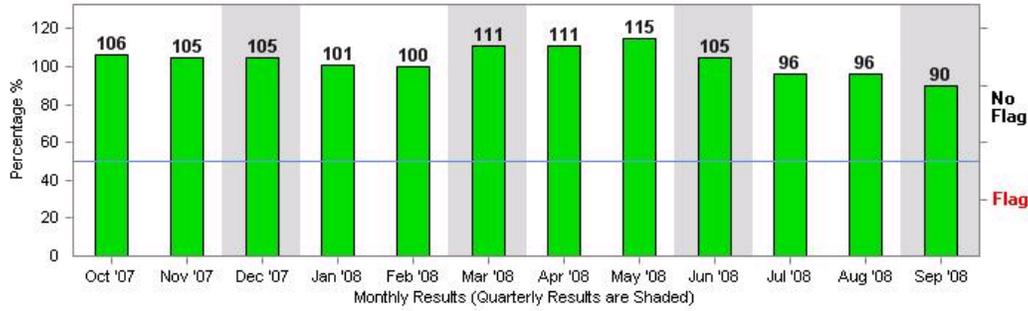
Rating Criteria		
Rating		Criteria
Good	G	Percentage of matched records is >= 95%
Fair	Y	Percentage of matched records is 85-94%
Poor	P	Percentage of matched records is < 85%

Data Source: MCMIS inspection records for 12 months that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types.

New Hampshire: Crash Consistency Indicator Report
Monthly Results as of : September 26, 2008

Indicates States that have reported less than 50% of non-fatal crash records for the current 12-month period compared to the yearly average, based on the previous 36-months. [\(View Methodology\)](#)

New Hampshire: Crash Consistency Overriding Indicator



New Hampshire: Crash Consistency Overriding Indicator

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	Year 1	Year 2	Year 3	Avg # Records over Previous 3 Years	Total # Records for Date Range	Estimate Reported for Date Range
				Date Range -3 Years	Date Range -2 Years	Date Range -1 Year			
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	No Flag	565	469	547	527	476	90%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	No Flag	573	454	553	527	505	96%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	No Flag	601	438	564	534	515	96%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	No Flag	605	440	525	523	550	105%
May '08	5/23/2008	3/1/2007 - 2/29/2008	No Flag	597	462	483	514	591	115%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	No Flag	591	459	484	511	565	111%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	No Flag	557	491	477	508	566	111%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	No Flag	536	530	479	515	516	100%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	No Flag	520	526	475	507	511	101%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	No Flag	523	522	473	506	532	105%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	No Flag	530	529	478	512	537	105%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	No Flag	506	546	471	508	538	106%

Rating Criteria

Rating	Criteria
No Flag	Estimated Reported is >= 50%
Flag	Estimated Reported is < 50%
Insufficient data	State has < 15 records reported in current timeframe AND State has < 15 records reported in previous 3 year average AND Estimate Reported is <= 50%

Data Source: MCMIS non-fatal crash records for 12 months (plus 36 months prior average) that represent interstate and intrastate carriers and includes large truck and bus vehicle types.



Methodology for State Safety Data Quality (SSDQ)

(Results as of: September 26, 2008)

[Definitions](#)

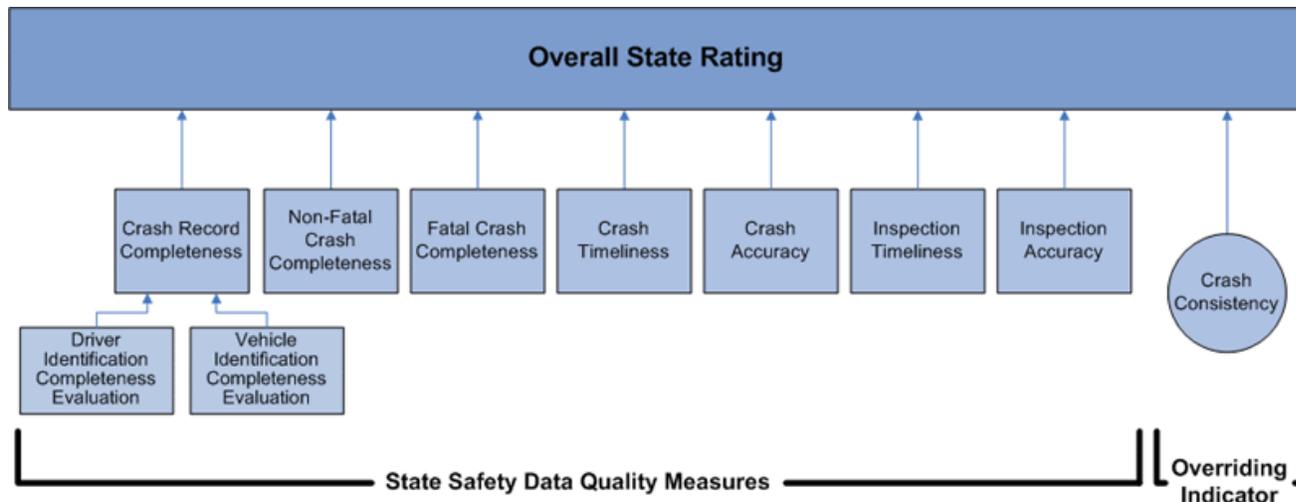
[Revision Notes](#)

The **Methodology for State Safety Data Quality (SSDQ)** was developed by FMCSA to evaluate the completeness, timeliness, accuracy, and consistency of the State-reported commercial motor vehicle crash and inspection records in the Motor Carrier Management Information System (MCMIS). The SSDQ evaluation uses a 12-month time period that ends three months prior to the MCMIS snapshot for each measure, unless otherwise stated in the rating description. Crash and inspection records were used in this evaluation if the date of the event occurred within the 12-month time period, not when the records were uploaded to MCMIS. The quality of this data is evaluated with each monthly snapshot and the States receive ratings of "Good," "Fair," or "Poor" for seven SSDQ Measures. Based on these individual ratings, plus the Overriding Indicator, each State receives an Overall State Rating. States also receive a Crash Rating that considers only the SSDQ Crash Measures and the Overriding Indicator. The methodology used to determine these ratings is provided below.

<u>Overall State Rating</u>	<u>Crash Rating</u>
State Safety Data Quality Measures	State Safety Data Quality Measures
<i>Crash</i>	<i>Crash</i>
1. Crash Record Completeness	1. Crash Record Completeness
a. Driver Identification	a. Driver Identification
b. Vehicle Identification	b. Vehicle Identification
2. Non-Fatal Crash Completeness	2. Non-Fatal Crash Completeness
3. Fatal Crash Completeness	3. Fatal Crash Completeness
4. Crash Timeliness	4. Crash Timeliness
5. Crash Accuracy	5. Crash Accuracy
<i>Inspection</i>	
6. Inspection Timeliness	
7. Inspection Accuracy	
Overriding Indicator	Overriding Indicator
1. Crash Consistency	1. Crash Consistency

State Safety Data Quality Ratings

Overall State Rating: Considers all seven SSDQ measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the measures and the Overriding Indicator. A State that has received a "red flag" will be automatically rated "Poor". A State with at least one "Good" measure and no "Poor" measures receives a "Good" rating. A State with only one "Poor" measure will receive a "Fair" rating, and any State with two or more "Poor" measures will receive a "Poor" rating. (See image below.)



The Overall State Rating is determined as follows:

Rating	Criteria
Good	 Minimum of 1 Good AND 0 Poor
Fair	 Maximum of 1 Poor
Poor	 2+ Poor OR Red Flagged
* States that are red flagged are automatically rated POOR overall.	

Crash Rating: Considers the five SSDQ crash measures and the Overriding Indicator, except measures with a rating of "Insufficient Data." States receive an overall score based on ratings in each of the crash measures and the Overriding Indicator. A State that has received a "red flag" will be automatically rated "Poor". A State with at least one "Good" measure and no "Poor" measures receives a "Good" rating. A State with only one "Poor" measure will receive a "Fair" rating, and any State with two or more "Poor" measures will receive a "Poor" rating. (See image below.)



The Crash Rating is determined as follows:

Rating		Criteria
Good	C	Minimum of 1 Good AND 0 Poor
Fair	Y	Maximum of 1 Poor
Poor	R	2+ Poor OR Red Flagged

* States that are red flagged are automatically rated POOR overall.

State Safety Data Quality Measures: *Crash*

Crash Record Completeness: Average of Driver and Vehicle Identification Completeness Evaluations

The Crash Record Completeness Measure evaluates fatal and non-fatal crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on the completeness of driver and vehicle crash data reported to FMCSA. A State's rating is determined by evaluating the completeness of the driver data and vehicle data separately and then averaging these results together. The completeness of the driver data is determined by the **Driver Identification Completeness Evaluation** and the completeness of the vehicle data is determined by the **Vehicle Identification Completeness Evaluation**.



Driver Identification Completeness Evaluation

This evaluation determines the percentage of State-reported **fatal and non-fatal** crash records in the MCMIS database with complete driver information (i.e., the number of crash records with complete driver information divided by the number of crash records reported) over a 12-month time period. A State-reported crash record is considered complete when the following information is provided: driver license number, driver date-of-birth, driver first name, driver last name, and license class. If **any** of this information is missing, a record is considered incomplete.

Vehicle Identification Completeness Evaluation

This evaluation determines the percentage of State-reported **fatal and non-fatal** crash records in the MCMIS database with complete vehicle information (i.e., the number of crash records with complete vehicle information divided by the number of crash records reported) over a 12-month time period. A State-reported crash record is considered complete when the following information is provided: vehicle identification number, license plate number, vehicle configuration, cargo body type, and gross vehicle weight rating. If **any** of this information is missing, a record is considered incomplete.

The Crash Record Completeness rating is determined as follows:

Rating		Criteria
Good	C	Percentage of completed driver and vehicle information is $\geq 85\%$
Fair	Y	Percentage of completed driver and vehicle information is 70 - 84%
Poor	R	Percentage of completed driver and vehicle information is $< 70\%$

Non-Fatal Crash Completeness: *Percentage of Non-Fatal Crash Records Reported*

The Non-Fatal Crash Completeness Measure evaluates crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on a ratio of reported to predicted non-fatal crash records reported to MCMIS. The number of reported non-fatal crash records was calculated using a 12-month time period that ends **six months** prior to the MCMIS snapshot date.

A statistical model was developed using data from eight States to predict the number of non-fatal reportable crash involvements. A three-year average of fatal crash records was entered into this model to derive the predicted non-fatal crash record values. Due to the inherent variability of crash data reporting by individual States, the Non-Fatal Crash Completeness Measure is intended to serve as a guideline to assess whether a State's non-fatal crash reporting falls within an expected range, as determined by the model.

As data from more States become available for analysis, the sample size for the model will increase, which should result in more precise predictions.

The percent non-fatal crash completeness is determined by dividing the number of reported non-fatal crash records by the number of predicted non-fatal crash records:

$$\% \text{ Non-Fatal Crash Completeness} = \frac{\# \text{ Reported Non-Fatals}}{\# \text{ Predicted Non-Fatals}}$$

The Non-Fatal Crash Completeness rating is determined as follows:

Rating		Criteria
Good		Percentage of non-fatal crash records reported is >= 75%
Fair		Percentage of non-fatal crash records reported is 50 - 74%
Poor		Percentage of non-fatal crash records reported is < 50%
Insufficient Data		State has < 15 average # of fatal crash records AND Percentage of non-fatal crash records reported is < 50%

Fatal Crash Completeness: *Percentage of Fatal Crash Records Reported*

The Fatal Crash Completeness Measure evaluates only those records that represent **large trucks** involved in fatal crashes that occurred within the calendar year. This measure determines a rating based on a comparison of the **number** of State-reported fatal crash records in MCMIS to the **number** of fatal crash records reported in the Fatality Analysis Reporting System (FARS). FARS is the national database of fatal motor vehicle crashes maintained by the National Highway Traffic Safety Administration (NHTSA).

The Fatal Crash Completeness rating is determined as follows:

Rating		Criteria
Good		MCMIS as a % of FARS is >= 90%
Fair		MCMIS as a % of FARS is 80 - 89%
Poor		MCMIS as a % of FARS is < 80%
Insufficient Data		State has < 15 FARS records AND MCMIS as a % of FARS is < 80%

Crash Timeliness: *Percentage of Crash Records Reported within 90 Days*

The Crash Timeliness Measure evaluates fatal and non-fatal crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of crash records reported to FMCSA within 90 days over a 12-month period.

The Crash Timeliness rating is determined as follows:

Rating		Criteria
Good		Percentage reported within 90 Days is >= 85%
Fair		Percentage reported within 90 Days is 60 - 84%
Poor		Percentage reported within 90 Days is < 60%
Insufficient Data		State has < 15 records reported in current timeframe AND percentage reported within 90 Days is < 60%

Crash Accuracy: *Percentage of Matched Crash Records*

The Crash Accuracy Measure evaluates fatal and non-fatal crash records that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of crash records reported by the State over a 12-month period that were matched to a company registered in MCMIS. (Crash records entered per FMCSA's "[Procedures for Entering Crashes without Carrier Identification into SAFETYNET](#)" are not evaluated by this measure.)

The Crash Accuracy rating is determined as follows:

Rating		Criteria
Good		Percentage of matched records is >= 95%
Fair		Percentage of matched records is 85 - 94%
Poor		Percentage of matched records is < 85%
Insufficient Data		State has < 15 records reported in current timeframe AND percentage of matched records is < 85%

State Safety Data Quality Measures: Inspection

Inspection Timeliness: *Percentage of Inspection Records Reported within 21 Days*

The Inspection Timeliness Measure evaluates inspection records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of inspection records reported to FMCSA within 21 days over a 12-month period.

The Inspection Timeliness rating is determined as follows:

Rating		Criteria
Good		Percentage reported within 21 Days is >= 85%
Fair		Percentage reported within 21 Days is 60 - 84%
Poor		Percentage reported within 21 Days is < 60%

Inspection Accuracy: *Percentage of Matched Inspection Records*

The Inspection Accuracy Measure evaluates inspection records that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. This measure determines a rating based on the percentage of inspection records reported by the States over a 12-month period that were matched to a company registered in MCMIS.

The Inspection Accuracy rating is determined as follows:

Rating		Criteria
Good		Percentage of matched records is >= 95%
Fair		Percentage of matched records is 85 - 94%
Poor		Percentage of matched records is < 85%

Overriding Indicator

Crash Consistency*: *Percentage of State-Reported Non-Fatal Crash Records*

The Crash Consistency Overriding Indicator evaluates non-fatal crash records that represent interstate and intrastate carriers and includes large truck and bus vehicle types. This "red flag" indicates States that have reported less than 50% of non-fatal crash records for the current 12-month period compared to the yearly average, based on the previous 36-months.

The Crash Consistency Overriding Indicator "flag" is determined as follows:

Rating		Criteria
No Flag		Estimate Reported is >= 50%
Red Flag		Estimate Reported is < 50%
Insufficient Data		State has < 15 records reported in current timeframe AND State has < 15 records reported in previous 3 year average AND Estimate Reported is <= 50%

* States that have an obvious and significant decline in crash record reporting will be categorized as Poor in the Overall State Rating and Crash Rating, without regard to their rating on other measures.

Definitions:

Large truck: Any truck having a gross vehicle weight rating (GVWR) of more than 10,000 pounds or a gross combination weight rating (GCWR) over 10,000 pounds.

Bus: A motor vehicle with seats for at least nine (9) people, including the driver's seat.

Interstate Carrier: Carriers that transport a commodity outside the state of its place of business.

Intrastate Carrier: Carriers that transport a commodity only within the state of its place of business.

Fatal Crash: A crash where one or more persons dies within 30 days of the crash. The fatality does not have to occur at the scene of the crash. It includes any person involved in the crash, including pedestrians and bicyclists, as well as occupants of the passenger cars and trucks.

Non-fatal crash: A crash where one or more persons has non-fatal injuries requiring transportation by a vehicle for the purpose of obtaining immediate medical attention; or one or more of the vehicles were towed away from the scene due to "disabling damage". The towed vehicle need not be the truck involved in the crash.

Revision Notes: Improvements or changes made to the "State Safety Data Quality" methodology are documented below.

October 30, 2007

The SSDQ Overall State Rating methodology has changed. It now includes the Crash Record Completeness Measure and the Non-Fatal Crash Completeness Measure. A Crash Rating has been developed to evaluate only crash data quality.

June 23, 2006

The Crash Accuracy Measure has changed. The crash accuracy analysis will now exclude all "Carrier Non-Identifiable" crash records. Changing this analysis will prevent records that are entered using FMCSA's guidelines on entering crash records without carrier identification from being included in the calculation of a State's accuracy measure.

March 31, 2006

The Crash and Inspection Timeliness Measure has changed. The timeliness analysis will now include "all" (both 'add' and 'change') records. Changing this analysis will allow all crash and inspection records uploaded to MCMIS within a specific timeframe to be evaluated. Previous releases only included 'add' records.

December 23, 2004

The crash and roadside inspection accuracy measures will include interstate carriers and intrastate hazardous material carriers in its analysis to determine the percentage of records reported in the MCMIS database that were matched to a motor carrier in MCMIS. Previous releases only included interstate carriers.