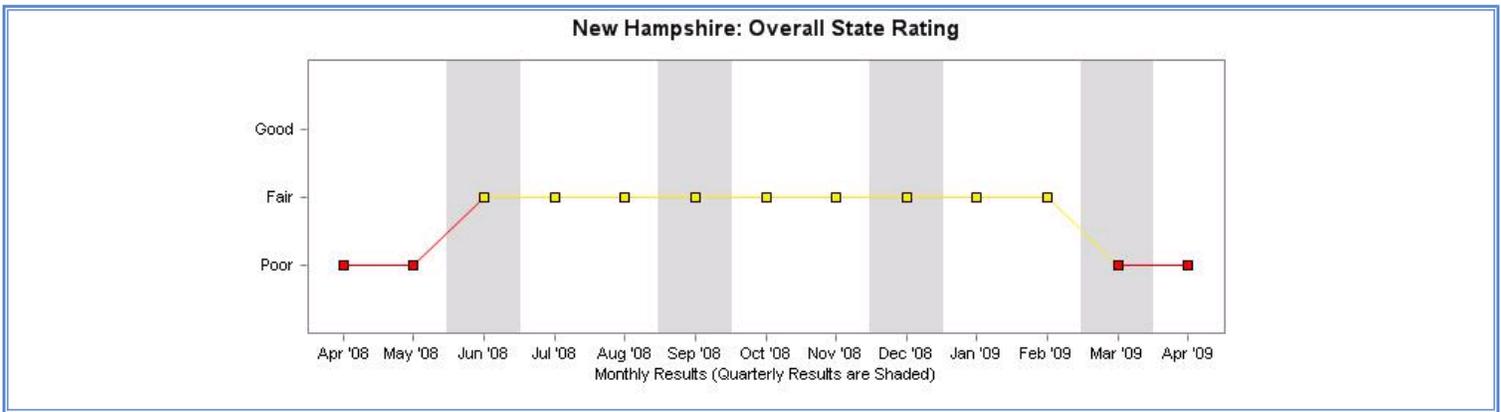


New Hampshire: Overall State Rating Report

Monthly Results as of: April 24, 2009

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		
Apr '09	4/24/2009	R	G	G	G	G	R	Y	G	Red Flagged	
Mar '09	3/27/2009	R	G	G	G	G	R	Y	G	Red Flagged	
Feb '09	2/20/2009	Y	G	G	G	G	R	Y	G	No Flag	
Jan '09	1/23/2009	Y	G	G	G	G	R	G	G	No Flag	
Dec '08	12/19/2008	Y	G	G	G	G	R	G	G	No Flag	
Nov '08	11/21/2008	Y	G	G	G	G	R	G	G	No Flag	
Oct '08	10/24/2008	Y	Y	G	G	G	R	G	G	No Flag	
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	

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

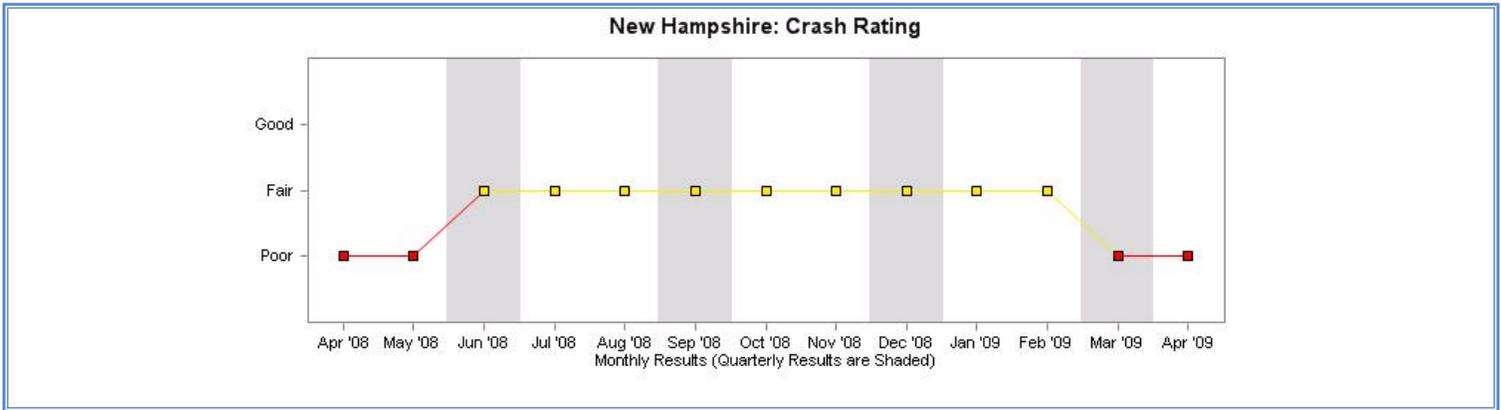
* States that are red flagged are automatically rated POOR overall.
 N/A: Data Not Available- New Measure implemented Sept '07.

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

New Hampshire: Crash Rating Report

Monthly Results as of: April 24, 2009

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
Apr '09	4/24/2009	R	G	G	G	G	R	▼
Mar '09	3/27/2009	R	G	G	G	G	R	▼
Feb '09	2/20/2009	Y	G	G	G	G	R	No Flag
Jan '09	1/23/2009	Y	G	G	G	G	R	No Flag
Dec '08	12/19/2008	Y	G	G	G	G	R	No Flag
Nov '08	11/21/2008	Y	G	G	G	G	R	No Flag
Oct '08	10/24/2008	Y	Y	G	G	G	R	No Flag
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

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.

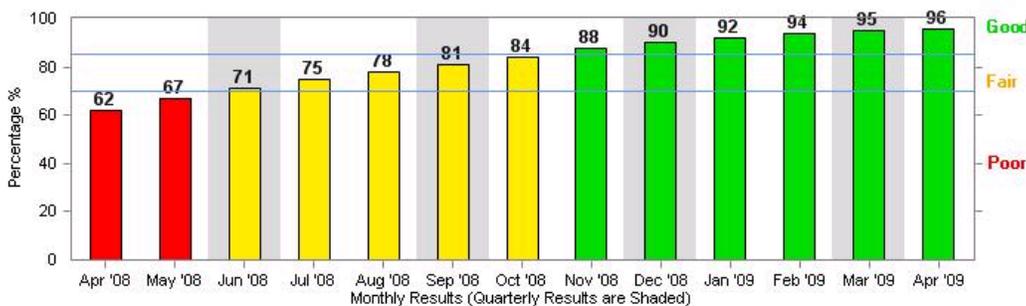
New Hampshire: Crash Record Completeness Measure Report

Monthly Results as of: April 24, 2009

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 State Data Analysis Reports for this measure: [Complete Record Analysis](#) | [Monthly Analysis](#) 

New Hampshire: Crash Record Completeness Measure



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
Apr '09	4/24/2009	2/1/2008 - 1/31/2009	G	95%	96%	96%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	G	93%	96%	95%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	G	93%	94%	94%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	G	92%	92%	92%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	G	90%	90%	90%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	G	87%	88%	88%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	Y	84%	83%	84%
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%

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
Apr '09	4/24/2009	178	169	95%	174	174	174	174	169
Mar '09	3/27/2009	231	214	93%	226	226	226	226	214
Feb '09	2/20/2009	311	290	93%	306	306	306	306	290
Jan '09	1/23/2009	349	322	92%	344	344	344	344	322
Dec '08	12/19/2008	388	348	90%	383	383	383	383	348
Nov '08	11/21/2008	418	364	87%	413	413	413	413	364
Oct '08	10/24/2008	452	381	84%	447	447	447	447	381
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

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
Apr '09	4/24/2009	178	171	96%	178	178	174	173	172
Mar '09	3/27/2009	231	221	96%	230	231	226	224	225
Feb '09	2/20/2009	311	292	94%	310	310	299	296	298
Jan '09	1/23/2009	349	322	92%	348	348	329	327	329
Dec '08	12/19/2008	388	351	90%	387	387	361	357	361
Nov '08	11/21/2008	418	367	88%	414	417	386	378	383
Oct '08	10/24/2008	452	376	83%	448	451	401	393	392
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

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%

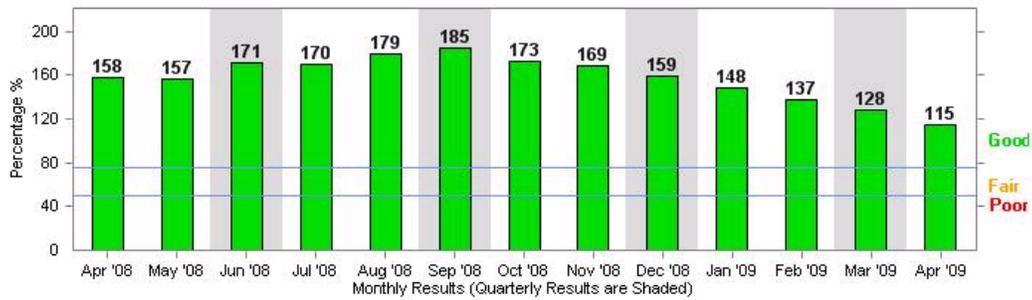
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

New Hampshire: Non-Fatal Crash Completeness Measure Report

Monthly Results as of: April 24, 2009

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



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
Apr '09	4/24/2009	G	11/1/2007 - 10/31/2008	298	342	115%	2007	12	7	12	10
Mar '09	3/27/2009	G	10/1/2007 - 9/30/2008	298	381	128%	2007	12	7	12	10
Feb '09	2/20/2009	G	9/1/2007 - 8/31/2008	298	409	137%	2007	12	7	12	10
Jan '09	1/23/2009	G	8/1/2007 - 7/31/2008	298	442	148%	2007	12	7	12	10
Dec '08	12/19/2008	G	7/1/2007 - 6/30/2008	298	475	159%	2007	12	7	12	10
Nov '08	11/21/2008	G	6/1/2007 - 5/31/2008	298	505	169%	2007	12	7	12	10
Oct '08	10/24/2008	G	5/1/2007 - 4/30/2008	298	515	173%	2007	12	7	12	10
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

Rating Criteria

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%

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

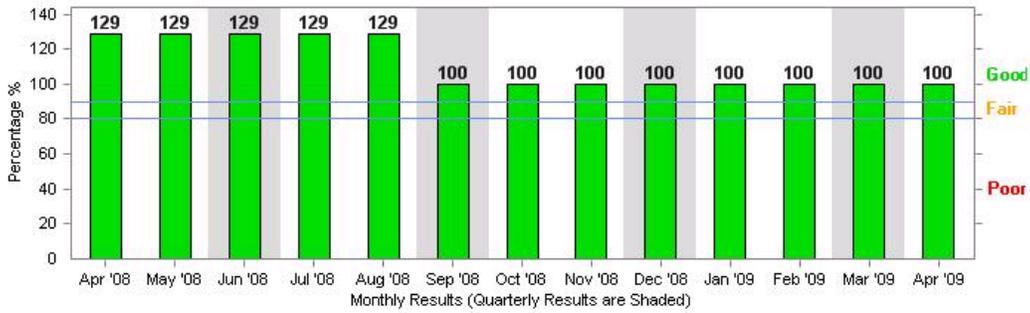
New Hampshire: Fatal Crash Completeness Measure Report

Monthly Results as of: April 24, 2009

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 State Data Analysis Reports for this measure: [Matching Tool](#)

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
Apr '09	4/24/2009	G	2007	10	10	100%
Mar '09	3/27/2009	G	2007	10	10	100%
Feb '09	2/20/2009	G	2007	10	10	100%
Jan '09	1/23/2009	G	2007	10	10	100%
Dec '08	12/19/2008	G	2007	10	10	100%
Nov '08	11/21/2008	G	2007	10	10	100%
Oct '08	10/24/2008	G	2007	10	10	100%
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%

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.

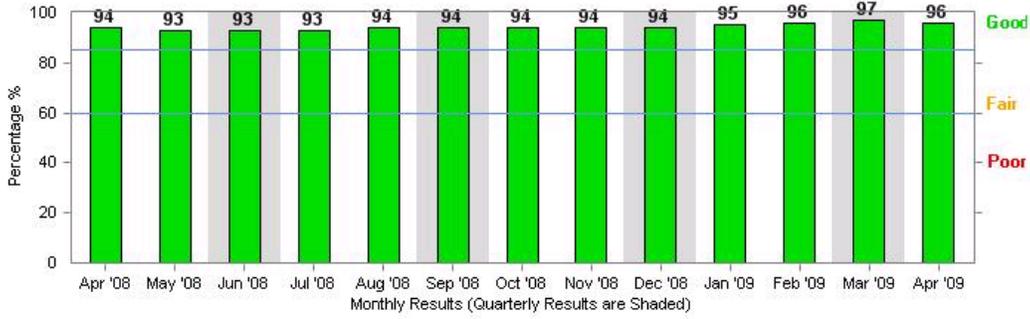
New Hampshire: Crash Timeliness Measure Report

Monthly Results as of: April 24, 2009

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

NEW State Data Analysis Reports for this measure: [Monthly Analysis](#) | [MCMIS Upload Frequency](#)

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
Apr '09	4/24/2009	2/1/2008 - 1/31/2009	G	178	171	96%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	G	231	223	97%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	G	311	300	96%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	G	349	331	95%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	G	388	363	94%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	G	418	392	94%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	G	452	426	94%
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%

Rating Criteria

Rating	Criteria
Good	G Percentage reported within 90 Days is >= 85%
Fair	Y Percentage reported within 90 Days is 60-84%
Poor	R Percentage reported within 90 Days is < 60%
Insufficient data	I 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.

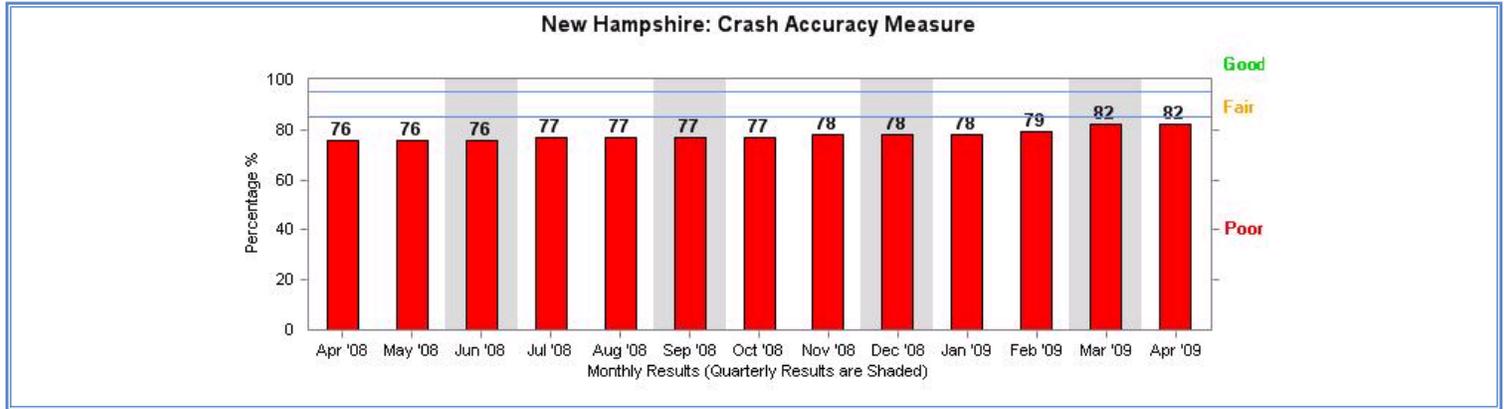
Restricted to Authorized FMCSA and State Enforcement Users. [A&I User Login Required](#)

New Hampshire: Crash Accuracy Measure Report

Monthly Results as of: April 24, 2009

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 State Data Analysis Report for this measure: [Agency and Badge #](#)



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		
Apr '09	4/24/2009	2/1/2008 - 1/31/2009	R	174	31	18%	143	82%		
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	R	228	42	18%	186	82%		
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	R	308	65	21%	243	79%		
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	R	346	75	22%	271	78%		
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	R	385	84	22%	301	78%		
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	R	414	92	22%	322	78%		
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	R	447	105	23%	342	77%		
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%		

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")

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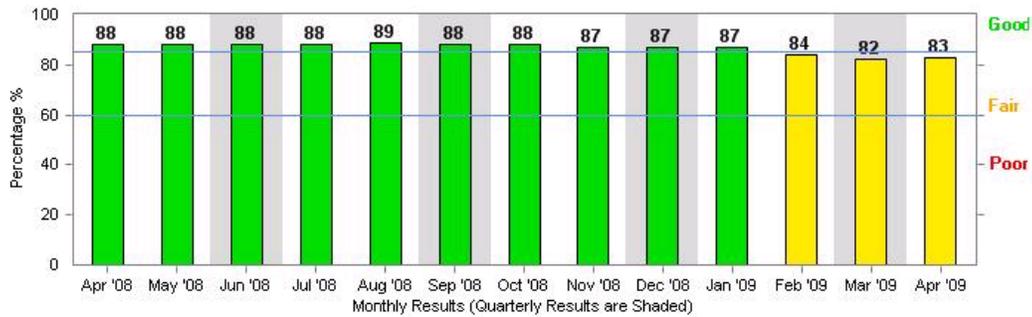
New Hampshire: Inspection Timeliness Measure Report

Monthly Results as of: April 24, 2009

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

NEW State Data Analysis Reports for this measure: [Monthly Analysis](#) | [Inspector ID](#) | [Facility Type & Insp. Level](#) | [County](#)

New Hampshire: Inspection Timeliness 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
Apr '09	4/24/2009	2/1/2008 - 1/31/2009	Y	11,126	9,182	83%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	Y	11,144	9,181	82%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	Y	10,947	9,243	84%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	G	10,955	9,556	87%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	G	10,561	9,233	87%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	G	10,031	8,756	87%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	G	10,311	9,107	88%
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%

Rating Criteria

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%

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

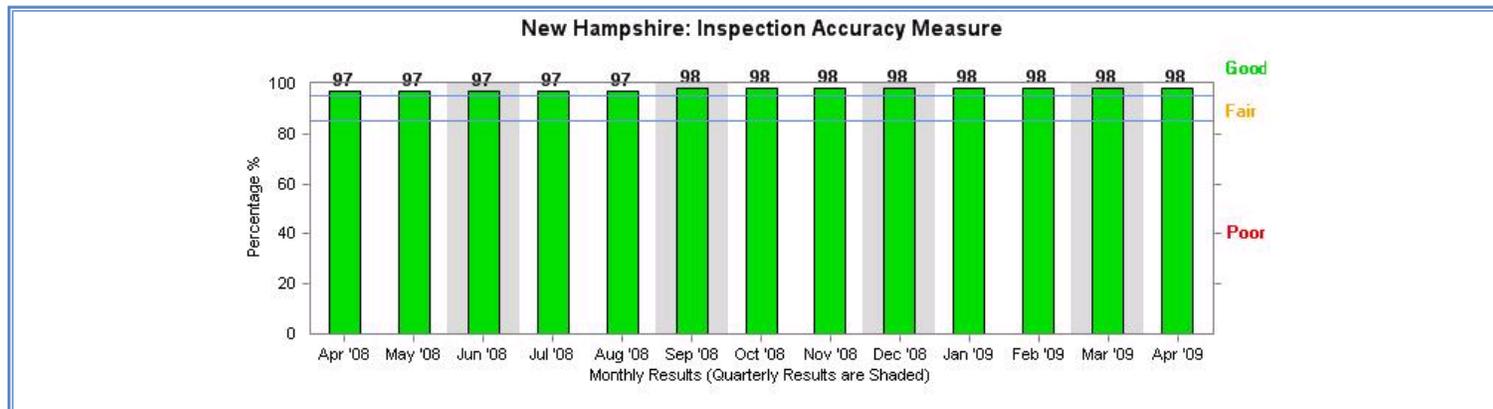
Restricted to Authorized FMCSA and State Enforcement Users. [A&I User Login Required](#)

New Hampshire: Inspection Accuracy Measure Report

Monthly Results as of: April 24, 2009

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 State Data Analysis Reports for this measure: [Inspector ID](#)



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		
Apr '09	4/24/2009	2/1/2008 - 1/31/2009	Good	9,615	187	2%	9,428	98%		
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	Good	9,635	187	2%	9,448	98%		
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	Good	9,475	192	2%	9,283	98%		
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	Good	9,488	197	2%	9,291	98%		
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	Good	9,191	197	2%	8,994	98%		
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	Good	8,728	211	2%	8,517	98%		
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	Good	8,976	214	2%	8,762	98%		
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Good	8,853	220	2%	8,633	98%		
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	8,684	226	3%	8,458	97%		
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	8,370	214	3%	8,156	97%		
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Good	8,036	207	3%	7,829	97%		
May '08	5/23/2008	3/1/2007 - 2/29/2008	Good	8,051	213	3%	7,838	97%		
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Good	8,151	222	3%	7,929	97%		

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

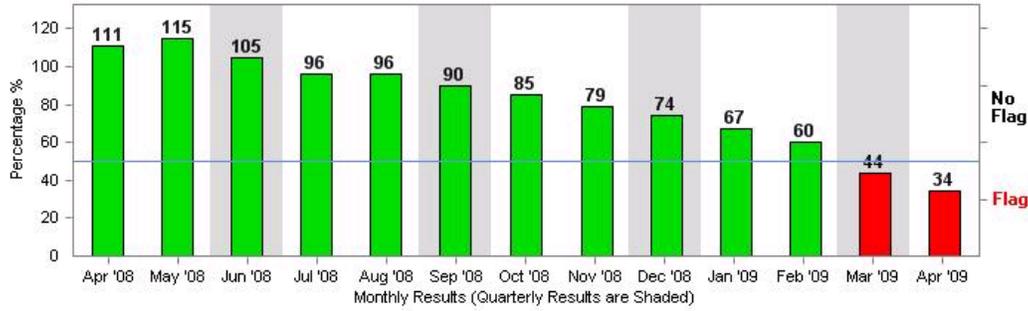
Restricted to Authorized FMCSA and State Enforcement Users. [A&I User Login Required](#)

New Hampshire: Crash Consistency Indicator Report

Monthly Results as of: April 24, 2009

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			
Apr '09	4/24/2009	2/1/2008 - 1/31/2009	Flag	459	484	566	503	171	34%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	Flag	491	477	567	512	224	44%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	No Flag	530	479	522	510	306	60%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	No Flag	526	484	525	512	342	67%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	No Flag	522	481	540	514	381	74%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	No Flag	529	485	544	519	410	79%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	No Flag	546	478	548	524	443	85%
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%

Rating Criteria

Rating		Criteria
No Flag	No Flag	Estimated Reported is >= 50%
Flag	Flag	Estimated Reported is < 50%
Insufficient data	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: April 24, 2009)

[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	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.	

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.