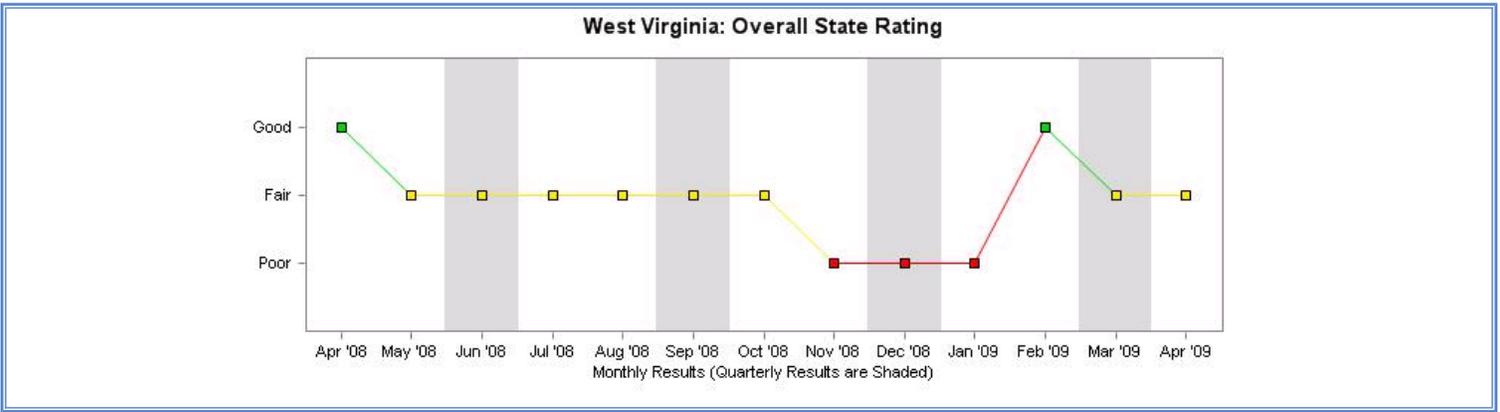


West Virginia: Overall State Rating Report

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](#))



West Virginia: 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	Y	G	Y	G	R	G	G	G	No Flag	
Mar '09	3/27/2009	Y	Y	Y	G	R	G	G	G	No Flag	
Feb '09	2/20/2009	G	Y	Y	G	Y	Y	G	G	No Flag	
Jan '09	1/23/2009	R	R	R	G	G	Y	G	G	⚠	
Dec '08	12/19/2008	R	R	Y	G	G	Y	G	G	⚠	
Nov '08	11/21/2008	R	R	Y	G	G	R	G	G	No Flag	
Oct '08	10/24/2008	Y	R	Y	G	G	Y	G	G	No Flag	
Sep '08	9/26/2008	Y	R	Y	G	G	Y	G	G	No Flag	
Aug '08	8/22/2008	Y	R	Y	G	G	Y	G	G	No Flag	
Jul '08	7/25/2008	Y	R	Y	G	G	Y	G	G	No Flag	
Jun '08	6/20/2008	Y	R	Y	G	G	Y	G	G	No Flag	
May '08	5/23/2008	Y	R	Y	G	G	Y	G	G	No Flag	
Apr '08	4/25/2008	G	Y	Y	G	G	Y	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

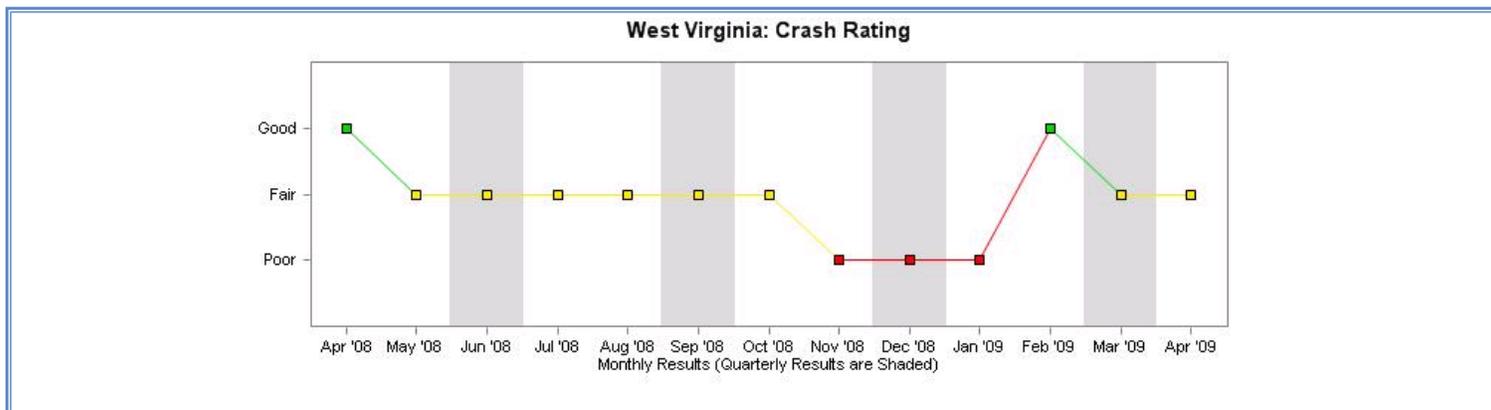
* States that are red flagged are automatically rated POOR overall.
 N/A: Data Not Available- New Measure implemented Sept '07.

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

West Virginia: 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](#))



West Virginia: 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	Y	G	Y	G	R	G	No Flag
Mar '09	3/27/2009	Y	Y	Y	G	R	G	No Flag
Feb '09	2/20/2009	G	Y	Y	G	Y	Y	No Flag
Jan '09	1/23/2009	R	R	R	G	G	Y	⚠
Dec '08	12/19/2008	R	R	Y	G	G	Y	⚠
Nov '08	11/21/2008	R	R	Y	G	G	R	No Flag
Oct '08	10/24/2008	Y	R	Y	G	G	Y	No Flag
Sep '08	9/26/2008	Y	R	Y	G	G	Y	No Flag
Aug '08	8/22/2008	Y	R	Y	G	G	Y	No Flag
Jul '08	7/25/2008	Y	R	Y	G	G	Y	No Flag
Jun '08	6/20/2008	Y	R	Y	G	G	Y	No Flag
May '08	5/23/2008	Y	R	Y	G	G	Y	No Flag
Apr '08	4/25/2008	G	Y	Y	G	G	Y	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.

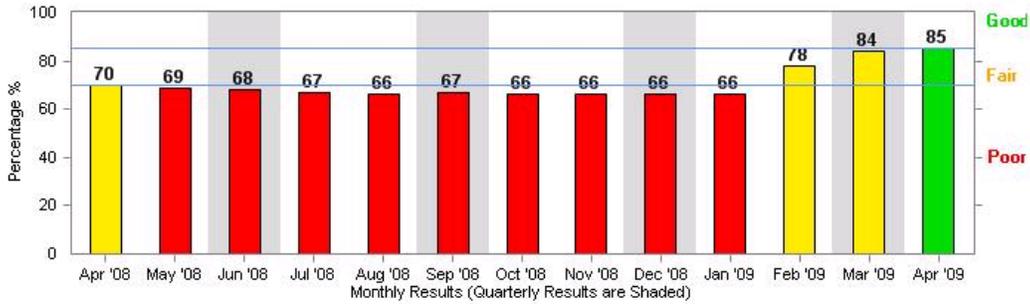
West Virginia: Crash Record Completeness Measure Report

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](#)

West Virginia: Crash Record Completeness Measure



West Virginia: 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	89%	81%	85%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	Y	88%	79%	84%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	Y	84%	71%	78%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	R	76%	56%	66%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	R	74%	57%	66%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	R	74%	57%	66%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	R	74%	58%	66%
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	R	75%	59%	67%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	R	74%	58%	66%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	R	75%	59%	67%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	R	76%	60%	68%
May '08	5/23/2008	3/1/2007 - 2/29/2008	R	77%	60%	69%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Y	78%	61%	70%

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	966	859	89%	945	943	961	961	883
Mar '09	3/27/2009	971	854	88%	946	948	965	965	878
Feb '09	2/20/2009	771	651	84%	750	749	767	767	677
Jan '09	1/23/2009	473	360	76%	459	436	469	469	391
Dec '08	12/19/2008	508	376	74%	494	469	504	504	408
Nov '08	11/21/2008	580	428	74%	564	535	576	576	465
Oct '08	10/24/2008	647	478	74%	626	599	639	639	515
Sep '08	9/26/2008	722	539	75%	701	672	714	714	578
Aug '08	8/22/2008	772	574	74%	755	718	764	764	612
Jul '08	7/25/2008	808	606	75%	790	754	799	799	643
Jun '08	6/20/2008	871	658	76%	851	816	861	861	695
May '08	5/23/2008	923	710	77%	906	876	916	916	742
Apr '08	4/25/2008	975	762	78%	959	929	968	968	791

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	966	786	81%	961	940	939	905	847
Mar '09	3/27/2009	971	770	79%	966	947	941	906	830
Feb '09	2/20/2009	771	546	71%	767	754	739	698	603
Jan '09	1/23/2009	473	267	56%	470	466	439	395	318
Dec '08	12/19/2008	508	290	57%	504	501	469	435	343
Nov '08	11/21/2008	580	329	57%	574	571	538	499	388
Oct '08	10/24/2008	647	375	58%	639	638	605	563	435
Sep '08	9/26/2008	722	423	59%	711	711	675	629	491
Aug '08	8/22/2008	772	449	58%	762	761	716	668	520
Jul '08	7/25/2008	808	475	59%	797	796	747	706	544
Jun '08	6/20/2008	871	525	60%	860	859	808	766	595
May '08	5/23/2008	923	558	60%	912	910	860	814	631
Apr '08	4/25/2008	975	596	61%	963	963	911	865	672

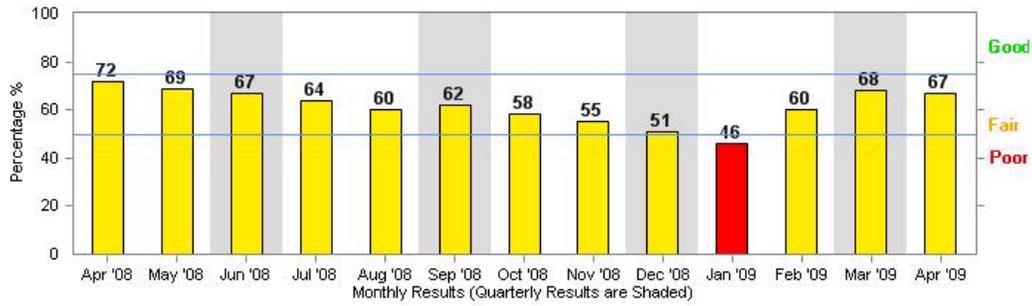
Rating Criteria		
Rating		Criteria
Good		Percentage of completed driver and vehicle information is >= 85%
Fair		Percentage of completed driver and vehicle information is 70-84%
Poor		Percentage of completed driver and vehicle information is < 70%

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.

West Virginia: 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](#))

West Virginia: Non-Fatal Crash Completeness Measure



West Virginia: 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	Y	11/1/2007 - 10/31/2008	1,325	884	67%	2007	50	47	47	48
Mar '09	3/27/2009	Y	10/1/2007 - 9/30/2008	1,325	900	68%	2007	50	47	47	48
Feb '09	2/20/2009	Y	9/1/2007 - 8/31/2008	1,325	800	60%	2007	50	47	47	48
Jan '09	1/23/2009	R	8/1/2007 - 7/31/2008	1,325	615	46%	2007	50	47	47	48
Dec '08	12/19/2008	Y	7/1/2007 - 6/30/2008	1,325	681	51%	2007	50	47	47	48
Nov '08	11/21/2008	Y	6/1/2007 - 5/31/2008	1,325	729	55%	2007	50	47	47	48
Oct '08	10/24/2008	Y	5/1/2007 - 4/30/2008	1,325	767	58%	2007	50	47	47	48
Sep '08	9/26/2008	Y	4/1/2007 - 3/31/2008	1,325	819	62%	2007	50	47	47	48
Aug '08	8/22/2008	Y	3/1/2007 - 2/29/2008	1,443	871	60%	2006	63	50	47	53
Jul '08	7/25/2008	Y	2/1/2007 - 1/31/2008	1,443	925	64%	2006	63	50	47	53
Jun '08	6/20/2008	Y	1/1/2007 - 12/31/2007	1,443	968	67%	2006	63	50	47	53
May '08	5/23/2008	Y	12/1/2006 - 11/30/2007	1,443	996	69%	2006	63	50	47	53
Apr '08	4/25/2008	Y	11/1/2006 - 10/31/2007	1,443	1,035	72%	2006	63	50	47	53

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.

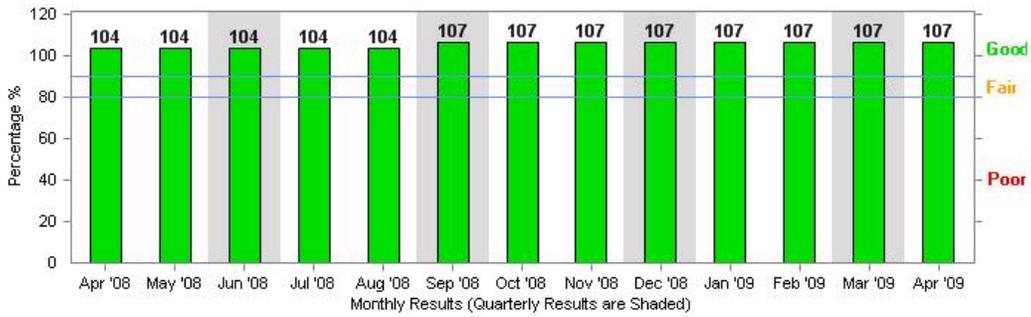
West Virginia: Fatal Crash Completeness Measure Report

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](#)

West Virginia: Fatal Crash Completeness Measure



West Virginia: 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	45	48	107%
Mar '09	3/27/2009	G	2007	45	48	107%
Feb '09	2/20/2009	G	2007	45	48	107%
Jan '09	1/23/2009	G	2007	45	48	107%
Dec '08	12/19/2008	G	2007	45	48	107%
Nov '08	11/21/2008	G	2007	45	48	107%
Oct '08	10/24/2008	G	2007	45	48	107%
Sep '08	9/26/2008	G	2007	45	48	107%
Aug '08	8/22/2008	G	2006	45	47	104%
Jul '08	7/25/2008	G	2006	45	47	104%
Jun '08	6/20/2008	G	2006	45	47	104%
May '08	5/23/2008	G	2006	45	47	104%
Apr '08	4/25/2008	G	2006	45	47	104%

Rating Criteria

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%

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

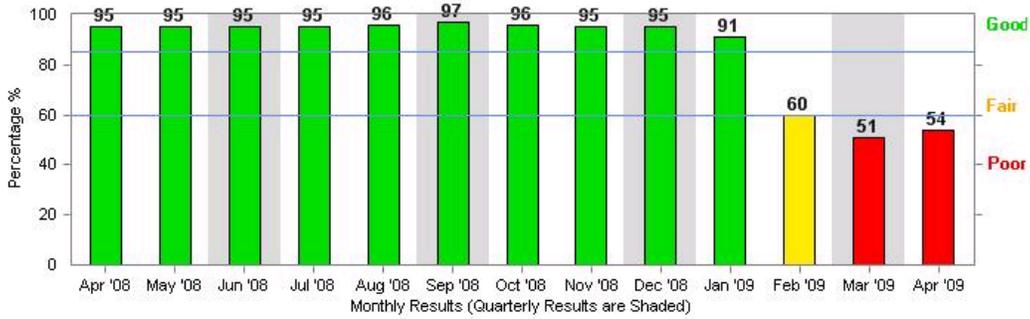
West Virginia: Crash Timeliness Measure Report

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](#)

West Virginia: Crash Timeliness Measure



West Virginia: 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	P	966	519	54%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	P	971	492	51%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	F	771	462	60%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	G	473	432	91%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	G	508	483	95%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	G	580	550	95%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	G	647	624	96%
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	722	698	97%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	772	741	96%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	808	770	95%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	871	827	95%
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	923	875	95%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	975	925	95%

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.

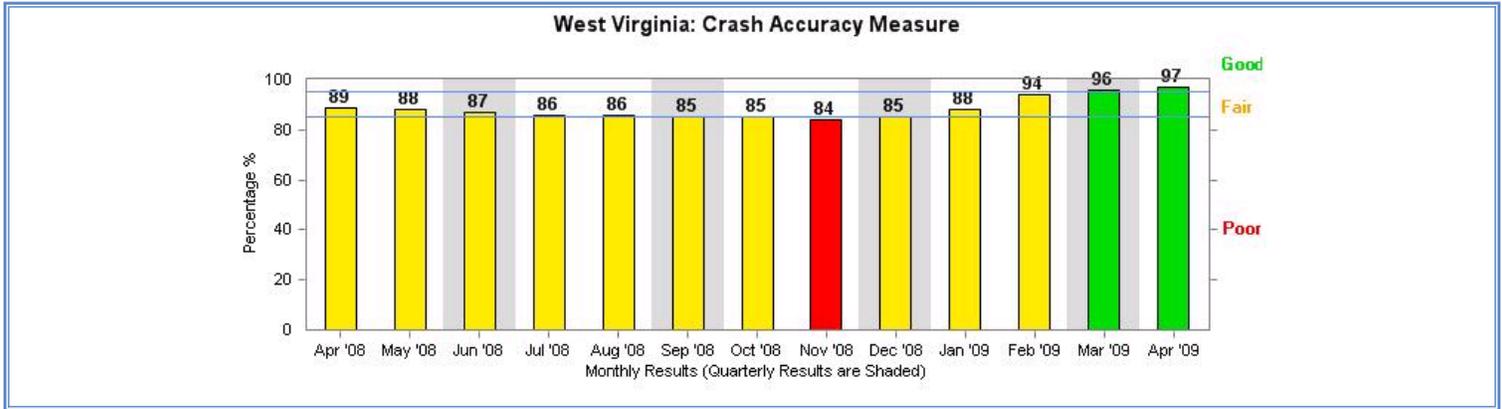
Restricted to Authorized FMCSA and State Enforcement Users. [A&I User Login Required](#)

West Virginia: 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 #](#)



West Virginia: 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	G	792	25	3%	767	97%		
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	G	795	32	4%	763	96%		
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	Y	622	37	6%	585	94%		
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	Y	424	51	12%	373	88%		
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	Y	467	72	15%	395	85%		
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	R	535	86	16%	449	84%		
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	Y	597	91	15%	506	85%		
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Y	666	99	15%	567	85%		
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Y	715	100	14%	615	86%		
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Y	747	103	14%	644	86%		
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Y	807	103	13%	704	87%		
May '08	5/23/2008	3/1/2007 - 2/29/2008	Y	859	101	12%	758	88%		
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Y	918	97	11%	821	89%		

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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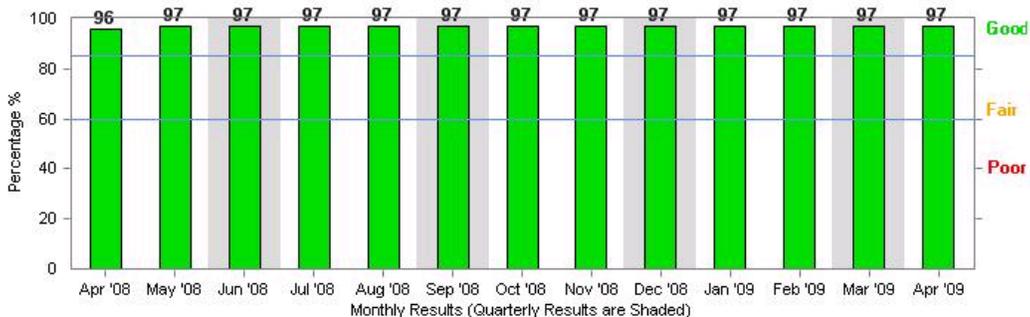
West Virginia: Inspection Timeliness Measure Report

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](#) 

West Virginia: Inspection Timeliness Measure



West Virginia: 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	G	30,477	29,687	97%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	G	30,198	29,381	97%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	G	29,046	28,269	97%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	G	28,967	28,118	97%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	G	28,451	27,528	97%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	G	28,017	27,219	97%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	G	27,622	26,847	97%
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	26,617	25,845	97%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	25,877	25,129	97%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	25,518	24,777	97%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	24,761	23,991	97%
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	24,774	23,922	97%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	24,406	23,471	96%

Rating Criteria

Rating	Criteria
Good G	Percentage reported within 21 Days is >= 85%
Fair Y	Percentage reported within 21 Days is 60-84%
Poor R	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](#)

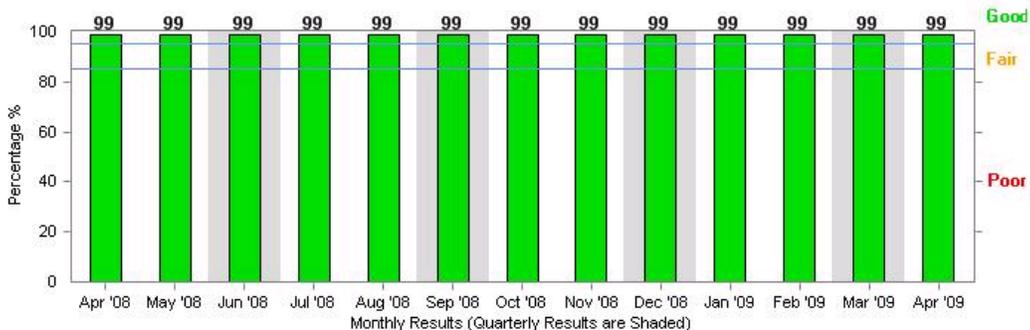
West Virginia: Inspection Accuracy Measure Report

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](#)

West Virginia: Inspection Accuracy Measure



West Virginia: 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	25,564	208	1%	25,356	99%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	Good	25,345	209	1%	25,136	99%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	Good	24,439	209	1%	24,230	99%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	Good	24,321	217	1%	24,104	99%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	Good	23,790	244	1%	23,546	99%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	Good	23,446	244	1%	23,202	99%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	Good	23,025	245	1%	22,780	99%
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Good	22,187	239	1%	21,948	99%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	21,481	233	1%	21,248	99%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	21,019	245	1%	20,774	99%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Good	20,391	244	1%	20,147	99%
May '08	5/23/2008	3/1/2007 - 2/29/2008	Good	20,488	255	1%	20,233	99%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Good	20,138	257	1%	19,881	99%

Rating Criteria

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

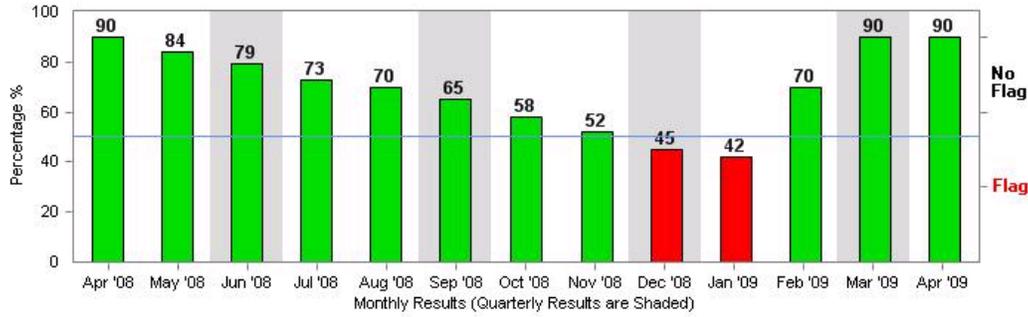
Restricted to Authorized FMCSA and State Enforcement Users. [A&I User Login Required](#)

West Virginia: 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. [\(View Methodology\)](#)

West Virginia: Crash Consistency Overriding Indicator



West Virginia: 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	No Flag	1,046	1,042	1,009	1,032	930	90%
Mar '09	3/27/2009	1/1/2008 - 12/31/2008	No Flag	1,048	1,026	1,027	1,034	930	90%
Feb '09	2/20/2009	12/1/2007 - 11/30/2008	No Flag	1,053	1,040	1,052	1,048	731	70%
Jan '09	1/23/2009	11/1/2007 - 10/31/2008	Flag	1,056	1,038	1,035	1,043	438	42%
Dec '08	12/19/2008	10/1/2007 - 9/30/2008	Flag	1,051	1,030	1,048	1,043	470	45%
Nov '08	11/21/2008	9/1/2007 - 8/31/2008	No Flag	1,060	1,039	1,050	1,050	541	52%
Oct '08	10/24/2008	8/1/2007 - 7/31/2008	No Flag	1,065	1,051	1,062	1,059	612	58%
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	No Flag	1,060	1,052	1,062	1,058	683	65%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	No Flag	1,043	1,062	1,055	1,053	733	70%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	No Flag	1,048	1,043	1,069	1,053	768	73%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	No Flag	1,038	1,044	1,058	1,047	825	79%
May '08	5/23/2008	3/1/2007 - 2/29/2008	No Flag	1,031	1,050	1,051	1,044	876	84%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	No Flag	1,023	1,046	1,031	1,033	927	90%

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](#)

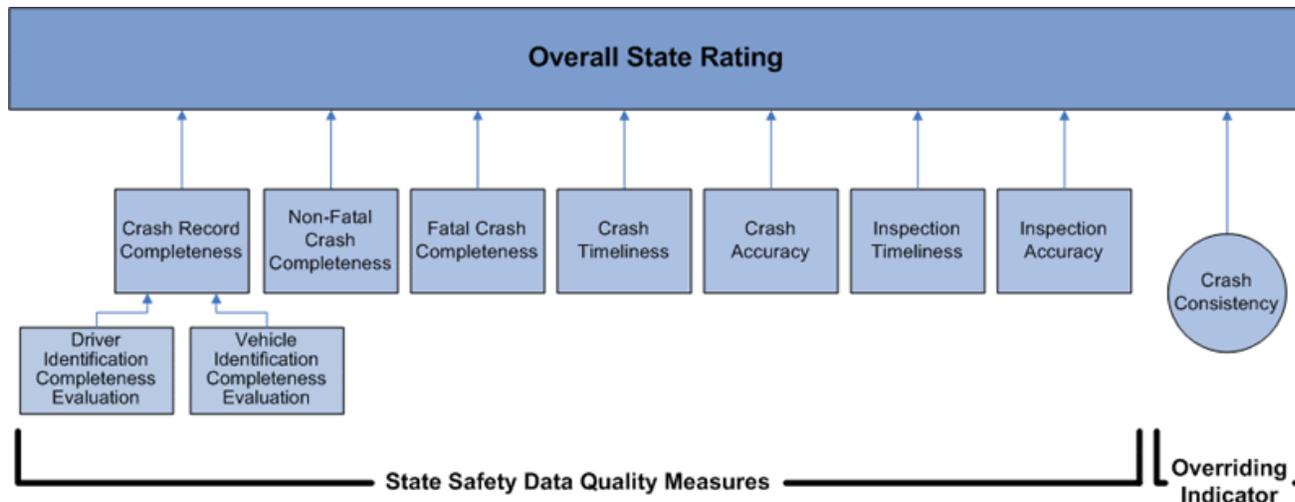
[Revision Notes](#)

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	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.

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	G	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.