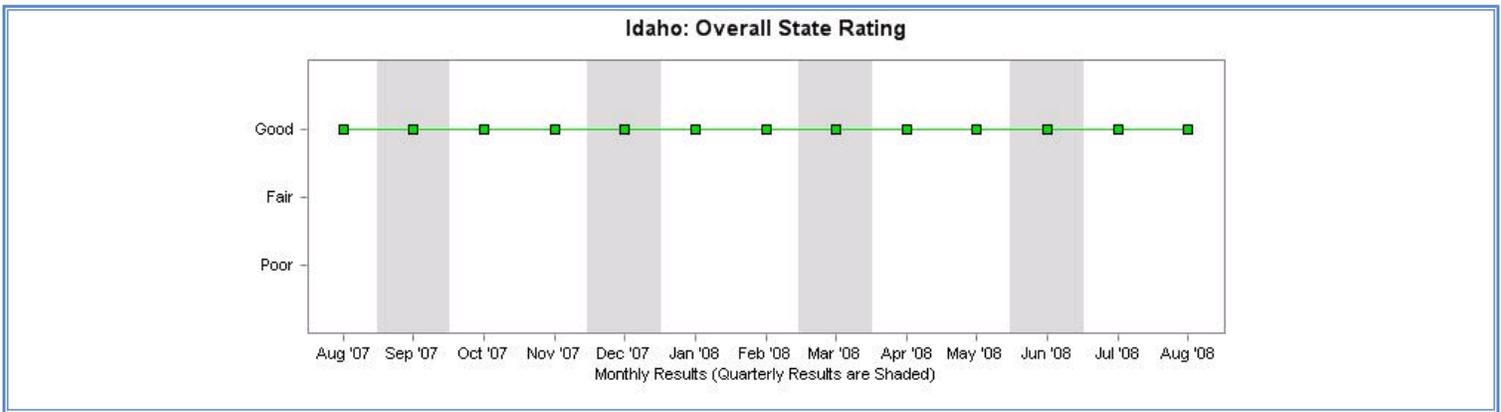


**Idaho: Overall State Rating Report**  
**Monthly Results as of : August 22, 2008**

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](#))



**Idaho: Overall State Rating**

Monthly Results	MCMIS Run Date	Overall State Rating	State Data Quality Measures								Overriding Indicator *
			Crash					Inspection			
			Crash Record Completeness	Non-Fatal Crash Completeness	Fatal Crash Completeness	Crash Timeliness	Crash Accuracy	Inspection Timeliness	Inspection Accuracy	Crash Consistency	
Aug '08	8/22/2008	G	G	G	G	G	G	G	G	No Flag	
Jul '08	7/25/2008	G	G	G	G	G	G	G	G	No Flag	
Jun '08	6/20/2008	G	G	G	G	G	G	G	G	No Flag	
May '08	5/23/2008	G	G	G	G	G	G	G	G	No Flag	
Apr '08	4/25/2008	G	G	G	G	G	G	G	G	No Flag	
Mar '08	3/28/2008	G	G	G	G	G	G	G	G	No Flag	
Feb '08	2/22/2008	G	G	G	G	G	G	G	G	No Flag	
Jan '08	1/25/2008	G	G	G	G	G	G	G	G	No Flag	
Dec '07	12/21/2007	G	G	G	G	G	Y	G	G	No Flag	
Nov '07	11/30/2007	G	G	G	G	G	Y	G	G	No Flag	
Oct '07	10/26/2007	G	G	G	G	G	Y	G	G	No Flag	
Sep '07	9/21/2007	G	Y	G	G	G	Y	G	G	No Flag	
Aug '07	8/24/2007	G	N/A	N/A	G	G	G	G	G	No Flag	

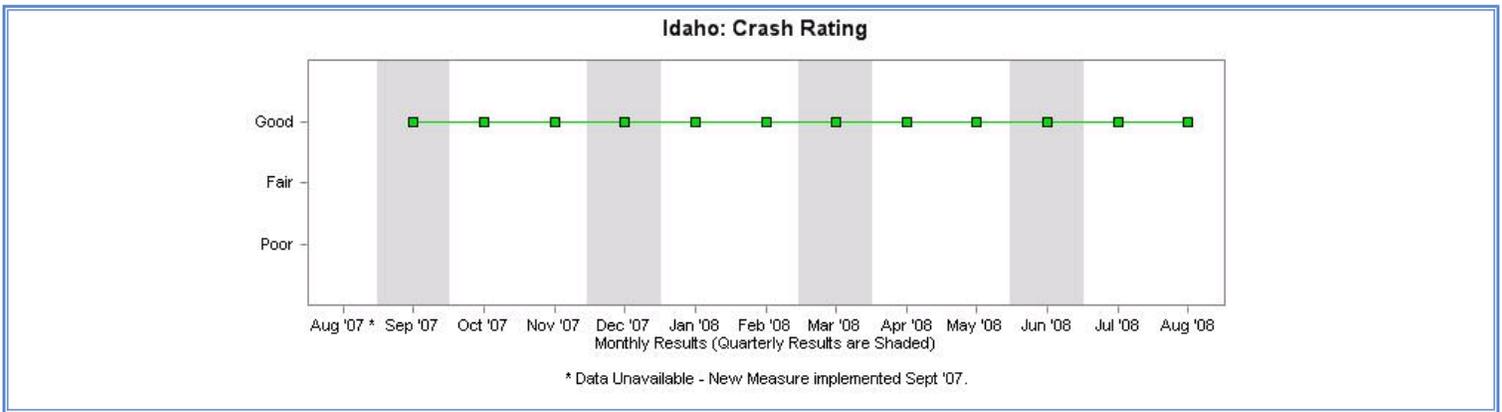
Overall State Rating Description		
Rating		Criteria
Good	G	Minimum of 1 Good AND 0 Poor
Fair	Y	Maximum of 1 Poor
Poor	R	2+ Poor OR Red Flagged

\* 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.

**Idaho: Crash Rating Report**  
**Monthly Results as of : August 22, 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](#))



Idaho: 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
Aug '08	8/22/2008	G	G	G	G	G	G	No Flag
Jul '08	7/25/2008	G	G	G	G	G	G	No Flag
Jun '08	6/20/2008	G	G	G	G	G	G	No Flag
May '08	5/23/2008	G	G	G	G	G	G	No Flag
Apr '08	4/25/2008	G	G	G	G	G	G	No Flag
Mar '08	3/28/2008	G	G	G	G	G	G	No Flag
Feb '08	2/22/2008	G	G	G	G	G	G	No Flag
Jan '08	1/25/2008	G	G	G	G	G	G	No Flag
Dec '07	12/21/2007	G	G	G	G	G	Y	No Flag
Nov '07	11/30/2007	G	G	G	G	G	Y	No Flag
Oct '07	10/26/2007	G	G	G	G	G	Y	No Flag
Sep '07	9/21/2007	G	Y	G	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

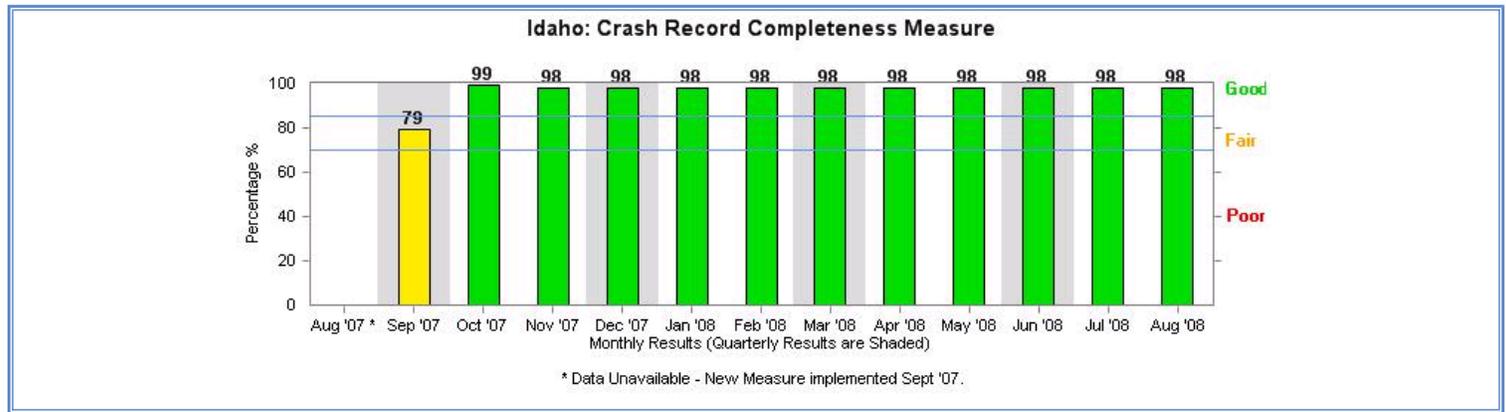
\* States that are red flagged are automatically rated POOR overall.

Data Source: FARS records and MCMIS crash records.

# Idaho: Crash Record Completeness Measure Report

Monthly Results as of : August 22, 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](#).



Idaho: Crash Record Completeness Measure							<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Event Date Range	Rating	Driver Identification Completeness Evaluation	Vehicle Identification Completeness Evaluation	Crash Record Completeness	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	96%	100%	98%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	96%	100%	98%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	96%	100%	98%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	96%	100%	98%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	96%	99%	98%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	96%	99%	98%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	97%	99%	98%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	97%	99%	98%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	97%	99%	98%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	97%	99%	98%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	98%	99%	99%	
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	Y	61%	96%	79%	

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
Aug '08	8/22/2008	880	846	96%	850	861	868	868	848
Jul '08	7/25/2008	885	851	96%	857	866	873	873	853
Jun '08	6/20/2008	835	800	96%	806	815	822	822	802
May '08	5/23/2008	878	842	96%	848	858	865	865	845
Apr '08	4/25/2008	859	826	96%	830	841	845	845	828
Mar '08	3/28/2008	846	814	96%	817	829	832	832	815
Feb '08	2/22/2008	836	808	97%	811	820	824	824	809
Jan '08	1/25/2008	859	831	97%	834	842	846	846	832
Dec '07	12/21/2007	843	818	97%	822	832	835	835	819
Nov '07	11/30/2007	842	820	97%	824	832	833	833	821
Oct '07	10/26/2007	849	828	98%	832	839	840	840	829
Sep '07	9/21/2007	833	512	61%	816	820	823	823	514

## 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
Aug '08	8/22/2008	880	880	100%	880	880	880	880	880
Jul '08	7/25/2008	885	883	100%	885	885	885	883	885
Jun '08	6/20/2008	835	833	100%	835	835	835	833	835
May '08	5/23/2008	878	875	100%	878	877	878	876	878
Apr '08	4/25/2008	859	854	99%	859	858	859	855	859
Mar '08	3/28/2008	846	837	99%	846	846	846	837	846
Feb '08	2/22/2008	836	827	99%	836	836	836	827	836
Jan '08	1/25/2008	859	850	99%	859	859	859	850	859
Dec '07	12/21/2007	843	834	99%	843	843	843	834	843
Nov '07	11/30/2007	842	833	99%	842	842	842	833	842
Oct '07	10/26/2007	849	839	99%	848	849	849	840	849
Sep '07	9/21/2007	833	799	96%	823	830	833	811	833

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%

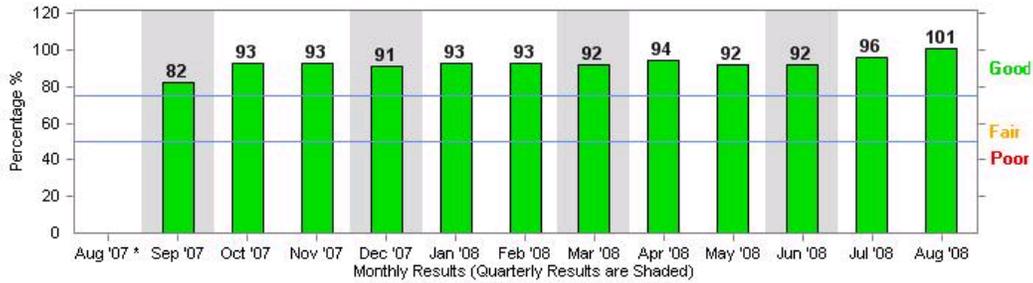
**Data Source:** MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

# Idaho: Non-Fatal Crash Completeness Measure Report

Monthly Results as of : August 22, 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](#))

## Idaho: Non-Fatal Crash Completeness Measure



\* Data Unavailable - New Measure implemented Sept '07.

### Idaho: 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
Aug '08	8/22/2008	G	3/1/2007 - 2/29/2008	891	902	101%	2006	29	32	24	28
Jul '08	7/25/2008	G	2/1/2007 - 1/31/2008	891	858	96%	2006	29	32	24	28
Jun '08	6/20/2008	G	1/1/2007 - 12/31/2007	891	816	92%	2006	29	32	24	28
May '08	5/23/2008	G	12/1/2006 - 11/30/2007	891	818	92%	2006	29	32	24	28
Apr '08	4/25/2008	G	11/1/2006 - 10/31/2007	891	835	94%	2006	29	32	24	28
Mar '08	3/28/2008	G	10/1/2006 - 9/30/2007	891	819	92%	2006	29	32	24	28
Feb '08	2/22/2008	G	9/1/2006 - 8/31/2007	891	825	93%	2006	29	32	24	28
Jan '08	1/25/2008	G	8/1/2006 - 7/31/2007	891	827	93%	2006	29	32	24	28
Dec '07	12/21/2007	G	7/1/2006 - 6/30/2007	891	812	91%	2006	29	32	24	28
Nov '07	11/30/2007	G	6/1/2006 - 5/31/2007	891	826	93%	2006	29	32	24	28
Oct '07	10/26/2007	G	5/1/2006 - 4/30/2007	891	825	93%	2006	29	32	24	28
Sep '07	9/21/2007	G	4/1/2006 - 3/31/2007	891	816	82%	2006	29	32	24	28

#### Rating Criteria

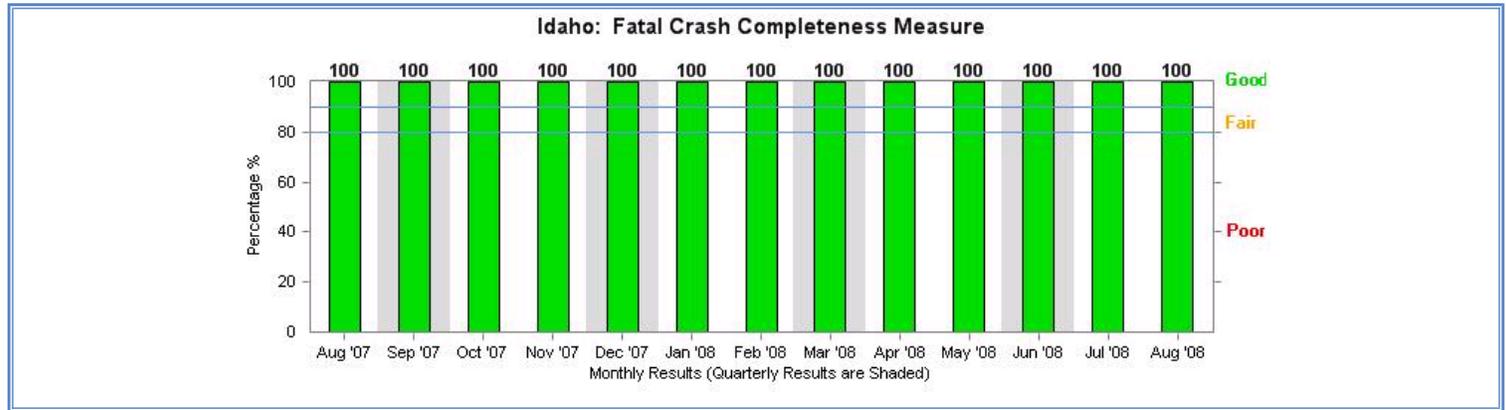
Rating	Criteria
Good <span style="color: green;">G</span>	Percentage of non-fatal crash records reported is >= 75%
Fair <span style="color: yellow;">Y</span>	Percentage of non-fatal crash records reported is 50-75%
Poor <span style="color: red;">P</span>	Percentage of non-fatal crash records reported is < 50%
Insufficient Data <span style="color: gray;">I</span>	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.

## Idaho: Fatal Crash Completeness Measure Report

Monthly Results as of : August 22, 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](#))



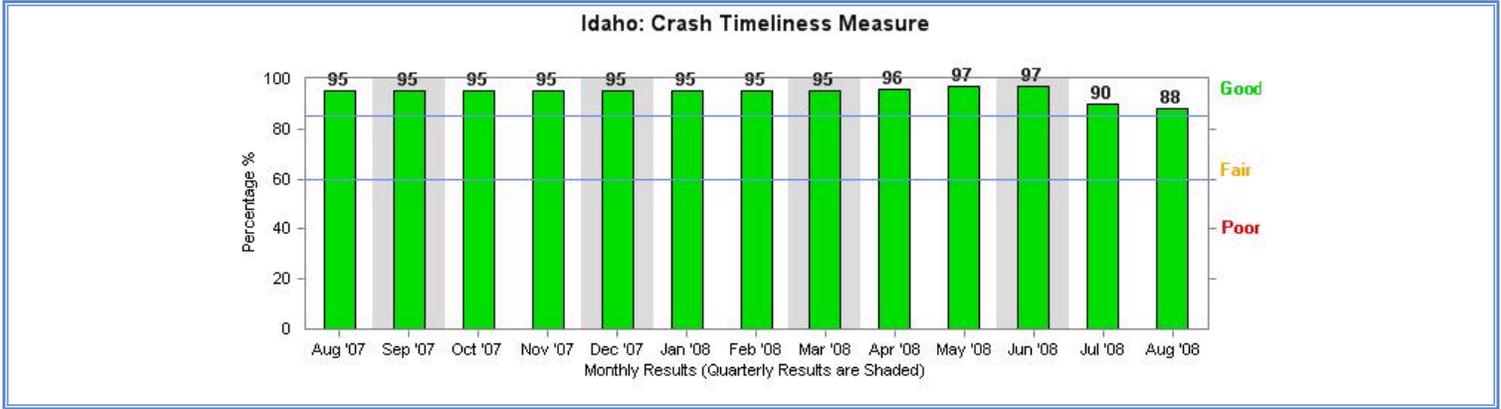
Idaho: Fatal Crash Completeness Measure							<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Rating	Fatal Crash Year	Fatal Crash Records			
				FARS	MCMIS	MCMIS as a % of FARS	
Aug '08	8/22/2008	G	2006	24	24	100%	
Jul '08	7/25/2008	G	2006	24	24	100%	
Jun '08	6/20/2008	G	2006	24	24	100%	
May '08	5/23/2008	G	2006	24	24	100%	
Apr '08	4/25/2008	G	2006	24	24	100%	
Mar '08	3/28/2008	G	2006	24	24	100%	
Feb '08	2/22/2008	G	2006	24	24	100%	
Jan '08	1/25/2008	G	2006	24	24	100%	
Dec '07	12/21/2007	G	2006	24	24	100%	
Nov '07	11/30/2007	G	2006	24	24	100%	
Oct '07	10/26/2007	G	2006	24	24	100%	
Sep '07	9/21/2007	G	2006	24	24	100%	
Aug '07	8/24/2007	G	2005	31	31	100%	

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.

**Idaho: Crash Timeliness Measure Report**  
**Monthly Results as of : August 22, 2008**

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



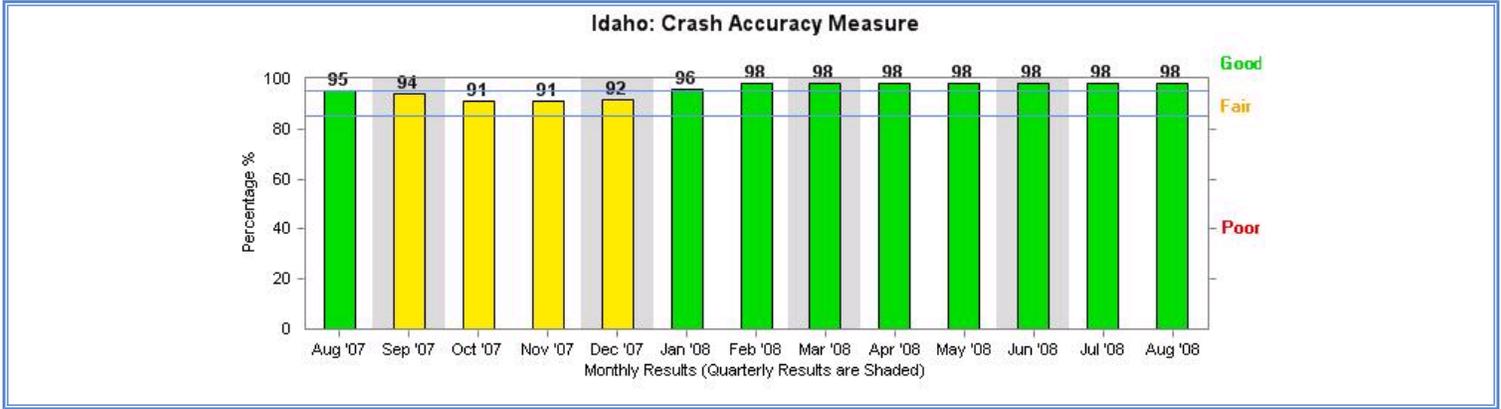
Idaho: Crash Timeliness Measure						<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Crash Records	# Records Reported w/in 90 Days	% Records Reported w/in 90 Days
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	880	773	88%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	885	797	90%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Good	835	806	97%
May '08	5/23/2008	3/1/2007 - 2/29/2008	Good	878	850	97%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Good	859	828	96%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	Good	846	802	95%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Good	836	798	95%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	Good	859	816	95%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Good	843	800	95%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Good	842	800	95%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Good	849	805	95%
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	Good	833	793	95%
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	Good	853	807	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.

**Idaho: Crash Accuracy Measure Report**  
**Monthly Results as of : August 22, 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](#))



Idaho: Crash Accuracy Measure									<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Crash Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	641	10	2%	631	98%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	643	10	2%	633	98%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	605	11	2%	594	98%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	630	11	2%	619	98%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	614	10	2%	604	98%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	600	11	2%	589	98%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	593	10	2%	583	98%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	611	23	4%	588	96%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Y	612	52	8%	560	92%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Y	618	55	9%	563	91%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Y	627	58	9%	569	91%	
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	Y	610	39	6%	571	94%	
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	G	626	31	5%	595	95%	

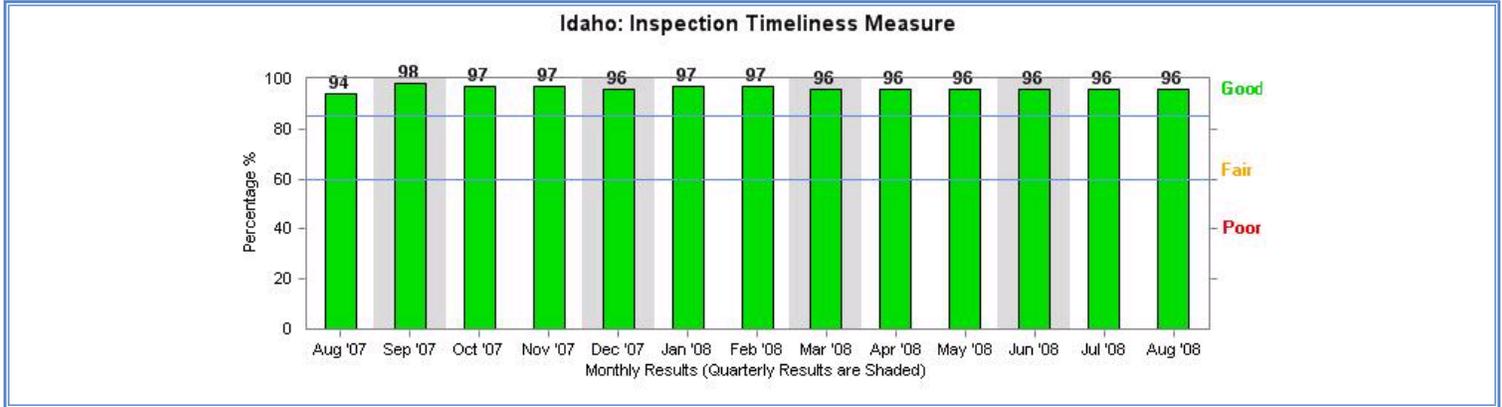
Rating Criteria	
Rating	Criteria
Good	G Percentage of matched records is >= 95%
Fair	Y Percentage of matched records is 85-94%
Poor	R Percentage of matched records is < 85%
Insufficient data	I State has < 15 records reported in current timeframe AND percentage of matched records is < 85%

**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")

## Idaho: Inspection Timeliness Measure Report

Monthly Results as of : August 22, 2008

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



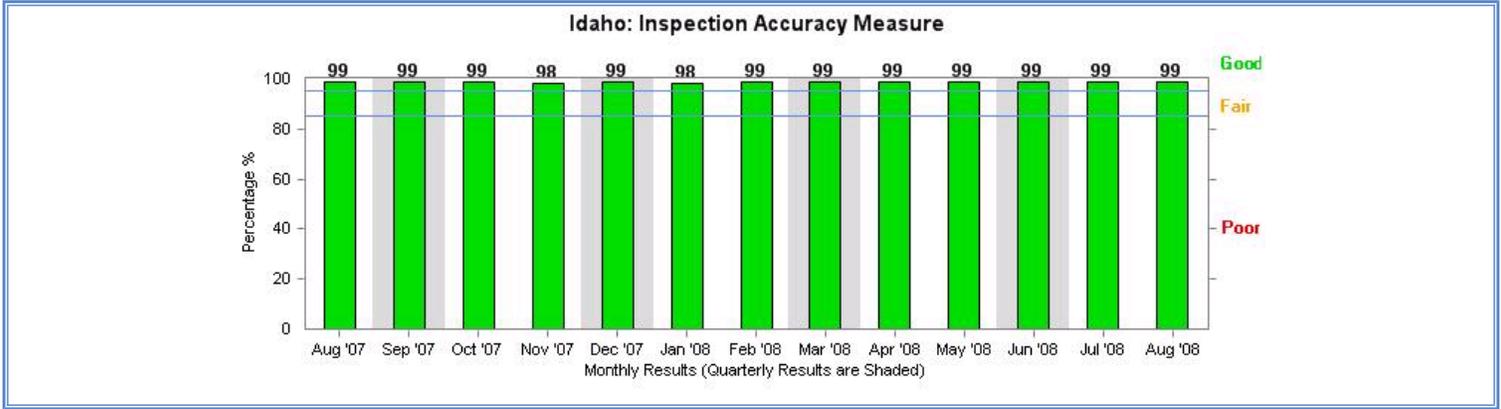
Idaho: Inspection Timeliness Measure							<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Inspection Records	# Records Reported w/in 21 Days	% Records Reported w/in 21 Days	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	9,761	9,370	96%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	9,891	9,531	96%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	9,758	9,393	96%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	9,666	9,304	96%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	9,785	9,427	96%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	10,020	9,662	96%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	10,006	9,672	97%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	10,035	9,690	97%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	9,985	9,630	96%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	9,619	9,371	97%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	9,399	9,155	97%	
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	G	9,095	8,873	98%	
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	G	9,588	9,014	94%	

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.

**Idaho: Inspection Accuracy Measure Report**  
**Monthly Results as of : August 22, 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](#))



Idaho: Inspection Accuracy Measure									<a href="#">Download Data</a>
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Inspection Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	8,838	126	1%	8,712	99%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	8,903	129	1%	8,774	99%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	8,759	117	1%	8,642	99%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	8,665	122	1%	8,543	99%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	8,749	127	1%	8,622	99%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	8,928	122	1%	8,806	99%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	8,912	127	1%	8,785	99%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	8,912	134	2%	8,778	98%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	8,846	130	1%	8,716	99%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	8,470	131	2%	8,339	98%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	8,289	116	1%	8,173	99%	
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	G	8,032	105	1%	7,927	99%	
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	G	8,488	110	1%	8,378	99%	

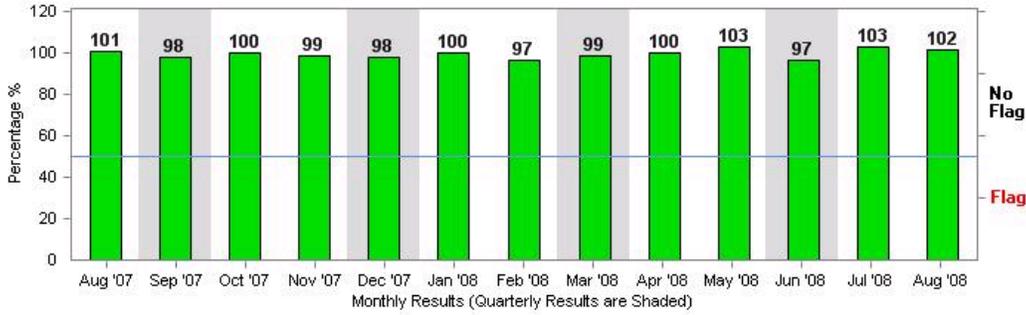
Rating Criteria		
Rating		Criteria
Good	G	Percentage of matched records is >= 95%
Fair	Y	Percentage of matched records is 85-94%
Poor	R	Percentage of matched records is < 85%

**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.

**Idaho: Crash Consistency Indicator Report**  
**Monthly Results as of : August 22, 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. [\(View Methodology\)](#)

**Idaho: Crash Consistency Overriding Indicator**



**Idaho: 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			
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	No Flag	861	812	828	834	849	102%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	No Flag	842	812	823	826	853	103%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	No Flag	827	833	818	826	803	97%
May '08	5/23/2008	3/1/2007 - 2/29/2008	No Flag	826	822	805	818	846	103%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	No Flag	858	819	810	829	827	100%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	No Flag	832	840	812	828	817	99%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	No Flag	856	816	831	834	809	97%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	No Flag	846	807	829	827	828	100%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	No Flag	832	824	835	830	813	98%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	No Flag	818	845	827	830	818	99%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	No Flag	797	852	824	824	826	100%
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	No Flag	807	841	835	828	809	98%
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	No Flag	782	861	811	818	826	101%

**Rating Criteria**

Rating		Criteria
No Flag	No Flag	Estimated Reported is >= 50%
Flag	🚩	Estimated Reported is < 50%
Insufficient data	ⓘ	State has < 15 records reported in current timeframe <b>AND</b> State has < 15 records reported in previous 3 year average <b>AND</b> 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: August 22, 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.

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

## 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 <b>AND</b> 0 Poor
Fair	 Maximum of 1 Poor
Poor	 2+ Poor <b>OR</b> 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	<b>G</b>	Minimum of 1 Good <b>AND</b> 0 Poor
Fair	<b>Y</b>	Maximum of 1 Poor
Poor	<b>R</b>	2+ Poor <b>OR</b> 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	<b>G</b>	Percentage of completed driver and vehicle information is $\geq 85\%$
Fair	<b>Y</b>	Percentage of completed driver and vehicle information is 70 - 84%
Poor	<b>R</b>	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 <b>AND</b> 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 <b>AND</b> 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 <b>AND</b> 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 <b>AND</b> 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 <b>AND</b> State has < 15 records reported in previous 3 year average <b>AND</b> 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.

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**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.

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**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.