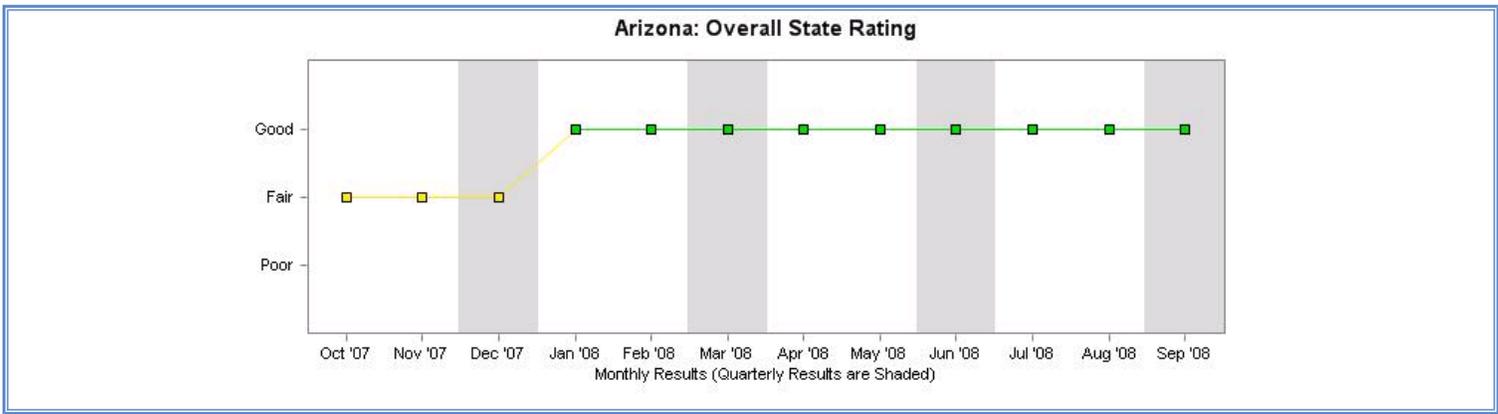


Arizona: Overall State Rating Report
Monthly Results as of : September 26, 2008

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



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

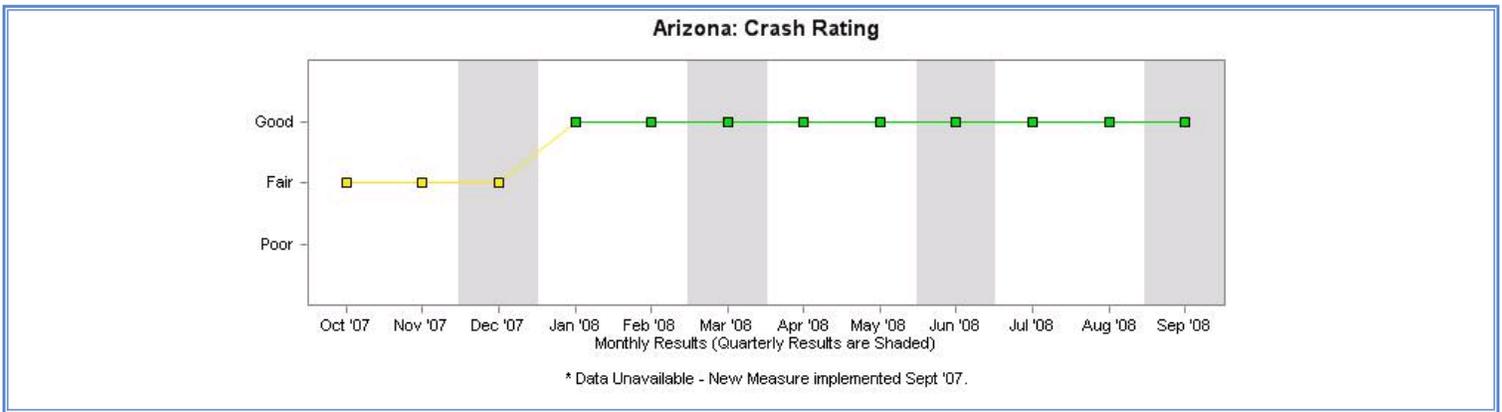
Overall State Rating Description		
Rating		Criteria
Good	G	Minimum of 1 Good AND 0 Poor
Fair	Y	Maximum of 1 Poor
Poor	R	2+ Poor OR Red Flagged

* 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.

Arizona: Crash Rating Report
Monthly Results as of : September 26, 2008

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



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

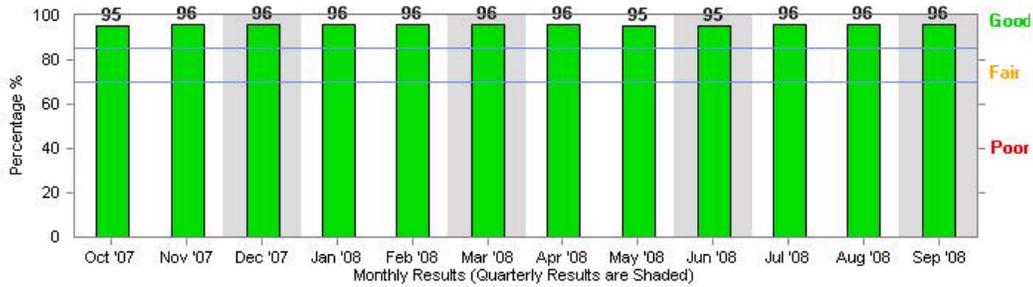
Data Source: FARS records and MCMIS crash records.

Arizona: Crash Record Completeness Measure Report

Monthly Results as of : September 26, 2008

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

Arizona: Crash Record Completeness Measure



* Data Unavailable - New Measure implemented Sept '07.

Arizona: Crash Record Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	Driver Identification Completeness Evaluation	Vehicle Identification Completeness Evaluation	Crash Record Completeness
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	94%	97%	96%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	94%	97%	96%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	94%	97%	96%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	93%	97%	95%
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	93%	97%	95%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	93%	98%	96%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	93%	98%	96%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	93%	98%	96%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	93%	98%	96%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	93%	98%	96%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	93%	98%	96%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	92%	98%	95%

Driver Identification Completeness

Monthly Results	MCMIS Run Date	Crash Records Evaluated	Records with Complete Driver Information		# Records with Driver Information				
			# Records	% Records	License Number	Date of Birth	First Name	Last Name	License Class
Sep '08	9/26/2008	3,687	3,456	94%	3,548	3,561	3,687	3,687	3,472
Aug '08	8/22/2008	3,794	3,562	94%	3,651	3,665	3,794	3,794	3,579
Jul '08	7/25/2008	3,866	3,626	94%	3,714	3,732	3,866	3,866	3,643
Jun '08	6/20/2008	3,846	3,585	93%	3,688	3,708	3,846	3,846	3,605
May '08	5/23/2008	3,923	3,653	93%	3,766	3,794	3,923	3,923	3,673
Apr '08	4/25/2008	3,806	3,552	93%	3,664	3,687	3,806	3,806	3,572
Mar '08	3/28/2008	3,886	3,622	93%	3,744	3,765	3,886	3,886	3,645
Feb '08	2/22/2008	3,792	3,529	93%	3,648	3,671	3,792	3,792	3,552
Jan '08	1/25/2008	3,778	3,509	93%	3,641	3,665	3,778	3,778	3,532
Dec '07	12/21/2007	3,702	3,446	93%	3,576	3,597	3,702	3,702	3,466
Nov '07	11/30/2007	3,703	3,429	93%	3,584	3,603	3,703	3,703	3,450
Oct '07	10/26/2007	3,631	3,336	92%	3,509	3,523	3,631	3,631	3,360

Vehicle Identification Completeness

Monthly Results	MCMIS Run Date	Crash Records Evaluated	Records with Complete Vehicle Information		# Records with Vehicle Information				
			# Records	% Records	Vehicle Identification #	License Plate #	Vehicle Configuration	Cargo Body Type	GVWR
Sep '08	9/26/2008	3,687	3,573	97%	3,683	3,575	3,687	3,687	3,687
Aug '08	8/22/2008	3,794	3,680	97%	3,788	3,685	3,794	3,793	3,793
Jul '08	7/25/2008	3,866	3,745	97%	3,858	3,751	3,866	3,866	3,866
Jun '08	6/20/2008	3,846	3,728	97%	3,840	3,733	3,846	3,846	3,846
May '08	5/23/2008	3,923	3,811	97%	3,917	3,816	3,923	3,923	3,923
Apr '08	4/25/2008	3,806	3,717	98%	3,800	3,722	3,806	3,806	3,806
Mar '08	3/28/2008	3,886	3,798	98%	3,879	3,804	3,886	3,886	3,886
Feb '08	2/22/2008	3,792	3,702	98%	3,785	3,708	3,792	3,792	3,792
Jan '08	1/25/2008	3,778	3,694	98%	3,771	3,700	3,778	3,778	3,778
Dec '07	12/21/2007	3,702	3,620	98%	3,695	3,626	3,702	3,702	3,702
Nov '07	11/30/2007	3,703	3,623	98%	3,696	3,629	3,703	3,703	3,703
Oct '07	10/26/2007	3,631	3,553	98%	3,624	3,559	3,631	3,631	3,631

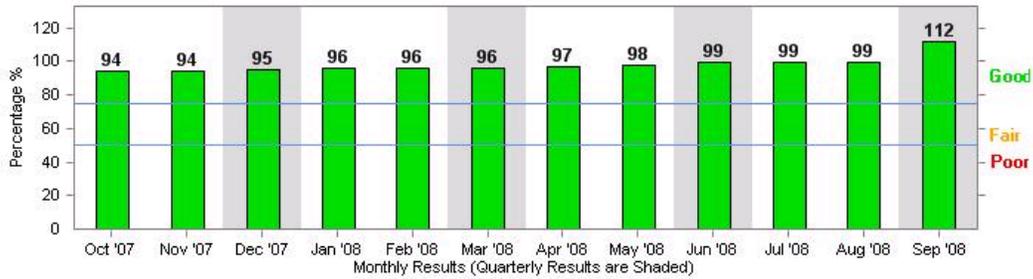
Rating Criteria		
Rating		Criteria
Good		Percentage of completed driver and vehicle information is >= 85%
Fair		Percentage of completed driver and vehicle information is 70-84%
Poor		Percentage of completed driver and vehicle information is < 70%

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.

Arizona: Non-Fatal Crash Completeness Measure Report
Monthly Results as of : September 26, 2008

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

Arizona: Non-Fatal Crash Completeness Measure



* Data Unavailable - New Measure implemented Sept '07.

Arizona: Non-Fatal Crash Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Rating	Non-Fatal Crash Completeness				Crash Year (FARS)	Fatal Crash Records (FARS) (Used to Predict Non-Fatals)			
			Event Date Range	Predicted Non-Fatals	Reported Non-Fatals	Reported/Predicted		Crash Year - 2	Crash Year - 1	Current Crash Year	Average
Sep '08	9/26/2008	G	4/1/2007 - 3/31/2008	3,385	3,805	112%	2007	115	134	102	117
Aug '08	8/22/2008	G	3/1/2007 - 2/29/2008	3,884	3,853	99%	2006	110	115	133	119
Jul '08	7/25/2008	G	2/1/2007 - 1/31/2008	3,884	3,857	99%	2006	110	115	133	119
Jun '08	6/20/2008	G	1/1/2007 - 12/31/2007	3,884	3,857	99%	2006	110	115	133	119
May '08	5/23/2008	G	12/1/2006 - 11/30/2007	3,884	3,813	98%	2006	110	115	133	119
Apr '08	4/25/2008	G	11/1/2006 - 10/31/2007	3,884	3,762	97%	2006	110	115	133	119
Mar '08	3/28/2008	G	10/1/2006 - 9/30/2007	3,884	3,731	96%	2006	110	115	133	119
Feb '08	2/22/2008	G	9/1/2006 - 8/31/2007	3,884	3,747	96%	2006	110	115	133	119
Jan '08	1/25/2008	G	8/1/2006 - 7/31/2007	3,884	3,714	96%	2006	110	115	133	119
Dec '07	12/21/2007	G	7/1/2006 - 6/30/2007	3,884	3,678	95%	2006	110	115	133	119
Nov '07	11/30/2007	G	6/1/2006 - 5/31/2007	3,884	3,646	94%	2006	110	115	133	119
Oct '07	10/26/2007	G	5/1/2006 - 4/30/2007	3,884	3,644	94%	2006	110	115	133	119

Rating Criteria

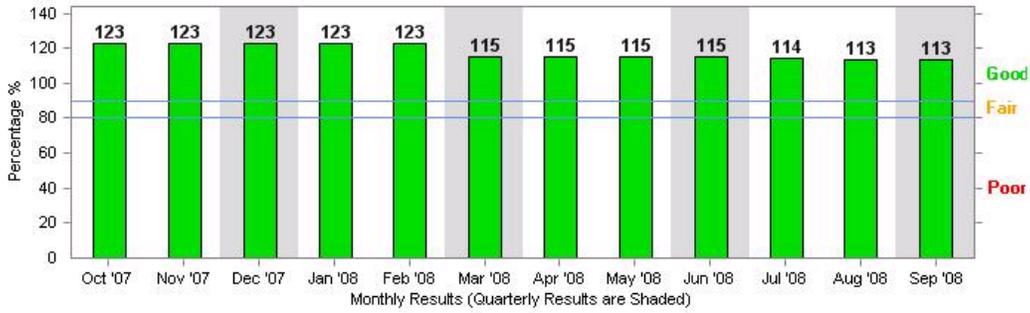
Rating	Criteria
Good	G Percentage of non-fatal crash records reported is >= 75%
Fair	Y Percentage of non-fatal crash records reported is 50-75%
Poor	R Percentage of non-fatal crash records reported is < 50%
Insufficient Data	I State has < 15 average # of fatal crash records AND percentage of non-fatal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

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

Arizona: Fatal Crash Completeness Measure Report
Monthly Results as of : September 26, 2008

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

Arizona: Fatal Crash Completeness Measure



Arizona: Fatal Crash Completeness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Rating	Fatal Crash Year	Fatal Crash Records		
				FARS	MCMIS	MCMIS as a % of FARS
Sep '08	9/26/2008	G	2007	94	106	113%
Aug '08	8/22/2008	G	2006	128	145	113%
Jul '08	7/25/2008	G	2006	128	146	114%
Jun '08	6/20/2008	G	2006	128	147	115%
May '08	5/23/2008	G	2006	128	147	115%
Apr '08	4/25/2008	G	2006	128	147	115%
Mar '08	3/28/2008	G	2006	128	147	115%
Feb '08	2/22/2008	G	2006	128	157	123%
Jan '08	1/25/2008	G	2006	128	157	123%
Dec '07	12/21/2007	G	2006	128	157	123%
Nov '07	11/30/2007	G	2006	128	157	123%
Oct '07	10/26/2007	G	2006	128	157	123%

Rating Criteria

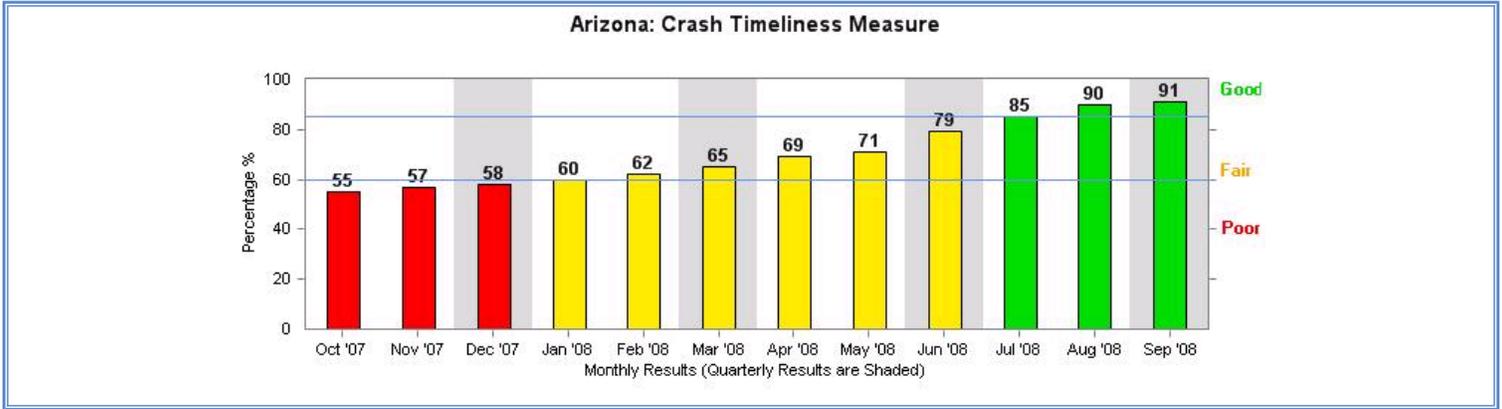
Rating	Criteria
Good	G MCMIS as a % of FARS is >= 90%
Fair	Y MCMIS as a % of FARS is 80-89%
Poor	R MCMIS as a % of FARS is < 80%
Insufficient data	I State has < 15 FARS records AND MCMIS as a % of FARS is < 80%

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

Arizona: Crash Timeliness Measure Report
Monthly Results as of : September 26, 2008

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

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



Arizona: Crash Timeliness Measure							Download Data
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Crash Records	# Records Reported w/in 90 Days	% Records Reported w/in 90 Days	
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Good	3,687	3,373	91%	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	3,794	3,403	90%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	3,866	3,277	85%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Fair	3,846	3,046	79%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	Fair	3,923	2,801	71%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Fair	3,806	2,632	69%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	Fair	3,886	2,540	65%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Fair	3,792	2,360	62%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	Fair	3,778	2,265	60%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Poor	3,702	2,135	58%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Poor	3,703	2,100	57%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Poor	3,631	2,002	55%	

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%

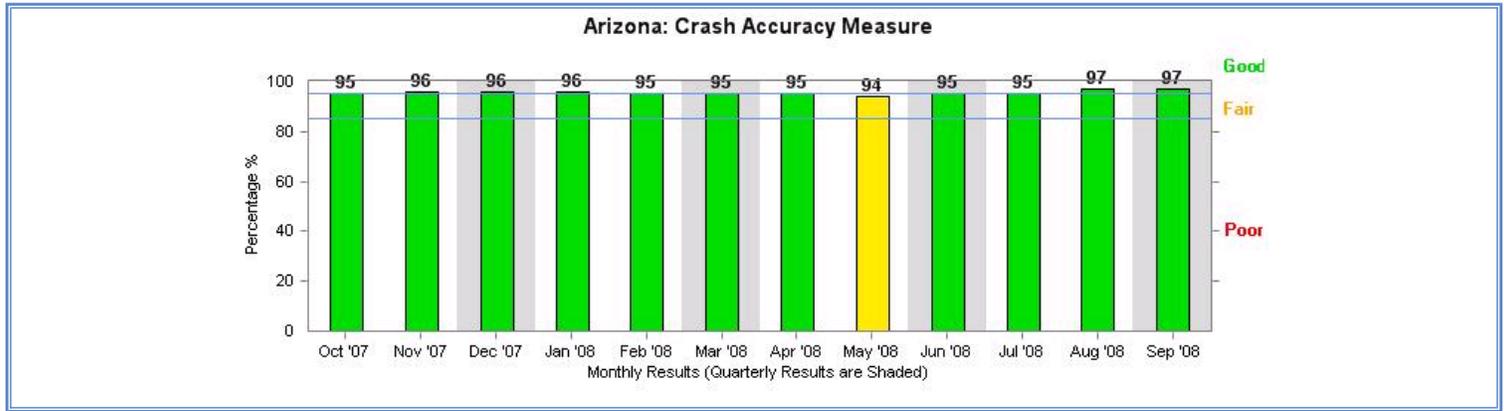
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

Arizona: Crash Accuracy Measure Report

Monthly Results as of : September 26, 2008

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

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



Arizona: Crash Accuracy Measure										Download Data
Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Crash Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records		
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	2,074	59	3%	2,015	97%		
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	2,125	74	3%	2,051	97%		
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	2,141	102	5%	2,039	95%		
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	2,110	116	5%	1,994	95%		
May '08	5/23/2008	3/1/2007 - 2/29/2008	Y	2,126	125	6%	2,001	94%		
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	2,081	107	5%	1,974	95%		
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	2,086	105	5%	1,981	95%		
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	2,054	102	5%	1,952	95%		
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	2,051	90	4%	1,961	96%		
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	2,015	86	4%	1,929	96%		
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	2,032	88	4%	1,944	96%		
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	1,982	104	5%	1,878	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%

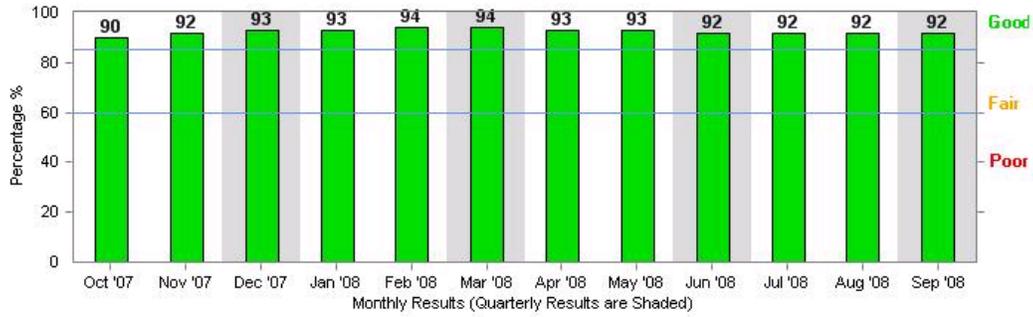
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. (Excludes crash records entered per FMCSA's "Procedures for Entering Crashes without Carrier Identification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

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

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

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

Arizona: Inspection Timeliness Measure



Arizona: Inspection Timeliness Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & Intrastate Inspection Records	# Records Reported w/in 21 Days	% Records Reported w/in 21 Days
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	G	62,990	57,668	92%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	62,070	57,096	92%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	62,163	57,284	92%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	61,442	56,710	92%
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	62,223	57,980	93%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	62,302	58,073	93%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	61,970	58,020	94%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	62,082	58,106	94%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	62,154	57,800	93%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	62,126	57,490	93%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	62,089	57,226	92%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	64,013	57,572	90%

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%

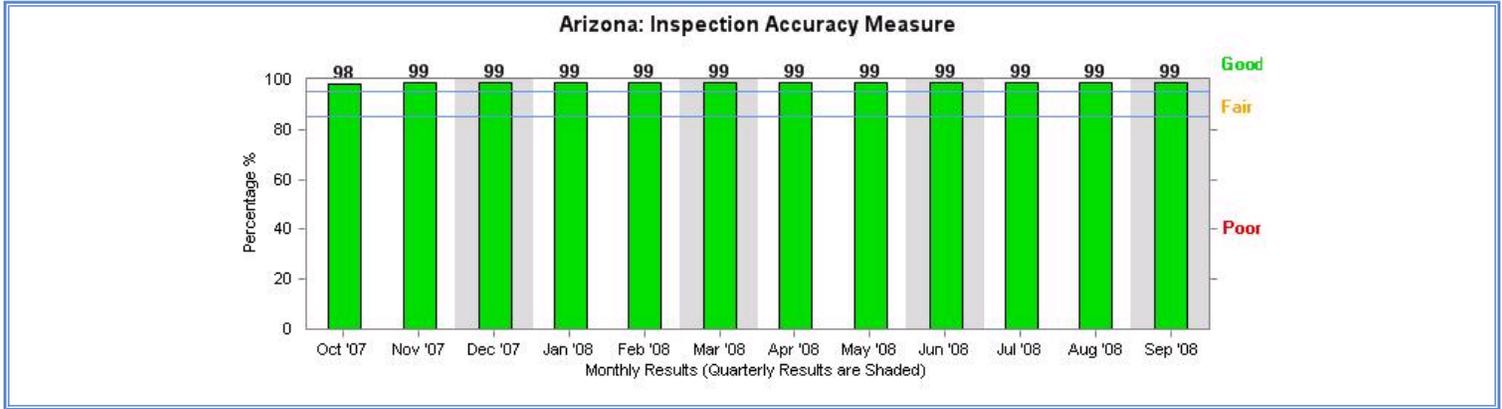
Data Source: MCMIS inspection records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

Arizona: Inspection Accuracy Measure Report

Monthly Results as of : September 26, 2008

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

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



Arizona: Inspection Accuracy Measure

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	# Interstate & HM Intrastate Inspection Records	# UnMatched Records	% UnMatched Records	# Matched Records	% Matched Records
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	Good	45,655	587	1%	45,068	99%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	44,972	588	1%	44,384	99%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	45,043	594	1%	44,449	99%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Good	44,521	589	1%	43,932	99%
May '08	5/23/2008	3/1/2007 - 2/29/2008	Good	45,032	549	1%	44,483	99%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Good	45,207	530	1%	44,677	99%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	Good	44,824	539	1%	44,285	99%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Good	44,696	535	1%	44,161	99%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	Good	44,493	550	1%	43,943	99%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Good	44,352	613	1%	43,739	99%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Good	44,454	650	1%	43,804	99%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Good	46,013	743	2%	45,270	98%

Rating Criteria

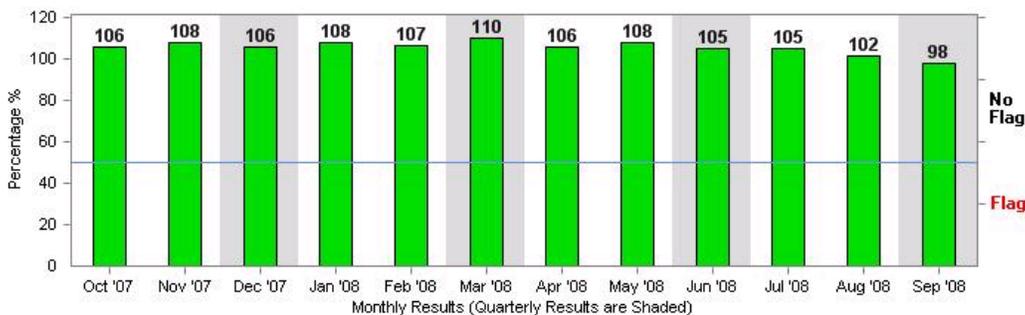
Rating	Criteria
Good	Percentage of matched records is >= 95%
Fair	Percentage of matched records is 85-94%
Poor	Percentage of matched records is < 85%

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.

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

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

Arizona: Crash Consistency Overriding Indicator



Arizona: Crash Consistency Overriding Indicator

[Download Data](#)

Monthly Results	MCMIS Run Date	Event Date Range	Rating	Year 1	Year 2	Year 3	Avg # Records over Previous 3 Years	Total # Records for Date Range	Estimate Reported for Date Range
				Date Range -3 Years	Date Range -2 Years	Date Range -1 Year			
Sep '08	9/26/2008	7/1/2007 - 6/30/2008	No Flag	3,103	3,959	3,870	3,644	3,574	98%
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	No Flag	3,007	3,946	3,882	3,612	3,680	102%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	No Flag	2,899	3,945	3,900	3,581	3,757	105%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	No Flag	2,854	3,893	3,907	3,551	3,741	105%
May '08	5/23/2008	3/1/2007 - 2/29/2008	No Flag	2,855	3,843	3,880	3,526	3,810	108%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	No Flag	2,870	3,800	3,828	3,499	3,703	106%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	No Flag	2,870	3,671	3,782	3,441	3,777	110%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	No Flag	2,865	3,535	3,915	3,438	3,691	107%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	No Flag	2,870	3,414	3,941	3,408	3,676	108%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	No Flag	2,796	3,325	4,001	3,374	3,587	106%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	No Flag	2,786	3,292	3,949	3,342	3,594	108%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	No Flag	2,800	3,174	3,952	3,309	3,518	106%

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 AND State has < 15 records reported in previous 3 year average AND Estimate Reported is <= 50%

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



Methodology for State Safety Data Quality (SSDQ)

(Results as of: September 26, 2008)

[Definitions](#)

[Revision Notes](#)

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

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

State Safety Data Quality Ratings

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



The Overall State Rating is determined as follows:

Rating	Criteria
Good	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.