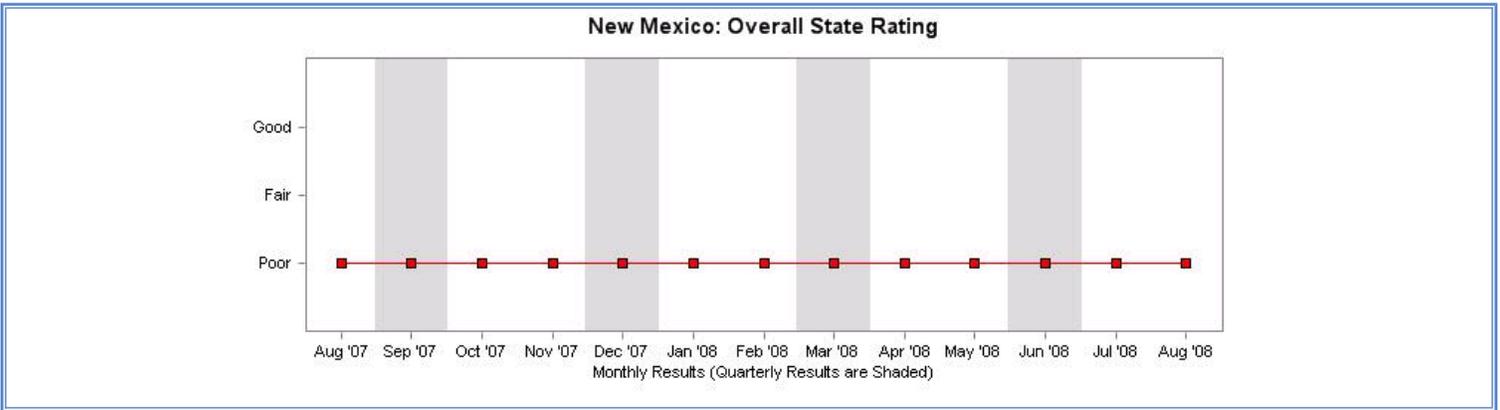


New Mexico: Overall State Rating Report

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](#))



New Mexico: 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		
Aug '08	8/22/2008	R	Y	R	G	Y	R	G	G	No Flag	
Jul '08	7/25/2008	R	Y	R	G	Y	R	G	G	No Flag	
Jun '08	6/20/2008	R	Y	R	G	Y	R	G	G	No Flag	
May '08	5/23/2008	R	Y	R	G	Y	R	Y	G	No Flag	
Apr '08	4/25/2008	R	Y	R	G	Y	R	Y	G	No Flag	
Mar '08	3/28/2008	R	Y	R	G	R	R	Y	G	No Flag	
Feb '08	2/22/2008	R	Y	R	G	Y	R	Y	G	No Flag	
Jan '08	1/25/2008	R	Y	R	G	R	R	Y	G	No Flag	
Dec '07	12/21/2007	R	Y	R	G	R	R	Y	G	No Flag	
Nov '07	11/30/2007	R	Y	R	G	R	R	Y	G	No Flag	
Oct '07	10/26/2007	R	Y	R	G	R	R	Y	G	No Flag	
Sep '07	9/21/2007	R	R	R	G	R	R	Y	G	No Flag	
Aug '07	8/24/2007	R	N/A	N/A	G	R	R	Y	G	No Flag	

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

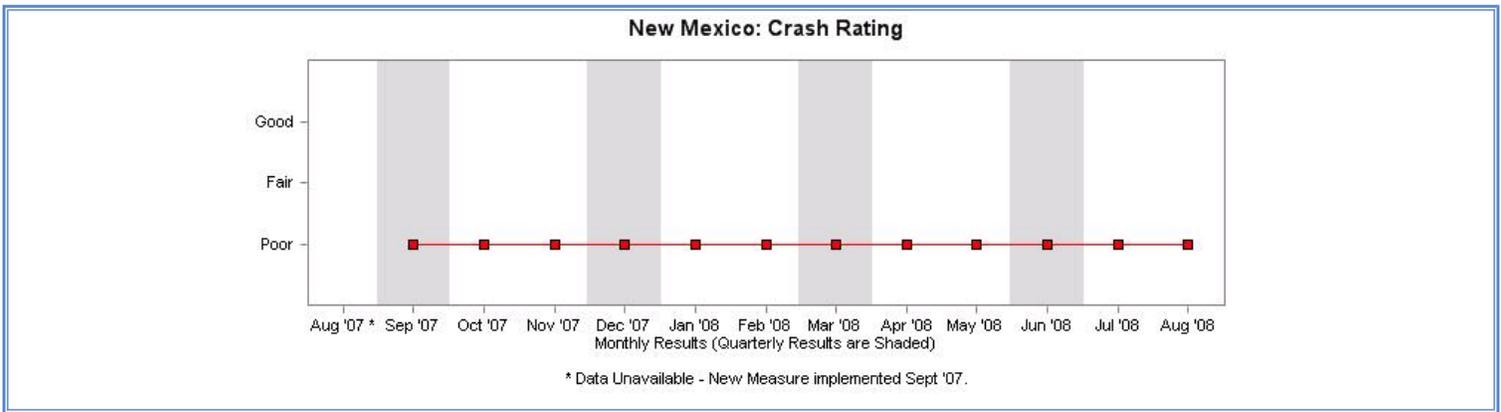
* States that are red flagged are automatically rated POOR overall.
N/A: Data Not Available- New Measure implemented Sept '07.

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

New Mexico: 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](#))



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

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

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

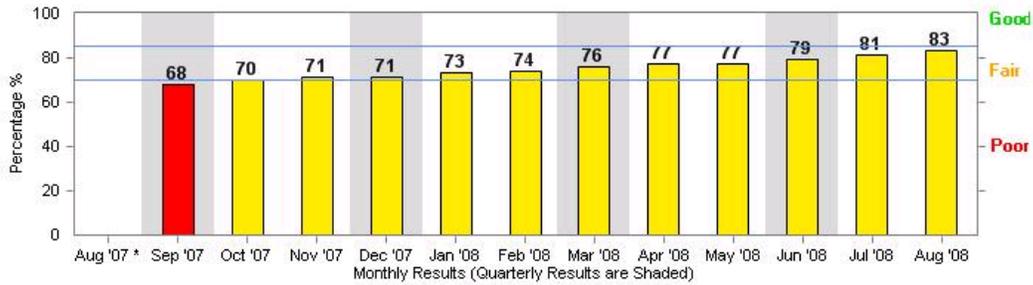
Data Source: FARS records and MCMIS crash records.

New Mexico: 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](#).

New Mexico: Crash Record Completeness Measure



* Data Unavailable - New Measure implemented Sept '07.

New Mexico: 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
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Y	97%	69%	83%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Y	97%	64%	81%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Y	96%	61%	79%
May '08	5/23/2008	3/1/2007 - 2/29/2008	Y	96%	58%	77%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Y	96%	57%	77%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	Y	96%	56%	76%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Y	95%	52%	74%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	Y	94%	51%	73%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Y	93%	48%	71%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Y	92%	49%	71%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Y	91%	49%	70%
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	R	87%	49%	68%

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	829	803	97%	820	823	828	829	808
Jul '08	7/25/2008	849	821	97%	839	843	847	848	826
Jun '08	6/20/2008	839	803	96%	826	832	836	837	810
May '08	5/23/2008	817	785	96%	806	813	815	815	791
Apr '08	4/25/2008	822	789	96%	809	818	819	819	796
Mar '08	3/28/2008	879	843	96%	865	872	876	876	851
Feb '08	2/22/2008	840	801	95%	825	832	835	835	808
Jan '08	1/25/2008	845	798	94%	829	836	839	839	805
Dec '07	12/21/2007	784	732	93%	766	774	777	777	739
Nov '07	11/30/2007	761	703	92%	743	751	754	754	710
Oct '07	10/26/2007	710	645	91%	695	700	703	703	650
Sep '07	9/21/2007	659	574	87%	644	648	651	651	578

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	829	574	69%	642	672	711	591	659
Jul '08	7/25/2008	849	545	64%	636	668	722	566	645
Jun '08	6/20/2008	839	509	61%	619	649	714	534	624
May '08	5/23/2008	817	472	58%	603	632	702	496	590
Apr '08	4/25/2008	822	466	57%	620	639	715	492	587
Mar '08	3/28/2008	879	488	56%	680	691	762	519	627
Feb '08	2/22/2008	840	438	52%	642	652	718	473	575
Jan '08	1/25/2008	845	432	51%	647	654	713	473	567
Dec '07	12/21/2007	784	375	48%	592	602	648	425	499
Nov '07	11/30/2007	761	372	49%	599	609	636	424	501
Oct '07	10/26/2007	710	345	49%	590	600	587	401	477
Sep '07	9/21/2007	659	320	49%	582	593	535	376	450

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

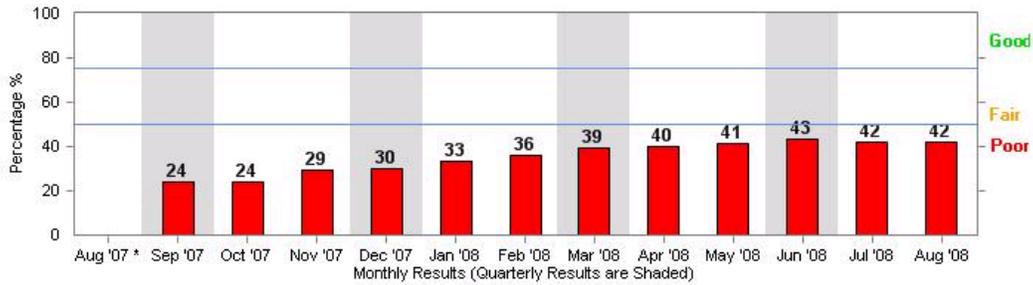
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

New Mexico: 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](#))

New Mexico: Non-Fatal Crash Completeness Measure



* Data Unavailable - New Measure implemented Sept '07.

New Mexico: 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	R	3/1/2007 - 2/29/2008	2,035	854	42%	2006	61	59	67	62
Jul '08	7/25/2008	R	2/1/2007 - 1/31/2008	2,035	845	42%	2006	61	59	67	62
Jun '08	6/20/2008	R	1/1/2007 - 12/31/2007	2,035	883	43%	2006	61	59	67	62
May '08	5/23/2008	R	12/1/2006 - 11/30/2007	2,035	839	41%	2006	61	59	67	62
Apr '08	4/25/2008	R	11/1/2006 - 10/31/2007	2,035	823	40%	2006	61	59	67	62
Mar '08	3/28/2008	R	10/1/2006 - 9/30/2007	2,035	789	39%	2006	61	59	67	62
Feb '08	2/22/2008	R	9/1/2006 - 8/31/2007	2,035	733	36%	2006	61	59	67	62
Jan '08	1/25/2008	R	8/1/2006 - 7/31/2007	2,035	680	33%	2006	61	59	67	62
Dec '07	12/21/2007	R	7/1/2006 - 6/30/2007	2,035	619	30%	2006	61	59	67	62
Nov '07	11/30/2007	R	6/1/2006 - 5/31/2007	2,035	583	29%	2006	61	59	67	62
Oct '07	10/26/2007	R	5/1/2006 - 4/30/2007	2,035	492	24%	2006	61	59	67	62
Sep '07	9/21/2007	R	4/1/2006 - 3/31/2007	2,035	442	24%	2006	61	59	67	62

Rating Criteria

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

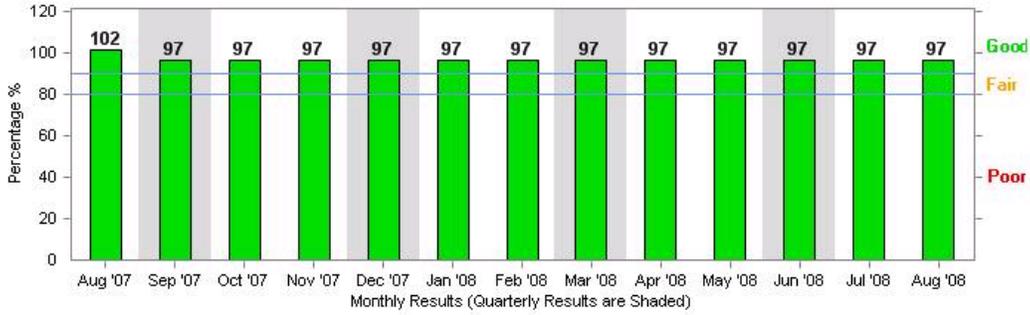
Data Source: MCMIS crash records for 12 months that represent interstate and intrastate carriers and includes large truck and bus vehicle types.

New Mexico: 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](#))

New Mexico: Fatal Crash Completeness Measure



New Mexico: 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
Aug '08	8/22/2008	G	2006	67	65	97%
Jul '08	7/25/2008	G	2006	67	65	97%
Jun '08	6/20/2008	G	2006	67	65	97%
May '08	5/23/2008	G	2006	67	65	97%
Apr '08	4/25/2008	G	2006	67	65	97%
Mar '08	3/28/2008	G	2006	67	65	97%
Feb '08	2/22/2008	G	2006	67	65	97%
Jan '08	1/25/2008	G	2006	67	65	97%
Dec '07	12/21/2007	G	2006	67	65	97%
Nov '07	11/30/2007	G	2006	67	65	97%
Oct '07	10/26/2007	G	2006	67	65	97%
Sep '07	9/21/2007	G	2006	67	65	97%
Aug '07	8/24/2007	G	2005	57	58	102%

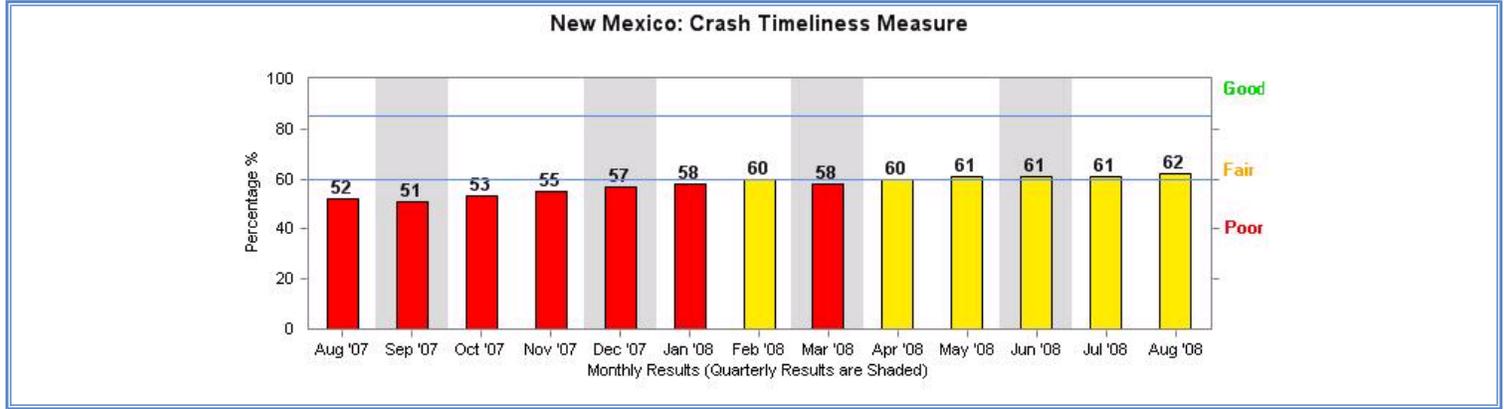
Rating Criteria

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

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

New Mexico: 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](#))



New Mexico: 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	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Y	829	512	62%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Y	849	519	61%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Y	839	513	61%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	Y	817	495	61%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Y	822	496	60%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	R	879	509	58%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Y	840	504	60%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	R	845	486	58%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	R	784	449	57%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	R	761	415	55%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	R	710	374	53%	
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	R	659	334	51%	
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	R	574	296	52%	

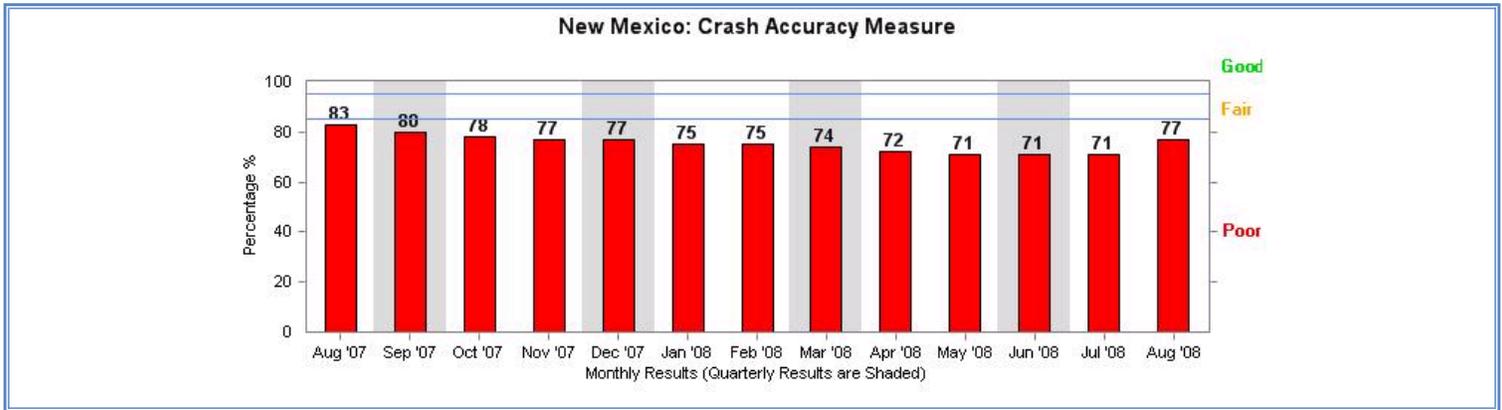
Rating Criteria	
Rating	Criteria
Good	Percentage reported within 90 Days is >= 85%
Fair	Percentage reported within 90 Days is 60-84%
Poor	Percentage reported within 90 Days is < 60%
Insufficient data	State has < 15 records reported in current timeframe AND percentage reported within 90 Days is < 60%

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

New Mexico: 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](#))



New Mexico: 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	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	R	783	177	23%	606	77%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	R	813	238	29%	575	71%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	R	809	237	29%	572	71%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	R	795	230	29%	565	71%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	R	802	227	28%	575	72%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	R	858	224	26%	634	74%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	R	815	204	25%	611	75%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	R	816	208	25%	608	75%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	R	759	175	23%	584	77%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	R	735	169	23%	566	77%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	R	687	153	22%	534	78%	
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	R	634	125	20%	509	80%	
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	R	553	94	17%	459	83%	

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%
Insufficient data	ⓘ State has < 15 records reported in current timeframe AND percentage of matched records is < 85%

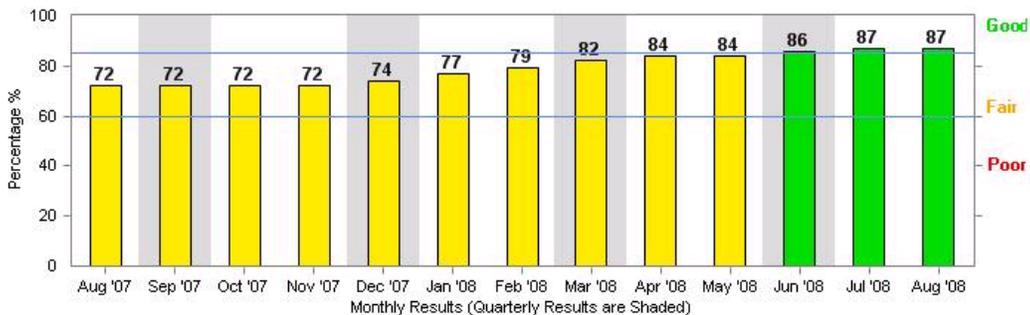
Data Source: MCMIS fatal and non-fatal crash records for 12 months that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types. (Excludes crash records entered per FMCSA's "Procedures for Entering Crashes without Carrier Identification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

New Mexico: 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](#))

New Mexico: Inspection Timeliness Measure



New Mexico: 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
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	Good	115,327	100,904	87%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	Good	114,022	99,033	87%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	Good	111,951	96,288	86%
May '08	5/23/2008	3/1/2007 - 2/29/2008	Fair	111,398	93,419	84%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	Fair	109,662	91,779	84%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	Fair	109,020	89,727	82%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	Fair	107,463	84,813	79%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	Fair	105,491	80,848	77%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	Fair	104,927	77,808	74%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	Fair	102,155	73,521	72%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	Fair	96,646	69,885	72%
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	Fair	94,449	68,240	72%
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	Fair	93,452	67,041	72%

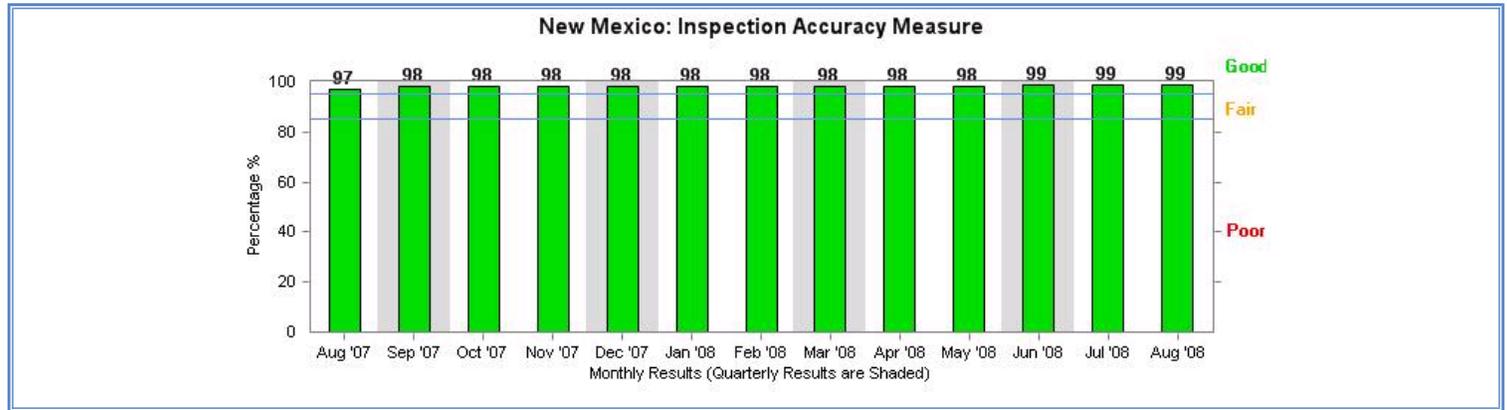
Rating Criteria

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.

New Mexico: 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](#))



New Mexico: 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	
Aug '08	8/22/2008	6/1/2007 - 5/31/2008	G	107,125	1,281	1%	105,844	99%	
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	G	105,405	1,364	1%	104,041	99%	
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	G	103,475	1,504	1%	101,971	99%	
May '08	5/23/2008	3/1/2007 - 2/29/2008	G	103,051	1,694	2%	101,357	98%	
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	G	101,489	1,765	2%	99,724	98%	
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	G	101,063	1,900	2%	99,163	98%	
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	G	99,697	1,988	2%	97,709	98%	
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	G	98,033	2,013	2%	96,020	98%	
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	G	97,662	2,007	2%	95,655	98%	
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	G	95,468	2,074	2%	93,394	98%	
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	G	90,703	2,134	2%	88,569	98%	
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	G	88,950	2,215	2%	86,735	98%	
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	G	88,764	2,338	3%	86,426	97%	

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%

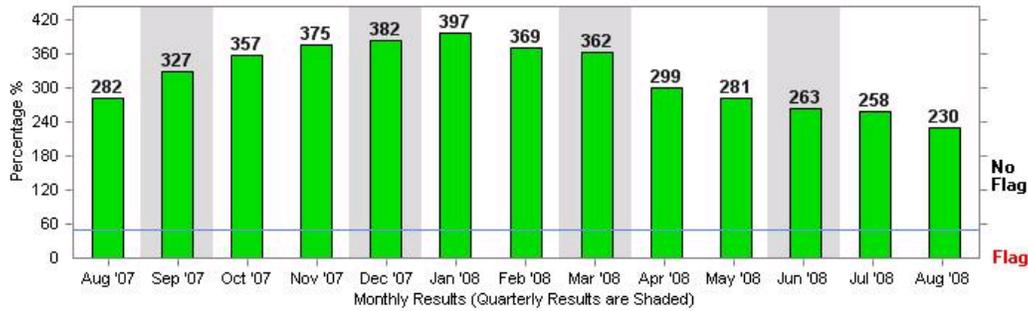
Data Source: MCMIS inspection records for 12 months that represent interstate carriers and intrastate carriers transporting hazardous material and includes large truck and bus vehicle types.

New Mexico: 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. [\(View Methodology\)](#)

New Mexico: Crash Consistency Overriding Indicator



New Mexico: 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	317	89	598	335	769	230%
Jul '08	7/25/2008	5/1/2007 - 4/30/2008	No Flag	304	103	510	306	789	258%
Jun '08	6/20/2008	4/1/2007 - 3/31/2008	No Flag	313	112	456	294	774	263%
May '08	5/23/2008	3/1/2007 - 2/29/2008	No Flag	308	121	386	272	763	281%
Apr '08	4/25/2008	2/1/2007 - 1/31/2008	No Flag	304	139	329	257	768	299%
Mar '08	3/28/2008	1/1/2007 - 12/31/2007	No Flag	292	156	237	228	826	362%
Feb '08	2/22/2008	12/1/2006 - 11/30/2007	No Flag	268	180	192	213	787	369%
Jan '08	1/25/2008	11/1/2006 - 10/31/2007	No Flag	241	204	155	200	793	397%
Dec '07	12/21/2007	10/1/2006 - 9/30/2007	No Flag	213	231	128	191	730	382%
Nov '07	11/30/2007	9/1/2006 - 8/31/2007	No Flag	186	257	117	187	702	375%
Oct '07	10/26/2007	8/1/2006 - 7/31/2007	No Flag	171	272	103	182	649	357%
Sep '07	9/21/2007	7/1/2006 - 6/30/2007	No Flag	155	301	91	182	596	327%
Aug '07	8/24/2007	6/1/2006 - 5/31/2007	No Flag	140	317	89	182	513	282%

Rating Criteria

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

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



Methodology for State Safety Data Quality (SSDQ)

(Results as of: 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.

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

State Safety Data Quality Ratings

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



The Overall State Rating is determined as follows:

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

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

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



The Crash Rating is determined as follows:

Rating		Criteria
Good	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.