Carrier Intervention Effectiveness Model

Measures the safety benefits of carrier interventions, assessing the direct impact of interventions on carriers that received them.

[R]Revised per FY 2013 CIEM Summary Report.
[1]These results have been updated to reflect refinements to the CIEM, and hence may not necessarily match results published in archived reports.
[2]Beginning in FY 2012, all reviews previously classified as motor carrier safety compliance reviews are included in the CSA onsite comprehensive investigations total.
[3]Beginning with FY 2016, these results reflect a model revision incoporating comparison group crash history time frames that are consistent with crash history time frames used for the carriers receiving interventions.

	FY 2009	FY 2010[1]	FY 2011[1]	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016[3]	FY 2017[3]	FY 2018[3]	FY 2019	FY 2020	FY 2021
Total Interventions	28,331	31,365	58,199	43,275	38,140	34,932	34,695	44,359	41,748	41,240	38,678	34,281	37,786
CSA Warning Letter	2,184	5,790	39,004	23,835	20,225	20,535	20,443	30,530	26,982	26,970	25,652	22,250	25,919
Offsite Investigation	345	687	639	618	619	381	169	127	91	238	1,013	5,058	4,821
Onsite Focused Investigation	520	1,199	6,246	10,470	9,388	7,376	7,911	7,110	7,497	7,573	6,177	3,938	4,905
Onsite Comprehensive Investigation	386	829	1,400	7,039	5,796	5,891	5,395	5,981	6,387	5,925	5,494	2,908	2,064
PRISM Warning Letter	7,500	7,415	1,764	-	-	-	-	-	-	-	-	-	-
Compliance Review	16,517	14,564	8,263	-	-	-	-	-	-	-	-	-	-
Non-ratable Review	879	881	883	1,313	2,112	749	777	611	791	534	342	127	77
Estimated Benefits													
Crashes Prevented	2,398	1,830	6,567	5,283	7,256	5,811	7,136	7,648	8,765	9,627	8,379	6,819	11,305
Injuries Prevented	1,508	1,142	4,033	3,251[R]	4,354	3,316	3,965	4,213	4,818	5,153	4,519	3,461	5,599
Lives Saved	80	59	215	175[R]	229	168	212	222	269	275	246	217	370