

2022

Missouri Teen Seat Belt Survey

Final Report

Submitted By: Missouri Safety Center, January 2023

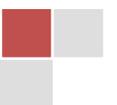
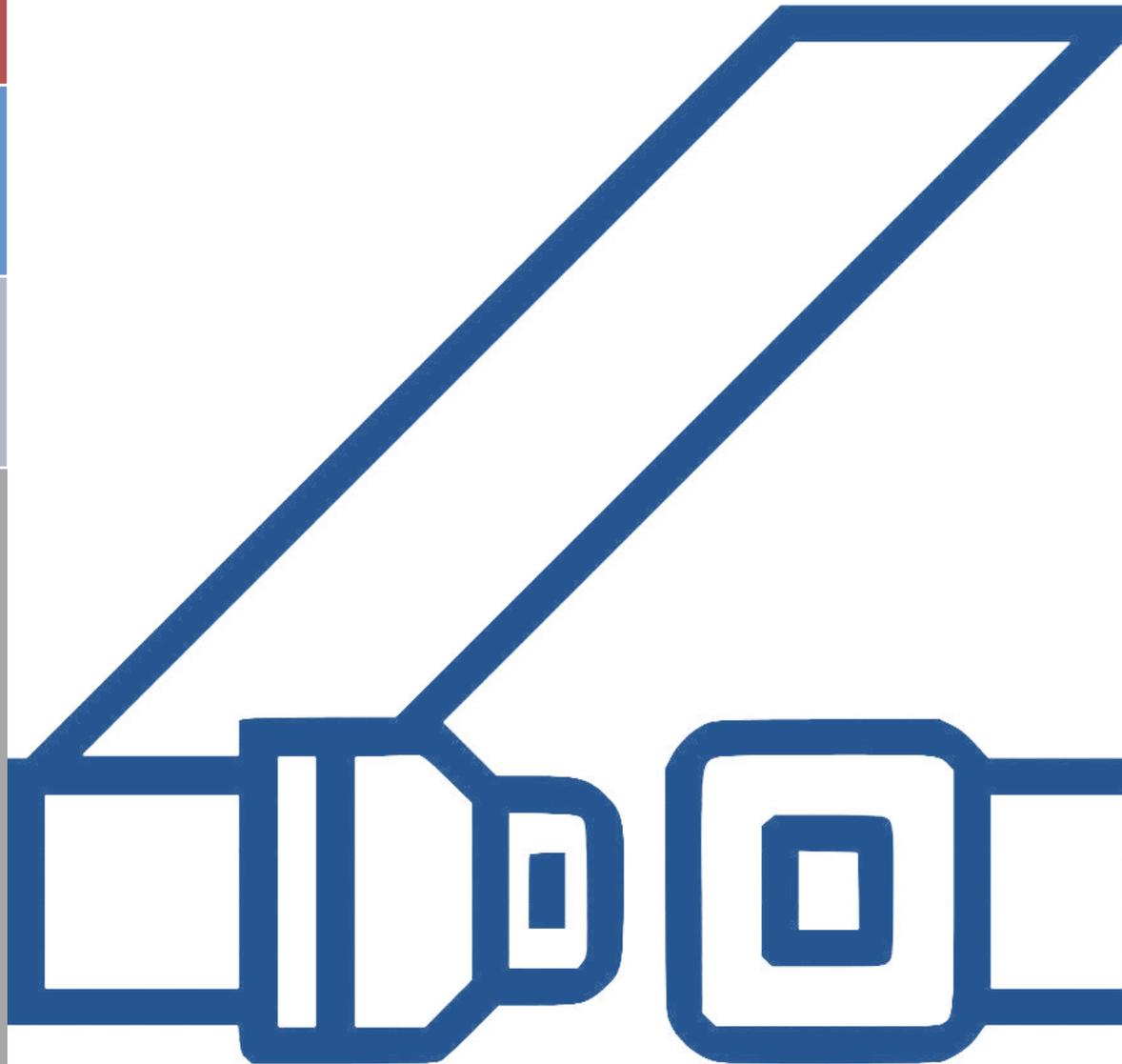


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**Every Teen seat belt survey from 2004 through 2018 was conducted as a replication of the former year and each took place during the month of April. However, in 2020, due to COVID the survey was rescheduled and took place during the month of October. In 2020 it was decided that the survey will continue to be conducted during the month of October going forward.

Over the history of the survey the same 150 high schools have been observed. In preparation for the 2022 survey, several meetings were held between the Highway Safety & Traffic Division of the Missouri Department of Transportation and the Missouri Safety Center to discuss reselection of schools. Using the same parameters, guiding principles, and procedures used in the 2004 survey, new schools were selected in 2022. A total of 150 schools were selected for the study. Changes include new schools being added, some previous schools being removed, these changes have been highlighted in the attachments below.

Attachment A is a list of the schools selected for the survey by MoDOT districts.

Executive Summary

A Teen (High School) Seat Belt Observational Survey was conducted in the State of Missouri from October 1st through October 30th, 2022, by the Missouri Safety Center. This effort was funded by the Highway Safety & Traffic Division of MoDOT. Most data collectors (surveyors) were identified and trained in 2020. Training in 2022 was conducted on an as-needed basis.

One hundred percent of the observations were collected in the AM timeframe. Observations were conducted Monday through Friday with 25.6 percent on Monday, 24.1 percent on Tuesday, 21.1 percent on Wednesday, 17.5 percent on Thursday and 11.7 percent on Friday. (Eighty-eight percent of the observations were obtained in dry weather, 11 percent of the observations being obtained in wet weather, and 1 percent of the observations occurred during fog.)

A total of 30,746 observations were collected at 150 high schools. Two instruments were used to collect these data; one instrument focused on the survey site information and the other targeted the vehicle type, both driver and front seat outboard passenger classification, restraint status, gender, race and any other occupants in the vehicle.

There were 12,186 teenage and 9,921 adult drivers observed with 29 driver classifications unknown. In addition, 8,610 front seat outboard passengers were identified of which 7,903 were teenagers, 333 adults and 374 children.

The following is a list of the major findings:

- The 2022 seat belt use for all teenage drivers and teenage front seat outboard passengers combined was 71.8 percent, this is a 3.7 percent decrease when compared to the survey findings of 75.5% in 2020.
- There were 12,186 teenage drivers observed of which, 8,559 or 70.2 percent were using seat belts. This is a 4.2 percent decrease over the 74.4 percent using seat belts in 2020. This number is still well below the 2022 statewide seat belt use rate of 88.9 percent.
- Female teenage drivers seat belt use was 15.0 percent higher than male teenage drivers at 77.5 and 62.5 percent, respectively. Seat belt use among teenage male drivers decreased by 4.7 percent when compared to the 2020 survey results (67.2%). Seat belt use among teenage female drivers decreased by 3.7 percent when compared to the 2020 survey results (81.2%)
- Of all the drivers observed 9,887 (44.7%) were male and 12,147 (54.9%) were female with 102 (0.4%) of unknown gender. Female and male teenage drivers were equally observed with slightly more females observed than males (52.5% to 47.0% with 0.5% unknown)
- Of the passengers observed 3,910 (45.4%) were male and 4,670 (54.2%) were female with 30 (0.4%) of unknown gender.

- In the 2022 Teen survey seat belt use for both adult drivers (71.1%) and teenage drivers (70.2%) decreased when compared to the 2020 survey results by 3.1 and 4.2 percent, respectively. (2020 data adult drivers 74.2% / teenage drivers 74.4%)
- Seat belt use for the front seat outboard teenage passengers was 77.3 percent when riding with an adult driver. The adult drivers seat belt use in this situation was 73.4 percent.
- When a teenage driver had an adult front seat outboard passenger, seat belt use for the teenage driver was 87.3 percent, while the adult passengers usage was only 92.1 percent.
- When there was a teenage driver with a teenage front seat outboard passenger seat belt use was slightly lower for the driver. The teenage drivers seat belt use was 70.0 and the teenage passenger was 70.5 percent. This is a decrease of 6.6 percent for teenage drivers and 5.4 for teenage passengers, when compared to the 2020 survey results. (2020 data teenage driver 76.6% / Teenage passenger 75.9%)
- Of the male teenage drivers, 62.8 percent wore seat belts when there was a teenage front seat outboard passenger in the vehicle. The teenage passengers seat belt use was slightly lower at 62.7 percent.
- When the teenage driver was female and there was a teenage front seat outboard passenger, the drivers seat belt use was 76.3 percent, and the passengers was slightly higher at 76.9 percent. The female drivers seat belt use was 13.5 percent higher than male teenage drivers under these circumstances.
- Teenage drivers of vans were most often belted at 79.2 percent. Only 51.3 percent of the teenage drivers in trucks were belted.
- Of the drivers (adults and teenagers) and passengers (adults, teenagers, and children) observed, white was the most frequent race observed with 93.0 percent of the drivers and 91.9 percent of the passengers; Asian was the least observed with 0.6 percent for drivers and 0.4 percent for passengers; however, the Asian drivers had the highest seat belt use at 87.1 percent. African American drivers had the lowest use rate at 62.4 percent.
- The MoDOT Districts of KC (77.9%), and SL (83.3%), had the highest seat belt use when the teenage drivers and teenage outboard front seat occupants were combined. In contrast, the MoDOT Districts of NW (61.7%) and SE (60.4%), had the lowest observed seat belt use among this group.
- Teen and adult female drivers had the highest seat belt use at 52.5 and 57.7 percent, respectively. As with the drivers, teen and adult female passengers had the highest seat belt use at 54.8 and 57.4 percent, respectively. Seat belt use for teenage male drivers was higher than adult male drivers at 47.0 and 41.9 percent, respectively.

Survey Parameters, Guiding Principles & Sampling Procedure

In 2004, the Missouri Safety Center was requested by the Highway Safety & Traffic Division of the Missouri Department of Transportation to conduct a High School Seat Belt Observational Survey. In preparation for the 2004 survey, several meetings were held to outline the survey parameters, guiding principles, and sampling procedures.

Five guiding principles, identified through these collaborative meetings, served as the underlying basis for the sampling plan used in this study.

- The individual public high school would be the basic sample unit at which seat belt use observations would be made.
- The seat belt usage rates of high school students would be computed for each of the ten MoDOT Districts. In 2012 MoDOT went from ten districts to seven; the high school survey was adjusted to meet this requirement.
- The number of schools selected from each MoDOT District would be in proportion to the number of schools that district has in comparison to the state total of 496 public high schools.
- The high schools within each District would be selected in their descending order of student enrollment to maximize the number of high school students from each MoDOT District.

The sampling procedures involved obtaining a list of all public high schools and their corresponding student enrollments from the Missouri Department of Elementary and Secondary Education. These were sorted by county and aggregated by MoDOT Districts.

The specific number of high schools to be included from each MoDOT District was computed by multiplying the Districts percentages of the state's public high schools by the total number of high schools to be observed. To maximize the number of students observed within each MoDOT District, the schools were placed in descending order of student enrollment. Individual schools were then selected in their order of descending enrollment.

A total of 150 schools were selected for the study. Attachment A is a list of the schools selected for the survey by the MoDOT districts.

Two instruments were used to collect these data: Site Summary Form, Driver and Passenger Form (See Attachment B). The Site Summary Form identifies the MoDOT District, school, day of week, and road conditions. The data elements on the Driver and Passenger Form are vehicle type, driver classification (adult or teenage), driver restraint status, gender, race (White, African American, Hispanic/Latino, Asian or unknown), the classification of the front seat outboard passenger (adult, teenager, or child), restraint status, gender, race, and additional passengers.

Key Findings

Table 1 shows the number of schools surveyed and the number of counties represented by MoDOT District. There are a total of 150 schools from 77 counties: 70 percent of the 115 counties (including the City of St. Louis), in the State.

Table 1
Number of Schools and Counties
by MoDOT District

MoDOT District	Number of Schools Surveyed	Number of Counties
Northwest (NW)	20	14
Northeast (NE)	12	8
Kansas City (KC)	24	7
Central (C)	18	14
St. Louis (SL)	24	4
Southwest (SW)	27	13
Southeast (SE)	25	17
TOTAL	150	77

The number of total observations and the percent of the total sample by MoDOT District are presented in Table 2. The St. Louis District had the largest percent of the total observations, 5,221 or 16.9 percent, while the Northeast District had the fewest, 2,769 or 9.0 percent.

Table 2
Frequency and Percent of Observations
by MoDOT District

MoDOT District	Freq.	%
Northwest (NW)	4,326	14.1
Northeast (NE)	2,769	9.0
Kansas City (KC)	4,507	14.7
Central (C)	4,136	13.5
St. Louis (SL)	5,221	16.9
Southwest (SW)	4,989	16.2
Southeast (SE)	4,798	15.6
TOTAL	30,746	100

Table 3 lists the number and types of vehicles observed during the survey. The car was the most frequent vehicle observed (37.7%), whereas the van was the least likely (5.7%).

Table 3
Frequency of Observations by Vehicle Type

Vehicle Type	Freq.	%
Car	8,357	37.7
SUV	8,313	37.6
Truck	4,205	19.0
Van	1,261	5.7
TOTAL	22,136	100

Of the drivers observed, 55.1 percent were teenagers. The majority of the passengers were also teenagers, 91.8 percent. Table 4 depicts these data.

Table 4
Frequency of Drivers and Passengers
by Classification

Classification	Driver		Passenger	
	Freq.	%	Freq.	%
Teenager	12,186	55.1	7,903	91.8
Adult	9,921	44.9	333	3.9
Child	NA	NA	374	4.3
TOTAL	22,107	100	8,610	100

Frequency Driver missing 29

There were two classifications of drivers (adult/teenager) and three for front seat outboard passengers (adult/teenager/child) observed. Frequency of drivers by gender and classification is reflected in Table 5. Of the drivers observed 9,887 (44.7%) were male and 12,147 (54.9%) were female with 102 of unknown gender.

Table 5
Frequency of Drivers
by Gender and Classification

Drivers	Male		Female		Unknown	
	Freq.	%	Freq.	%	Freq.	%
Teenager	5,726	47.0	6,400	52.5	60	0.5
Adult	4,152	41.9	5,727	57.7	42	0.4
Unknown	9	31.0	20	69.0	0	0
TOTAL	9,887	44.7	12,147	54.9	102	0.4

Table 6 reflects the frequency of passengers by gender and classification. Of the passengers observed 3,910 (45.4%) were male and 4,670 (54.2%) were female with 30 of unknown gender.

Table 6
Frequency of Passengers
by Gender and Classification

Passenger	Male		Female		Unknown	
	Freq.	%	Freq.	%	Freq.	%
Teenager	3,558	45.0	4,327	54.8	18	0.2
Adult	138	41.4	191	57.4	4	1.2
Child	214	57.2	152	40.7	8	2.1
TOTAL	3,910	45.4	4,670	54.2	30	0.4

Figure 1 shows the percent of teenage/adult drivers and teenage/adult/child passengers by gender. There were more female drivers and passengers observed than male drivers and passengers.

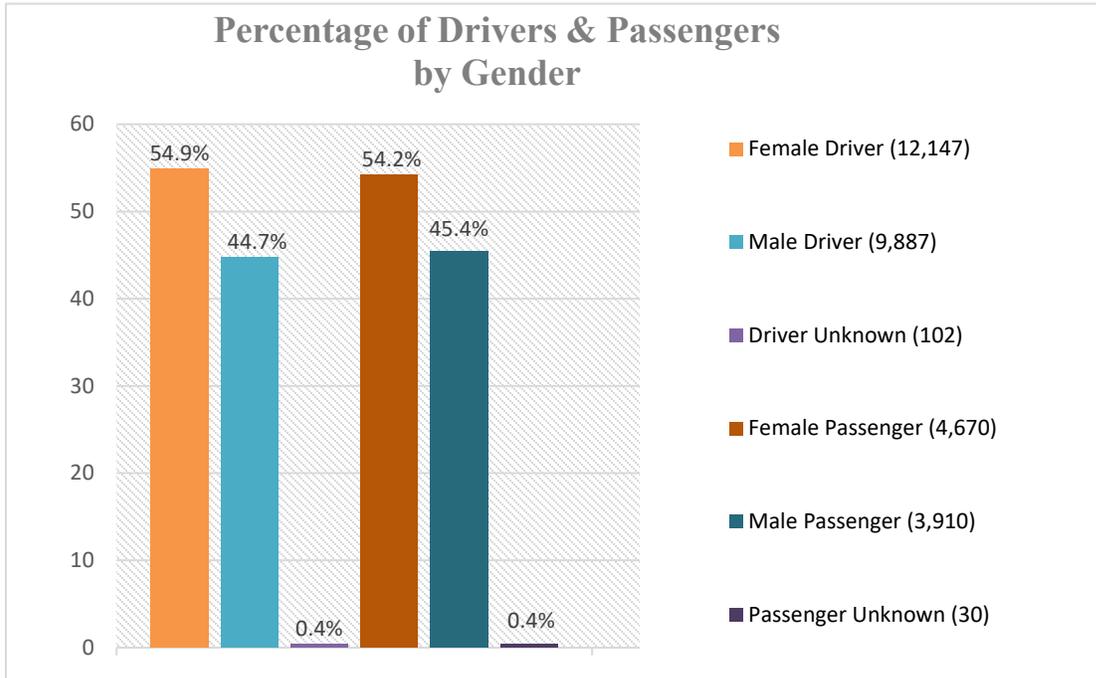


Figure 1-Percentage of Drivers and Passengers by Gender

Of the drivers (adults and teenagers) and passengers (adults, teenagers, and children) observed, White was the most frequent race with 92.8 percent of the drivers and 91.9 percent of the passengers. Asian was the least frequently observed with 0.6 for drivers and 0.4 for passengers. Table 7 presents these data.

Table 7
Frequency of Drivers and Passengers
by Race

Race	Driver		Passenger	
	Freq.	%	Freq.	%
Asian	132	0.6	38	0.4
African American	1,168	5.3	508	5.9
Hispanic/Latino	278	1.2	150	1.7
White	20,543	92.8	7,908	91.9
Other	15	0.1	6	0.1
TOTAL	22,136	100	8,610	100

Table 8 depicts the adult and teenage drivers seat belt use by race. Asian drivers had the highest seat belt use at 87.1 percent. African American drivers had the lowest use at 62.4 percent.

Table 8
Adult and Teenage Drivers
Seat Belt Use by Race

RACE	Restrained		Non-Restrained	
	Freq.	%	Freq.	%
Asian	115	87.1	17	12.9
African American	729	62.4	439	37.6
Hispanic/Latino	212	76.3	66	23.7
White	14,560	70.9	5,983	29.1
Unknown	12	80.0	3	20.0
TOTAL	15,628	70.6	6,508	29.4

Seat belt use for both drivers and passengers was low at 70.6 and 74.2 percent, respectively. Data in Table 9 includes all adult and teenager drivers and adult, teenage, and child front seat outboard passengers.

Table 9
Frequency of Drivers and Passengers
Seat Belt Use

Seat Belt Status	Driver		Passenger	
	Freq.	%	Freq.	%
Belted	15,628	70.6	6,392	74.2
Not Belted	6,508	29.4	2,218	25.8
TOTAL	22,136	100	8,610	100

Of the 22,136 vehicles observed, there were 866 vehicles with one additional passenger, 269 with two additional passengers, and 26 with three additional passengers. These passengers are in addition to the front seat outboard passengers which were counted separately.

Displayed in Table 10 is the seat belt use of all drivers by MoDOT District. The SL District observed the highest driver seat belt usage at 80.7 percent, whereas the NW District had the lowest observed driver seat belt usage at 63.0 percent.

**Table 10
Driver Seat Belt Use
by MoDOT District**

MoDOT	Drivers Restrained		Drivers Non-Restrained	
	Freq.	%	Freq.	%
NW	1,945	63.0	1,141	37.0
NE	1,373	71.3	552	28.7
KC	2,644	77.4	773	22.6
C	2,142	73.4	777	26.6
SL	2,987	80.7	716	19.3
SW	2,563	69.2	1,143	30.8
SE	1,974	58.4	1,406	41.6
TOTAL	15,628	70.6	6,508	29.4

Displayed in Table 11 is the seat belt use of all passengers by MoDOT District. Passengers within the SL District had the highest observed seat belt usage at 83.8 percent. The lowest seat belt usage was observed within the NW District at 64.0 percent.

**Table 11
Passenger Seat Belt Use
by MoDOT District**

MoDOT	Passengers Restrained		Passengers Non-Restrained	
	Freq.	%	Freq.	%
NW	793	64.0	447	36.0
NE	644	76.3	200	23.7
KC	879	80.6	211	19.4
C	897	73.7	320	26.3
SL	1,272	83.8	246	16.2
SW	956	74.5	327	25.5
SE	951	67.1	467	32.9
TOTAL	6,392	74.2	2,218	25.8

Displayed in Tables 12 and 13 is the seat belt usage by adult drivers and teenage drivers by MoDOT District. Adult and teenage drivers had similar seat belt usage at 71.1 and 70.2 percent, respectively.

**Table 12
Adult Driver Seat belt Use
by MoDOT District**

MoDOT	2022 Restrained		2022 Non- Restrained	
	Freq.	%	Freq.	%
NW	1,181	65.2	631	34.8
NE	652	71.0	266	29.0
KC	767	78.4	212	21.6
C	966	74.6	329	25.4
SL	1,517	79.2	399	20.8
SW	1,024	70.1	436	29.9
SE	943	62.2	598	38.8
TOTAL	7,050	71.1	2,871	28.9

**Table 13
Teenage Driver Seat belt Use
By MoDOT District**

MoDOT	2022 Restrained		2022 Non- Restrained	
	Freq.	%	Freq.	%
NW	764	60.0	509	40.0
NE	721	71.6	286	28.4
KC	1,877	77.0	561	23.0
C	1,173	72.4	448	27.6
SL	1,467	82.6	310	17.4
SW	1,534	68.5	706	31.5
SE	1,023	55.9	807	44.1
TOTAL	8,559	70.2	3,627	29.8

Table 14 shows driver seat belt use by vehicle type by MoDOT District. Drivers of vans had an overall high of 78.3 percent seat belt use, while those drivers observed driving trucks had the overall lowest belt use at 54.7 percent.

Table 14
Adult and Teenage Driver Seat belt Use by
Vehicle Type by MoDOT District

MoDOT	Car				SUV				Truck				Van			
	Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	648	61.3	410	38.7	849	71.8	333	28.2	311	46.5	358	53.5	137	77.4	40	22.6
NE	528	75.4	172	24.6	541	73.0	200	27.0	222	58.9	155	41.1	82	76.6	25	23.4
KC	1,159	76.5	357	23.5	1034	81.0	242	19.0	316	67.4	153	32.6	135	86.5	21	13.5
C	819	76.8	247	23.2	878	81.2	203	18.8	328	52.7	295	47.3	117	78.5	32	21.5
SL	1,253	80.1	312	19.9	1,263	83.6	247	16.4	276	70.6	115	29.4	195	82.3	42	17.7
SW	986	72.3	378	27.7	986	74.3	341	25.7	431	53.4	376	46.6	160	76.9	48	23.1
SE	619	56.9	469	43.1	777	65.0	419	35.0	417	48.0	452	52.0	161	70.9	66	29.1
TOTAL	6,012	71.9	2,345	28.1	6,328	76.1	1,985	23.9	2,301	54.7	1,904	45.3	987	78.3	274	21.7

Seventy-eight percent of the adult drivers in vans were restrained, whereas only 58.7 percent of the adult drivers were restrained in trucks. Table 15 shows adult driver seat belt use by vehicle type by MoDOT District.

Table 15
Adult Driver Seat belt Use
by Vehicle Type by MoDOT District

MoDOT	Car				SUV				Truck				Van			
	Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	254	60.8	164	39.2	609	72.5	231	27.5	189	48.5	201	51.5	129	78.7	35	21.3
NE	148	74.0	52	26.0	323	71.9	126	28.1	112	63.3	65	36.7	69	75.0	23	25.0
KC	196	75.1	65	24.9	385	80.4	94	19.6	105	71.4	42	28.6	81	88.0	11	12.0
C	215	76.0	68	24.0	498	80.7	119	19.3	160	58.4	114	41.6	93	76.9	28	23.1
SL	461	75.0	154	25.0	738	82.6	155	17.4	160	73.7	57	26.3	158	82.7	33	17.3
SW	258	69.9	111	30.1	466	74.1	163	25.9	183	58.8	128	41.2	117	77.5	34	22.5
SE	190	56.1	149	43.9	405	65.6	212	34.4	213	54.1	181	45.9	135	70.7	56	29.3
TOTAL	1,722	69.3	763	30.7	3,424	75.7	1,100	24.3	1,122	58.7	788	41.3	782	78.0	220	22.0

Table 16 shows the teenage driver seat belt use by vehicle type by MoDOT District. No matter the category, adult/teenage drivers combined, adult drivers only or teenage drivers only, drivers of Vans had the highest usage rate with drivers of trucks having the lowest. Overall, seat belt use for teenage drivers by vehicle type was 73.1 percent in Cars, 76.7 percent in Sport Utility Vehicles, 51.3 percent in Trucks and 79.2 percent in Vans.

**Table 16
Teenage Driver Seat belt Use
by Vehicle Type by MoDOT District**

MoDOT	Car				SUV				Truck				Van			
	Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	394	61.7	245	38.3	240	70.2	102	29.8	122	43.7	157	56.3	8	61.5	5	38.5
NE	380	76.0	120	24.0	218	74.7	74	25.3	110	55.0	90	45.0	13	86.7	2	13.3
KC	963	76.7	292	23.3	649	81.4	148	16.6	211	65.5	111	34.5	54	84.4	10	15.6
C	604	77.1	179	22.9	377	81.8	84	18.2	168	48.1	181	51.9	24	85.7	4	14.3
SL	792	83.5	156	16.5	522	85.4	89	14.6	116	67.4	56	32.6	37	80.4	9	19.6
SW	727	73.2	266	26.8	518	74.4	178	25.6	246	49.8	248	50.2	43	58.4	14	24.6
SE	426	57.1	320	42.9	369	64.2	206	35.8	202	42.7	271	57.3	26	72.2	10	27.8
TOTAL	4,286	73.1	1,578	26.9	2,893	76.7	881	23.3	1,175	51.3	1,114	48.7	205	79.2	54	20.8

There were two classifications of drivers (adult/teenager) and three classifications for front seat outboard passengers (adult/teenager/child) observed. Seat belt usage of drivers and passengers by classification and gender are reflected in Table 17 and 18. Teen and adult female drivers had the highest seat belt use at 77.5 and 76.3 percent, respectively. Seat belt use for teenage male drivers was lower than adult male drivers by 1.3 percent.

**Table 17
Driver Seat belt Use
by Classification and Gender**

Drivers	Teenager				Adult				Unknown			
	Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%
Male	3,579	62.5	2,147	37.5	2,650	63.8	1,502	36.2	6	66.7	3	33.3
Female	4,962	77.5	1,439	22.5	4,372	76.3	1,355	23.7	13	65.0	7	35.0
Unknown	19	31.7	41	68.3	28	66.7	14	33.3	0	0.0	0	0.0
TOTAL	8,559	70.2	3,627	29.8	7,050	71.1	2,871	28.9	19	65.5	10	34.5

Seat belt usage of passengers by classification and gender is reflected in Table 18.

Table 18
Passenger Seat belt Use by
Classification and Gender

Drivers	Teenager				Adult				Child			
	Restrained		Non-Restrained		Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%	Freq.	%
Male	2,481	69.7	1,077	30.3	76	55.1	62	44.9	170	79.4	44	20.6
Female	3,379	78.1	948	21.9	150	78.5	41	21.5	118	77.6	34	22.4
Unknown	11	61.1	7	38.9	1	25.0	3	75.0	0	0.0	0	0.0
TOTAL	5,871	74.3	2,032	25.7	227	68.2	106	31.8	294	78.6	80	21.4

Overall, female teenage drivers were belted more frequently at 77.5 percent than male drivers at only 62.5 percent. Male teenage driver seat belt usage ranges from a high of 79.1 percent in the SL District to a low of 45.9 percent in the SE District. Female driver seat belt use ranges from a high of 86.2 percent in the SL District to a low of 65.5 percent in the SE District. Table 19 presents the teenage driver seat belt use by gender by MoDOT District.

Table 19
Teenage Driver Seat belt Use by
Gender by MoDOT District

MoDOT	Male				Female			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	321	50.6	313	49.4	441	69.5	194	30.5
NE	303	66.2	155	33.8	418	76.1	131	23.9
KC	786	71.7	311	28.3	1,091	81.5	248	18.5
C	484	61.3	305	38.7	682	83.4	136	16.6
SL	631	79.1	167	20.9	836	86.2	134	13.8
SW	659	60.5	430	39.5	873	76.4	270	23.6
SE	395	45.9	466	54.1	620	65.5	326	34.5
TOTAL	3,579	62.5	2,147	37.5	4,961	77.5	1,439	22.5

Table 20 shows seat belt use when the driver was an adult and the passenger a teenager. Seat belt use for teenage drivers with adult passengers is depicted in Table 21. Teenage drivers with teenage passengers seat belt use is presented in Table 22.

When an adult driver had a front seat outboard teenage passenger, overall seat belt use by the teenage passenger was higher than the adults seat belt use rate, 77.3 and 73.4 percent, respectively. Table 20 depicts these findings.

Table 20
Adult Driver Seat belt Use
and Teenage Passenger Seat belt Use by
MoDOT District

MoDOT	Adult Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	479	68.1	224	31.9	470	67.0	232	33.0
NE	336	68.7	153	31.3	377	77.1	112	22.9
KC	375	79.6	96	20.4	389	82.6	82	17.4
C	460	78.6	125	21.4	455	77.8	130	22.2
SL	707	80.4	172	19.6	741	84.3	138	15.7
SW	408	76.6	125	23.4	430	80.7	103	19.3
SE	450	62.7	268	37.3	521	72.6	197	27.4
TOTAL	3,214	73.4	1,163	26.6	3,383	77.3	994	22.7

In those cases where a teenage driver had an adult front seat outboard passenger, the overall seat belt use was 87.3 percent for the teenage driver and 92.1 for the adult passenger. In three of the seven districts (KC, C, SE), the adult passenger seat belt use was higher than the teenage drivers rate. Table 21 shows these data.

Table 21
Teenage Driver Seat belt Use and
Adult Passenger Seat belt Use
by MoDOT District

MoDOT	Teenage Driver				Adult Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	5	100	0	0.0	4	80.0	1	20.0
NE	1	100	0	0.0	1	100	0	0.0
KC	16	84.2	3	15.8	17	89.5	2	10.5
C	10	76.9	3	23.1	12	92.3	1	7.7
SL	8	100	0	0.0	8	100	0	0.0
SW	13	100	0	0.0	13	100	0	0.0
SE	2	50.0	2	50.0	3	75.0	1	25.0
TOTAL	55	87.3	8	12.7	58	92.1	5	7.9

With an adult driver/teenage passenger or teenage driver/adult passenger the teenager seat belt use rate was 77.3 and 87.3 percent, respectively. When there is a teenage driver and teenage front seat outboard passenger, the use rate is 70.0 percent for the driver and 70.5 percent for the passenger. The teenage driver and teenage passenger seat belt use by MoDOT District is displayed in Table 22.

Table 22
Teenage Driver Seat belt Use
and Teenage Passenger Seat belt Use by MoDOT District

MoDOT	Teenage Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	203	58.5	144	41.5	199	57.4	148	42.6
NE	246	75.2	81	24.8	245	74.9	82	25.1
KC	428	78.4	118	21.6	426	78.0	120	22.0
C	354	71.4	142	28.6	332	66.9	164	33.1
SL	490	82.6	103	17.4	498	84.0	95	16.0
SW	435	68.6	199	31.4	438	69.1	196	30.9
SE	301	52.9	268	47.1	339	59.6	230	40.4
TOTAL	2,457	70.0	1,055	30.0	2,477	70.5	1,035	29.5

When the driver was a female teenager, the teenage passenger was restrained at 76.9 percent, whereas the teenage passenger with a male teenage driver were only restrained at 62.7 percent. The seat belt use is 13.5 percent lower for the driver when the driver is a teenage male (62.8%) as compared to a teenage female (76.3%) when there is a teenage front seat outboard passenger in the vehicle. The seat belt use for the female and male teenage drivers with teenage front seat outboard passengers is shown in Tables 23 and 24.

Table 23
Female Teenage Driver Seat belt Use
and Teenage Passenger Seat belt Use by MoDOT District

MoDOT	Female Teenage Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	128	66.3	65	33.7	130	67.4	63	32.6
NE	138	77.1	41	22.9	145	81.0	34	19.0
KC	262	81.1	61	18.9	258	79.9	65	20.1
C	221	81.0	52	19.0	209	76.6	64	23.4
SL	287	84.9	51	15.1	292	86.4	46	13.6
SW	251	76.3	78	23.7	249	75.7	80	24.3
SE	179	62.6	107	37.4	195	68.2	91	31.8
TOTAL	1,466	76.3	455	23.7	1,478	76.9	443	23.1

Table 24
Male Teenage Driver Seat belt Use
by Teenage Passenger Seat belt Use by MoDOT District

MoDOT	Male Teenage Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq.	%	Freq.	%	Freq.	%	Freq.	%
NW	75	48.7	79	51.3	69	44.8	85	55.2
NE	108	73.0	40	27.0	100	67.6	48	32.4
KC	166	74.8	56	25.2	167	75.2	55	24.8
C	130	59.9	87	40.1	120	55.3	97	44.7
SL	203	81.2	47	18.8	201	80.4	49	19.6
SW	182	60.7	118	39.3	186	62.0	114	38.0
SE	120	43.6	155	56.4	139	50.6	136	49.4
TOTAL	984	62.8	582	37.2	982	62.7	584	37.3

The number of passengers in addition to the front seat outboard passenger was recorded. Table 25 presents the teenage driver seat belt use by the additional number of passengers.

Table 25
Teenage Driver Seat belt Use by
Number of Additional Passenger

Number of Passengers	Driver Restrained		Driver Non-Restrained	
	Freq.	%	Freq.	%
1	185	69.6	81	30.4
2	61	78.2	17	21.8
3	5	50.0	5	50.0

When all the teenager drivers and front seat outboard passengers are combined, seat belt use is 71.8 percent. The seat belt use for all teenage drivers and front seat outboard passengers was the lowest within the NW and SE Districts. Table 26 presents the teenage drivers and passengers combined seat belt use by MoDOT District

Table 26
Teenage Driver and Passenger Combined Seat belt Use
By MoDOT District

MoDOT	2020 Restrained		2020 Non-Restrained	
	Freq.	%	Freq.	%
NW	1,433	61.7	890	38.3
NE	1,343	73.7	480	26.3
KC	2,692	77.9	763	22.1
C	1,961	72.6	742	27.5
SL	2,711	83.3	543	16.7
SW	2,405	70.5	1,006	29.5
SE	1,885	60.4	1,235	39.6
TOTAL	14,430	71.8	5,659	28.2

Attachment A

List of High Schools by MoDOT District

High School by MoDOT District

	NW District	Northwest Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
NW-01	Buchanan	Central High	2602 Edmond	St Joseph	64501	9-12	1,707
NW-02	Buchanan	Benton High	5655 S Fourth	St Joseph	64504	9-12	710
NW-03	Buchanan	Lafayette High	412 Highland Ave	St Joseph	64505	9-12	777
NW-04	Mercer	Princeton R-V	1008 E. Coleman	Princeton	64673	7-12	173
NW-05	Nodaway	Maryville High	1503 S Munn Ave	Maryville	64468	9-12	474
NW-06	Clinton	Cameron High	1022 S Chestnut	Cameron	64429	9-12	524
NW-07	Harrison	South Harrison High	3400 Bulldog Ave	Bethany	64424	7-12	264
NW-08	Atchison	Rock Port High	600 S Nebraska St.	Rock Port	64482	7-12	153
NW-09	Atchison	Tarkio High	312 S 11 th Street	Tarkio	64491	6-12	173
NW-10	Daviess	Gallatin High	602 S Olive	Gallatin	64640	9-12	175
NW-11	Clinton	Lathrop High	612 Center	Lathrop	64465	9-12	315
NW-12	Clinton	Plattsburg High	800 Frost St	Plattsburg	64477	9-12	183
NW-13	Caldwell	Penney High	903 N Davis	Hamilton	64644	9-12	191
NW-14	Livingston	Chillicothe High	2801 Hornet Rd	Chillicothe	64601	9-12	611
NW-15	Grundy	Trenton Sr. High	1415 Oklahoma Ave	Trenton	64683	9-12	339
NW-16	Linn	Brookfield High	124 Pershing Rd	Brookfield	64628	9-12	296
NW-17	Chariton	Salisbury High	1000 S Maple Ave	Salisbury	65281	7-12	233
NW-18	Sullivan	Milan High	373 S Market St	Milan	63556	7-12	299
NW-19	Carroll	Carrollton Senior High	300 E Ninth St	Carrollton	64633	9-12	232
NW-20	Linn	Marceline High	314 E Santa Fe	Marceline	64658	9-12	200

	NE District	Northeast Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
NE-01	Lincoln	Ellsberry High	138 Tomahawk Drive	Ellsberry	63343	9-12	233
NE-02	Lincoln	Silex High	64 Highway UU	Silex	63377	7-12	210
NE-03	Warren	Warrenton High	803 Pinckney	Warrenton	63383	9-12	954
NE-04	Warren	Wright City High	520 Westwoods Road	Wright City	63390	9-12	494
NE-05	Pike	Louisiana High	3321 W Georgia St.	Louisiana	63353	9-12	225
NE-06	Pike	Bowling Green High	700 W Adams	Bowling Green	63334	K-12	409
NE-07	Lewis	Highland Jr.-Sr. High	21504 State Highway 6	Lewistown	63452	7-12	408
NE-08	Marion	Palmyra High	1703 S Main St	Palmyra	63461	9-12	361
NE-09	Clark	Clark Co. High	680 E Main	Kahoka	63445	9-12	301
NE-10	Ralls	Mark Twain Sr. High	21622 Highway 19	Center	63436	9-12	245
NE-11	Randolph	Moberly Sr. High	1625 Gratz Brown Rd	Moberly	65270	9-12	752
NE-12	Randolph	Northeast High	301 W. Martin	Cairo	65239	6-12	213

	KC District	Kansas City Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
KC-01	Clay	Excelsior Springs High	612 Tiger Drive	Excelsior Springs	64024	9-12	765
KC-02	Clay	Staley High	2800 N.E. Shoal Creek Pkwy	Kansas City	64156	9-12	1,787
KC-03	Clay	Kearney High	715 E 19 th St.	Kearney	64118	10-12	838
KC-04	Jackson	Truman High	3301 S Noland Rd	Independence	64055	9-12	1,570
KC-05	Jackson	Blue Springs High	2000 NW Ashton Dr	Blue Springs	64015	9-12	2,427
KC-06	Jackson	Grain Valley High	551 S.W. Eagles Pkwy	Grain Valley	64029	9-12	1,410
KC-07	Jackson	Center Sr. High	8715 Holmes	Kansas City	64131	9-12	692
KC-08	Jackson	William Chrisman High	1223 N Noland Rd	Independence	64050	9-12	1,470
KC-09	Jackson	University Academy-Upper	6801 Holmes Rd.	Kansas City	64131	9-12	227
KC-10	Jackson	Lone Jack High	313 S Bynum Rd	Lone Jack	64070	6-12	385
KC-11	Platte	Park Hill High	7701 NW Barry Rd	Kansas City	64153	9-12	1,909
KC-12	Platte	West Platte High	1103 Washington St	Weston	64098	9-12	298
KC-13	Jackson	Raytown South Sr. High	8211 Sterling Ave	Raytown	64138	9-12	1,176
KC-14	Jackson	Central High	3221 Indiana	Kansas City	64128	9-12	516
KC-15	Cass	Belton High	801 W. North Ave	Belton	64012	9-12	1,447
KC-16	Jackson	Lee's Summit West High	2600 SW Ward Road	Lee's Summit	64082	9-12	2,125
KC-17	Jackson	East High School	1924 Van Brunt Blvd	Kansas City	64127	9-12	983
KC-18	Lafayette	Odessa High	713 S Third St	Odessa	64076	9-12	608
KC-19	Jackson	Ruskin High School	7000 E 111 th St	Kansas City	64138	9-12	122
KC--20	Johnson	Warrensburg High	1411 S Ridgeview Dr	Warrensburg	64093	9-12	977
KC-21	Johnson	Holden High	1901 S Main	Holden	64040	9-12	363
KC-22	Johnson	Knob Noster High	504 S Washington	Knob Noster	65336	9-12	410
KC-23	Cass	Archie High	302 W State Rt A	Archie	64725	6-12	282
KC-24	Pettis	Smithton High	505 S Myrtle	Smithton	65350	7-12	260

	C District	Central Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
C-01	Boone	David H. Hickman High	1104 N Providence Rd	Columbia	65203	9-12	1,920
C-02	Cole	Jefferson City High	609 Union St	Jefferson City	65101	9-12	1,548
C-03	Camden	Stoutland High	7584 State Rd T	Stoutland	65567	7-12	202
C-04	Camden	Camdenton High	662 Laker Pride Rd	Camdenton	65020	9-12	1,346
C-05	Cole	Capital City High	1650 Cavalier Dr	Jefferson City	65109	9-12	1,084
C-06	Pulaski	Dixon High	300 E. High School Dr	Dixon	65459	9-12	257
C-07	Laclede	Conway High	726 W Jefferson Ave	Conway	65632	7-12	366
C-08	Maries	Belle High	504 3 rd St	Belle	65013	9-12	230
C-09	Boone	Hallsville High	421 Highway 124 E	Hallsville	65255	9-12	407
C-10	Miller	Osage High	646 Hwy 42	Osage Beach	65065	9-12	646
C-11	Osage	Fatima High	143 E Main	Westphalia	65085	7-12	520
C-12	Moniteau	California High	1501 W Buchanan St	California	65018	9-12	425
C-13	Callaway	North Callaway High	2700 Thunderbird Dr	Kingdom City	65262	9-12	357
C-14	Pulaski	Laquey R-V High	27600 Highway AA	Laquey	65534	7-12	290
C-15	Morgan	Morgan Co. R-I High	701 N. Oak St	Stover	65078	7-12	328
C-16	Crawford	Steelville High	17154 Highway 19	Steelville	65565	9-12	302
C-17	Phelps	St. James High	101 E Scioto	St James	65559	9-12	619
C-18	Dent	Salem Sr. High	1400 Tiger Pride Dr	Salem	65560	9-12	555

	SL District	St. Louis Metro Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
SL-01	Jefferson	Hillsboro High	123 Leon Hall Pkwy	Hillsboro	63050	9-12	1,125
SL-02	Jefferson	Desoto Sr. High	815 Amvets Dr.	Desoto	63020	9-12	860
SL-03	Jefferson	Northwest High	6005 Cedar Hill Rd	Cedar Hill	63016	9-12	1,860
SL-04	St. Charles	Francis Howell Central High	5199 Hwy N	St Charles	63304	9-12	1,811
SL-05	St. Charles	Ft. Zumwalt South High	8050 Mexico Rd	St Peters	63376	9-12	1,373
SL-06	St. Louis	Oakville Sr. High	5557 Milburn Rd	St Louis	63129	9-12	1,686
SL-07	St. Charles	Ft. Zumwalt West High	1251 Turtle Creek Dr	O'Fallon	63366	9-12	1,906
SL-08	St. Charles	Ft. Zumwalt East High	600 1 st Executive Ave	St. Peters	63376	9-12	1,258
SL-09	St. Charles	Liberty High	2275 Sommers Rd	Lake St. Louis	63367	9-12	1,481
SL-10	St. Louis	Clayton High	#1 Mark Twain Circle	Clayton	63015	9-12	916
SL-11	St. Louis	Valley Park St. High	1 Main St	Valley Park	63088	9-12	263
SL-12	St. Louis City	Metro High	4015 McPherson Ave	St Louis	63108	9-12	373
SL--13	St. Louis	Summer High	4248 Cottage Ave	St Louis	63113	9-12	215
SL-14	St. Louis City	Roosevelt High	3230 Hartford St	St Louis	63118	9-12	433
SL-15	St. Louis	Riverview Gardens Sr. High	1218 Shepley Dr.	St Louis	63137	9-12	1,175
SL-16	St. Louis	Jennings Sr. High	8850 Cozens	Jennings	63136	9-12	703
SL-17	St. Louis	Lindbergh Sr. High	4900 S Lindbergh	St Louis	63126	9-12	2,205
SL-18	St. Louis	Bayless Sr. High	4532 Weber Rd	St Louis	63123	9-12	520
SL-19	St. Louis	Normandy High	6701 St. Charles Rock Rd.	St. Louis	63133	9-12	595
SL-20	St. Louis	Maplewood – Richmond Heights High	7539 Manchester Rd.	Maplewood	63143	9-12	393
SL-21	St. Louis	Ritenour Sr. High	9100 St Charles Rock Rd	St Louis	63114	9-12	1,836
SL-22	Jefferson	Jefferson High	7 Blue Jay Way	Festus	63028	9-12	319
SL-23	Franklin	Union High	1217 West Main	Union	63084	9-12	1,021
SL-24	Franklin	Sullivan Sr. High	1073 E Vine St	Sullivan	63080	9-12	708

	SW District	Southwest Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
SW-01	Jasper	Joplin High	2104 Indiana Ave	Joplin	64802	9-12	2,217
SW-02	Jasper	Webb City High	621 N Madison	Webb City	64870	9-12	1,300
SW-03	Bates	Adrian Sr High	601 N. Houston	Adrian	64720	6-12	382
SW-04	Newton	Neosho High	511 Neosho Blvd	Neosho	64850	9-12	1,374
SW-05	Jasper	Carthage Sr. High	2600 South River	Carthage	64836	9-12	1,517
SW-06	Barry	Purdy High	201 S. Gabby Gibbons Dr	Purdy	65734	7-12	289
SW-07	Barry	Southwest High	529 W Pineville Rd	Washburn	65772	9-12	236
SW-08	Barry	Cassville High	1501 Main St	Cassville	65625	9-12	567
SW-09	Barry	Monett High	1 David Sippy Dr	Monett	65708	9-12	763
SW-10	Christian	Clever High	6800 W. Hwy 14	Clever	65631	9-12	370
SW-11	Christian	Sparta High	850 State Hwy 14E	Sparta	65753	9-12	225
SW-12	Jasper	Jasper Co. Sr. High	201 W Mercer	Jasper	64755	7-12	250
SW-13	Jasper	Sarcoxie High	101 S 17 th St	Sarcoxie	64862	6-12	443
SW-14	Henry	Henry Co. Jr & Sr High	210 North St	Windsor	65360	7-12	332
SW-15	Greene	Glendale High	2727 S Ingram Mill	Springfield	65804	9-12	1,401
SW-16	Hickory	Skyline High	20663 US-65	Urbana	65767	9-12	206
SW-17	Greene	Central High	423 E Central	Springfield	65802	6-12	1,691
SW-18	Greene	Hillcrest High	3319 N Grant	Springfield	65803	9-12	1,048
SW-19	Lawrence	Miller High	110 W 6 th St	Miller	65707	7-12	277
SW-20	Newton	Diamond High	401 S Main	Diamond	64840	9-12	231
SW-21	St. Clair	Lakeland High	12530 Lakeland School Dr	Deepwater	64740	7-12	207
SW-22	Taney	Forsyth High	178 Panther St	Forsyth	65653	9-12	399
SW-23	Taney	Branson High	935 P Road 65	Branson	65616	9-12	1,442
SW-24	Taney	Hollister High	2112 State Highway BB	Hollister	65672	9-12	477
SW-25	Dallas	Buffalo High	500 W Main	Buffalo	65622	9-12	508
SW-26	Greene	Logan-Rogersville High	300 N Missouri Blvd	Rogersville	65742	9-12	709
SW-27	Benton	Warsaw High	20363 Lane of Champions	Warsaw	65355	9-12	359

	SE District	Southeast Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
SE-01	Butler	Poplar Bluff High	3209 Oak Grove Rd	Poplar Bluff	63901	9-12	1,487
SE-02	Butler	Neelyville High	289 Broadway St	Neelyville	63954	7-12	271
SE-03	Butler	Twin Rivers High	9261 Highway 51	Broseley	63932	9-12	266
SE-04	St. Francois	Farmington Sr. High	1 Black Knight Dr	Farmington	63640	9-12	1,224
SE-05	St. Francois	North Co. Sr. High	7151 Raider Rd	Bonne Terre	63628	9-12	877
SE-06	Perry	Perryville Sr. High	326 College St	Perryville	63775	9-12	727
SE-07	Scott	Sikeston Sr. High	200 Pine St	Sikeston	63801	9-12	992
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	715 Washington St	Ste Genevieve	63670	9-12	544
SE-09	Mississippi	Charleston High	606 S. Thorn St	Charleston	63864	9-12	260
SE-10	Mississippi	East Prairie St	308 E Walnut	East Prairie	63845	9-12	312
SE-11	Oregon	Alton High	505 School St	Alton	65606	6-2	322
SE-12	Ozark	Gainesville High	422 Bulldog Dr	Gainesville	65655	7-12	297
SE-13	Pemiscot	Hayti High	500 N 4 th St	Hayti	63851	7-12	228
SE-14	Dunklin	Malden High	505 W Burkhardt St	Malden	63863	6-12	377
SE-15	Bollinger	Woodland High	WHS RR5 Box 3210	Marble Hill	63764	9-12	236
SE-16	Stoddard	Bloomfield High	505Court St	Bloomfield	63825	9-12	207
SE-17	Stoddard	Bernie High	516 W Main	Bernie	63822	7-12	221
SE-18	Douglas	Ava High	507 NE 3 rd St	Ava	65608	9-12	449
SE-19	Carter	Van Buren High	202 W College	Van Buren	63965	7-12	241
SE-20	Texas	Summersville High	525 Rogers St	Summersville	65510	6-12	203
SE-21	Texas	Plato High	10645 Plato Dr	Plato	65552	6-12	289
SE-22	Texas	Licking High	313 S Main	Licking	65542	7-12	402
SE-23	Howell	Willow Springs High	407 N Ferguson	Willow Springs	65793	9-12	389
SE-24	Wright	Hartville High	175 S. School Ave	Hartville	65667	7-12	338
SE-25	Wright	Mansfield High	315 W Ohio St	Mansfield	65704	9-12	217

Attachment B

Survey Instruments

Youth (High School) Seat Belt Survey
Site Summary

Observer: _____

Date: _____ Time: Start _____ (AM) End _____ (AM)

MoDOT District:

- NW
- NE
- KC
- C
- SL
- SW
- SE

School:

- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
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- 12
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- 25
- 26
- 27
- 28
- 29
- 30

Day of the Week:

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday

Road Condition:

- Dry
- Wet
- Fog
- Other: _____

Observation Point (be specific): _____

Major Distraction: _____

District: 0 NW
 0 NE
 0 KC
 0 C
 0 SL
 0 SW
 0 SE

School: _____
 0 1 2 3 4 5 6 7 8 9
 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0

Observers: _____

Page: _____ of _____

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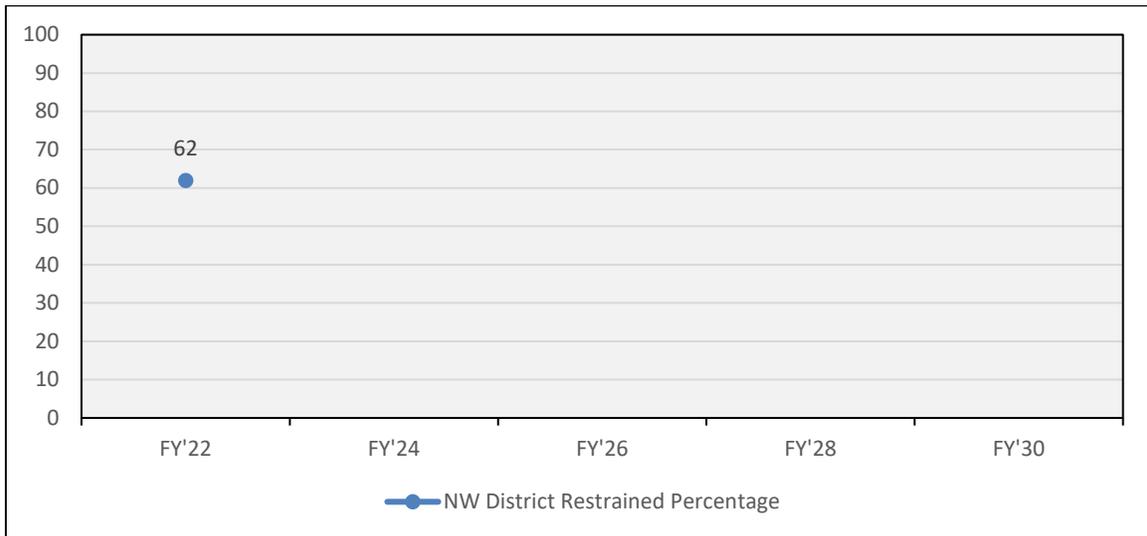
	Driver														Passenger													
	Vehicle Type				Driver		Belted		Gender		Race				Passenger			Belted		Gender		Race				Others		
	Car	Van	SUV	Truck	T	A	Yes	No	M	F	AA	H/L	A	u	T	A	C	Yes	No	M	F	AA	H/L	A	u	2	3	
L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Attachment C

Teenage Driver & Teenage Passenger Combined
Seat Belt Use by District by School

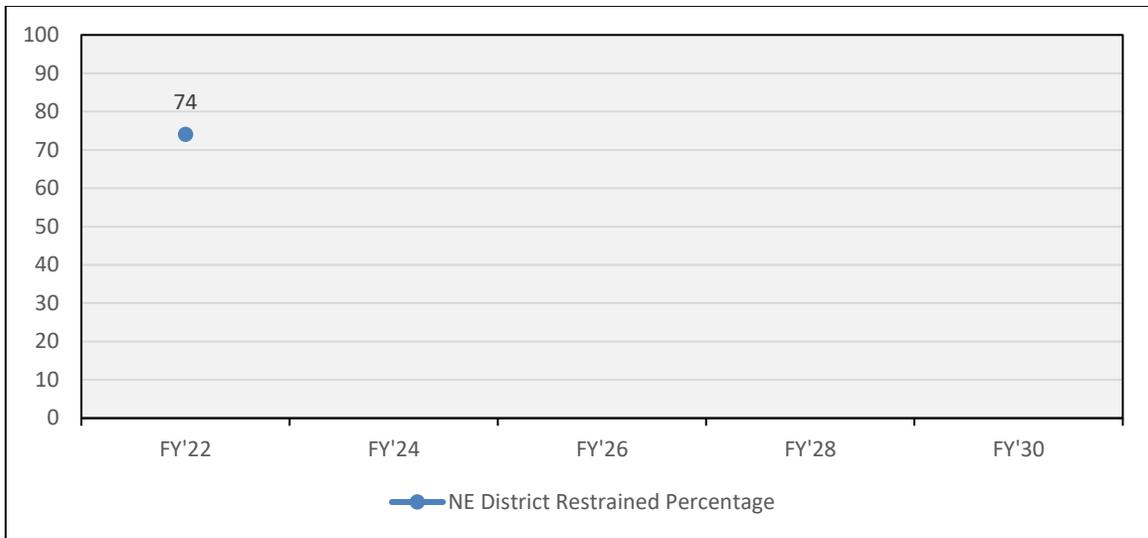
NW District High Schools
Teenage Drivers & Teenage Passengers Combined

Northwest District (NW)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 21)	% Restrained by Year						
			'22	'24	'26	'28	'30	'32	'34
NW-01	Buchanan	Central High	66%						
NW-02	Buchanan	Benton High	60%						
NW-03	Buchanan	Lafayette High	61%						
NW-04	Mercer	Princeton R-V Jr-Sr High	71%						
NW-05	Nodaway	Maryville High	69%						
NW-06	Clinton	Cameron High	56%						
NW-07	Harrison	South Harrison High	55%						
NW-08	Atchison	Rock Port	51%						
NW-09	Atchison	Tarkio	57%						
NW-10	Daviess	Gallatin High	42%						
NW-11	Clinton	Lathrop High	55%						
NW-12	Clinton	Plattsburg High	50%						
NW-13	Caldwell	Penney High	67%						
NW-14	Livingston	Chillicothe High	66%						
NW-15	Grundy	Trenton Sr. High	68%						
NW-16	Linn	Brookfield High	77%						
NW-17	Chariton	Salisbury High	49%						
NW-18	Sullivan	Milan High	83%						
NW-19	Carroll	Carrollton Senior High	47%						
NW-20	Linn	Marceline High	49%						
ALL			62%						



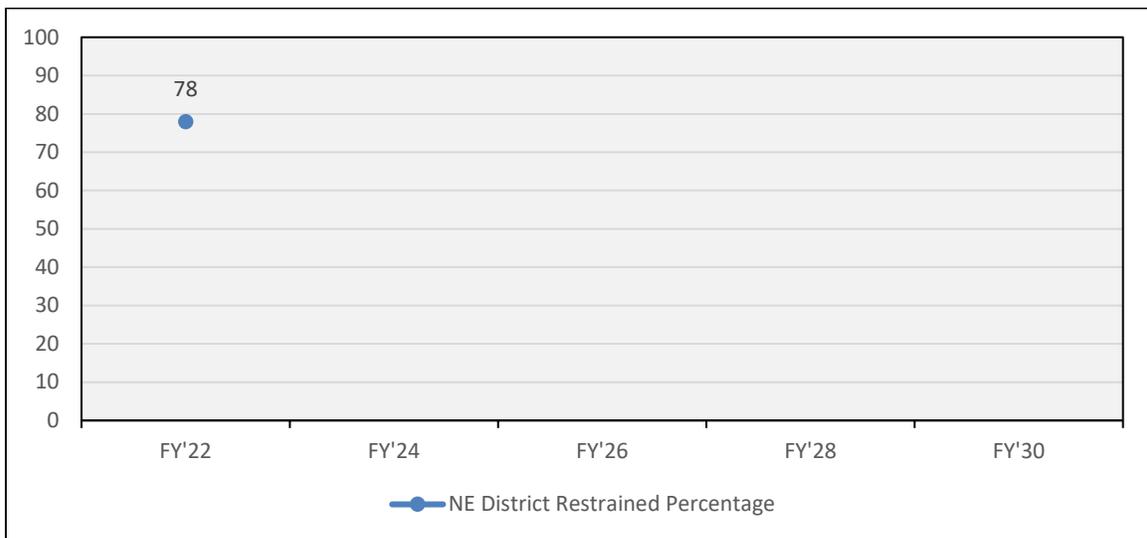
NE District High Schools
Teenage Drivers & Teenage Passengers Combined

Northeast District (NE)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 12)	% Restrained by Year						
			'22	'24	'26	'28	'30	'32	'34
NE-01	Lincoln	Elsberry High	68%						
NE-02	Lincoln	Silex High	80%						
NE-03	Warren	Warrenton High	70%						
NE-04	Warren	Wright City High	72%						
NE-05	Pike	Louisiana High	61%						
NE-06	Pike	Bowling Green High	66%						
NE-07	Lewis	Highland Jr.-Sr. High	85%						
NE-08	Marion	Palmyra High	76%						
NE-09	Clark	Clark Co. High	67%						
NE-10	Ralls	Mark Twain Sr. High	81%						
NE-11	Randolph	Moberly Sr. High	87%						
NE-12	Randolph	Northeast High	61%						
ALL			74%						



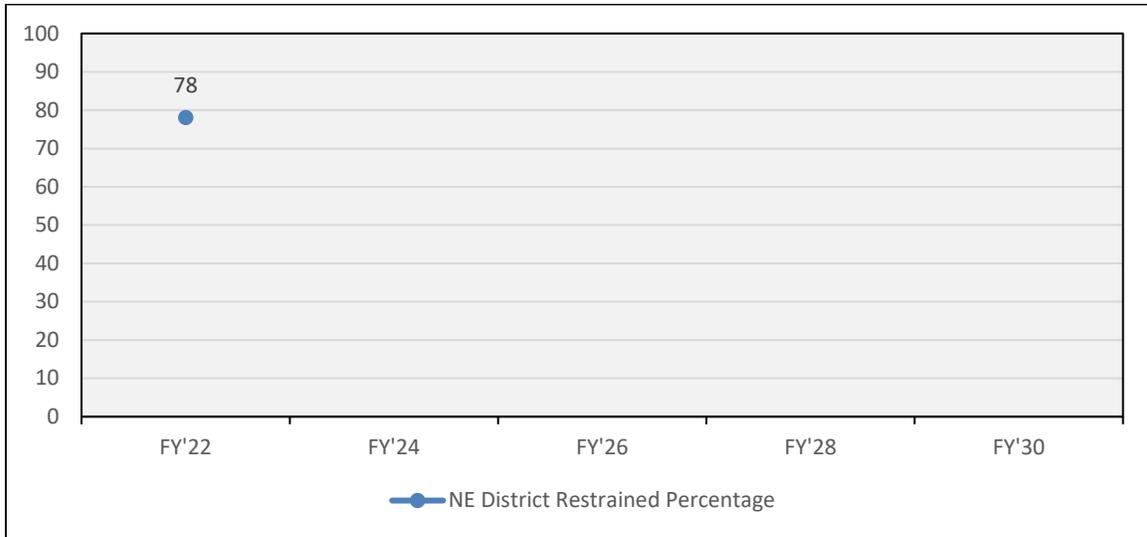
KC District High Schools
Teenage Drivers & Teenage Passengers Combined

Kansas City District (KC)			Teenage Drivers & Teenage Passengers						
Site #s	County	High School Name (Sites 01 - 24)	% Restrained by Year						
			'22	'24	'26	'28	'30	'32	'34
KC-01	Clay	Excelsior Springs High	77%						
KC-02	Clay	Staley High	87%						
KC-03	Clay	Kearney High	85%						
KC-04	Jackson	Truman High	90%						
KC-05	Jackson	Blue Springs High	81%						
KC-06	Jackson	Grain Valley High	87%						
KC-07	Jackson	Center Sr. High	85%						
KC-08	Jackson	William Chrisman High	76%						
KC-09	Jackson	University-Academy Upper	84%						
KC-10	Jackson	Lone Jack High	71%						
KC-11	Platte	Park Hill High	91%						
KC-12	Platte	West Platte High	84%						
KC-13	Jackson	Raytown South Sr. High	82%						
KC-14	Jackson	Central High School	75%						
KC-15	Cass	Belton High	58%						
KC-16	Jackson	Lee's Summit West High	90%						
KC-17	Jackson	East High School	85%						
KC-18	Lafayette	Odessa High	72%						
KC-19	Jackson	Ruskin High School	78%						
KC-20	Johnson	Warrensburg High	70%						
KC-21	Johnson	Holden High	74%						
KC-22	Johnson	Knob Noster High	68%						
KC-23	Cass	Archie High	82%						
KC-24	Pettis	Smithton High	59%						
		ALL	78%						



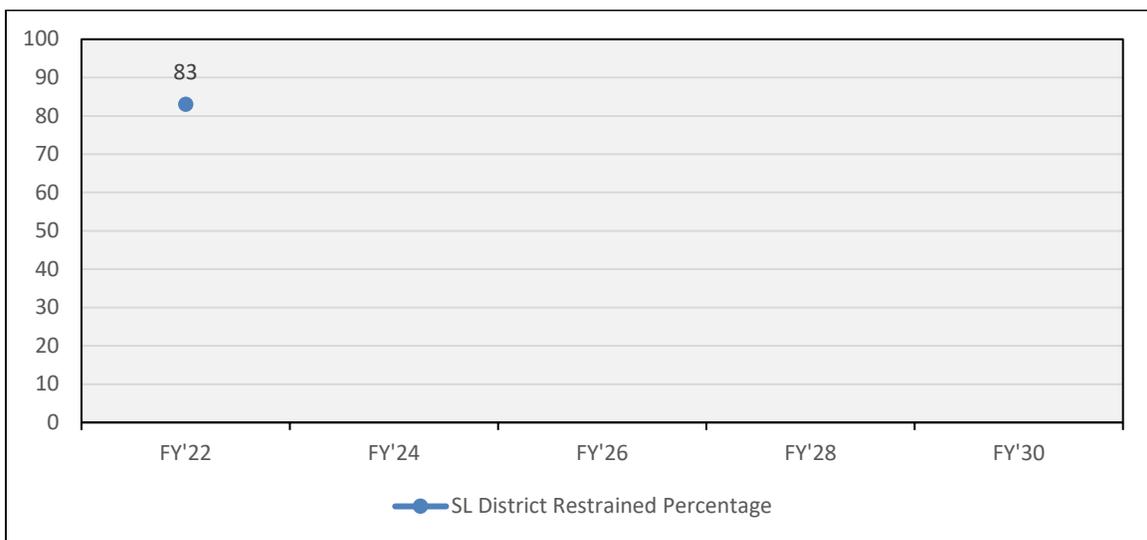
C District High Schools
Teenage Drivers & Teenage Passengers Combined

Central District (C)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 18)	% Restrained by Year						
			'22	'24	'26	'28	'30	'32	'34
C-01	Boone	David H. Hickman High	78%						
C-02	Cole	Jefferson City High	86%						
C-03	Camden	Stoutland High	38%						
C-04	Camden	Camdenton High	78%						
C-05	Cole	Capital City High School	83%						
C-06	Pulaski	Dixon High	82%						
C-07	Laclede	Conway High School	54%						
C-08	Maries	Belle High	57%						
C-09	Boone	Hallsville High	73%						
C-10	Miller	Osage High	77%						
C-11	Osage	Fatima High	79%						
C-12	Moniteau	California High	73%						
C-13	Callaway	North Callaway High	64%						
C-14	Pulaski	Laquey R-V High	75%						
C-15	Morgan	Morgan Co. R-I High	56%						
C-16	Crawford	Steelville	65%						
C-17	Phelps	St. James High	72%						
C-18	Dent	Salem Sr. High	62%						
ALL			73%						



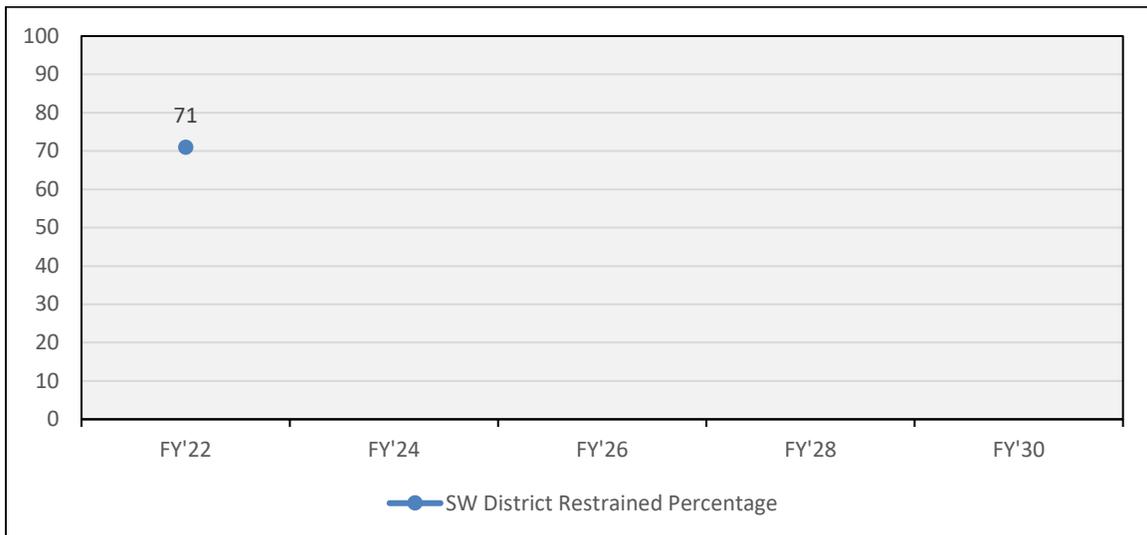
SL District High Schools
Teenage Drivers & Teenage Passengers Combined

St. Louis District (SL)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 24)	% Restrained by Year						
			'22	'24	'26	'28	'30	'32	'34
SL-01	Jefferson	Hillsboro High	82%						
SL-02	Jefferson	Desoto High	81%						
SL-03	Jefferson	Northwest High	84%						
SL-04	St. Charles	Francis Howell Central	87%						
SL-05	St. Charles	Ft. Zumwalt South High	85%						
SL-06	St. Louis	Oakville Sr. High	87%						
SL-07	St. Charles	Ft. Zumwalt West High	82%						
SL-08	St. Charles	Ft. Zumwalt East High	77%						
SL-09	St. Charles	Liberty High School	91%						
SL-10	St. Louis	Clayton High	97%						
SL-11	St. Louis	Valley Park Sr. High	80%						
SL-12	St. Louis City	Metro High	98%						
SL-13	St. Louis City	Sumner High	0%						
SL-14	St. Louis City	Roosevelt High	82%						
SL-15	St. Louis	Riverview Gardens Sr. High	59%						
SL-16	St. Louis	Jennings Senior High	61%						
SL-17	St. Louis	Lindbergh Sr. High	94%						
SL-18	St. Louis	Bayless Senior High	81%						
SL-19	St. Louis	Normandy High	69%						
SL-20	St. Louis	Maplewood-Richmond Heights High	90%						
SL-21	St. Louis	Ritenour Sr. High	54%						
SL-22	Jefferson	Jefferson High School	91%						
SL-23	Franklin	Union High	77%						
SL-24	Franklin	Sullivan Sr. High	71%						
ALL			83%						



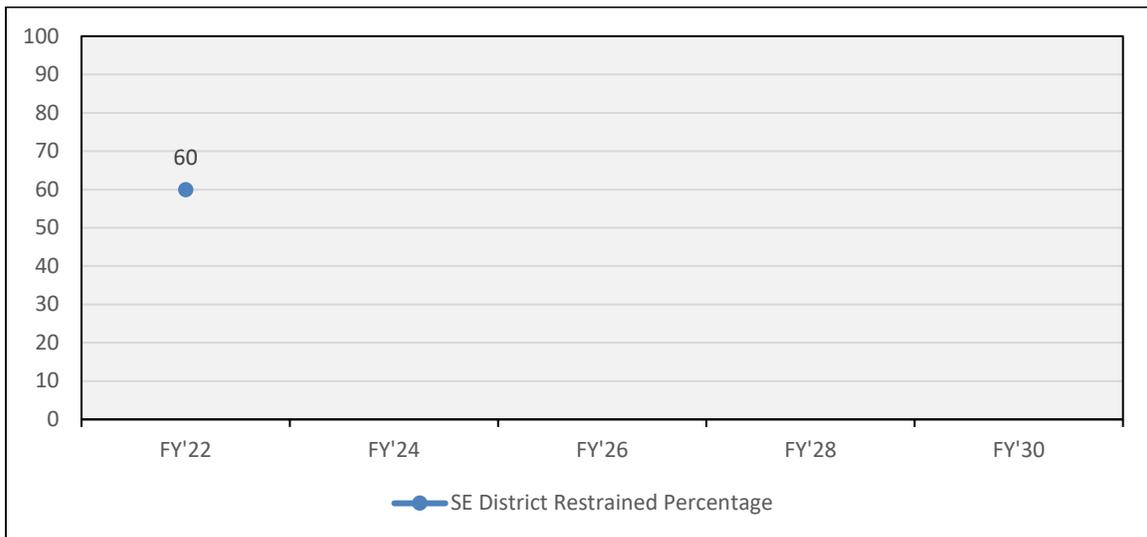
SW District High Schools
Teenage Drivers & Teenage Passengers Combined

Southwest District (SW)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 27)	% Restrained by Year						
			'22	'24	'26	'28	'30	'32	'34
SW-01	Jasper	Joplin High	91%						
SW-02	Jasper	Webb City High	87%						
SW-03	Bates	Adrian Sr. High	43%						
SW-04	Newton	Neosho High	83%						
SW-05	Jasper	Carthage High	92%						
SW-06	Barry	Purdy High	41%						
SW-07	Barry	Southwest High	76%						
SW-08	Barry	Cassville High	71%						
SW-09	Barry	Monett High	66%						
SW-10	Christian	Clever High	73%						
SW-11	Christian	Sparta High	58%						
SW-12	Jasper	Jasper Co. High School	57%						
SW-13	Jasper	Sarcoxi High	72%						
SW-14	Henry	Henry Co. Jr & Sr. High	57%						
SW-15	Greene	Glendale High	91%						
SW-16	Hickory	Skyline High	71%						
SW-17	Greene	Central High	77%						
SW-18	Greene	Hillcrest High	56%						
SW-19	Lawrence	Miller High	75%						
SW-20	Newton	Diamond High	67%						
SW-21	St. Clair	Lakeland High	61%						
SW-22	Taney	Forsyth High	56%						
SW-23	Taney	Branson High	79%						
SW-24	Taney	Hollister High	60%						
SW-25	Dallas	Buffalo High	55%						
SW-26	Greene	Logan-Rogersville High	67%						
SW-27	Benton	Warsaw High	76%						
ALL			71%						



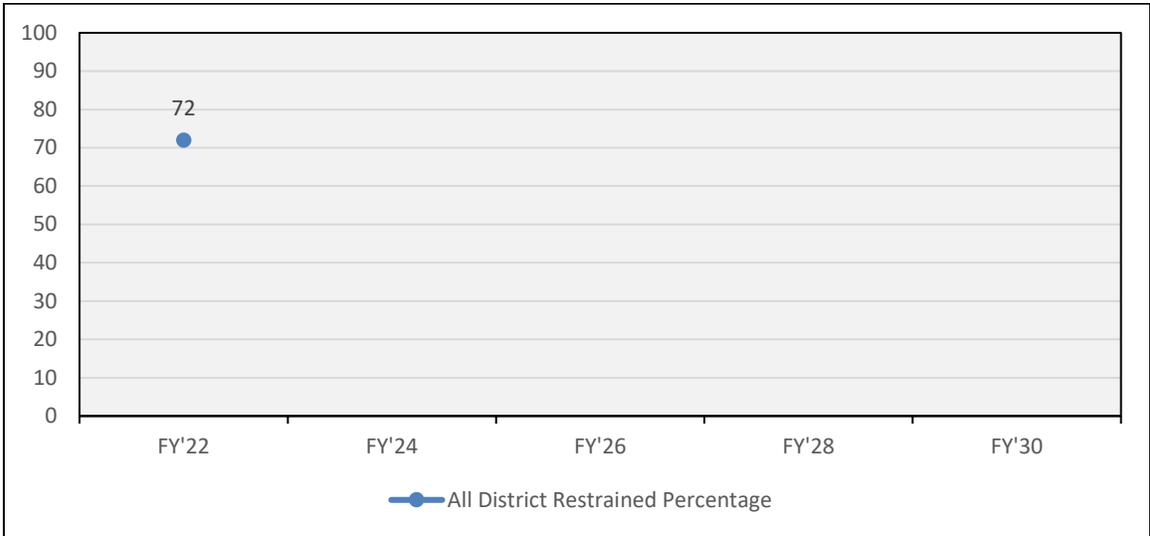
SE District High Schools
Teenage Drivers & Teenage Passengers Combined

Southeast District (SE)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01- 25)	% Restrained by Year						
			'22	'24	'26	'28	'30	'32	'34
SE-01	Butler	Poplar Bluff High	73%						
SE-02	Butler	Neelyville High	49%						
SE-03	Butler	Twin Rivers High	47%						
SE-04	St. Francois	Farmington Sr. High	86%						
SE-05	St. Francois	North Co. Sr. High	81%						
SE-06	Perry	Perryville Sr. High	66%						
SE-07	Scott	Sikeston Sr. High	58%						
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	67%						
SE-09	Mississippi	Charleston High	41%						
SE-10	Mississippi	East Prairie High	30%						
SE-11	Oregon	Alton High	53%						
SE-12	Ozark	Gainesville High	54%						
SE-13	Pemiscot	Hayti High	24%						
SE-14	Dunklin	Malden High	56%						
SE-15	Bollinger	Woodland High	63%						
SE-16	Stoddard	Bloomfield High	48%						
SE-17	Stoddard	Bernie High	48%						
SE-18	Douglas	Ava High	44%						
SE-19	Carter	Van Buren High	54%						
SE-20	Texas	Summersville High	44%						
SE-21	Texas	Plato High	38%						
SE-22	Texas	Licking High	56%						
SE-23	Howell	Willow Springs High	56%						
SE-24	Wright	Hartville High	65%						
SE-25	Wright	Mansfield High	45%						
ALL			60%						



		Teenage Drivers & Teenage Passengers						
		% Restrained by Year						
All Districts	All Schools	'22	'24	'26	'28	'30	'32	'34
		72%						

All District High Schools
 Teenage Drivers & Teenage Passengers Combined



Attachment D

Teenage Driver & Teenage Passenger Combined
60% or Less Seat Belt Use by School

2022 Schools 60% or Less Seat Belt Usage by School Teenage Drivers & Teenage Passenger Combined				
District	County	School	Address	Use Rate
NW-02	Buchanan	Benton High	5655 S 4th St	60%
NW-06	Clinton	Cameron High	1022 S Chestnut	56%
NW-07	Harrison	South Harrison High	3400 Bulldog Avenue	55%
NW-08	Atchison	Rock Port	600 S Nebraska St.	51%
NW-09	Atchison	Tarkio	312 S 11th St.	57%
NW-10	Daviess	Gallatin High	602 S Olive	42%
NW-11	Clinton	Lathrop High	102 N School Drive	55%
NW-12	Clinton	Plattsburg High	800 W Frost St.	50%
NW-17	Chariton	Salisbury High	1000 S Maple Avenue	49%
NW-19	Carroll	Carrollton Senior High	300 E 9th St.	47%
NW-20	Linn	Marceline High	314 E Santa Fe	49%
KC-15	Cass	Belton High	801 W. North Avenue	58%
KC-24	Pettis	Smithton High	505 S Myrtle	59%
C-03	Camden	Stoutland High	7584 State Road T	38%
C-07	Laclede	Conway High School	726 W Jefferson Avenue	54%
C-08	Maries	Belle High	504 3rd St.	57%
C-15	Morgan	Morgan Co. R-I High	701 N Oak St.	56%
SL-15	St. Louis	Riverview Gardens Sr. High	1218 Shepley Drive	59%
SL-21	St. Louis	Ritenour Sr. High	9100 St. Charles Rock Road	54%
SW-03	Bates	Adrian Sr. High	601 N Houston	43%
SW-06	Barry	Purdy High	511 Neosho Boulevard	41%
SW-11	Christian	Sparta High	8520 State Hwy. 14E	58%
SW-12	Jasper	Jasper Co. High School	201 W. Mercer	57%
SW-14	Henry	Henry Co. Jr. & Sr. High	210 North St.	57%
SW-18	Greene	Hillcrest High	3319 N. Grant	56%
SW-22	Taney	Forsyth High	178 Panther St.	56%
SW-24	Taney	Hollister High	2112 State Hwy. BB	60%
SE-02	Butler	Neelyville High	289 Broadway St.	49%
SE-03	Butler	Twin Rivers High	9261 Hwy. 51	47%
SE-07	Scott	Sikeston Sr. High	200 Pine St.	58%
SE-09	Mississippi	Charleston High	606 S. Thorn St.	41%
SE-10	Mississippi	East Prairie High	308 E. Walnut	30%
SE-11	Oregon	Alton High	505 School St.	53%
SE-12	Ozark	Gainesville High	422 Bulldog Dr.	54%
SE-13	Pemiscot	Hayti High	500 N. 4 th St.	24%
SE-14	Dunklin	Malden High	505 W/ Burkhart St.	56%
SE-16	Stoddard	Bloomfield High	505 Court St.	48%
SE-17	Stoddard	Bernie High	516 W. Main	48%
SE-18	Douglas	Ava High	507 NE 3 rd St.	44%
SE-19	Carter	Van Buren High	202 W. College	54%
SE-20	Texas	Summersville High	525 Rogers St.	44%
SE-21	Texas	Plato High	10645 Plato St.	38%
SE-22	Texas	Licking High	313 S. Main St.	56%
SE-23	Howell	Willow Springs	407 N. Ferguson St.	56%
SE-25	Wright	Mansfield	315 W. Ohio St.	45%