

2020

Missouri Teen (HS) Safety Belt Survey

Final Report

Submitted By: Missouri Safety Center, January 2021

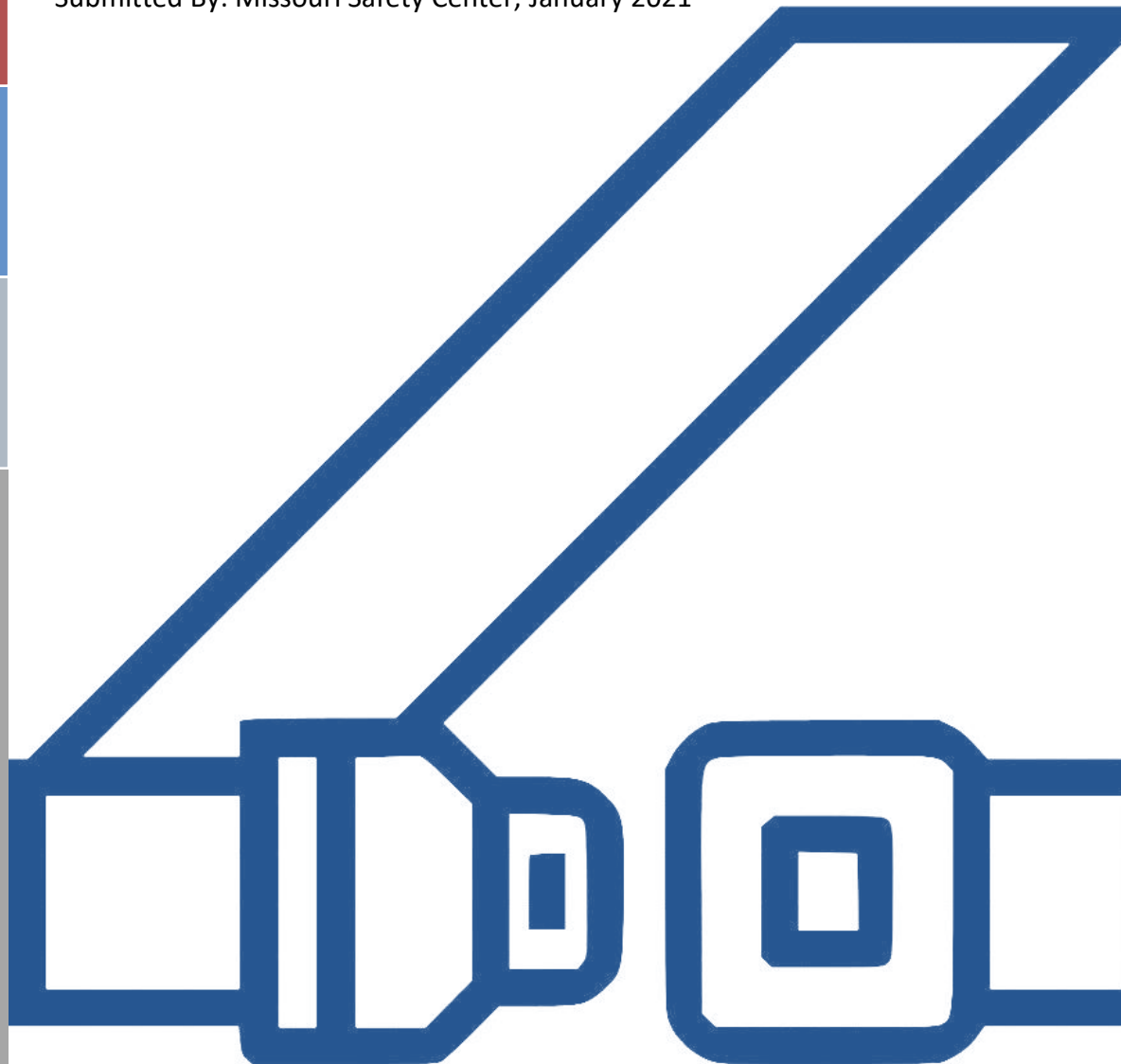


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***COVID-19 Exception**

Every Teen survey from 2004 through 2018 was conducted as a replication of the former year and each took place during the month of April. The 2020 survey was to be a continuation of this method until COVID-19 occurred. Missouri Public schools started closing in March and by April all public schools were closed by announcement of the Governor. The Teen survey was rescheduled at this time to take place during October of 2020.

Over the history of the survey the same 150 high schools have been observed, but as a result of COVID-19, it was identified that of these 150 schools, 22 schools were being held virtually (on-line only), 36 schools were holding hybrid classes (students are split into two groups, with each group alternating days of attendance along with on-line classes), and 92 of the schools were holding classes as normal. For this survey, there were no students to observe at the 22 virtual schools and approximately half of the students at the hybrid schools; this is a major factor in the overall amount of observations. Attachment E is a list of the schools which were either Hybrid or Virtual by MoDOT district.

Executive Summary

A Teen (High School) Safety Belt Observational Survey was conducted in the State of Missouri from October 1 through October 30, 2020. The effort was funded by the Highway Safety & Traffic Division of MoDOT in cooperation with the Missouri Safety Center.

A total of 23,888 observations were collected at 128 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 10,171 teenage and 7,450 adult drivers observed with 16 driver classifications unknown. In addition, 6,251 front seat outboard passengers were identified of which 5,846 were teenagers, 175 adults and 405 children.

The following is a list of the major findings:

- The 2020 safety belt use for all teenage drivers and teenage front seat outboard passengers combined was 75.5 percent, this is a 1.7 percent increase when compared to the survey finding of 73.8% in 2018.
- There were 10,171 teenage drivers observed of which 7,567 or 74.4 percent were using safety belts. This is a 0.3 percent increase over the 74.1 percent using safety belts in 2018. This number is still well below the 2020 statewide safety belt use rate of 86.1 percent.
- Female teenage driver's safety belt use was 14.0 percent higher than male teenage drivers at 81.2 and 67.2 percent, respectively. Safety belt use among teenage male drivers decreased by 2.1 percent when compared to the 2018 survey results (69.3%). Safety belt use among teenage female drivers increased by 2.3 percent when compared to the 2018 survey results (78.9%)
- Of all the drivers observed 7,785 (44.2%) were male and 9,813 (55.6%) were female with 39 of unknown gender. Female and male teenage drivers were equally observed with slightly more females observed than males (51.6% to 48.2% with 0.2% unknown)
- Of the passengers observed 3,017 (48.3%) were male and 3,227 (51.6%) were female with 7 of unknown gender.

- In the 2020 Teen survey safety belt use for both adult drivers (74.2%) and teenage drivers (74.4%) increased when compared to the 2018 survey results by 1.2 and 0.3 percent, respectively. (2018 data adult drivers 73.0% / teenage drivers 74.1%)
- Safety belt use for the front seat outboard teenage passengers was 78.7 percent when riding with an adult driver. The adult driver's safety belt use in this situation was 74.9 percent.
- When a teenage driver had an adult front seat outboard passenger, safety belt use for the teenage driver was 92.5 percent, while the adult passengers' usage was only 85.0 percent.
- When there was a teenage driver with a teenage front seat outboard passenger safety belt use was higher for the driver. The teenage driver's safety belt use was 76.6 and the teenage passenger was 75.9 percent. This is an increase of 2.1 percent for teenage drivers and 4.6 for teenage passengers, when compared to the 2018 survey results. (2018 data Teenage driver 74.5% / Teenage passenger 71.7%)
- Of the male teenage drivers, 70.1 percent wore safety belts when there was a teenage front seat outboard passenger in the vehicle. The teenage passenger's safety belt use was slightly higher at 71.0 percent.
- When the teenage driver was female and there was a teenage front seat outboard passenger, the driver's safety belt use was 82.7 percent and the passengers was lower at 80.4 percent. The female driver's safety belt use was 12.6 percent higher than male teenage drivers under these circumstances.
- Teenage drivers of vans were most often belted at 84.6 percent. Only 57.9 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 95.0 percent of the drivers and 93.6 percent of the passengers; Asian was the least observed with 0.5 percent for drivers and 0.4 percent for passengers; however, the Asian drivers had the highest safety belt use at 91.8 percent. African American drivers had the lowest use rate at 68.4 percent.
- In 2020, five of the seven MoDOT Districts had an increase in the safety belt use rate when teenage drivers and front seat outboard passengers were combined.
- The MoDOT Districts of SW (84.4%), and SL (84.6%), had the highest safety belt use when the teenage drivers and teenage outboard front seat occupants were combined. In contrast, the MoDOT Districts of NW (62.7%) and SE (69.4%), had the lowest observed safety belt use among this group.
- Teen and adult female drivers had the highest safety belt use at 81.2 and 79.3 percent, respectively. As with the drivers, teen and adult female passengers had the highest safety belt use at 81.7 and 74.0 percent, respectively. Safety belt use for teenage male drivers was higher than adult male drivers at 67.2 and 66.2 percent, respectively.

Introduction

The Missouri Safety Center was requested by the Highway Safety & Traffic Division of the Missouri Department of Transportation to conduct a High School Safety Belt Observational Survey. In preparation for the 2004 survey, several meetings were held to outline the survey parameters, guiding principles, and sampling procedures. The 2020 survey was conducted under the same parameters, guiding principles, and procedures as the 2004 survey.

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 safety belt use observations would be made.
- The safety 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. Data were collected in 2020, from October 1st through October 30th.

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.

Since most of the observational surveyors were identified and trained in 2004, sessions for 2020 were conducted on an as-needed basis, and due to COVID training was done via email/pdf documents, zoom or phone, no face-to-face training took place.

One hundred percent of the observations were collected in the AM time period. Observations were conducted Monday through Friday with 19.5 percent on Monday, 20.1 percent on Tuesday, 15.8 percent on Wednesday, 23.4 percent on Thursday and 21.2 percent on Friday. (Ninety-two percent of the observations were obtained in dry weather, 6 percent of the observations being obtained in wet weather, and 2 percent of the observations occurred during fog.)

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 85 counties: 74 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)	21	15
Northeast (NE)	13	11
Kansas City (KC)	22	7
Central (C)	19	15
St. Louis (SL)	21	4
Southwest (SW)	29	15
Southeast (SE)	25	18
TOTAL	150 Schools	85 Counties

The number of total observations and the percent of the total sample by MoDOT District are presented in Table 2. The Southwest District had the largest percent of the total observations, 4,834 or 20.2 percent, while the St. Louis District had the fewest, 1,449 or 6.1 percent.

Table 2
Frequency and Percent of Observations
by MoDOT District

MoDOT District	Frequency	Percent
Northwest (NW)	3,822	16.0
Northeast (NE)	2,312	9.7
Kansas City (KC)	2,594	10.8
Central (C)	4,127	17.3
St. Louis (SL)	1,449	6.1
Southwest (SW)	4,834	20.2
Southeast (SE)	4,750	19.9
TOTAL	23,888	100 percent

Table 3 lists the number and types of vehicles observed during the survey. The car was the most frequent vehicle observed (40.3%), whereas the van was the least likely (6.2%).

Table 3
Frequency of Observations by Vehicle Type

Vehicle Type	Frequency	Percent
Car	7,115	40.3
SUV	5,994	34.0
Truck	3,437	19.5
Van	1,091	6.2
TOTAL	17,637	100 percent

Of the drivers observed, 57.7 percent were teenagers. The majority of the passengers were also teenagers, 93.5 percent. Table 4 depicts these data.

Table 4
**Frequency of Drivers and Passengers
by Classification**

Classification	Driver		Passenger	
	Frequency	Percent	Frequency	Percent
Teenager	10,171	57.7	5,846	93.5
Adult	7,450	42.3	175	2.8
Child	NA	NA	230	3.7
TOTAL	17,621	100	6,251	100

Frequency Driver missing 16

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 7,785 (44.2%) were male and 9,813 (55.6%) were female with 39 of unknown gender.

Table 5
Frequency of Drivers
by Gender and Classification

Drivers	Male		Female		Unknown	
	Frequency	Percent	Frequency	Percent	Frequency	Percent
Teenager	4,901	48.2	5,247	51.6	23	0.2
Adult	2,873	38.6	4,561	61.2	16	0.2
Unknown	11	68.8	5	31.2	0	0
TOTAL	7,785	44.2	9,813	55.6	39	0.2

Table 6 reflects the frequency of passengers by gender and classification. Of the passengers observed 3,017 (48.3%) were male and 3,227 (51.6%) were female with 7 of unknown gender.

Table 6
Frequency of Passengers
by Gender and Classification

Passenger	Male		Female		Unknown	
	Frequency	Percent	Frequency	Percent	Frequency	Percent
Teenager	2,781	47.6	3,058	52.3	7	0.1
Adult	75	42.9	100	57.1	0	0
Child	161	70.0	69	30.0	0	0
TOTAL	3,017	48.3	3,227	51.6	7	0.1

Figure 1 shows the percent of teenage/adult drivers and teenage/adult/child passengers by gender. There were more female drivers (9,813) and passengers (3,227) observed than male drivers (7,785) and passengers (3,017).

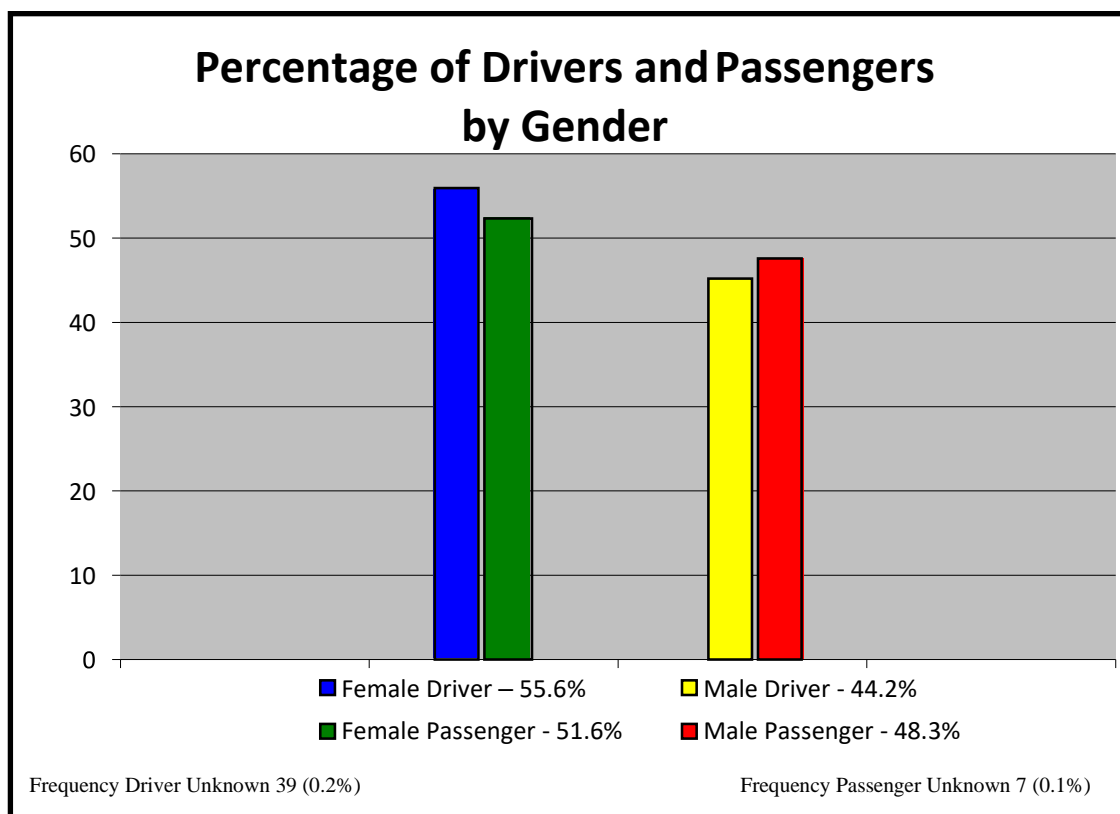


Figure 1-Percentage of Drivers and Passengers by Gender

Of the drivers (adults and teenagers) and passengers (adults, teenagers, and children) observed, White was the most frequent race with 95.0 percent of the drivers and 93.6 percent of the passengers. Asian was the least frequently observed with 0.5 for drivers and 0.4 for passengers. Table 7 presents these data.

Table 7
Frequency of Drivers and Passengers by Race

Race	Driver		Passenger	
	Frequency	Percent	Frequency	Percent
Asian	85	0.5	27	0.4
African American	468	2.7	208	3.3
Hispanic/Latino	280	1.6	155	2.5
White	16,763	95.0	5,851	93.6
Other	41	0.2	10	0.2
TOTAL	17,637	100	6,251	100

Table 8 depicts the adult and teenage driver's safety belt use by race. Asian drivers had the highest safety belt use at 91.8 percent. African American drivers had the lowest use at 68.4 percent.

Table 8
Adult and Teenage Drivers
Safety Belt Use by Race

RACE	Restrained		Non-Restrained	
	Freq	%	Freq	%
Asian	78	91.8	7	8.2
African American	320	68.4	148	31.6
Hispanic/Latino	230	82.1	50	17.9
White	12,446	74.3	4,317	25.7
Unknown	34	82.9	7	17.1
TOTAL	13,108	74.3	4,529	25.7

Safety belt use for both drivers and passengers was low at 74.3 and 77.1 percent, respectively. Data in Table 9 include all adult and teenage drivers and adult, teenage, and child front seat outboard passengers.

Table 9
Frequency of Drivers and Passengers
Safety Belt Use

Safety Belt Status	Driver		Passenger	
	Frequency	Percent	Frequency	Percent
Belted	13,108	74.3	4,822	77.1
Not Belted	4,529	25.7	1,429	22.9
TOTAL	17,637	100	6,251	100

Of the 17,637 vehicles observed, there were 568 vehicles with one additional passenger, 136 with two additional passengers, and 12 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 safety belt use of all drivers by MoDOT District. The SL District observed the highest driver safety belt usage at 84.4 percent, whereas the NW District had the lowest observed driver safety belt usage at 63.6 percent.

Table 10
Driver Safety Belt Use
by MoDOT District

MoDOT	Drivers Restrained		Drivers Non-Restrained	
	Frequency	Percent	Frequency	Percent
NW	1,774	63.6	1,014	36.4
NE	1,271	75.9	404	24.1
KC	1,780	81.5	404	18.5
C	2,201	72.2	848	27.8
SL	948	84.4	175	15.6
SW	2,830	83.5	560	16.5
SE	2,304	67.2	1,124	32.8
TOTAL	13,108	74.3	4,529	25.7

Displayed in Table 11 is the safety belt use of all passengers by MoDOT District. Passengers within the KC District had the highest observed safety belt usage at 91.0 percent. The lowest safety belt usage was observed within the NW District at 63.1 percent.

Table 11
Passenger Safety Belt Use
by MoDOT District

MoDOT	Passengers Restrained		Passengers Non-Restrained	
	Frequency	Percent	Frequency	Percent
NW	652	63.1	382	36.9
NE	479	75.2	158	24.8
KC	373	91.0	37	9.0
C	807	74.9	271	25.1
SL	283	86.8	43	13.2
SW	1,239	85.8	205	14.2
SE	989	74.8	333	25.2
TOTAL	4,822	77.1	1,429	22.9

Displayed in Tables 12 and 13 is the safety belt usage by adult drivers and teenage drivers by MoDOT District. Adult and teenage drivers had similar seat belt usage at 74.2 and 74.4 percent, respectively. The SL District had the highest increase in adult driver safety belt usage from 2018 to 2020 at 9.6 percent whereas, the SE District had the highest increase in teenage driver safety belt usage at 5.6 percent.

Table 12
Adult Driver Safety Belt Use
by MoDOT District

MoDOT	2020 Restrained		% of Change	% of Change	% of Change	% of Change	% of Change	% of Change	2020 Non-Restrained	
	Freq	%	12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20	Freq	%
NW	1,102	64.6	-0.5	-3.3	2.6	1.4	1.5	-0.4	604	35.4
NE	411	74.6	-3.4	-1.2	3.7	0.7	-2.6	9.0	140	25.4
KC	563	83.0	1.5	5.2	5.0	-10.1	-0.5	6.5	115	17.0
C	865	72.7	-2.9	-3.0	0.5	-0.4	5.8	-3.2	325	27.3
SL	330	85.5	0.9	-1.1	1.0	0.3	1.2	9.6	56	14.5
SW	1,282	83.9	-6.9	-4.3	-0.1	-0.1	1.4	2.7	246	16.1
SE	976	69.2	1.1	2.5	-1.2	1.9	2.0	8.6	435	30.8
TOTAL	5,529	74.2	0.1	-2.1	1.8	0.1	2.0	1.2	1,921	25.8

Table 13
Teenage Driver Safety Belt Use
By MoDOT District

MoDOT	2020 Restrained		% of Change	% of Change	% of Change	% of Change	% of Change	% of Change	2020 Non-Restrained	
	Freq	%	12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20	Freq	%
NW	672	62.1	1.0	1.0	1.9	0.6	1.7	-2.4	410	37.9
NE	860	76.6	-1.0	-0.6	4.3	3.9	4.1	5.0	263	23.4
KC	1,215	80.8	-2.0	4.1	5.2	-9.5	-1.3	4.6	289	19.2
C	1,336	71.9	-2.0	0.8	4.0	-2.2	4.4	-3.6	522	28.1
SL	615	83.8	3.0	0.9	0.8	0.4	-0.8	4.3	119	16.2
SW	1,541	83.2	-3.0	1.2	-2	3.5	6.8	0.8	312	16.8
SE	1,328	65.8	-20.0	0.3	3.5	3.8	3.0	5.6	689	34.2
TOTAL	7,567	74.4	-2	1.4	1.5	0.7	2.9	0.3	2,604	25.6

Table 14 shows driver safety belt use by vehicle type by MoDOT District. Drivers of vans had an overall high of 83.5 percent safety belt use, while those drivers observed driving trucks had the overall lowest belt use at 58.0 percent.

Table 14
Adult and Teenage Driver Safety 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	630	65.4	333	34.6	751	70.3	318	29.7	258	44.7	319	55.3	135	75.4	44	24.6
NE	580	78.7	157	21.3	441	80.0	110	20.0	185	59.9	124	40.1	65	83.3	13	16.7
KC	776	81.9	181	18.9	679	85.4	116	14.6	200	69.4	88	30.6	125	86.8	19	13.2
C	891	74.8	301	25.2	813	78.5	223	21.5	357	54.4	299	45.6	140	84.9	25	15.1
SL	440	82.2	95	17.8	331	88.0	45	12.0	99	78.0	28	22.0	78	91.8	7	8.2
SW	1,231	85.2	214	14.8	959	87.5	137	12.5	458	70.6	191	29.4	182	91.0	18	9.0
SE	923	71.8	363	28.2	760	71.0	311	29.0	435	52.4	396	47.6	186	77.5	54	22.5
TOTAL	5,471	76.9	1,644	23.1	4,734	79.0	1,260	21.0	1,992	58.0	1,445	42.0	911	83.5	180	16.5

Eighty-three percent of the adult drivers in vans were restrained, whereas only 58.0 percent of the adult drivers were restrained in trucks. Table 15 shows adult driver safety belt use by vehicle type by MoDOT District.

Table 15
Adult Driver Safety 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	272	65.1	146	34.9	554	71.0	226	29.0	149	44.0	190	56.0	127	75.2	42	24.8
NE	105	75.0	35	25.0	184	78.0	52	22.0	71	62.3	43	37.7	51	83.6	10	16.4
KC	136	80.9	32	19.1	249	86.5	39	13.5	86	71.7	34	28.3	92	90.2	10	9.8
C	210	75.0	70	25.0	408	78.3	113	21.7	138	53.3	121	46.7	109	83.9	21	16.1
SL	87	81.3	20	18.7	150	87.7	21	12.3	29	74.4	10	25.6	64	92.8	5	7.2
SW	367	83.6	72	16.4	572	87.6	81	12.4	201	71.8	79	28.2	142	91.0	14	9.0
SE	228	71.5	91	28.5	401	72.9	149	27.1	187	56.0	147	44.0	160	76.9	48	23.1
TOTAL	1,405	75.1	466	24.9	2,518	78.7	681	21.3	861	58.0	624	42.0	745	83.2	150	16.8

Table 16 shows the teenage driver safety 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, safety belt use for teenage drivers by vehicle type was 77.5 percent in Cars, 79.3 percent in Sport Utility Vehicles, 57.9 percent in Trucks and 84.6 percent in Vans.

Table 16
Teenage Driver Safety 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	358	65.7	187	34.3	197	68.2	92	31.8	109	45.8	129	54.2	8	80.0	2	20.0
NE	475	79.6	122	20.4	257	81.6	58	18.4	114	58.8	80	41.2	14	82.4	3	17.6
KC	638	81.1	149	18.9	430	84.8	77	15.2	114	67.9	54	32.1	33	78.6	9	21.4
C	681	74.7	231	25.3	405	78.8	109	21.2	219	55.2	178	44.8	31	88.6	4	11.4
SL	351	82.4	75	17.6	181	88.3	24	11.7	69	79.3	18	20.7	14	87.5	2	12.5
SW	864	85.9	142	14.1	385	87.3	56	12.7	253	69.7	110	30.3	39	90.7	4	9.3
SE	695	71.9	272	28.1	359	68.9	162	31.9	248	49.9	249	50.1	26	81.3	6	18.7
TOTAL	4,062	77.5	1,178	22.5	2,214	79.3	578	20.7	1,126	57.9	818	42.1	165	84.6	30	15.4

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 safety belt use at 81.2 and 79.3 percent, respectively. Safety belt use for teenage male drivers was higher than adult male drivers by 1.0 percent.

Table 17
Driver Safety 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	3,294	67.2	1,607	32.8	1,903	66.2	970	33.8	7	63.6	4	36.4
Female	4,260	81.2	987	18.8	3,617	79.3	944	20.7	5	100.0	0	0.0
Unknown	13	56.5	10	43.5	9	56.3	7	43.7	0	0.0	0	0.0
TOTAL	7,567	74.4	2,604	25.6	5,529	74.2	1,921	25.8	12	75.0	4	25.0

Seat belt usage of passengers by classification and gender is reflected in Table 18. Teen and adult female passengers also had the highest safety belt use at 81.7 and 74.0 percent, respectively. Safety belt use for teenage male passengers was higher than adult male passengers by 1.0 percent.

Table 18
Passenger Safety 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	2,029	73.0	752	27.0	54	72.0	21	28.0	111	68.9	50	31.1
Female	2,497	81.7	561	18.3	74	74.0	26	26.0	53	76.8	16	23.2
Unknown	4	57.1	3	42.9	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	4,530	77.5	1,316	22.5	128	73.1	47	26.9	164	71.3	66	28.7

Overall, female teenage drivers were belted more frequently at 81.2 percent than male drivers at only 67.2 percent. Male teenage driver seat belt usage ranges from a high of 81.1 percent in the SL District to a low of 53.8 percent in the NW District. Female driver seat belt use ranges from a high of 88.5 percent in the SW District to a low of 71.3 percent in the NW District. Table 19 presents the teenage driver safety belt use by gender by MoDOT District.

Table 19
Teenage Driver Safety Belt Use
by Gender by MoDOT District

MoDOT	Male				Female			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq	%	Freq	%	Freq	%	Freq	%
NW	295	53.8	253	46.2	377	71.3	152	28.7
NE	358	67.8	170	32.2	502	84.5	92	15.5
KC	528	75.4	172	24.6	683	85.6	115	14.4
C	564	63.2	328	36.8	770	80.0	194	20.0
SL	296	81.1	69	18.9	318	86.7	49	13.3
SW	707	77.6	204	22.4	831	88.5	108	11.5
SE	546	57.1	411	42.9	779	73.8	277	26.2
TOTAL	3,294	67.2	1,607	32.8	4,260	81.2	987	18.8

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

When an adult driver had a front seat outboard teenage passenger, overall safety belt use by the teenage passenger was higher than the adult's safety belt use rate, 78.7 and 74.9 percent, respectively. Table 20 depicts these findings.

Table 20
Adult Driver Safety Belt Use
and Teenage Passenger Safety Belt Use
by MoDOT District

MoDOT	Adult Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq	%	Freq	%	Freq	%	Freq	%
NW	373	64.3	207	35.7	370	63.8	210	36.2
NE	192	72.2	74	27.8	200	75.2	66	24.8
KC	122	92.4	10	7.6	123	93.2	9	6.8
C	367	75.8	117	24.2	384	79.3	100	20.7
SL	86	79.6	22	20.4	92	85.2	16	14.8
SW	772	85.4	132	14.6	784	86.7	120	13.3
SE	566	67.9	268	32.1	649	77.8	185	22.2
TOTAL	2,478	74.9	830	25.1	2,602	78.7	706	21.3

In those cases where a teenage driver had an adult front seat outboard passenger, the overall safety belt use was 92.5 percent for the teenage driver and 85.0 for the adult passenger. In three of the seven districts (NW, C, SW), the adult passenger safety belt use was lower than the teenage drivers rate. Table 21 shows these data.

Table 21
Teenage Driver Safety Belt Use
and Adult Passenger Safety Belt Use
by MoDOT District

MoDOT	Adult Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq	%	Freq	%	Freq	%	Freq	%
NW	3	75.0	1	25.0	2	50.0	2	50.0
NE	2	100.0	0	0.0	2	100.0	0	0.0
KC	4	100.0	0	0.0	4	100.0	0	0.0
C	13	92.9	1	7.1	12	85.7	2	14.3
SL	0	0.0	0	0.0	0	0.0	0	0.0
SW	8	100.0	0	0.0	7	87.5	1	12.5
SE	7	87.5	1	12.5	7	87.5	1	12.5
TOTAL	37	92.5	3	7.5	34	85.0	6	15.0

With an adult driver/teenage passenger or teenage driver/adult passenger the teenager safety belt use rate was 78.7 and 92.5 percent, respectively. When there is a teenage driver and teenage front seat outboard passenger, the use rate is 76.6 percent for the driver and 75.9 percent for the passenger. The teenage driver and teenage passenger safety belt use by MoDOT District is displayed in Table 22.

Table 22
Teenage Driver Safety Belt Use
and Teenage Passenger Safety Belt Use by MoDOT District

MoDOT	Teenage Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq	%	Freq	%	Freq	%	Freq	%
NW	187	61.7	116	38.3	189	62.4	114	37.6
NE	275	78.8	74	21.2	261	74.8	88	25.2
KC	219	86.9	33	13.1	225	89.3	27	10.7
C	372	75.2	123	24.8	346	69.9	149	30.1
SL	180	86.1	29	13.9	182	87.1	27	12.9
SW	434	84.1	82	15.9	436	84.5	80	15.5
SE	274	66.8	136	33.2	285	69.5	125	30.5
TOTAL	1,941	76.6	593	23.4	1,924	75.9	610	24.1

When the driver was a female teenager, the teenage passenger was restrained at 80.4 percent, whereas the teenage passenger with a male teenage driver were only restrained at 68.6 percent. The safety belt use is 8.1 percent lower for the driver when the driver is a teenage male (70.3%) as compared to a teenage female (78.4%) when there is a teenage front seat outboard passenger in the vehicle. The safety 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 Safety Belt Use
and Teenage Passenger Safety Belt Use by MoDOT District

MoDOT	Female Teenage Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq	%	Freq	%	Freq	%	Freq	%
NW	114	73.1	42	26.9	109	69.9	47	30.1
NE	159	83.3	32	16.7	152	79.6	39	20.4
KC	121	88.3	16	11.7	125	91.2	12	8.8
C	211	83.7	41	16.3	187	74.2	65	25.8
SL	97	89.8	11	10.2	99	91.7	9	8.3
SW	227	89.0	28	11.0	221	86.7	34	13.3
SE	161	73.5	58	26.5	166	75.8	53	24.2
TOTAL	1,090	82.7	228	17.3	1,059	80.4	259	19.6

Table 24
Male Teenage Driver Safety Belt Use
by Teenage Passenger Safety Belt Use by MoDOT District

MoDOT	Male Teenage Driver				Teenage Passenger			
	Restrained		Non-Restrained		Restrained		Non-Restrained	
	Freq	%	Freq	%	Freq	%	Freq	%
NW	73	50.3	72	49.7	78	53.8	67	46.2
NE	116	73.4	42	26.6	109	69.0	49	31.0
KC	97	85.8	16	14.2	98	86.7	15	13.3
C	161	66.3	82	33.7	159	65.4	84	34.6
SL	82	82.0	18	18.0	82	82.0	18	18.0
SW	206	79.2	54	20.8	214	82.3	46	17.7
SE	113	59.2	78	40.8	119	62.3	72	37.7
TOTAL	848	70.1	362	29.9	859	71.0	351	29.0

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

Table 25
Teenage Driver Safety Belt Use by
Number of Additional Passenger

Number of Passengers	Driver Restrained		Driver Non-Restrained	
	Frequency	Percent	Frequency	Percent
1	140	68.0	66	32.0
2	31	73.8	11	26.2
3	3	100.0	0	0.0

When all the teenager drivers and front seat outboard passengers are combined, safety belt use is 75.5 percent. The safety 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 safety belt use by MoDOT District

Table 26
Teenage Driver and Passenger Combined Safety Belt Use
By MoDOT District

MoDOT	2020 Restrained		% of Change	% of Change	% of Change	% of Change	% of Change	% of Change	2020 Non-Restrained	
	Freq	%	12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20	Freq	%
NW	1,231	62.7	1.9	-1.2	2.6	1.6	1.1	-0.1	734	37.3
NE	1,321	76.0	2.5	-1.3	4.7	4.9	3.7	3.9	417	24.0
KC	1,564	82.8	1.5	2.8	4.7	-7.2	-1.2	9.2	325	17.2
C	2,066	72.8	1	-0.6	2.9	-0.2	6.7	-3.5	771	27.2
SL	891	84.6	-2.2	-0.6	4	-0.4	0.2	4.6	162	15.4
SW	2,762	84.4	3.7	0.3	-2.4	5.2	6.8	2.2	512	15.6
SE	2,262	69.4	2	1.6	1.5	3.2	3.7	6.6	999	30.6
TOTAL	12,097	75.5	1.1	0.4	1.6	1.4	3.4	1.7	3,920	24.5

Attachment A

Listing of High Schools by MoDOT District

High School by MoDOT District

	NW District	Northwest Area					
	County	High School Name	Address	City	Zip	Grades	#Students
NW-01	Buchanan	Central High	2602 Edmond	St Joseph	64501	9-12	1722
NW-02	Buchanan	Benton High	5655 S Fourth	St Joseph	64504	9-12	939
NW-03	Buchanan	Lafayette High	412 Highland Ave	St Joseph	64505	9-O12	905
NW-04	Andrew	Savannah High	701 State Rte E	Savannah	64485	9-12	751
NW-05	Nodaway	Maryville High	1503 S Munn Ave	Maryville	64468	9-12	505
NW-06	Clinton	Cameron High	1022 S Chestnut	Cameron	64429	9-12	496
NW-07	Harrison	South Harrison High	3400 Bulldog Ave	Bethany	64424	7-12	414
NW-08	Buchanan	Mid-Buchanan Sr. High	3221 SE State Rte H	Faucett	64448	K-12	405
NW-09	DeKalb	Maysville Jr.-Sr. High	601 W Main	Maysville	64469	K-12	338
NW-10	Daviess	Gallatin High	602 S Olive	Gallatin	64640	7-12	286
NW-11	Clinton	Lathrop High	612 Center	Lathrop	64465	9-12	280
NW-12	Clinton	Plattsburg High	800 Frost St	Plattsburg	64477	9-12	258
NW-13	Caldwell	Penney High	Hwy 13 North	Hamilton	64644	5-12	256
NW-14	Livingston	Chillicothe High	2801 Hornet Rd	Chillicothe	64601	9-12	705
NW-15	Grundy	Trenton Sr. High	1415 Oklahoma Ave	Trenton	64683	9-12	385
NW-16	Linn	Brookfield High	124 Pershing Rd	Brookfield	64628	9-12	355
NW-17	Chariton	Salisbury High	10th & Maple	Salisbury	65281	7-12	346
NW-18	Sullivan	Milan High	373 S Market St	Milan	63556	K-12	298
NW-19	Carroll	Senior High	300 E Ninth St	Carrollton	64633	9-12	289
NW-20	Putnam	Putnam Co. High	803 S 20 th	Unionville	63565	9-12	249
NW-21	Linn	Marceline High	314 E Santa Fe	Marceline	64658	6-12	245

	NE District	Northeast Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
NE-01	Lincoln	Troy Buchanan High	1190 Old Cap-Au-Gris	Troy	63379	9-12	1500
NE-02	Marion	Hannibal Sr. High	4500 McMasters Ave	Hannibal	63401	9-12	1104
NE-03	Warren	Warren Co. Sr. High	803 Pinckney	Warrenton	63383	9-12	908
NE-04	Audrain	Mexico High	639 N Wade	Mexico	65265	9-12	785
NE-05	Lincoln	Winfield High	701 Elm St	Winfield	63389	K-12	489
NE-06	Pike	Bowling Green High	700 W Adams	Bowling Green	63334	K-12	485
NE-07	Lewis	Highland Jr.-Sr. High	Hwy 6	Ewing	63430	7-12	479
NE-08	Montgomery	Montgomery Co. High	394 N Hwy 19	Montgomery City	63361	9-12	459
NE-09	Clark	Clark Co. High	680 E Main	Kahoka	63445	9-12	389
NE-10	Adair	Kirksville Sr. High	1300 S Cottage Grove	Kirksville	63501	9-12	766
NE-11	Randolph	Moberly Sr. High	1625 Gratz Brown Rd	Moberly	65270	9-12	682
NE-12	Macon	Macon Sr. High	702 N Missouri	Macon	63552	9-12	450
NE-13	Randolph	Westran High	601 Hornet Ln	Huntsville	65259	9-12	250

	KC District	Kansas City Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
KC-01	Jackson	Lee's Summit Sr. High	400 SE Blue Pkwy	Lee's Summit	64086	9-12	2456
KC-02	Jackson	Lee's Summit North High	901 NE Douglas St	Lee's Summit	64086	9-12	2017
KC-03	Clay	Oak Park High	825 NE 79 th Terr	Kansas City	64118	9-12	1969
KC-04	Jackson	Truman High	3301 S Noland Rd	Independence	64055	9-12	1775
KC-05	Jackson	Blue Springs High	2000 NW Ashton Dr	Blue Springs	64015	9-12	1701
KC-06	Clay	Winnetonka High	5815 NE 48 th St	Kansas City	64119	9-12	1697
KC-07	Clay	North Kansas City High	620 E 23 rd Ave	Kansas City	64116	9-12	1654
KC-08	Jackson	William Chrisman High	1223 N Noland Rd	Independence	64050	9-12	1652
KC-09	Clay	Liberty High	200 Bluejay Dr	Liberty	64068	10-12	1598
KC-10	Jackson	Fort Osage High	2101 N Twyman Rd	Independence	64058	K-12	1480
KC-11	Platte	Park Hill High	7701 NW Barry Rd	Kansas City	64153	9-12	1453
KC-12	Platte	Park Hill South High	4500 River Park Dr	Riverside	64150	9-12	1452
KC-13	Jackson	Raytown Sr. High	6019 Blue Ridge Blvd	Raytown	64133	9-12	1396
KC-14	Cass	Raymore-Peculiar Sr. High	20801 School Rd	Peculiar	64078	9-12	1383
KC-15	Cass	Belton High	107 W Pirate Pkwy	Belton	64012	10-12	1365
KC-16	Jackson	Blue Springs South High	1200 SE Adams Dairy Pkwy	Blue Springs	64014	9-12	1307
KC-17	Jackson	Raytown South Sr. High	8211 Sterling Ave	Raytown	64138	9-12	1253
KC-18	Jackson	Grandview Sr. High	2300 High Grove Rd	Grandview	64030	9-12	1243
KC-19	Jackson	Ruskin High School	9010 Old Santa Fe Rd	Kansas City	64138	9-12	1162
KC--20	Johnson	Warrensburg High	1411 S Ridgeview Dr	Warrensburg	64093	9-12	1007
KC-21	Saline	Marshall Sr. High	805 S Miami	Marshall	65340	9-12	869
KC-22	Pettis	Smith-Cotton High	312 E Broadway	Sedalia	65301	9-12	1238

	C District	Central Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
C-01	Boone	Columbia-Hickman High	1104 N Providence Rd	Columbia	65203	10-12	2164
C-02	Cole	Jefferson City High	609 Union	Jefferson City	65101	10-12	1881
C-03	Boone	Rock Bridge Sr. High	4303 S Providence Rd	Columbia	65203	10-12	1388
C-04	Camden	Camdenton High	Township Rd	Camdenton	65020	K-12	1346
C-05	Callaway	Fulton Sr. High	1 Hornet Dr	Fulton	65251	9-12	754
C-06	Miller	Eldon High	110 S Oak	Eldon	65026	K-12	613
C-07	Gasconade	Owensville High	3336 Hwy 19	Owensville	65066	9-12	606
C-08	Morgan	Morgan Co. High	913 W Newton	Versailles	65084	K-12	529
C-09	Cooper	Boonville High	1690A W Ashley Rd	Boonville	65233	9-12	508
C-10	Miller	Osage High	646 Hwy 42	Kaiser	65047	9-12	494
C-11	Osage	Fatima High	143 E Main	Westphalia	65085	K-12	490
C-12	Moniteau	California High	1501 W Buchanan St	California	65018	9-12	482
C-13	Callaway	North Callaway High	2700 Hwy 54	Kingdom City	65262	9-12	445
C-14	Laclede	Lebanon Sr. High	777 Brice St	Lebanon	65536	9-12	1028
C-15	Phelps	Rolla Sr. High	900 Bulldog Run	Rolla	65401	10-12	1016
C-16	Washington	Potosi High	1 Trojan Dr	Potosi	63664	9-12	722
C-17	Phelps	St. James High	101 E Scioto	St James	65559	9-12	627
C-18	Dent	Salem Sr. High	1400 W Third St	Salem	65560	7-12	486
C-19	Crawford	Cuba High	1 Wildcat Pride Dr	Cuba	65453	K-12	440

	SL District	St. Louis Metro Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
SL-01	St. Louis	Hazelwood West High	1 Wildcat Ln	Hazelwood	63042	7-12	2620
SL-02	St. Louis	Hazelwood Central High	15875 New Halls Ferry Rd	Florissant	63031	9-12	2549
SL-03	Jefferson	Northwest High	6005 Cedar Hill Rd	House Springs	63051	9-12	2232
SL-04	St. Charles	Francis Howell Central High	5199 Hwy N	St Charles	63304	9-12	2192
SL-05	St. Charles	Ft. Zumwalt South High	8050 Mexico Rd	St Peters	63376	9-12	2158
SL-06	St. Louis	Oakville Sr. High	5557 Milburn Rd	St Louis	63129	9-12	2142
SL-07	St. Charles	West High	1251 Turtle Creek Dr	O'Fallon	63366	9-12	2138
SL-08	St. Louis	Marquette Sr. High	2351 Clarkson Rd	Chesterfield	63017	9-12	2130
SL-09	St. Louis	South High	801 Hanna Rd	Ballwin	63021	9-12	2117
SL-10	St. Louis	Lafayette Sr. High	17050 Clayton Rd	Wildwood	63011	9-12	2091
SL-11	St. Charles	Francis Howell North High	2549 Hackmann Rd	St Charles	63303	9-12	2026
SL-12	St. Louis	Pattonville Sr. High	2497 Creve Coeur Mill Rd	Maryland Heights	63043	9-12	2019
SL-13	St. Louis	Mehlville Sr. High	3200 Lemay Ferry Rd	St Louis	63125	9-12	1931
SL-14	St. Louis City	Roosevelt High	3230 Hartford St	St Louis	63118	9-12	1896
SL-15	St. Louis	Riverview Gardens Sr. High	1218 Shepley	St Louis	63137	9-12	1855
SL-16	St. Louis	Hazelwood East High	11300 Dunn Rd	St Louis	63138	9-12	1810
SL-17	St. Louis	Lindbergh Sr. High	4900 S Lindbergh	St Louis	63126	9-12	1799
SL-18	Jefferson	Fox Sr. High	751 Jeffco Blvd	Arnold	63010	9-12	1788
SL-19	St. Louis	McCluer High	1896 S Florissant Rd	Florissant	63031	9-12	1781
SL-20	St. Louis	Kirkwood Sr. High	801 W Essex Ave	Kirkwood	63122	9-12	1741
SL-21	St. Louis	Ritenour Sr. High	9100 St Charles Rock Rd	St Louis	63114	9-12	1719

	SW District	Southwest Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
SW-01	Jasper	Joplin High	2104 Indiana	Joplin	64802	9-12	1921
SW-02	Jasper	Webb City High	621 N Madison	Webb City	64870	9-12	1068
SW-03	McDonald	McDonald County High	100 Mustang Dr	Anderson	64831	9-12	925
SW-04	Newton	Neosho High	511 Neosho Blvd	Neosho	64850	8-12	853
SW-05	Jasper	Carthage Sr. High	714 S Main St	Carthage	64836	10-12	828
SW-06	Vernon	Nevada High	800 W Hickory St	Nevada	64772	9-12	808
SW-07	Jasper	Carl Junction High	1 Bulldog Ln	Carl Junction	64834	9-12	754
SW-08	Barry	Cassville High	1501 Main St	Cassville	65625	PK-12	646
SW-09	Barry	Monett High	One David Sippy Dr	Monett	65708	9-12	583
SW-10	Newton	Seneca High	1110 Neosho St	Seneca	64865	9-12	553
SW-11	Lawrence	Aurora High	101 Roosevelt	Aurora	65605	9-12	549
SW-12	Bates	Butler High	420 S Fulton St	Butler	64730	7-12	543
SW-13	Newton	East Newton High	22876 E Hwy 86	Granby	64844	9-12	433
SW-14	Greene	Kickapoo High	3710 S Jefferson	Springfield	65807	9-12	1752
SW-15	Greene	Glendale High	2727 S Ingram Mill	Springfield	65804	9-12	1532
SW-16	Greene	Parkview High	516 W Meadowmere	Springfield	65807	9-12	1513
SW-17	Greene	Central High	423 E Central	Springfield	65802	6-12	1335
SW-18	Greene	Hillcrest High	3319 N Grant	Springfield	65803	9-12	1249
SW-19	Christian	Nixa High	205 North St	Nixa	65714	K-12	1146
SW-20	Christian	Ozark High	1109 W Jackson	Ozark	65721	9-12	1099
SW-21	Greene	Willard High	205 Miller Rd	Willard	65781	9-12	968
SW-22	Greene	Republic High	1 Tiger Dr	Republic	65738	9-12	935
SW-23	Taney	Branson High	935 Buchanan Rd	Branson	65616	9	921
SW-24	Webster	Marshfield High	370 State Hwy DD	Marshfield	65706	9-12	789
SW-25	Polk	Bolivar High	1401 N Hwy D	Bolivar	65613	9-12	737
SW-26	Dallas	Buffalo High	500 W Main	Buffalo	65622	9-12	639
SW-27	Stone	Reeds Spring High	20277 A State Hwy	Reeds Spring	65737	9-12	608
SW-28	Greene	Logan-Rogersville High	8225 E Farm Rd 174	Rogersville	65742	9-12	593
SW-29	Benton	Warsaw High	Old Hwy 65 South	Warsaw	65355	6-12	447

	SE District	Southeast Area					
	County	High School Name	Address	City	Zip	Grades	# HS Students
SE-01	Butler	Poplar Bluff High	1300 Victory Ln	Poplar Bluff	63901	9-12	1357
SE-02	Cape Girardeau	Central High	1000 S Silver Springs Rd	Cape Girardeau	63701	9-12	1355
SE-03	Cape Girardeau	Jackson Sr. High	315 S Missouri	Jackson	63755	10-12	1179
SE-04	St. Francois	Farmington Sr. High	1 Black Knight Dr	Farmington	63640	9-12	1169
SE-05	St. Francois	North Co. Sr. High	7151 Raider Rd	Bonne Terre	63628	9-12	1016
SE-06	Perry	Perryville Sr. High	326 College St	Perryville	63775	K-12	847
SE-07	Scott	Sikeston Sr. High	200 Pine St	Sikeston	63801	10-12	802
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	715 Washington St	Ste Genevieve	63670	9-12	749
SE-09	Stoddard	Dexter High	1101 W Grant St	Dexter	63841	9-12	654
SE-10	Madison	Fredericktown High	805 E Hwy 72	Fredericktown	63645	9-12	597
SE-11	New Madrid	Central High	310 US Hwy 61	New Madrid	63869	6-12	558
SE-12	St. Francois	Central High	116 Rebel Dr	Park Hills	63601	9-12	525
SE-13	Dunklin	Kennett High	1400 W Washington St	Kennett	63857	9-12	524
SE-14	Dunklin	Malden High	407 County Rd J	Malden	63863	K-12	463
SE-15	Bollinger	Woodland High	Rte 3 Box 3210	Marble Hill	63764	K-12	451
SE-16	Pemiscot	Caruthersville High	1708 Ward Ave	Caruthersville	63830	6-12	416
SE-17	Wayne	Greenville High	178 Walnut St	Greenville	63944	7-12	406
SE-18	Douglas	Ava High	507 NE 3 rd St	Ava	65608	PK-12	545
SE-19	Howell	West Plains Sr. High	602 E Olden	West Plains	65775	9-12	1185
SE-20	Howell	Liberty Sr. High	Hwy 60 East	Mount View	65548	7-12	569
SE-21	Ripley	Doniphan High	5 Ball Park Rd	Doniphan	63935	9-12	514
SE-22	Texas	Licking High	313 S Main	Licking	65542	7-12	429
SE-23	Howell	Willow Springs High	215 W Fourth St	Willow Springs	65793	9-12	385
SE-24	Texas	Houston High	423 W Pine	Houston	65483	PK-12	376
SE-25	Carter	East Carter Co. R-II	24 S Herren Ave	Ellsinore	63937	PK-12	364

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
- ☐ 11
- ☐ 12
- ☐ 13
- ☐ 14
- ☐ 15
- ☐ 16
- ☐ 17
- ☐ 18
- ☐ 19
- ☐ 20
- ☐ 21
- ☐ 22
- ☐ 23
- ☐ 24
- ☐ 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: _____

-28-

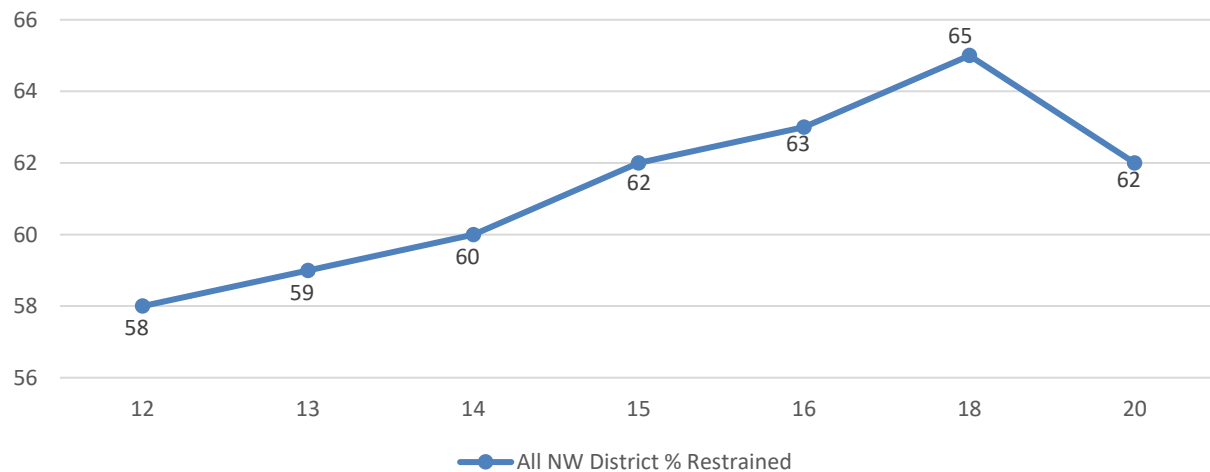
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Attachment C

High School by MoDOT District
Teenage Drivers Only Safety Belt Use

NW District High Schools
Teenage Drivers Only Safety Belt Use

Northwest District (NW)			Teenage Drivers						
Site #'s	County	High School Name (Sites 01 - 21)	% Restrained by Year						
			12	13	14	15	16	18	20
NW-01	Buchanan	Central High	74%	87%	73%	92%	78%	64%	74%
NW-02	Buchanan	Benton High	69%	64%	69%	64%	58%	72%	55%
NW-03	Buchanan	Lafayette High	56%	56%	58%	56%	62%	55%	70%
NW-04	Andrew	Savannah High	67%	71%	55%	77%	77%	63%	89%
NW-05	Nodaway	Maryville High	84%	67%	73%	60%	77%	69%	73%
NW-06	Clinton	Cameron High	56%	76%	61%	60%	65%	74%	69%
NW-07	Harrison	South Harrison High	46%	39%	56%	38%	54%	55%	47%
NW-08	Buchanan	Mid-Buchanan Sr. High	72%	82%	88%	91%	86%	83%	54%
NW-09	DeKalb	Maysville Jr.-Sr. High	100%	33%	20%	59%	54%	57%	22%
NW-10	Daviess	Gallatin High	57%	53%	47%	55%	33%	42%	61%
NW-11	Clinton	Lathrop High	62%	54%	67%	64%	56%	74%	66%
NW-12	Clinton	Plattsburg High	69%	71%	48%	74%	65%	57%	53%
NW-13	Caldwell	Penney High	57%	55%	55%	63%	49%	64%	56%
NW-14	Livingston	Chillicothe High	61%	59%	63%	59%	59%	66%	60%
NW-15	Grundy	Trenton Sr. High	39%	56%	57%	61%	55%	58%	60%
NW-16	Linn	Brookfield High	53%	57%	64%	66%	61%	68%	47%
NW-17	Chariton	Salisbury High	27%	24%	28%	51%	56%	79%	45%
NW-18	Sullivan	Milan High	33%	39%	32%	45%	60%	42%	80%
NW-19	Carroll	Senior High	43%	33%	41%	47%	58%	51%	59%
NW-20	Putnam	Putnam Co. High	40%	42%	55%	51%	40%	41%	70%
NW-21	Linn	Marceline High	58%	37%	59%	49%	57%	68%	68%
ALL			58%	59%	60%	62%	63%	65%	62%
Hybrid School's									

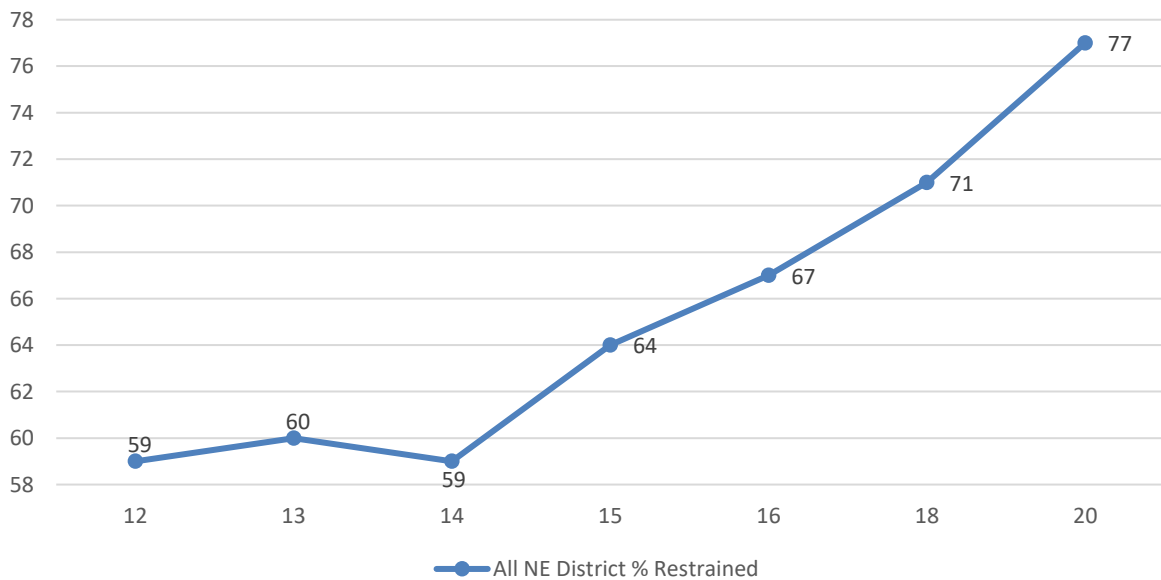


NW District High Schools
Teenage Drivers Only Safety Belt Use
Percentage of Change

Northwest District (NW)			Teenage Drivers					
Site #'s	County	High School Name (Sites 01 - 21)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
NW-01	Buchanan	Central High	13%	-14%	19%	-14%	-14%	10%
NW-02	Buchanan	Benton High	-5%	5%	-5%	-6%	14%	-17%
NW-03	Buchanan	Lafayette High	0%	2%	-2%	6%	-7%	15%
NW-04	Andrew	Savannah High	4%	-16%	22%	0%	-14%	26%
NW-05	Nodaway	Maryville High	-17%	6%	-13%	17%	-8%	4%
NW-06	Clinton	Cameron High	20%	-15%	-1%	5%	9%	-5%
NW-07	Harrison	South Harrison High	-7%	17%	-18%	16%	1%	-8%
NW-08	Buchanan	Mid-Buchanan Sr. High	10%	6%	3%	-5%	-3%	-29%
NW-09	DeKalb	Maysville Jr.-Sr. High	-67%	-13%	39%	-5%	3%	-35%
NW-10	Daviess	Gallatin High	-4%	-6%	8%	-22%	9%	19%
NW-11	Clinton	Lathrop High	-8%	13%	-3%	-8%	18%	-8%
NW-12	Clinton	Plattsburg High	2%	-23%	26%	-9%	-8%	-4%
NW-13	Caldwell	Penney High	-2%	0%	8%	-14%	15%	-8%
NW-14	Livingston	Chillicothe High	-2%	4%	-4%	0%	7%	-6%
NW-15	Grundy	Trenton Sr. High	17%	1%	4%	-6%	3%	-2%
NW-16	Linn	Brookfield High	4%	7%	2%	-5%	7%	-21%
NW-17	Chariton	Salisbury High	-3%	4%	23%	5%	23%	-34%
NW-18	Sullivan	Milan High	6%	-7%	13%	15%	-18%	38%
NW-19	Carroll	Senior High	-10%	8%	6%	11%	-7%	8%
NW-20	Putnam	Putnam Co. High	2%	13%	-4%	-11%	1%	29%
NW-21	Linn	Marceline High	-21%	22%	-10%	8%	11%	0%
ALL			1%	1%	2%	1%	2%	-3%
Highlighted school's percent of change is at or above 25 percent								
Hybrid School's								

NE District High Schools
Teenage Drivers Only Safety Belt Use

Northeast District (NE)			Teenage Drivers						
Site #'s	County	High School Name (Sites 01 - 13)	% Restrained by Year						
			12	13	14	15	16	18	20
NE-01	Lincoln	Troy Buchanan High	74%	73%	73%	72%	78%	81%	76%
NE-02	Marion	Hannibal Sr. High	54%	60%	56%	70%	64%	79%	86%
NE-03	Warren	Warren Co. Sr. High	78%	77%	73%	78%	75%	74%	90%
NE-04	Audrain	Mexico High	43%	47%	48%	43%	44%	72%	60%
NE-05	Lincoln	Winfield High	73%	46%	62%	57%	77%	83%	V
NE-06	Pike	Bowling Green High	47%	53%	49%	64%	73%	70%	68%
NE-07	Lewis	Highland Jr.-Sr. High	48%	73%	57%	72%	75%	82%	89%
NE-08	Montgomery	Montgomery Co. High	61%	45%	58%	59%	76%	78%	74%
NE-09	Clark	Clark Co. High	52%	53%	45%	51%	65%	63%	78%
NE-10	Adair	Kirksville Sr. High	65%	55%	62%	73%	70%	54%	91%
NE-11	Randolph	Moberly Sr. High	63%	62%	62%	62%	60%	74%	63%
NE-12	Macon	Macon Sr. High	48%	57%	61%	60%	55%	60%	80%
NE-13	Randolph	Westran High	26%	54%	52%	45%	49%	48%	65%
ALL			59%	60%	59%	64%	67%	71%	77%
V = School being held virtually									



NE District High Schools
Teenage Drivers Only Safety Belt Use
Percentage of Change

Northeast District (NE)			Teenage Drivers					
Site #'s	County	High School Name (Sites 01 - 13)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
NE-01	Lincoln	Troy Buchanan High	-1%	5%	-1%	6%	3%	-5%
NE-02	Marion	Hannibal Sr. High	6%	4%	14%	-6%	15%	7%
NE-03	Warren	Warren Co. Sr. High	-1%	-2%	5%	-3%	-1%	16%
NE-04	Audrain	Mexico High	4%	-3%	-5%	1%	28%	-12%
NE-05	Lincoln	Winfield High	-27%	31%	-5%	20%	6%	V
NE-06	Pike	Bowling Green High	6%	20%	15%	9%	-3%	-2%
NE-07	Lewis	Highland Jr.-Sr. High	25%	2%	15%	3%	7%	7%
NE-08	Montgomery	Montgomery Co. High	-16%	31%	1%	17%	2%	-4%
NE-09	Clark	Clark Co. High	1%	12%	6%	14%	-2%	15%
NE-10	Adair	Kirksville Sr. High	-10%	15%	12%	-3%	-16%	37%
NE-11	Randolph	Moberly Sr. High	-1%	-2%	0%	-2%	14%	-11%
NE-12	Macon	Macon Sr. High	9%	-2%	-1%	-5%	5%	20%
NE-13	Randolph	Westran High	28%	-5%	-7%	4%	-1%	17%
ALL			1%	7%	5%	3%	4%	6%
Highlighted schools' percent of change is at or above 25 percent								
V = School being held virtually								

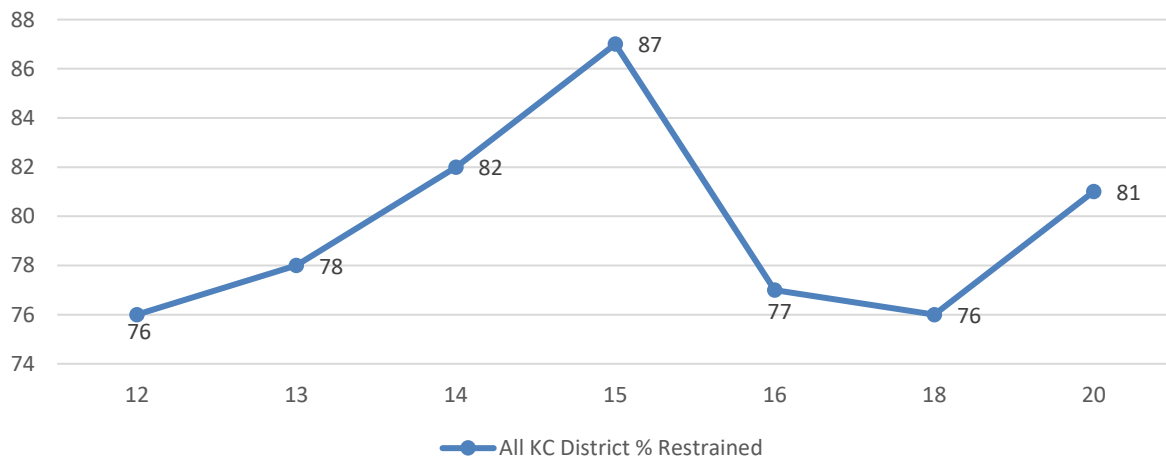
KC District High Schools
Teenage Drivers Only Safety Belt Use

Kansas City District (KC)			Teenage Drivers						
Site #'s	County	High School Name (Sites 01 - 22)	% Restrained by Year						
			12	13	14	15	16	18	20
KC-01	Jackson	Lee's Summit Sr. High	86%	82%	87%	83%	87%	87%	88%
KC-02	Jackson	Lee's Summit North High	90%	77%	97%	92%	85%	89%	74%
KC-03	Clay	Oak Park High	88%	87%	90%	0%	79%	60%	79%
KC-04	Jackson	Truman High	67%	66%	87%	0%	66%	67%	71%
KC-05	Jackson	Blue Springs High	63%	90%	81%	82%	87%	86%	78%
KC-06	Clay	Winnetonka High	80%	86%	77%	0%	59%	69%	91%
KC-07	Clay	North Kansas City High	82%	87%	80%	89%	89%	62%	96%
KC-08	Jackson	William Chrisman High	57%	64%	61%	0%	53%	75%	88%
KC-09	Clay	Liberty High	82%	72%	100%	84%	92%	54%	90%
KC-10	Jackson	Fort Osage High	74%	83%	93%	0%	58%	70%	79%
KC-11	Platte	Park Hill High	87%	81%	76%	78%	77%	66%	89%
KC-12	Platte	Park Hill South High	85%	96%	91%	84%	88%	72%	87%
KC-13	Jackson	Raytown Sr. High	64%	53%	87%	0%	57%	70%	V
KC-14	Cass	Raymore-Peculiar Sr. High	78%	79%	63%	0%	59%	75%	85%
KC-15	Cass	Belton High	82%	84%	90%	0%	67%	80%	69%
KC-16	Jackson	Blue Springs South High	68%	76%	83%	77%	72%	90%	88%
KC-17	Jackson	Raytown South Sr. High	62%	76%	79%	0%	51%	69%	V
KC-18	Jackson	Grandview Sr. High	85%	64%	77%	0%	64%	77%	V
KC-19	Jackson	Ruskin High School	74%	61%	50%	0%	41%	76%	V
KC-20	Johnson	Warrensburg High	82%	78%	84%	86%	87%	91%	72%
KC-21	Saline	Marshall Sr. High	47%	56%	63%	60%	71%	72%	67%
KC-22	Pettis	Smith-Cotton High	70%	72%	78%	78%	83%	78%	69%
ALL			76%	78%	82%	87%	77%	76%	81%

Data was not collected accurately in 2015 and was not used for the highlighted schools

V = School's was being held virtually

Hybrid School's

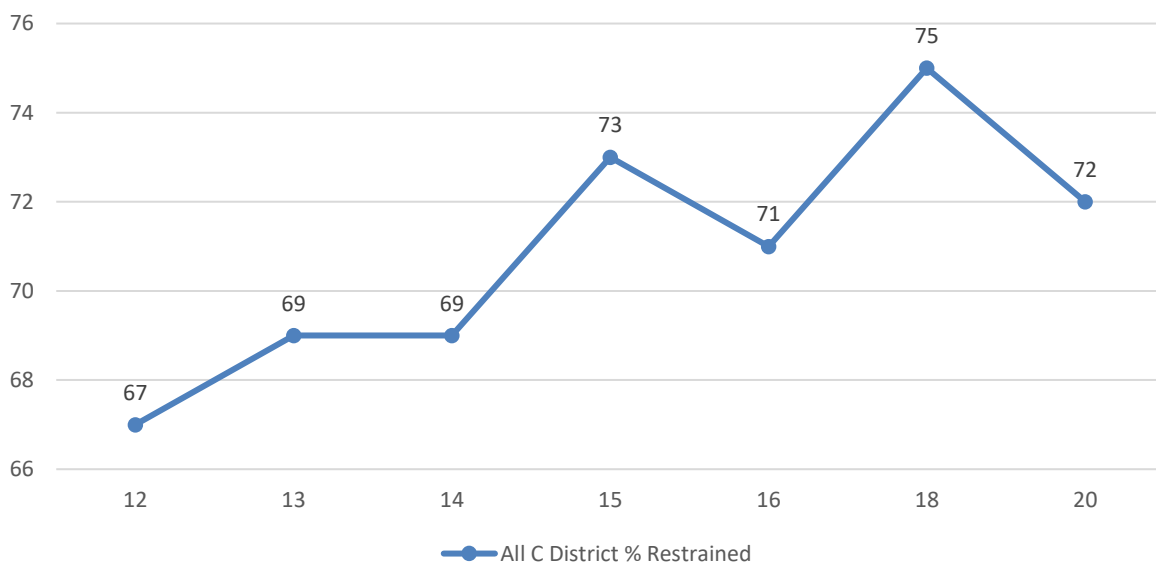


KC District High Schools
Teenage Drivers Only Safety Belt Use
Percentage of Change

Kansas City District (KC)			Teenage Drivers					
Site #'s	County	High School Name (Sites 01 - 22)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
KC-01	Jackson	Lee's Summit Sr. High	-4%	5%	-4%	4%	0%	1%
KC-02	Jackson	Lee's Summit North High	-13%	20%	-5%	-7%	4%	-15%
KC-03	Clay	Oak Park High	-1%	3%	-90%	79%	-19%	19%
KC-04	Jackson	Truman High	-1%	21%	-87%	66%	1%	4%
KC-05	Jackson	Blue Springs High	27%	-10%	1%	5%	-1%	-8%
KC-06	Clay	Winnetonka High	6%	-9%	-77%	59%	10%	22%
KC-07	Clay	North Kansas City High	5%	-7%	9%	0%	-27%	34%
KC-08	Jackson	William Chrisman High	7%	-4%	-61%	53%	22%	13%
KC-09	Clay	Liberty High	-10%	28%	-16%	8%	-38%	36%
KC-10	Jackson	Fort Osage High	9%	10%	-93%	58%	12%	9%
KC-11	Platte	Park Hill High	-6%	-6%	3%	-1%	-11%	23%
KC-12	Platte	Park Hill South High	11%	-5%	-7%	4%	-16%	15%
KC-13	Jackson	Raytown Sr. High	-11%	34%	-87%	57%	13%	V
KC-14	Cass	Raymore-Peculiar Sr. High	1%	-16%	-63%	59%	16%	10%
KC-15	Cass	Belton High	2%	6%	-90%	67%	13%	-11%
KC-16	Jackson	Blue Springs South High	8%	7%	-6%	-5%	18%	-2%
KC-17	Jackson	Raytown South Sr. High	14%	3%	-79%	51%	18%	V
KC-18	Jackson	Grandview Sr. High	-21%	13%	-77%	64%	13%	V
KC-19	Jackson	Ruskin High School	-13%	-11%	-50%	41%	35%	V
KC-20	Johnson	Warrensburg High	-4%	6%	2%	1%	4%	-19%
KC-21	Saline	Marshall Sr. High	9%	6%	-3%	11%	1%	-5%
KC-22	Pettis	Smith-Cotton High	2%	6%	1%	5%	-5%	-9%
ALL			2%	4%	5%	-10%	-1%	5%
Data was not collected accurately in 2015 and was not used for the highlighted schools								
Highlighted school's percent of change is at or above 25 percent								
V = School's being held virtually								
Hybrid School's								

C District High Schools
Teenage Drivers Only Safety Belt Use

Central District (C)			Teenage Drivers						
Site #	County	High School Name (Sites 01 - 19)	% Restrained by Year						
			12	13	14	15	16	18	20
C-01	Boone	Columbia-Hickman High	66%	73%	66%	73%	65%	88%	V
C-02	Cole	Jefferson City High	79%	81%	79%	82%	75%	78%	80%
C-03	Boone	Rock Bridge Sr. High	86%	76%	81%	85%	71%	92%	V
C-04	Camden	Camdenton High	73%	65%	66%	81%	79%	82%	85%
C-05	Callaway	Fulton Sr. High	60%	55%	70%	64%	61%	76%	77%
C-06	Miller	Eldon High	63%	59%	58%	60%	59%	67%	73%
C-07	Gasconade	Owensville High	69%	71%	69%	68%	85%	68%	47%
C-08	Morgan	Morgan Co. High	47%	52%	59%	62%	57%	56%	71%
C-09	Cooper	Boonville High	65%	65%	71%	78%	77%	75%	72%
C-10	Miller	Osage High	65%	75%	77%	75%	64%	78%	75%
C-11	Osage	Fatima High	70%	82%	63%	78%	77%	84%	70%
C-12	Moniteau	California High	42%	42%	55%	57%	41%	66%	60%
C-13	Callaway	North Callaway High	61%	62%	48%	63%	67%	73%	71%
C-14	Laclede	Lebanon Sr. High	93%	53%	68%	71%	65%	70%	73%
C-15	Phelps	Rolla Sr. High	88%	89%	86%	89%	90%	85%	80%
C-16	Washington	Potosi High	35%	37%	47%	41%	48%	78%	73%
C-17	Phelps	St. James High	73%	81%	83%	85%	82%	58%	68%
C-18	Dent	Salem Sr. High	63%	63%	70%	71%	69%	68%	67%
C-19	Crawford	Cuba High	65%	84%	71%	79%	75%	72%	71%
ALL			67%	69%	69%	73%	71%	75%	72%
V = School's being held virtually									

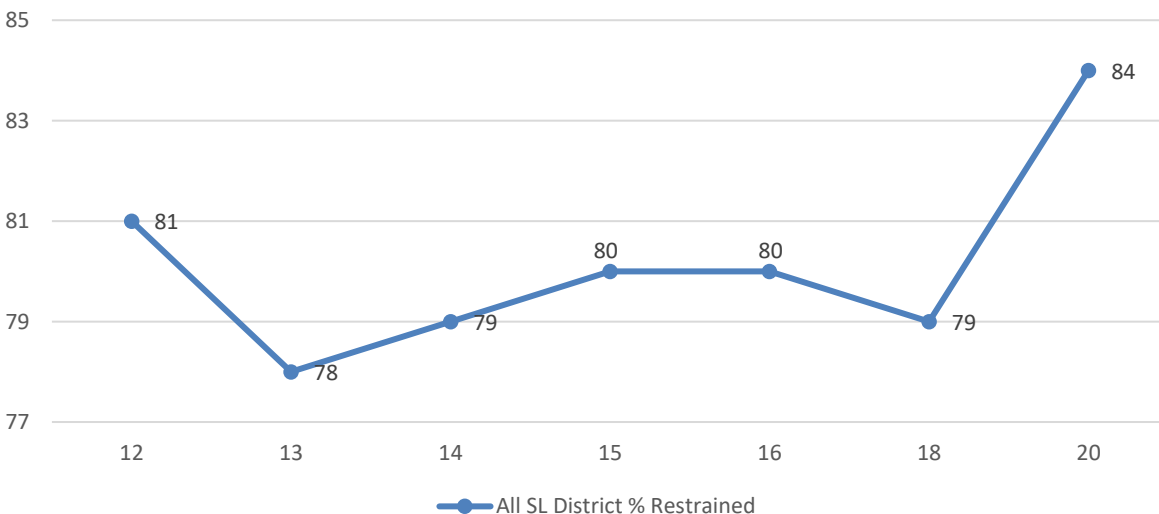


C District High Schools
Teenage Drivers Only Safety Belt Use
Percentage of Change

Central District (C)			Teenage Drivers					
Site #	County	High School Name (Sites 01 - 19)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
C-01	Boone	Columbia-Hickman High	7%	-7%	7%	-8%	23%	V
C-02	Cole	Jefferson City High	2%	-3%	3%	-7%	3%	2%
C-03	Boone	Rock Bridge Sr. High	-10%	5%	4%	-14%	21%	V
C-04	Camden	Camdenton High	-8%	1%	15%	-2%	3%	-3%
C-05	Callaway	Fulton Sr. High	-5%	15%	-6%	-3%	15%	1%
C-06	Miller	Eldon High	-4%	-2%	3%	-1%	8%	6%
C-07	Gasconade	Owensville High	2%	-2%	-1%	17%	-17%	-21%
C-08	Morgan	Morgan Co. High	5%	7%	3%	-5%	-1%	15%
C-09	Cooper	Boonville High	0%	6%	7%	-1%	-2%	-3%
C-10	Miller	Osage High	10%	2%	-2%	-11%	14%	-3%
C-11	Osage	Fatima High	12%	-19%	15%	-1%	7%	-14%
C-12	Moniteau	California High	0%	13%	2%	-16%	25%	-6%
C-13	Callaway	North Callaway High	1%	-14%	15%	4%	6%	-2%
C-14	Laclede	Lebanon Sr. High	-40%	15%	3%	-6%	5%	3%
C-15	Phelps	Rolla Sr. High	1%	-3%	3%	1%	-5%	-5%
C-16	Washington	Potosi High	2%	10%	-6%	7%	30%	-5%
C-17	Phelps	St. James High	8%	2%	2%	-3%	-24%	10%
C-18	Dent	Salem Sr. High	0%	7%	1%	-2%	-1%	-1%
C-19	Crawford	Cuba High	19%	-14%	9%	-4%	-3%	-1%
ALL			2%	0%	4%	-2%	4%	-3%
Highlighted schools' percent of change is at or above 25 percent								
V = School's being held virtually								

SL District High Schools
Teenage Drivers' Only Safety Belt Use

St. Louis District (SL)			Teenage Drivers						
Sites #'s	County	High School Name (Sites 01 - 21)	% Restrained by Year						
			12	13	14	15	16	18	20
SL-01	St. Louis	Hazelwood West High	55%	77%	72%	73%	71%	69%	V
SL-02	St. Louis	Hazelwood Central High	56%	54%	50%	63%	53%	58%	V
SL-03	Jefferson	Northwest High	77%	78%	77%	78%	80%	86%	81%
SL-04	St. Charles	Francis Howell Central	97%	76%	77%	68%	77%	79%	83%
SL-05	St. Charles	Ft. Zumwalt South High	76%	64%	75%	83%	85%	79%	84%
SL-06	St. Louis	Oakville Sr. High	84%	88%	85%	79%	73%	90%	V
SL-07	St. Charles	West High	89%	66%	80%	84%	83%	77%	95%
SL-08	St. Louis	Marquette Sr. High	95%	89%	83%	84%	97%	94%	V
SL-09	St. Louis	South High	93%	80%	74%	86%	82%	76%	V
SL-10	St. Louis	Lafayette Sr. High	86%	88%	85%	88%	96%	91%	V
SL-11	St. Charles	Francis Howell North High	83%	86%	82%	84%	78%	69%	83%
SL-12	St. Louis	Pattonville Sr. High	81%	82%	73%	88%	86%	84%	V
SL-13	St. Louis	Mehlville Sr. High	84%	76%	74%	77%	73%	84%	V
SL-14	St. Louis City	Roosevelt High	50%	17%	0%	0%	80%	60%	V
SL-15	St. Louis	Riverview Gardens Sr.	50%	45%	75%	50%	82%	67%	V
SL-16	St. Louis	Hazelwood East High	39%	53%	65%	47%	57%	51%	V
SL-17	St. Louis	Lindbergh Sr. High	86%	87%	93%	80%	88%	86%	V
SL-18	Jefferson	Fox Sr. High	63%	75%	75%	89%	78%	79%	78%
SL-19	St. Louis	McCluer High	41%	65%	63%	56%	67%	66%	V
SL-20	St. Louis	Kirkwood Sr. High	85%	91%	92%	89%	87%	90%	V
SL-21	St. Louis	Ritenour Sr. High	94%	75%	71%	63%	69%	62%	V
ALL			81%	78%	79%	80%	80%	79%	84%
V = School's being held virtually									
Hybrid School's									

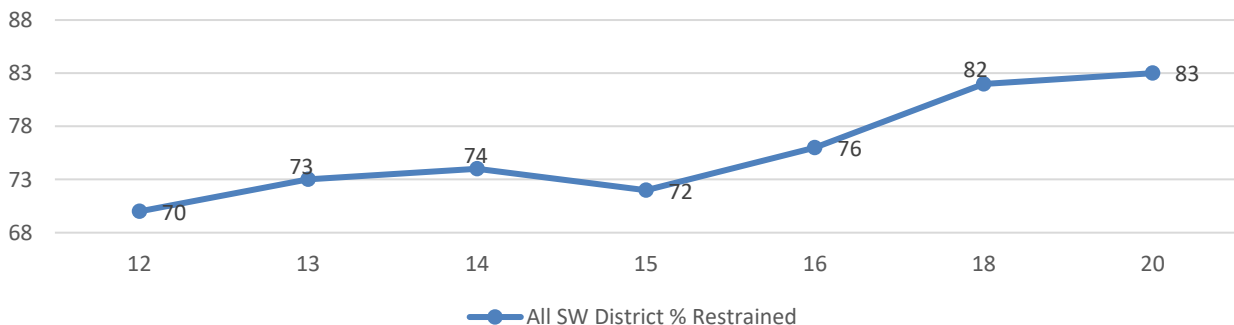


SL District High Schools
Teenage Drivers Only Safety Belt Use
Percentage of Change

St. Louis District (SL)			Teenage Drivers					
Sites #'s	County	High School Name (Sites 01 - 21)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
SL-01	St. Louis	Hazelwood West High	22%	-5%	1%	-2%	-2%	V
SL-02	St. Louis	Hazelwood Central High	-2%	-4%	13%	-10%	5%	V
SL-03	Jefferson	Northwest High	1%	-1%	1%	2%	6%	-5%
SL-04	St. Charles	Francis Howell Central	-21%	1%	-9%	9%	2%	4%
SL-05	St. Charles	Ft. Zumwalt South High	-12%	11%	8%	2%	-6%	5%
SL-06	St. Louis	Oakville Sr. High	4%	-3%	-6%	-6%	17%	V
SL-07	St. Charles	West High	-23%	14%	4%	-1%	-6%	18%
SL-08	St. Louis	Marquette Sr. High	-6%	-6%	1%	13%	-3%	V
SL-09	St. Louis	South High	-13%	-6%	12%	-4%	-6%	V
SL-10	St. Louis	Lafayette Sr. High	2%	-3%	3%	8%	-5%	V
SL-11	St. Charles	Francis Howell North High	3%	-4%	2%	-6%	-9%	14%
SL-12	St. Louis	Pattonville Sr. High	1%	-9%	15%	-2%	-2%	V
SL-13	St. Louis	Mehlville Sr. High	-8%	-2%	3%	-4%	11%	V
SL-14	St. Louis City	Roosevelt High	-33%	-17%	0%	80%	-20%	V
SL-15	St. Louis	Riverview Gardens Sr.	-5%	30%	-25%	32%	-15%	V
SL-16	St. Louis	Hazelwood East High	14%	12%	-18%	10%	-6%	V
SL-17	St. Louis	Lindbergh Sr. High	1%	6%	-13%	8%	-2%	V
SL-18	Jefferson	Fox Sr. High	12%	0%	14%	-11%	1%	-1%
SL-19	St. Louis	McCluer High	24%	-2%	-7%	11%	-1%	V
SL-20	St. Louis	Kirkwood Sr. High	6%	1%	-3%	-2%	3%	V
SL-21	St. Louis	Ritenour Sr. High	-19%	-4%	-8%	6%	-7%	V
ALL			-3%	1%	1%	0%	-1%	5%
Highlighted school's percent of change is at or above 25 percent								
Data was not collected accurately in 2015 and was not used for the highlighted schools								
V = School's being held virtually								
Hybrid School's								

SW District High Schools
Teenage Drivers Only Safety Belt Use

Southwest District (SW)			Teenage Drivers						
Site #'s	County	High School Name (Sites 01 - 29)	% Restrained by Year						
			12	13	14	15	16	18	20
SW-01	Jasper	Joplin High	80%	76%	81%	71%	78%	90%	87%
SW-02	Jasper	Webb City High	69%	70%	62%	62%	69%	84%	83%
SW-03	McDonald	McDonald County High	67%	68%	73%	60%	72%	76%	88%
SW-04	Newton	Neosho High	57%	68%	60%	58%	67%	88%	81%
SW-05	Jasper	Carthage Sr. High	80%	79%	73%	72%	78%	94%	84%
SW-06	Vernon	Nevada High	33%	70%	56%	40%	52%	82%	77%
SW-07	Jasper	Carl Junction High	87%	70%	68%	67%	63%	78%	89%
SW-08	Barry	Cassville High	70%	71%	78%	71%	73%	75%	81%
SW-09	Barry	Monett High	73%	78%	75%	47%	69%	81%	80%
SW-10	Newton	Seneca High	62%	55%	67%	73%	51%	80%	76%
SW-11	Lawrence	Aurora High	56%	51%	63%	54%	70%	61%	81%
SW-12	Bates	Butler High	81%	57%	43%	45%	73%	70%	53%
SW-13	Newton	East Newton High	53%	58%	69%	60%	73%	67%	89%
SW-14	Greene	Kickapoo High	77%	83%	89%	83%	83%	89%	82%
SW-15	Greene	Glendale High	78%	82%	76%	85%	89%	90%	72%
SW-16	Greene	Parkview High	62%	73%	73%	81%	86%	90%	78%
SW-17	Greene	Central	58%	73%	76%	78%	85%	76%	71%
SW-18	Greene	Hillcrest High	71%	78%	57%	78%	68%	75%	77%
SW-19	Christian	Nixa High	78%	88%	88%	93%	85%	88%	94%
SW-20	Christian	Ozark High	86%	91%	96%	90%	98%	88%	95%
SW-21	Greene	Willard High	53%	53%	76%	85%	80%	78%	60%
SW-22	Greene	Republic High	63%	62%	69%	72%	72%	87%	92%
SW-23	Taney	Branson High	68%	93%	97%	92%	96%	91%	92%
SW-24	Webster	Marshfield High	83%	57%	60%	72%	70%	75%	82%
SW-25	Polk	Bolivar High	65%	76%	76%	73%	78%	79%	89%
SW-26	Dallas	Buffalo High	70%	46%	58%	55%	37%	70%	78%
SW-27	Stone	Reeds Springs High	41%	79%	81%	78%	67%	66%	92%
SW-28	Greene	Logan-Rogersville High	76%	80%	85%	69%	80%	86%	77%
SW-29	Benton	Warsaw High	65%	73%	69%	80%	79%	78%	76%
ALL			70%	73%	74%	72%	76%	82%	83%
Hybrid School's									

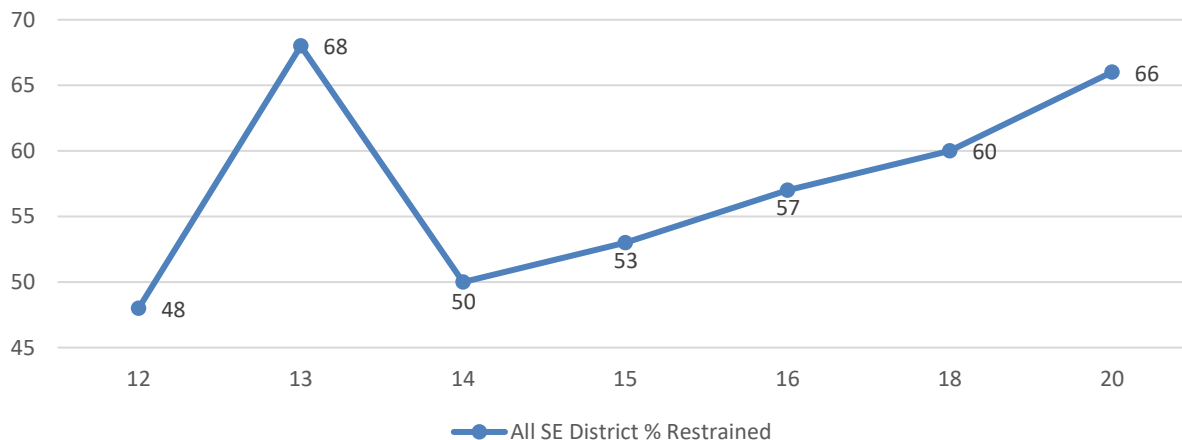


SW District High Schools
Teenage Drivers Only Safety Belt Use
Percentage of Change

Southwest District (SW)			Teenage Drivers					
Site #'s	County	High School Name (Sites 01 - 29)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
SW-01	Jasper	Joplin High	-4%	5%	-10%	7%	12%	-3%
SW-02	Jasper	Webb City High	1%	-8%	0%	7%	15%	-1%
SW-03	McDonald	McDonald County High	1%	4%	-13%	12%	4%	12%
SW-04	Newton	Neosho High	11%	-8%	-2%	9%	21%	-7%
SW-05	Jasper	Carthage Sr. High	-1%	-7%	-1%	6%	16%	-10%
SW-06	Vernon	Nevada High	37%	-14%	-16%	12%	30%	-5%
SW-07	Jasper	Carl Junction High	-17%	-2%	-1%	-4%	15%	11%
SW-08	Barry	Cassville High	1%	7%	-7%	2%	2%	6%
SW-09	Barry	Monett High	5%	-3%	-28%	22%	12%	-1%
SW-10	Newton	Seneca High	-7%	12%	6%	-22%	29%	-4%
SW-11	Lawrence	Aurora High	-5%	12%	-9%	16%	-9%	20%
SW-12	Bates	Butler High	-24%	-14%	2%	28%	-3%	-17%
SW-13	Newton	East Newton High	5%	11%	-9%	13%	-6%	22%
SW-14	Greene	Kickapoo High	6%	6%	-6%	0%	6%	-7%
SW-15	Greene	Glendale High	4%	-6%	9%	4%	1%	-18%
SW-16	Greene	Parkview High	11%	0%	8%	5%	4%	-12%
SW-17	Greene	Central	15%	3%	2%	7%	-9%	-5%
SW-18	Greene	Hillcrest High	7%	-22%	22%	-10%	7%	-2%
SW-19	Christian	Nixa High	10%	0%	5%	-8%	3%	6%
SW-20	Christian	Ozark High	5%	5%	-6%	8%	-10%	7%
SW-21	Greene	Willard High	0%	23%	9%	-5%	-2%	-18%
SW-22	Greene	Republic High	-1%	7%	3%	0%	15%	5%
SW-23	Taney	Branson High	25%	3%	-4%	4%	-5%	1%
SW-24	Webster	Marshfield High	-26%	3%	12%	-2%	5%	7%
SW-25	Polk	Bolivar High	11%	0%	-3%	5%	1%	10%
SW-26	Dallas	Buffalo High	-24%	12%	-3%	-18%	33%	8%
SW-27	Stone	Reeds Springs High	38%	2%	-3%	-11%	-1%	26%
SW-28	Greene	Logan-Rogersville High	4%	5%	-16%	11%	6%	-9%
SW-29	Benton	Warsaw High	8%	-4%	12%	-1%	-1%	-2%
ALL			3%	1%	-2%	4%	6%	1%
Highlighted school's percent of change is at or above 25 percent								
Hybrid School's								

SE District High Schools
Teenage Drivers' Only Safety Belt Use

Southeast District (SE)			Teenage Drivers						
Site #'s	County	High School Name (Sites 01 - 25)	% Restrained by Year						
			12	13	14	15	16	18	20
SE-01	Butler	Poplar Bluff High	45%	42%	45%	47%	59%	57%	58%
SE-02	Cape Girardeau	Central High	68%	75%	65%	73%	67%	71%	77%
SE-03	Cape Girardeau	Jackson Sr. High	74%	68%	67%	72%	75%	78%	74%
SE-04	St. Francois	Farmington Sr. High	38%	49%	49%	54%	54%	50%	78%
SE-05	St. Francois	North Co. Sr. High	52%	56%	53%	48%	53%	63%	85%
SE-06	Perry	Perryville Sr. High	46%	49%	49%	51%	52%	59%	55%
SE-07	Scott	Sikeston Sr. High	32%	31%	39%	35%	43%	46%	49%
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	48%	49%	50%	46%	50%	60%	79%
SE-09	Stoddard	Dexter High	38%	45%	42%	45%	56%	54%	54%
SE-10	Madison	Fredericktown High	48%	53%	47%	53%	56%	57%	68%
SE-11	New Madrid	Central High	52%	40%	29%	43%	53%	47%	57%
SE-12	St. Francois	Central High	45%	57%	52%	60%	55%	55%	83%
SE-13	Dunklin	Kennett High	23%	34%	42%	42%	40%	45%	50%
SE-14	Dunklin	Malden High	35%	39%	40%	47%	41%	46%	48%
SE-15	Bollinger	Woodland High	59%	60%	59%	60%	63%	70%	60%
SE-16	Pemiscot	Caruthersville High	31%	23%	33%	29%	47%	55%	45%
SE-17	Wayne	Greenville High	40%	23%	42%	46%	51%	50%	46%
SE-18	Douglas	Ava High	70%	48%	59%	64%	56%	76%	74%
SE-19	Howell	West Plains Sr. High	63%	64%	70%	70%	79%	70%	85%
SE-20	Howell	Liberty Sr. High	43%	42%	48%	60%	61%	53%	67%
SE-21	Ripley	Doniphan High	38%	42%	50%	56%	52%	57%	47%
SE-22	Texas	Licking High	41%	38%	38%	33%	55%	64%	61%
SE-23	Howell	Willow Springs High	44%	50%	53%	53%	57%	62%	78%
SE-24	Texas	Houston High	38%	49%	45%	56%	48%	57%	57%
SE-25	Carter	East Carter Co. R-11 High	46%	45%	31%	43%	52%	59%	69%
ALL			48%	68%	50%	53%	57%	60%	66%
Hybrid School's									

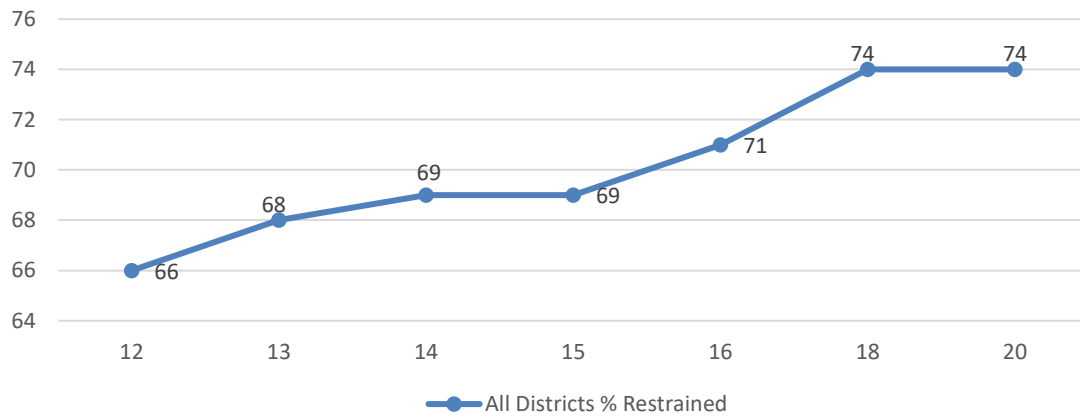


SE District High Schools
Teenage Drivers Only Safety Belt Use
Percentage of Change

Southeast District (SE)			Teenage Drivers					
Site #'s	County	High School Name (Sites 01 - 25)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
SE-01	Butler	Poplar Bluff High	-3%	3%	2%	12%	-2%	1%
SE-02	Cape Girardeau	Central High	7%	-10%	8%	-6%	4%	6%
SE-03	Cape Girardeau	Jackson Sr. High	-6%	-1%	5%	3%	3%	-4%
SE-04	St. Francois	Farmington Sr. High	11%	0%	5%	0%	-4%	28%
SE-05	St. Francois	North Co. Sr. High	4%	-3%	-5%	5%	10%	22%
SE-06	Perry	Perryville Sr. High	3%	0%	2%	1%	7%	-4%
SE-07	Scott	Sikeston Sr. High	-1%	8%	-4%	8%	3%	3%
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	1%	1%	-4%	4%	10%	19%
SE-09	Stoddard	Dexter High	7%	-3%	3%	11%	-2%	0%
SE-10	Madison	Fredericktown High	5%	-6%	6%	3%	1%	11%
SE-11	New Madrid	Central High	-12%	-11%	14%	10%	-6%	10%
SE-12	St. Francois	Central High	12%	-5%	8%	-5%	0%	28%
SE-13	Dunklin	Kennett High	11%	8%	0%	-2%	5%	5%
SE-14	Dunklin	Malden High	4%	1%	8%	-6%	5%	2%
SE-15	Bollinger	Woodland High	1%	-1%	1%	3%	7%	10%
SE-16	Pemiscot	Caruthersville High	-8%	10%	-4%	18%	8%	-10%
SE-17	Wayne	Greenville High	-17%	19%	4%	5%	-1%	-4%
SE-18	Douglas	Ava High	-22%	11%	5%	-8%	20%	-2%
SE-19	Howell	West Plains Sr. High	1%	6%	0%	9%	-9%	15%
SE-20	Howell	Liberty Sr. High	-1%	6%	12%	1%	-8%	14%
SE-21	Ripley	Doniphan High	4%	8%	6%	-4%	5%	-10%
SE-22	Texas	Licking High	-3%	0%	-5%	22%	9%	-4%
SE-23	Howell	Willow Springs High	6%	3%	0%	4%	5%	16%
SE-24	Texas	Houston High	11%	-4%	11%	-8%	9%	0%
SE-25	Carter	East Carter Co. R-11 High	-1%	-14%	12%	9%	7%	10%
ALL			-20%	-18%	3%	4%	3%	6%
Highlighted school's percent of change is at or above 25 percent								
Hybrid School's								

All District High Schools
Teenage Drivers Only Safety Belt Use

		Teenage Drivers						
		% Restrained by Year						
All Districts	All Schools	12	13	14	15	16	18	20
		66%	68%	69%	69%	71%	74%	74%



All District High Schools
Percentage of Change

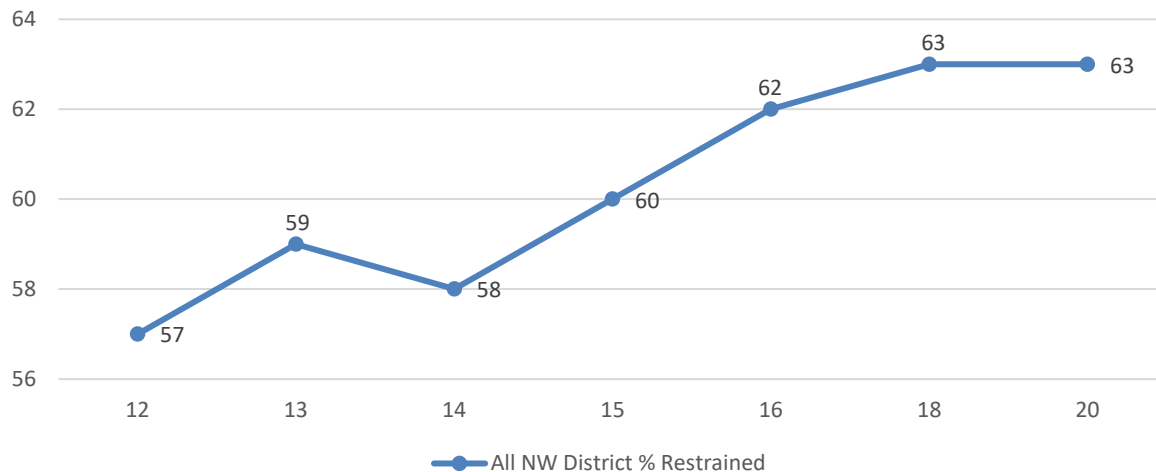
		Teenage Drivers					
		% of Change by Year					
All Districts	All Schools	12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
		2%	1%	0%	2%	3%	0%

Attachment D

High School by MoDOT District
Teenage Drivers & Teenage Passengers Combined

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						
			12	13	14	15	16	18	20
NW-01	Buchanan	Central High	67%	75%	57%	82%	76%	59%	75%
NW-02	Buchanan	Benton High	66%	60%	55%	61%	58%	63%	53%
NW-03	Buchanan	Lafayette High	45%	52%	56%	44%	59%	47%	71%
NW-04	Andrew	Savannah High	67%	73%	64%	71%	75%	60%	93%
NW-05	Nodaway	Maryville High	84%	69%	73%	59%	77%	69%	75%
NW-06	Clinton	Cameron High	60%	71%	65%	61%	65%	69%	71%
NW-07	Harrison	South Harrison High	48%	45%	56%	42%	55%	62%	45%
NW-08	Buchanan	Mid-Buchanan Sr. High	68%	83%	85%	85%	81%	79%	53%
NW-09	DeKalb	Maysville Jr.-Sr. High	50%	32%	30%	44%	43%	51%	38%
NW-10	Daviess	Gallatin High	60%	56%	45%	53%	40%	47%	60%
NW-11	Clinton	Lathrop High	62%	56%	59%	59%	60%	63%	56%
NW-12	Clinton	Plattsburg High	66%	65%	49%	72%	62%	58%	47%
NW-13	Caldwell	Penney High	54%	58%	56%	63%	51%	69%	60%
NW-14	Livingston	Chillicothe High	60%	59%	61%	59%	62%	68%	63%
NW-15	Grundy	Trenton Sr. High	40%	62%	60%	64%	60%	58%	65%
NW-16	Linn	Brookfield High	51%	58%	62%	66%	59%	67%	60%
NW-17	Chariton	Salisbury High	31%	29%	34%	46%	52%	63%	43%
NW-18	Sullivan	Milan High	28%	39%	28%	43%	60%	46%	86%
NW-19	Carroll	Senior High	46%	33%	44%	59%	59%	55%	60%
NW-20	Putnam	Putnam Co. High	39%	42%	51%	53%	40%	48%	72%
NW-21	Linn	Marceline High	49%	39%	56%	50%	57%	65%	65%
ALL			57%	59%	58%	60%	62%	63%	63%
Hybrid School's									

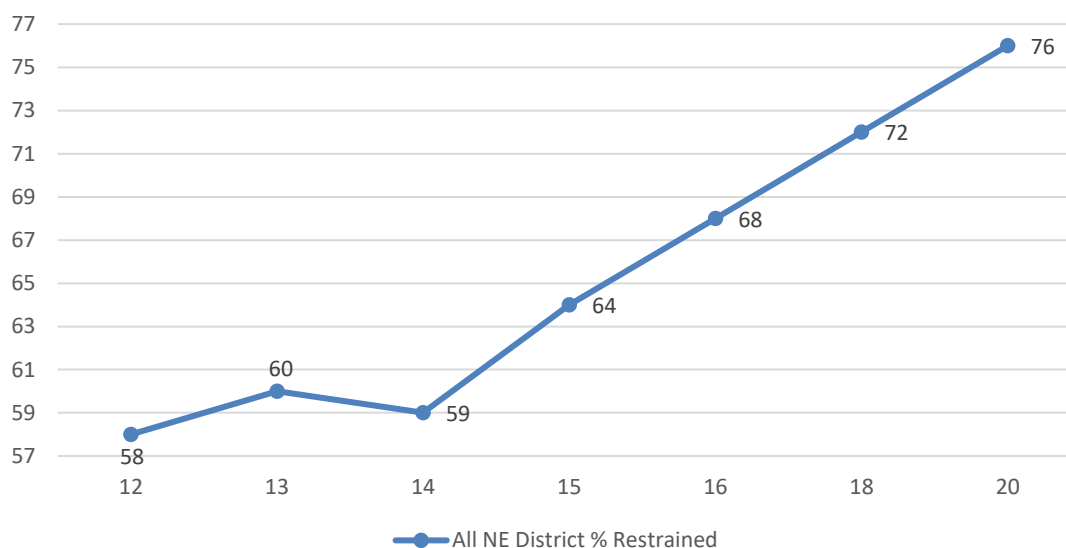


NW District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

Northwest District (NW)			Teenage Drivers & Teenage Passengers					
Site #'s	County	High School Name (Sites 01 - 21)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
NW-01	Buchanan	Central High	8%	-18%	25%	-6%	-17%	21%
NW-02	Buchanan	Benton High	-6%	-5%	6%	-3%	5%	-10%
NW-03	Buchanan	Lafayette High	7%	4%	-12%	15%	-12%	24%
NW-04	Andrew	Savannah High	6%	-9%	7%	4%	-15%	33%
NW-05	Nodaway	Maryville High	-15%	4%	-14%	18%	-8%	6%
NW-06	Clinton	Cameron High	11%	-6%	-4%	4%	4%	2%
NW-07	Harrison	South Harrison High	-3%	11%	-14%	13%	7%	-17%
NW-08	Buchanan	Mid-Buchanan Sr. High	15%	2%	0%	-4%	-2%	-26%
NW-09	DeKalb	Maysville Jr.-Sr. High	-18%	-2%	14%	-1%	8%	-13%
NW-10	Daviess	Gallatin High	-4%	-11%	8%	-13%	7%	13%
NW-11	Clinton	Lathrop High	-6%	3%	0%	1%	3%	-7%
NW-12	Clinton	Plattsburg High	-1%	-17%	24%	-10%	-4%	-11%
NW-13	Caldwell	Penney High	4%	-2%	7%	-12%	18%	-9%
NW-14	Livingston	Chillicothe High	-1%	2%	-2%	3%	6%	-5%
NW-15	Grundy	Trenton Sr. High	22%	-2%	4%	-4%	-2%	7%
NW-16	Linn	Brookfield High	7%	4%	4%	-7%	8%	-7%
NW-17	Chariton	Salisbury High	-2%	5%	12%	6%	11%	-20%
NW-18	Sullivan	Milan High	11%	-11%	15%	17%	-14%	40%
NW-19	Carroll	Senior High	-13%	11%	15%	0%	-4%	5%
NW-20	Putnam	Putnam Co. High	3%	9%	3%	-13%	8%	24%
NW-21	Linn	Marceline High	-10%	17%	-6%	7%	8%	0%
ALL			2%	-2%	3%	2%	1%	0%
Highlighted school's percent of change is at or above 25 percent								
Hybrid School's								

NE District High Schools
Teenage Drivers & Teenage Passengers Combined

Northeast District (NE)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 13)	% Restrained by Year						
			12	13	14	15	16	18	20
NE-01	Lincoln	Troy Buchanan High	72%	70%	71%	72%	79%	82%	75%
NE-02	Marion	Hannibal Sr. High	50%	63%	60%	72%	67%	76%	88%
NE-03	Warren	Warren Co. Sr. High	76%	75%	76%	78%	78%	73%	90%
NE-04	Audrain	Mexico High	43%	50%	42%	41%	43%	71%	64%
NE-05	Lincoln	Winfield High	73%	48%	62%	57%	75%	82%	V
NE-06	Pike	Bowling Green High	43%	54%	51%	61%	72%	73%	61%
NE-07	Lewis	Highland Jr.-Sr. High	49%	76%	62%	78%	78%	77%	88%
NE-08	Montgomery	Montgomery Co. High	64%	43%	60%	59%	77%	79%	74%
NE-09	Clark	Clark Co. High	52%	54%	49%	52%	65%	63%	75%
NE-10	Adair	Kirksville Sr. High	63%	55%	58%	72%	71%	60%	88%
NE-11	Randolph	Moberly Sr. High	60%	64%	62%	63%	64%	77%	68%
NE-12	Macon	Macon Sr. High	48%	59%	57%	61%	58%	61%	81%
NE-13	Randolph	Westran High	29%	48%	53%	36%	49%	45%	63%
ALL			58%	60%	59%	64%	68%	72%	76%
V = School being held virtually									

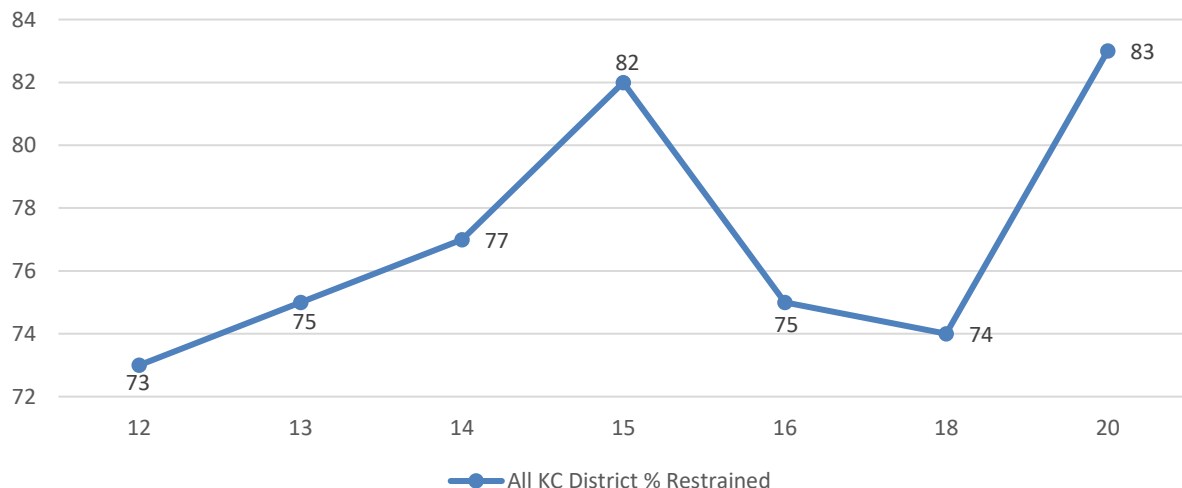


NE District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

Northeast District (NE)			Teenage Drivers & Teenage Passengers					
Site #'s	County	High School Name (Sites 01 - 13)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
NE-01	Lincoln	Troy Buchanan High	-2%	1%	1%	7%	3%	-7%
NE-02	Marion	Hannibal Sr. High	13%	-4%	13%	-5%	9%	12%
NE-03	Warren	Warren Co. Sr. High	-1%	1%	2%	0%	-5%	17%
NE-04	Audrain	Mexico High	7%	-8%	-1%	2%	28%	-7%
NE-05	Lincoln	Winfield High	-25%	14%	-5%	18%	7%	V
NE-06	Pike	Bowling Green High	11%	-4%	11%	11%	1%	-12%
NE-07	Lewis	Highland Jr.-Sr. High	27%	-14%	16%	0%	-1%	11%
NE-08	Montgomery	Montgomery Co. High	-21%	17%	-1%	18%	2%	-5%
NE-09	Clark	Clark Co. High	2%	-5%	3%	13%	-2%	12%
NE-10	Adair	Kirksville Sr. High	-8%	3%	14%	-1%	-11%	28%
NE-11	Randolph	Moberly Sr. High	4%	-2%	1%	1%	13%	-9%
NE-12	Macon	Macon Sr. High	11%	-2%	4%	-3%	3%	20%
NE-13	Randolph	Westran High	19%	5%	-17%	13%	-4%	18%
		ALL	2%	-1%	5%	4%	4%	4%
Highlighted schools' percent of change is at or above 25 percent								
V = School being held virtually								

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 - 22)	% Restrained by Year						
			12	13	14	15	16	18	20
KC-01	Jackson	Lee's Summit Sr. High	71%	70%	66%	85%	86%	86%	88%
KC-02	Jackson	Lee's Summit North High	91%	81%	93%	92%	86%	87%	80%
KC-03	Clay	Oak Park High	79%	71%	75%	0%	61%	62%	81%
KC-04	Jackson	Truman High	53%	83%	74%	0%	62%	62%	69%
KC-05	Jackson	Blue Springs High	62%	79%	83%	81%	87%	84%	80%
KC-06	Clay	Winnetonka High	84%	86%	85%	0%	52%	54%	94%
KC-07	Clay	North Kansas City High	78%	80%	76%	87%	89%	54%	94%
KC-08	Jackson	William Chrisman High	45%	65%	66%	0%	52%	72%	88%
KC-09	Clay	Liberty High	88%	83%	88%	80%	93%	57%	91%
KC-10	Jackson	Fort Osage High	73%	76%	83%	0%	54%	68%	80%
KC-11	Platte	Park Hill High	83%	81%	76%	80%	79%	67%	87%
KC-12	Platte	Park Hill South High	93%	91%	86%	82%	87%	68%	89%
KC-13	Jackson	Raytown Sr. High	48%	56%	85%	0%	54%	57%	V
KC-14	Cass	Raymore-Peculiar Sr. High	74%	71%	66%	0%	62%	73%	85%
KC-15	Cass	Belton High	83%	86%	78%	0%	63%	80%	71%
KC-16	Jackson	Blue Springs South High	68%	79%	81%	76%	71%	90%	88%
KC-17	Jackson	Raytown South Sr. High	62%	67%	73%	0%	42%	71%	V
KC-18	Jackson	Grandview Sr. High	73%	56%	62%	0%	58%	78%	V
KC-19	Jackson	Ruskin High School	69%	52%	63%	0%	37%	67%	V
KC-20	Johnson	Warrensburg High	81%	78%	84%	86%	87%	89%	78%
KC-21	Saline	Marshall Sr. High	52%	53%	64%	61%	69%	70%	73%
KC-22	Pettis	Smith-Cotton High	73%	69%	78%	75%	84%	77%	73%
ALL			73%	75%	77%	82%	75%	74%	83%
Data was not collected accurately in 2015 and was not used for highlighted schools									
V = School's being held virtually									
Hybrid School's									

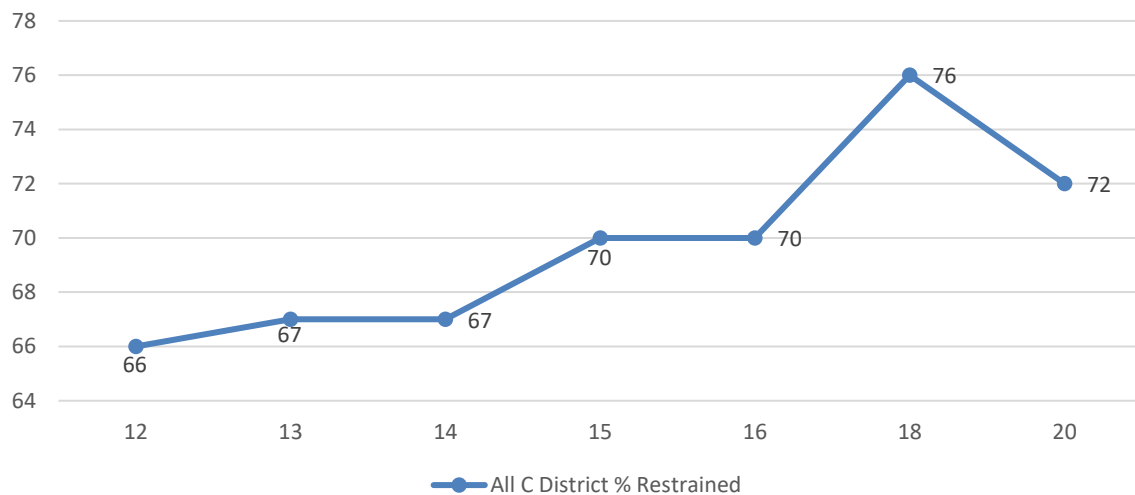


KC District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

Kansas City District (KC)			Teenage Drivers & Teenage Passengers					
Site #'s	County	High School Name (Sites 01 - 22)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
KC-01	Jackson	Lee's Summit Sr. High	-1%	-4%	19%	1%	0%	2%
KC-02	Jackson	Lee's Summit North High	-10%	12%	-1%	-6%	1%	-7%
KC-03	Clay	Oak Park High	-8%	4%	-75%	61%	1%	19%
KC-04	Jackson	Truman High	30%	-9%	-74%	62%	0%	7%
KC-05	Jackson	Blue Springs High	17%	4%	-2%	6%	-3%	-4%
KC-06	Clay	Winnetonka High	2%	-1%	-85%	52%	2%	40%
KC-07	Clay	North Kansas City High	2%	-4%	11%	2%	-35%	40%
KC-08	Jackson	William Chrisman High	20%	1%	-66%	52%	20%	16%
KC-09	Clay	Liberty High	-5%	5%	-8%	13%	-36%	34%
KC-10	Jackson	Fort Osage High	3%	7%	-83%	54%	14%	12%
KC-11	Platte	Park Hill High	-2%	-5%	4%	-1%	-12%	20%
KC-12	Platte	Park Hill South High	-2%	-5%	-4%	5%	-19%	21%
KC-13	Jackson	Raytown Sr. High	8%	29%	-85%	54%	3%	V
KC-14	Cass	Raymore-Peculiar Sr. High	-3%	-5%	-66%	62%	11%	12%
KC-15	Cass	Belton High	3%	-8%	-78%	63%	17%	-9%
KC-16	Jackson	Blue Springs South High	11%	2%	-5%	-5%	19%	-2%
KC-17	Jackson	Raytown South Sr. High	5%	6%	-73%	42%	29%	V
KC-18	Jackson	Grandview Sr. High	-17%	6%	-62%	58%	20%	V
KC-19	Jackson	Ruskin High School	-17%	11%	-63%	37%	30%	V
KC-20	Johnson	Warrensburg High	-3%	6%	2%	1%	2%	-11%
KC-21	Saline	Marshall Sr. High	1%	11%	-3%	8%	1%	3%
KC-22	Pettis	Smith-Cotton High	-4%	9%	-3%	9%	-7%	-4%
ALL			2%	2%	5%	-7%	-1%	9%
Data was not collected accurately in 2015 and was not used for highlighted schools								
Highlighted school's percent of change is at or above 25 percent								
V = School's being held virtually								
Hybrid School's								

C District High Schools
Teenage Drivers & Teenage Passengers Combined

Central District (C)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 19)	% Restrained by Year						
			12	13	14	15	16	18	20
C-01	Boone	Columbia-Hickman High	63%	69%	69%	71%	66%	88%	V
C-02	Cole	Jefferson City High	79%	75%	77%	76%	74%	77%	81%
C-03	Boone	Rock Bridge Sr. High	82%	71%	79%	82%	72%	93%	V
C-04	Camden	Camdenton High	69%	69%	67%	76%	72%	82%	83%
C-05	Callaway	Fulton Sr. High	60%	63%	59%	58%	58%	72%	80%
C-06	Miller	Eldon High	61%	58%	53%	58%	55%	64%	68%
C-07	Gasconade	Owensville High	69%	77%	70%	63%	83%	71%	51%
C-08	Morgan	Morgan Co. High	49%	53%	52%	53%	60%	58%	73%
C-09	Cooper	Boonville High	66%	65%	69%	78%	77%	75%	72%
C-10	Miller	Osage High	65%	70%	74%	72%	65%	80%	79%
C-11	Osage	Fatima High	65%	75%	63%	69%	77%	84%	71%
C-12	Moniteau	California High	49%	47%	48%	53%	43%	67%	60%
C-13	Callaway	North Callaway High	60%	62%	45%	60%	66%	75%	71%
C-14	Laclede	Lebanon Sr. High	82%	51%	63%	71%	64%	70%	74%
C-15	Phelps	Rolla Sr. High	83%	90%	85%	88%	87%	84%	82%
C-16	Washington	Potosi High	40%	43%	59%	45%	51%	80%	71%
C-17	Phelps	St. James High	71%	82%	84%	81%	77%	66%	73%
C-18	Dent	Salem Sr. High	62%	62%	64%	62%	69%	66%	71%
C-19	Crawford	Cuba High	66%	82%	70%	78%	76%	74%	70%
ALL			66%	67%	67%	70%	70%	76%	72%
V = School's being held virtually									



C District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

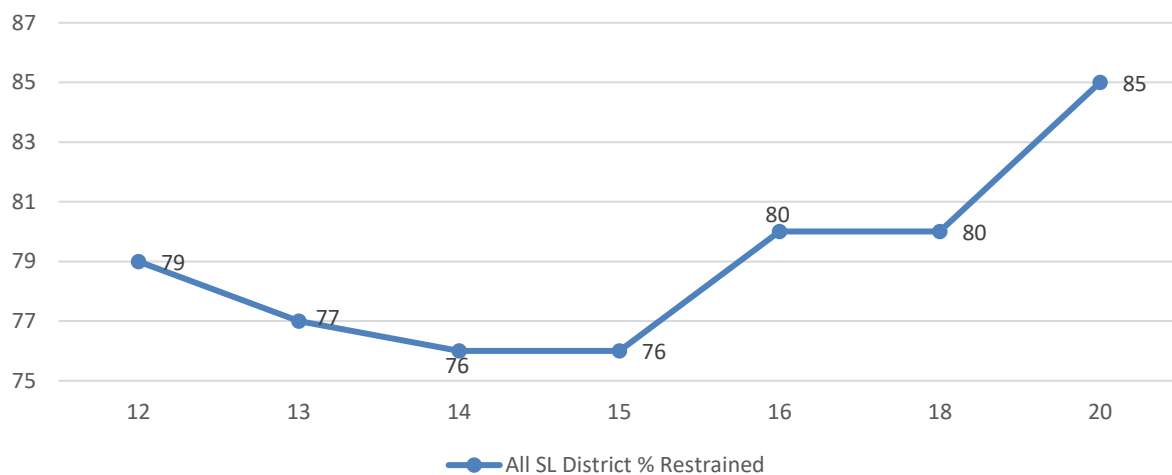
Central District (C)			Teenage Drivers & Teenage Passengers					
Site #'s	County	High School Name (Sites 01 - 19)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
C-01	Boone	Columbia-Hickman High	6%	0%	2%	-5%	22%	V
C-02	Cole	Jefferson City High	-4%	2%	-1%	-2%	3%	4%
C-03	Boone	Rock Bridge Sr. High	-11%	8%	3%	-10%	21%	V
C-04	Camden	Camdenton High	0%	-2%	9%	-4%	10%	1%
C-05	Callaway	Fulton Sr. High	3%	-4%	-1%	0%	14%	8%
C-06	Miller	Eldon High	-3%	-5%	5%	-3%	9%	4%
C-07	Gasconade	Owensville High	8%	-7%	-7%	20%	-12%	-20%
C-08	Morgan	Morgan Co. High	4%	-1%	1%	7%	-2%	15%
C-09	Cooper	Boonville High	-1%	4%	9%	-1%	-2%	-3%
C-10	Miller	Osage High	5%	4%	-2%	-7%	15%	-1%
C-11	Osage	Fatima High	10%	-12%	6%	8%	7%	-13%
C-12	Moniteau	California High	-2%	1%	5%	-10%	24%	-7%
C-13	Callaway	North Callaway High	2%	-17%	15%	6%	9%	-4%
C-14	Laclede	Lebanon Sr. High	-31%	12%	8%	-7%	6%	4%
C-15	Phelps	Rolla Sr. High	7%	-5%	3%	-1%	-3%	-2%
C-16	Washington	Potosi High	3%	16%	-14%	6%	29%	-9%
C-17	Phelps	St. James High	11%	2%	-2%	-4%	-11%	7%
C-18	Dent	Salem Sr. High	0%	2%	-2%	7%	-3%	5%
C-19	Crawford	Cuba High	16%	-12%	8%	-2%	-2%	-4%
ALL			1%	0%	3%	0%	6%	-4%

Highlighted schools' percent of change is at or above 25 percent

V = School's being held virtually

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 - 21)	% Restrained by Year						
			12	13	14	15	16	18	20
SL-01	St. Louis	Hazelwood West High	66%	77%	69%	78%	74%	67%	V
SL-02	St. Louis	Hazelwood Central High	58%	54%	50%	64%	53%	62%	V
SL-03	Jefferson	Northwest High	73%	73%	74%	78%	77%	87%	85%
SL-04	St. Charles	Francis Howell Central	97%	76%	75%	72%	79%	80%	82%
SL-05	St. Charles	Ft. Zumwalt South High	79%	69%	72%	86%	81%	78%	85%
SL-06	St. Louis	Oakville Sr. High	80%	88%	80%	81%	82%	90%	V
SL-07	St. Charles	West High	91%	64%	78%	82%	84%	79%	95%
SL-08	St. Louis	Marquette Sr. High	95%	84%	87%	86%	97%	94%	V
SL-09	St. Louis	South High	94%	80%	68%	85%	83%	78%	V
SL-10	St. Louis	Lafayette Sr. High	87%	87%	84%	86%	93%	90%	V
SL-11	St. Charles	Francis Howell North High	83%	86%	82%	86%	80%	73%	82%
SL-12	St. Louis	Pattonville Sr. High	74%	82%	77%	86%	83%	81%	V
SL-13	St. Louis	Mehlville Sr. High	75%	77%	69%	79%	73%	83%	V
SL-14	St. Louis City	Roosevelt High	81%	13%	0%	57%	76%	64%	V
SL-15	St. Louis	Riverview Gardens Sr.	67%	47%	75%	63%	75%	59%	V
SL-16	St. Louis	Hazelwood East High	44%	50%	41%	79%	59%	51%	V
SL-17	St. Louis	Lindbergh Sr. High	87%	85%	89%	85%	85%	84%	V
SL-18	Jefferson	Fox Sr. High	69%	71%	77%	65%	79%	84%	77%
SL-19	St. Louis	McCluer High	43%	61%	63%	88%	62%	64%	V
SL-20	St. Louis	Kirkwood Sr. High	81%	88%	90%	71%	89%	91%	V
SL-21	St. Louis	Ritenour Sr. High	87%	75%	68%	80%	73%	67%	V
ALL			79%	77%	76%	76%	80%	80%	85%
V = School's being held virtually									
Hybrid School									

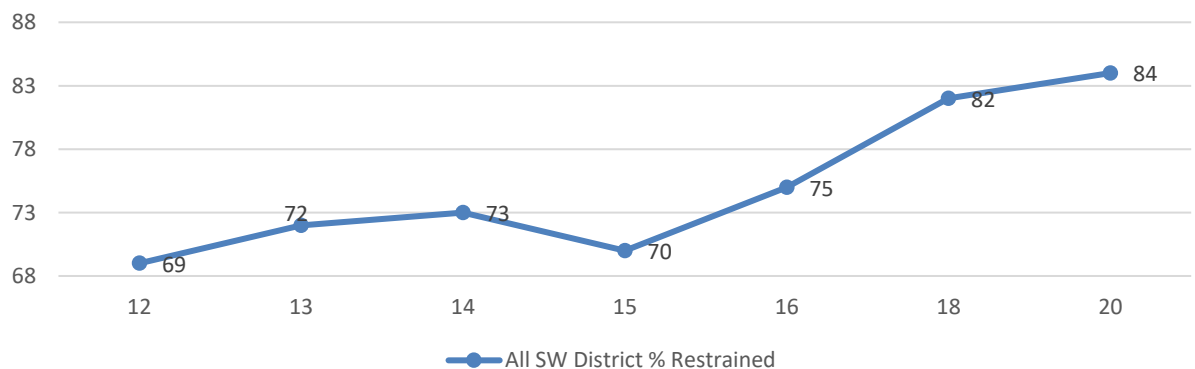


SL District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

St. Louis District (SL)			Teenage Drivers & Teenage Passengers					
Site #'s	County	High School Name (Sites 01 - 21)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
SL-01	St. Louis	Hazelwood West High	11%	-8%	9%	-4%	-7%	V
SL-02	St. Louis	Hazelwood Central High	-4%	-4%	14%	-11%	9%	V
SL-03	Jefferson	Northwest High	0%	1%	4%	-1%	10%	-2%
SL-04	St. Charles	Francis Howell Central	-21%	-1%	-3%	7%	1%	2%
SL-05	St. Charles	Ft. Zumwalt South High	-10%	3%	14%	-5%	-3%	7%
SL-06	St. Louis	Oakville Sr. High	8%	-8%	1%	1%	8%	V
SL-07	St. Charles	West High	-27%	14%	4%	2%	-5%	16%
SL-08	St. Louis	Marquette Sr. High	-11%	3%	-1%	11%	-3%	V
SL-09	St. Louis	South High	-14%	-12%	17%	-2%	-5%	V
SL-10	St. Louis	Lafayette Sr. High	0%	-3%	2%	7%	-3%	V
SL-11	St. Charles	Francis Howell North High	3%	-4%	4%	-6%	-7%	9%
SL-12	St. Louis	Pattonville Sr. High	8%	-5%	9%	-3%	-2%	V
SL-13	St. Louis	Mehlville Sr. High	2%	-8%	10%	-6%	10%	V
SL-14	St. Louis City	Roosevelt High	-68%	-13%	57%	19%	-12%	V
SL-15	St. Louis	Riverview Gardens Sr.	-20%	28%	-12%	12%	-16%	V
SL-16	St. Louis	Hazelwood East High	6%	-9%	38%	-20%	-8%	V
SL-17	St. Louis	Lindbergh Sr. High	-2%	4%	-4%	0%	-1%	V
SL-18	Jefferson	Fox Sr. High	2%	6%	-12%	14%	5%	-7%
SL-19	St. Louis	McCluer High	18%	2%	25%	-26%	2%	V
SL-20	St. Louis	Kirkwood Sr. High	7%	2%	-19%	18%	2%	V
SL-21	St. Louis	Ritenour Sr. High	-12%	-7%	12%	-7%	-6%	V
ALL			-2%	-1%	0%	4%	0%	5%
Highlighted schools' percent of change is at or above 25 percent								
V = School's being held virtually								
Hybrid School								

SW District High Schools
Teenage Drivers & Teenage Passengers Combined

Southwest District (SW)			Teenage Drivers & Teenage Passengers						
Site #'s	County	High School Name (Sites 01 - 29)	% Restrained by Year						
			12	13	14	15	16	18	20
SW-01	Jasper	Joplin High	79%	74%	79%	74%	78%	91%	90%
SW-02	Jasper	Webb City High	76%	70%	61%	64%	69%	83%	84%
SW-03	McDonald	McDonald County High	65%	71%	74%	60%	74%	75%	88%
SW-04	Newton	Neosho High	54%	69%	56%	56%	67%	86%	82%
SW-05	Jasper	Carthage Sr. High	77%	77%	73%	74%	80%	95%	87%
SW-06	Vernon	Nevada High	31%	71%	55%	40%	52%	83%	81%
SW-07	Jasper	Carl Junction High	88%	72%	70%	68%	64%	83%	92%
SW-08	Barry	Cassville High	68%	72%	77%	69%	71%	77%	77%
SW-09	Barry	Monett High	69%	79%	72%	46%	67%	82%	83%
SW-10	Newton	Seneca High	60%	59%	67%	73%	60%	80%	68%
SW-11	Lawrence	Aurora High	49%	52%	58%	58%	60%	61%	81%
SW-12	Bates	Butler High	78%	59%	61%	50%	75%	72%	51%
SW-13	Newton	East Newton High	50%	59%	73%	58%	73%	73%	84%
SW-14	Greene	Kickapoo High	77%	85%	86%	81%	84%	90%	83%
SW-15	Greene	Glendale High	78%	82%	77%	84%	89%	90%	78%
SW-16	Greene	Parkview High	60%	65%	66%	77%	85%	90%	80%
SW-17	Greene	Central High	59%	71%	69%	69%	81%	71%	76%
SW-18	Greene	Hillcrest High	72%	69%	52%	72%	65%	75%	84%
SW-19	Christian	Nixa High	70%	84%	84%	84%	86%	89%	94%
SW-20	Christian	Ozark High	85%	89%	87%	80%	93%	91%	92%
SW-21	Greene	Willard	54%	84%	73%	78%	82%	78%	65%
SW-22	Greene	Republic High	68%	60%	66%	68%	70%	82%	92%
SW-23	Taney	Branson High	63%	87%	91%	83%	95%	91%	92%
SW-24	Webster	Marshfield High	82%	56%	58%	64%	61%	71%	77%
SW-25	Polk	Bolivar High	73%	69%	70%	63%	70%	72%	87%
SW-26	Dallas	Buffalo High	60%	48%	53%	51%	37%	66%	71%
SW-27	Stone	Reeds Spring High	35%	74%	80%	75%	64%	69%	91%
SW-28	Greene	Logan-Rogersville High	76%	81%	81%	70%	77%	86%	71%
SW-29	Benton	Warsaw High	66%	70%	69%	77%	78%	69%	77%
ALL			69%	72%	73%	70%	75%	82%	84%
Hybrid School's									

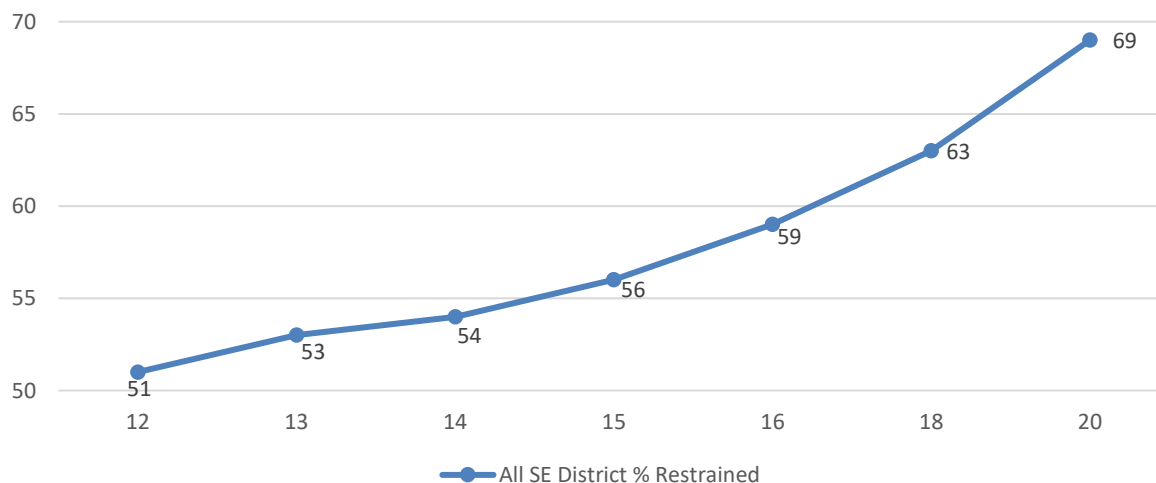


SL District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

Southwest District (SW)			Teenage Drivers & Teenage Passengers					
Site #'s	County	High School Name (Sites 01 - 29)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
SW-01	Jasper	Joplin High	-5%	5%	-5%	4%	13%	-1%
SW-02	Jasper	Webb City High	-6%	-10%	4%	5%	14%	1%
SW-03	McDonald	McDonald County High	6%	3%	-14%	14%	1%	13%
SW-04	Newton	Neosho High	15%	-13%	0%	11%	19%	-4%
SW-05	Jasper	Carthage Sr. High	0%	-4%	1%	6%	15%	-8%
SW-06	Vernon	Nevada High	40%	-16%	-15%	12%	31%	-2%
SW-07	Jasper	Carl Junction High	-16%	-2%	-2%	-4%	19%	9%
SW-08	Barry	Cassville High	4%	5%	-8%	2%	6%	0%
SW-09	Barry	Monett High	10%	-7%	-26%	21%	15%	1%
SW-10	Newton	Seneca High	-1%	8%	6%	-13%	20%	-12%
SW-11	Lawrence	Aurora High	3%	6%	0%	2%	1%	20%
SW-12	Bates	Butler High	-19%	2%	-11%	25%	-3%	-21%
SW-13	Newton	East Newton High	9%	14%	-15%	15%	0%	11%
SW-14	Greene	Kickapoo High	8%	1%	-5%	3%	6%	-7%
SW-15	Greene	Glendale High	4%	-5%	7%	5%	1%	-12%
SW-16	Greene	Parkview High	5%	1%	11%	8%	5%	-10%
SW-17	Greene	Central High	12%	-2%	0%	12%	-10%	5%
SW-18	Greene	Hillcrest High	-3%	-17%	20%	-7%	10%	9%
SW-19	Christian	Nixa High	14%	0%	0%	2%	3%	5%
SW-20	Christian	Ozark High	4%	-2%	-7%	13%	-2%	1%
SW-21	Greene	Willard	30%	-11%	5%	4%	-4%	-13%
SW-22	Greene	Republic High	-8%	6%	3%	2%	12%	10%
SW-23	Taney	Branson High	24%	4%	-8%	12%	-4%	1%
SW-24	Webster	Marshfield High	-26%	2%	6%	-3%	10%	6%
SW-25	Polk	Bolivar High	-4%	1%	-7%	7%	2%	15%
SW-26	Dallas	Buffalo High	-12%	5%	-2%	-14%	29%	5%
SW-27	Stone	Reeds Spring High	39%	6%	-5%	-11%	5%	22%
SW-28	Greene	Logan-Rogersville High	5%	0%	-11%	7%	9%	-15%
SW-29	Benton	Warsaw High	4%	-1%	8%	1%	-9%	8%
ALL			3%	1%	-3%	5%	7%	2%
Highlighted schools' percent of change is at or above 25 percent								
Hybrid School's								

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						
			12	13	14	15	16	18	20
SE-01	Butler	Poplar Bluff High	51%	52%	54%	52%	63%	60%	67%
SE-02	Cape Girardeau	Central High	74%	77%	72%	76%	72%	78%	80%
SE-03	Cape Girardeau	Jackson Sr. High	76%	71%	74%	76%	79%	80%	79%
SE-04	St. Francois	Farmington Sr. High	46%	57%	58%	64%	59%	65%	76%
SE-05	St. Francois	North Co. Sr. High	53%	63%	60%	53%	59%	64%	86%
SE-06	Perry	Perryville Sr. High	52%	54%	54%	57%	66%	70%	64%
SE-07	Scott	Sikeston Sr. High	35%	35%	38%	43%	45%	53%	56%
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	49%	51%	52%	52%	54%	63%	83%
SE-09	Stoddard	Dexter High	49%	54%	53%	52%	63%	59%	66%
SE-10	Madison	Fredericktown High	54%	58%	53%	60%	63%	61%	68%
SE-11	New Madrid	Central High	55%	48%	46%	44%	54%	51%	61%
SE-12	St. Francois	Central High	55%	60%	55%	62%	59%	63%	84%
SE-13	Dunklin	Kennett High	24%	36%	48%	46%	45%	50%	56%
SE-14	Dunklin	Malden High	34%	49%	42%	48%	46%	51%	55%
SE-15	Bollinger	Woodland High	61%	65%	64%	61%	69%	77%	67%
SE-16	Pemiscot	Caruthersville High	37%	36%	41%	35%	46%	46%	59%
SE-17	Wayne	Greenville High	49%	39%	46%	48%	45%	54%	59%
SE-18	Douglas	Ava High	78%	41%	57%	58%	48%	69%	72%
SE-19	Howell	West Plains Sr. High	60%	62%	71%	66%	78%	69%	84%
SE-20	Howell	Liberty Sr. High	41%	38%	52%	54%	58%	51%	67%
SE-21	Ripley	Doniphan High	42%	51%	55%	56%	52%	59%	56%
SE-22	Texas	Licking High	33%	28%	32%	38%	45%	55%	65%
SE-23	Howell	Willow Springs High	40%	50%	53%	51%	54%	63%	75%
SE-24	Texas	Houston High	34%	42%	41%	58%	49%	70%	60%
SE-25	Carter	East Carter Co. R-II High	50%	46%	39%	49%	42%	58%	70%
ALL			51%	53%	54%	56%	59%	63%	69%
Hybrid School's									

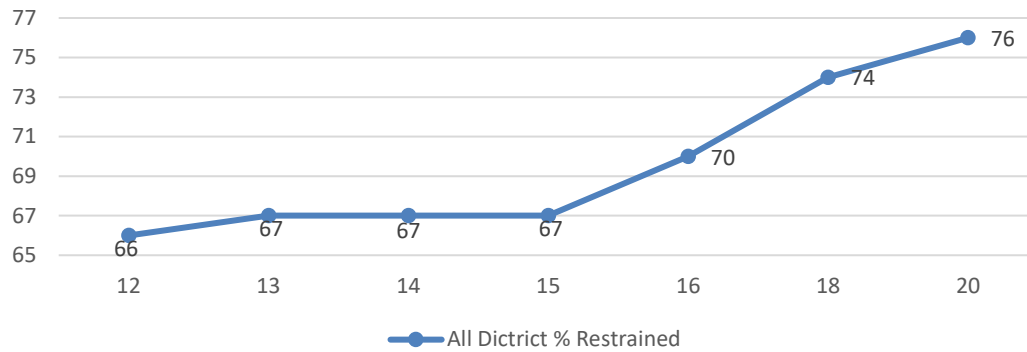


SE District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

Southeast District (SE)			Teenage Drivers & Teenage Passengers					
Site #'s	County	High School Name (Sites 01- 25)	% of Change by Year					
			12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
SE-01	Butler	Poplar Bluff High	1%	2%	-2%	11%	-3%	7%
SE-02	Cape Girardeau	Central High	3%	-5%	4%	-4%	6%	2%
SE-03	Cape Girardeau	Jackson Sr. High	-5%	3%	2%	3%	1%	-1%
SE-04	St. Francois	Farmington Sr. High	11%	1%	6%	-5%	6%	11%
SE-05	St. Francois	North Co. Sr. High	10%	-3%	-7%	6%	5%	22%
SE-06	Perry	Perryville Sr. High	2%	0%	3%	9%	4%	-6%
SE-07	Scott	Sikeston Sr. High	0%	3%	5%	2%	8%	3%
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	2%	1%	0%	2%	9%	20%
SE-09	Stoddard	Dexter High	5%	-1%	-1%	11%	-4%	7%
SE-10	Madison	Fredericktown High	4%	-5%	7%	3%	-2%	7%
SE-11	New Madrid	Central High	-7%	-2%	-2%	10%	-3%	10%
SE-12	St. Francois	Central High	5%	-5%	7%	-3%	4%	21%
SE-13	Dunklin	Kennett High	12%	12%	-2%	-1%	5%	6%
SE-14	Dunklin	Malden High	15%	-7%	6%	-2%	5%	4%
SE-15	Bollinger	Woodland High	4%	-1%	-3%	8%	8%	-10%
SE-16	Pemiscot	Caruthersville High	-1%	5%	-6%	11%	0%	13%
SE-17	Wayne	Greenville High	-10%	7%	3%	-3%	9%	5%
SE-18	Douglas	Ava High	-37%	16%	1%	-10%	21%	4%
SE-19	Howell	West Plains Sr. High	2%	9%	-5%	12%	-9%	15%
SE-20	Howell	Liberty Sr. High	-3%	14%	2%	4%	-7%	16%
SE-21	Ripley	Doniphan High	9%	4%	1%	-4%	7%	-3%
SE-22	Texas	Licking High	-5%	4%	7%	7%	10%	10%
SE-23	Howell	Willow Springs High	10%	3%	-2%	3%	9%	12%
SE-24	Texas	Houston High	8%	-1%	17%	-9%	21%	-10%
SE-25	Carter	East Carter Co. R-II High	-4%	-7%	10%	-7%	16%	12%
ALL			2%	1%	2%	3%	4%	6%
Highlighted schools' percent of change is at or above 25 percent								
Hybrid School's								

All District High Schools
Teenage Drivers & Teenage Passengers Combined

		Teenage Drivers & Teenage Passengers						
		% Restrained by Year						
All Districts	All Schools	12	13	14	15	16	18	20
		66%	67%	67%	67%	70%	74%	76%



All District High Schools
Teenage Drivers & Teenage Passengers Combined
Percentage of Change

		Teenage Drivers & Teenage Passengers					
		% of Change by Year					
All Districts	All Schools	12 to 13	13 to 14	14 to 15	15 to 16	16 to 18	18 to 20
		1%	0%	0%	3%	4%	2%

Attachment E

High School by MoDOT District
Hybrid and Virtual Schools List-2020

School Code	County	High School Name	Virtual - Hybrid
NW-01	Buchanan	Central High	Hybrid
NW-02	Buchanan	Benton High	Hybrid
NW-03	Buchanan	Lafayette High	Hybrid
NW-04	Andrew	Savannah High	Hybrid
NW-05	Nodaway	Maryville High	Hybrid
NW-06	Clinton	Cameron High	Hybrid
NW-08	Buchanan	Mid-Buchanan Sr. High	Hybrid
NW-09	DeKalb	Maysville Jr.-Sr. High	Hybrid
NW-11	Clinton	Lathrop High	Hybrid
NW-12	Clinton	Plattsburg High	Hybrid
NE-05	Lincoln	Winfield High	Virtual
KC-01	Jackson	Lee's Summit Sr. High	Hybrid
KC-02	Jackson	Lee's Summit North High	Hybrid
KC-03	Clay	Oak Park High	Hybrid
KC-04	Jackson	Truman High	Hybrid
KC-05	Jackson	Blue Springs High	Hybrid
KC-06	Clay	Winnetonka High	Hybrid
KC-07	Clay	North Kansas City High	Hybrid
KC-08	Jackson	William Chrisman High	Hybrid
KC-09	Clay	Liberty High	Hybrid
KC-10	Jackson	Fort Osage High	Hybrid
KC-11	Platte	Park Hill High	Hybrid
KC-12	Platte	Park Hill South High	Hybrid
KC-13	Jackson	Raytown Sr. High	Virtual
KC-14	Cass	Raymore-Peculiar Sr. High	Hybrid
KC-15	Cass	Belton High	Hybrid
KC-16	Jackson	Blue Springs South High	Hybrid
KC-17	Jackson	Raytown South Sr. High	Virtual
KC-18	Jackson	Grandview Sr. High	Virtual
KC-19	Jackson	Ruskin High School	Virtual
C-01	Boone	Columbia-Hickman High	Virtual
C-03	Boone	Rock Bridge Sr. High	Virtual
SL-01	St. Louis	Hazelwood West High	Virtual
SL-02	St. Louis	Hazelwood Central High	Virtual
SL-06	St. Louis	Oakville Sr. High	Virtual
SL-08	St. Louis	Marquette Sr. High	Virtual
SL-09	St. Louis	South High	Virtual
SL-10	St. Louis	Lafayette Sr. High	Virtual
SL-12	St. Louis	Pattonville Sr. High	Virtual
SL-13	St. Louis	Mehlville Sr. High	Virtual
SL-14	St. Louis City	Roosevelt High	Virtual
SL-15	St. Louis	Riverview Gardens Sr. High	Virtual
SL-16	St. Louis	Hazelwood East High	Virtual
SL-17	St. Louis	Lindbergh Sr. High	Virtual
SL-18	Jefferson	Fox Sr. High	Hybrid
SL-19	St. Louis	McCluer High	Virtual
SL-20	St. Louis	Kirkwood Sr. High	Virtual
SL-21	St. Louis	Ritenour Sr. High	Virtual
SW-14	Greene	Kickapoo High	Hybrid
SW-15	Greene	Glendale High	Hybrid
SW-16	Greene	Parkview High	Hybrid
SW-17	Greene	Central High	Hybrid
SW-18	Greene	Hillcrest High	Hybrid
SW-21	Greene	Willard High	Hybrid
SW-25	Polk	Bolivar High	Hybrid
SE-05	St. Francois	North Co. Sr. High	Hybrid
SE-08	Ste. Genevieve	Ste. Genevieve Sr. High	Hybrid
SE-12	St. Francois	Central High	Hybrid

