



**Ohio Department of Public Safety  
Governor's Highway Safety Office  
Grantee Observation Surveys of Seat Belt Use  
2006-2007**

The Governor's Highway Safety Office (GHSO) required that its 2006-2007 Safe Communities, law enforcement, and occupant protection grant recipients conduct observation surveys of seat belt use in their respective Ohio counties. The required surveys conducted at selected sites are a major component of the ongoing GHSO commitment to reduce highway fatalities and serious injuries throughout Ohio by increasing seat belt use. The three surveys were scheduled as follows: The Baseline Survey was conducted during October of 2006. The second survey was initiated during June, 2007 and concurrently with GHSO Earned Media, Paid Media, and Law Enforcement initiatives to increase seat belt use throughout Ohio. The final follow-up survey was scheduled during September of 2007. The GHSO grantees conducted 167,818 surveys of occupant seat belt use, including 140,496 driver and 27,322 passenger surveys. The accompanying figures and tables contain all data from the three 2006-2007 surveys and depict seat belt use rates for all front seat vehicle occupants, drivers, and passengers Statewide and for each of the participating Counties served by the GHSO grant recipients.

The grantee survey results indicate an un-weighted statewide seat belt use rate of 70%. It is important to emphasize the 70% rate obtained through the grantee survey **does not** replace or replicate Ohio's annual observational survey which adheres to rigorous guidelines set by the National Highway Traffic Safety Administration (NHTSA). For Ohio's annual statewide observation survey, all observation sites were randomly selected intersections and off-ramps from each of the five geographic regions of the state and all sites had *an equal probability of selection*. In contrast, the grantee survey did not fully adhere to those methodological standards. While some of the grantee sites were included in the statewide survey, some were randomly selected by the Miami University Evaluator, and other sites were selected based on grantee programmatic or judgmental criteria and human resource constraints. Consequently, the following data can be and should be interpreted and used to enhance statewide, county, and local seat belt use and highway safety with those sample selection criteria in mind.<sup>1</sup>

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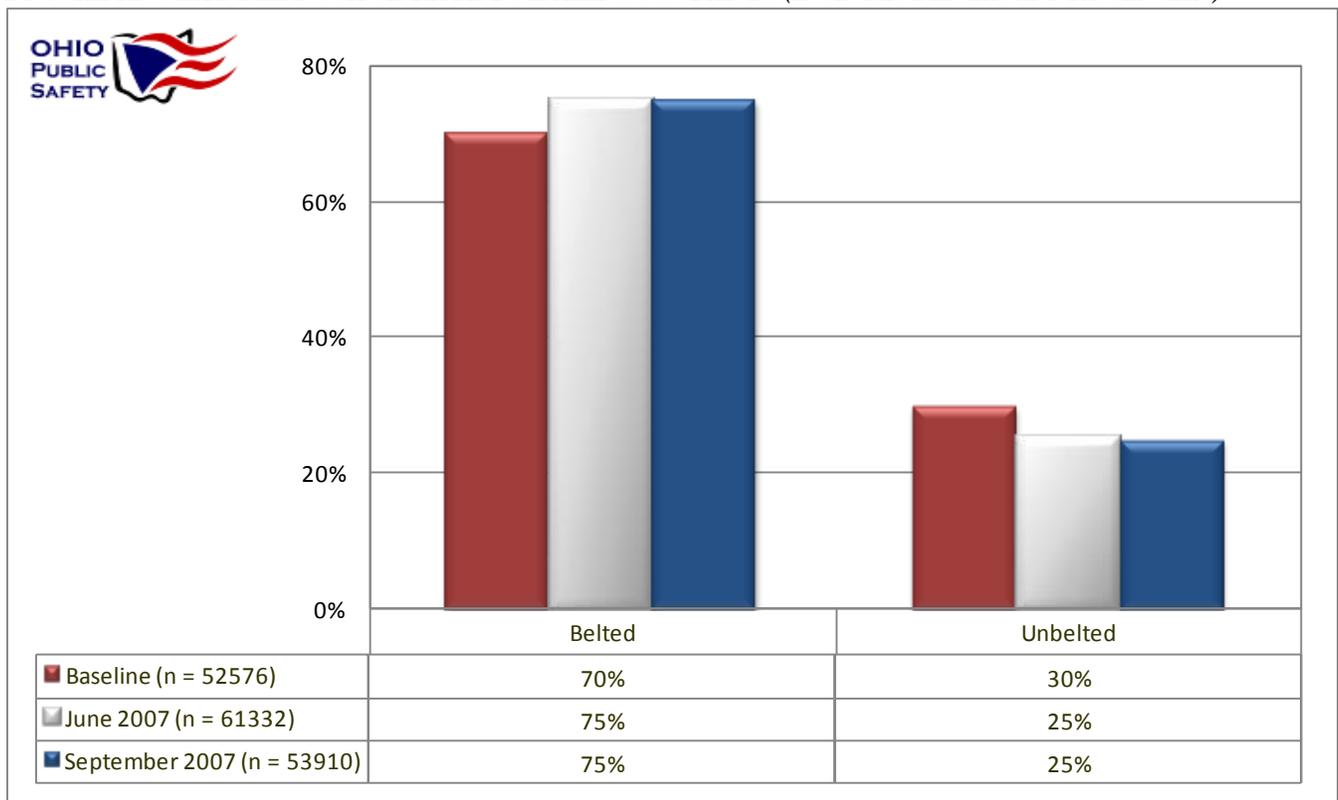
<sup>1</sup> County seat belt use data by vehicle type, sex, age, and race can be provided to GHSO grantees upon request.

## ALL PARTICIPATING COUNTIES

As reported above, GHSO grantees conducted 167,818 observation surveys of occupant seat belt use, consisting of 140,496 driver and 27,322 passenger surveys. Occupants for each survey were as follows: The October, 2006 Baseline Survey contains 52,576 occupants, June of 2007 has 61,332 occupants, and the September, 2007 survey has 53,910 occupants.

The overall occupant (*drivers and passengers*) seat belt usage rate for all counties combined, increased between the Baseline and the June and September Surveys (Figure A). The usage rate rose 5% from the Baseline (70%) to the June survey (75%). Usage rate remained at 75% for the September observation period which is below NHTSA's target of an 85% usage rate for Ohio.

**FIGURE A. SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The overall seat belt usage rate for all counties combined was 74% for drivers and 72% for passengers (Table A). A 6% increase occurred from the Baseline Survey (70%) to the June Survey (76%). The usage rate remained at 76% during the September Survey.

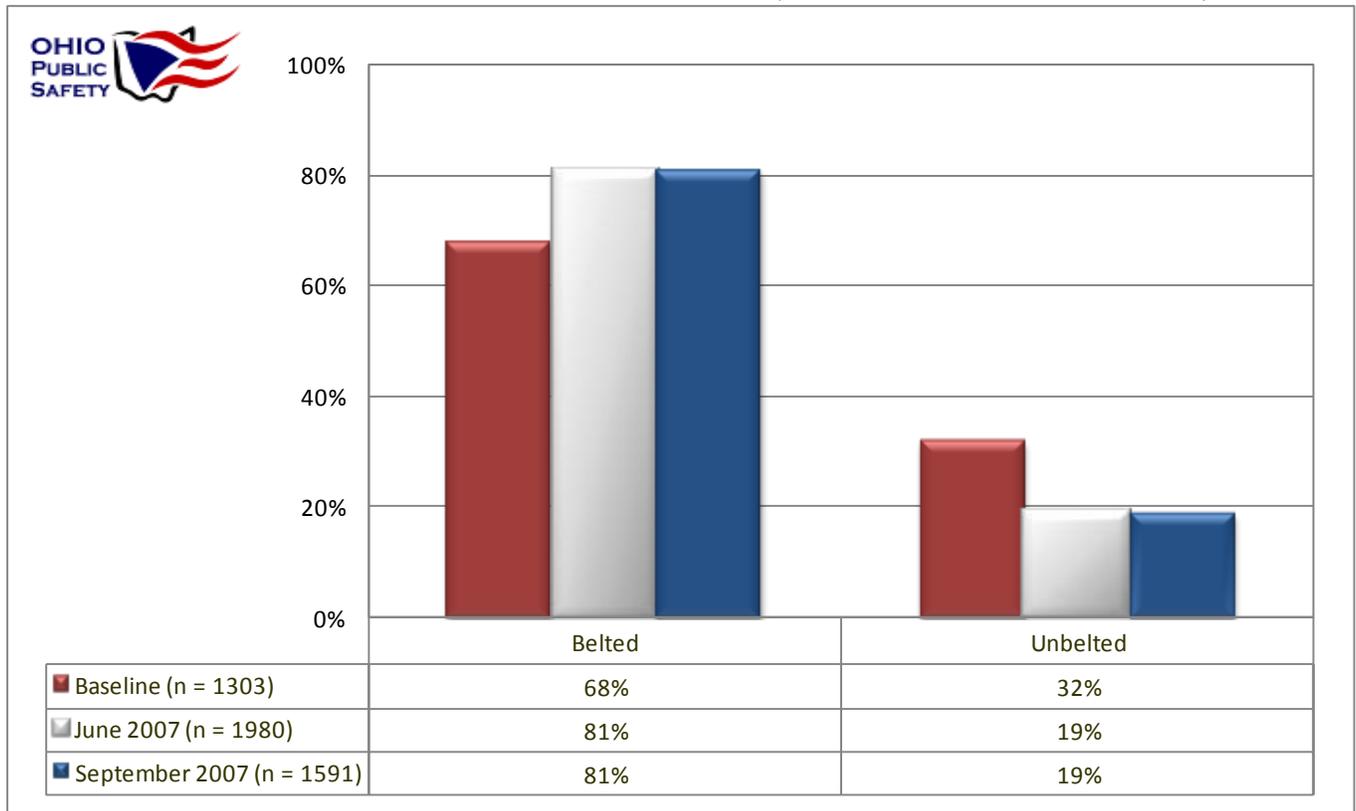
**TABLE A. CROSS-TABULATION OF ALL COUNTIES SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for All Counties</b>		<b>74%</b>	<b>26%</b>	<b>140496</b>	<b>72%</b>	<b>28%</b>	<b>27322</b>
Survey <sup>a</sup>	Baseline	70%	30%	44030	68%	32%	8546
	June 2007	76%	24%	50556	74%	26%	10776
	September 2007	76%	24%	45910	74%	26%	8000
Vehicle Type	Passenger Car	74%	25%	72221	72%	28%	14034
	Van/Minivan	78%	22%	17846	77%	23%	4305
	SUV	77%	23%	23885	78%	23%	4584
	Pickup Truck	65%	36%	26317	62%	38%	4343
Driver - Sex	Male	71%	29%	78868	72%	29%	16436
	Female	78%	22%	61033	73%	27%	10740
Driver - Age	15 - 25	65%	35%	18473	59%	41%	3776
	26 - 64	74%	26%	101539	72%	28%	18624
	64+	79%	21%	16426	83%	17%	4208
Driver - Race	Caucasian	75%	25%	125337	73%	27%	23862
	African American	63%	38%	8651	58%	43%	1914
	Other	72%	28%	1649	65%	35%	448
Passenger - Sex	Male	71%	29%	10095	63%	37%	10083
	Female	79%	21%	17117	77%	23%	17111
Passenger - Age	0 - 4	78%	22%	330	83%	18%	326
	5 - 14	77%	23%	2689	76%	24%	2682
	15 - 25	68%	32%	5850	62%	39%	5848
	26 - 64	75%	25%	13282	72%	28%	13283
	65+	87%	13%	4434	84%	16%	4439
Passenger - Race	Caucasian	77%	23%	23847	74%	26%	23837
	African American	62%	38%	1893	56%	44%	1886
	Other	72%	28%	483	60%	40%	481

## ALLEN COUNTY

Seat belt usage in Allen County for all occupants (*drivers and passengers*) increased significantly between the Baseline and the June and September Surveys (Figure 1). The usage rate rose 13% from the Baseline (68%) to the June survey (81%). Usage rate remained at 81% for the September observation period which is within 4 percentage points of NHTSA's target of an 85% usage rate for the state of Ohio.

**FIGURE 1 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



According to Table 1, approximately 77% of the county’s drivers and 79% of observed passengers were belted. There was a significant increase in seat belt use from the 2007 Baseline to the September Surveys for both drivers and passengers. Targeting pickup truck drivers, males, and African American drivers as well as most passengers may increase the effectiveness of any proposed initiatives in this county.

**TABLE 1 CROSS-TABULATION OF ALLEN COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS’ DEMOGRAPHIC CHARACTERISTICS**

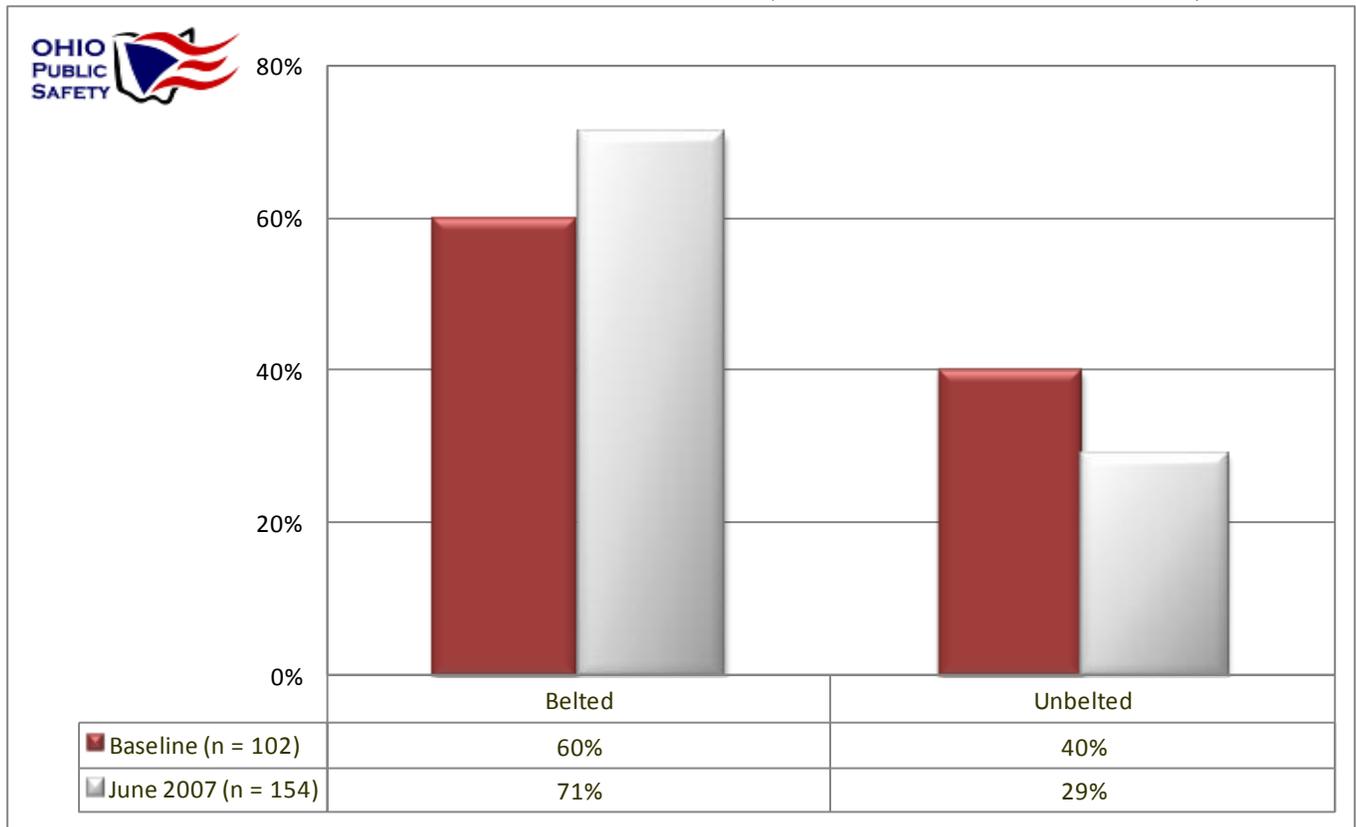
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Allen County</b>		<b>77%</b>	<b>23%</b>	<b>4144</b>	<b>79%</b>	<b>21%</b>	<b>730</b>
Survey <sup>a</sup>	Baseline	69%	31%	1147	66%	34%	156
	June 2007	80%	20%	1656	81%	19%	324
	September 2007	81%	19%	1341	83%	17%	250
Vehicle Type	Passenger Car	78%	22%	2139	76%	24%	379
	Van/Minivan	81%	19%	570	86%	14%	135
	SUV	84%	16%	628	85%	15%	92
	Pickup Truck	67%	33%	805	76%	24%	123
Driver - Sex	Male	75%	25%	2314	80%	20%	432
	Female	81%	19%	1807	77%	23%	296
Driver - Age	15 - 25	72%	28%	477	67%	33%	70
	26 - 64	77%	23%	3008	79%	21%	490
	64+	80%	20%	510	85%	15%	146
Driver - Race	Caucasian	77%	23%	3928	79%	21%	694
	African American	75%	25%	163	75%	25%	24
	Other	71%	29%	21	50%	50%	2
Passenger - Sex	Male	79%	21%	261	67%	33%	253
	Female	88%	12%	482	84%	16%	470
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	83%	17%	60	82%	18%	57
	15 - 25	83%	17%	125	75%	25%	124
	26 - 64	84%	16%	371	76%	24%	366
	65+	91%	9%	156	87%	13%	154
Passenger - Race	Caucasian	86%	14%	714	79%	21%	698
	African American	68%	32%	19	69%	31%	16
	Other	75%	25%	4	50%	50%	4

<sup>a</sup> The June 2007 Allen County results are the new Baseline county data for fiscal year 2008.

## ASHLAND COUNTY

Overall seat belt usage rates for Ashland County increased approximately 11% between the 2007 Baseline and the June Survey (Figure 2). This increase is still significantly below the targeted usage rate of 85% for the state of Ohio. No September Surveys were submitted for analysis.

**FIGURE 2 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 68% of the county’s observed drivers and 62% of passengers were belted (Table 2). There was an increase in seat belt use between the 2007 Baseline and the June Survey for drivers; however, the usage rate for passengers actually declined. This decline is most likely due to the small number of passengers that were observed. All populations would benefit from initiatives designed to increase the seat belt usage rates in Ashland County.

**TABLE 2 CROSS-TABULATION OF ASHLAND COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS’ DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Ashland County</b>		<b>68%</b>	<b>32%</b>	<b>222</b>	<b>62%</b>	<b>38%</b>	<b>34</b>
Survey <sup>a</sup>	Baseline	59%	41%	90	67%	33%	12
	June 2007	74%	27%	132	59%	41%	22
Vehicle Type	Passenger Car	70%	30%	113	60%	40%	15
	Van/Minivan	70%	30%	23	67%	33%	6
	SUV	68%	32%	41	75%	25%	4
	Pickup Truck	60%	40%	45	56%	44%	9
Driver - Sex	Male	64%	36%	113	65%	35%	26
	Female	72%	28%	109	50%	50%	8
Driver - Age	15 - 25	77%	23%	13		100%	1
	26 - 64	66%	34%	190	62%	39%	26
	64+	79%	21%	19	71%	29%	7
Driver - Race	Caucasian	68%	32%	212	62%	38%	34
	African American	100%		1			
	Other		100%	2			
Passenger - Sex	Male	92%	8%	13	46%	54%	13
	Female	81%	19%	21	71%	29%	21
Passenger - Age	5 - 14	100%		4	50%	50%	4
	15 - 25	100%		2		100%	2
	26 - 64	82%	18%	22	64%	36%	22
	65+	83%	17%	6	83%	17%	6
Passenger - Race	Caucasian	88%	12%	32	63%	38%	32

<sup>a</sup> The June 2007 Ashland County results are the new Baseline county data for fiscal year 2008.

# ASHTABULA COUNTY

Seat belt usage in Ashtabula County for all occupants (*drivers and passengers*) increased steadily from the 2007 Baseline to the September Survey (Figure 3). While the usage rate increased, it was still below NHTSA's target of an 85% usage rate in the state of Ohio.

**FIGURE 3 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

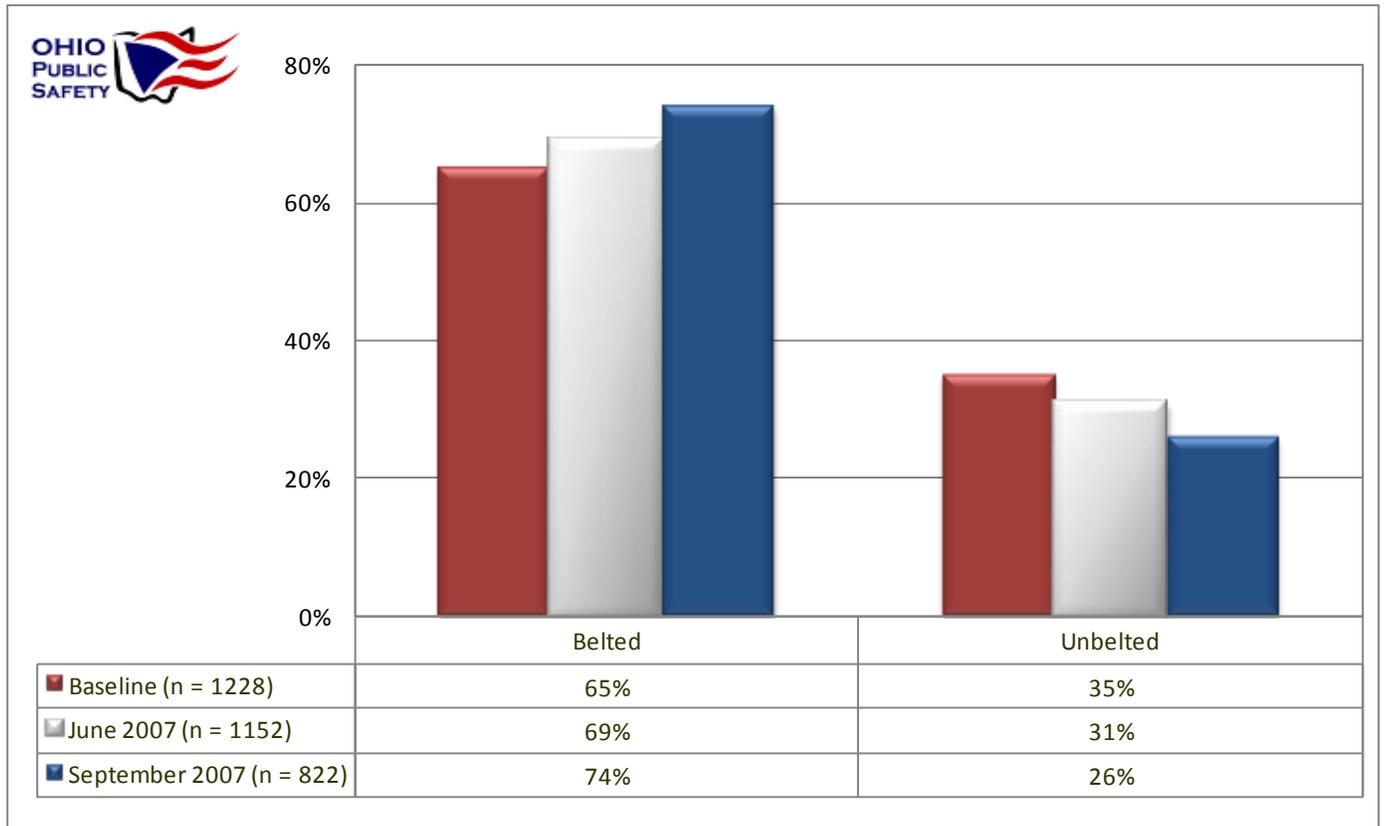


Table 3 shows that overall only 67% of the county's observed drivers and 73% observed passengers were belted. A steady increase did occur in seat belt use between the 2007 Baseline and the June and September Surveys for both drivers and passengers. While all efforts to increase seat belt use are helpful; targeting pickup truck drivers and younger drivers in should help to significantly increase usage rates in Ashtabula County.

**TABLE 3 CROSS-TABULATION OF ASHTABULA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

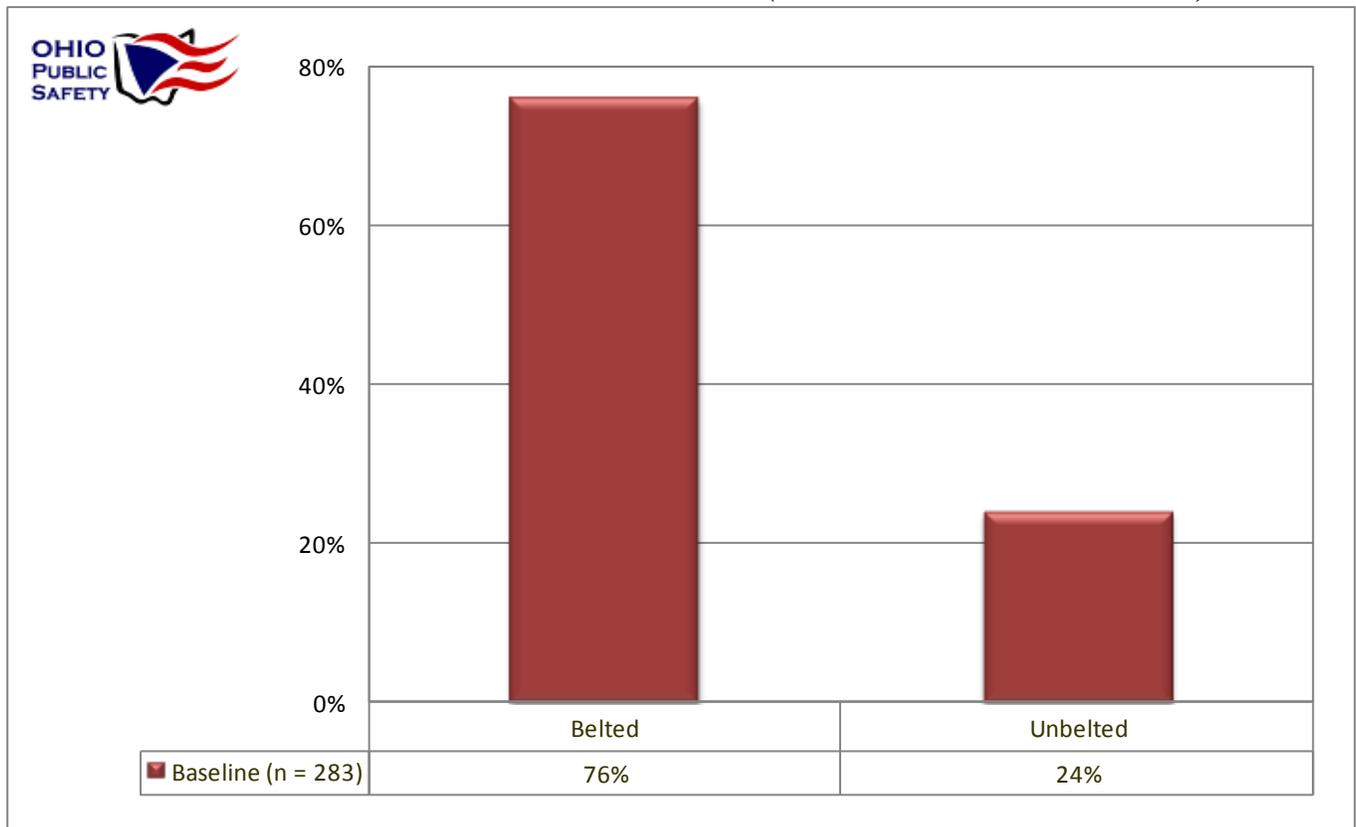
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Ashtabula County</b>		<b>67%</b>	<b>33%</b>	<b>2330</b>	<b>73%</b>	<b>27%</b>	<b>872</b>
Survey <sup>a</sup>	Baseline	63%	37%	886	70%	30%	342
	June 2007	68%	32%	846	71%	29%	306
	September 2007	72%	28%	598	81%	19%	224
Vehicle Type	Passenger Car	75%	25%	1224	79%	21%	524
	Van/Minivan	74%	26%	266	79%	21%	126
	SUV	66%	34%	353	69%	31%	113
	Pickup Truck	43%	57%	482	42%	58%	105
Driver - Sex	Male	66%	34%	1553	72%	28%	614
	Female	69%	31%	771	75%	25%	253
Driver - Age	15 - 25	57%	43%	650	70%	30%	213
	26 - 64	70%	30%	1251	74%	26%	493
	64+	73%	27%	426	74%	26%	165
Driver - Race	Caucasian	68%	33%	2081	73%	28%	764
	African American	63%	37%	151	76%	24%	62
	Other	64%	36%	73	74%	26%	35
Passenger - Sex	Male	70%	30%	225	63%	37%	225
	Female	79%	21%	635	76%	24%	635
Passenger - Age	0 - 4	84%	16%	76	88%	12%	76
	5 - 14	80%	20%	70	83%	17%	70
	15 - 25	70%	30%	195	64%	36%	195
	26 - 64	75%	25%	352	73%	27%	353
	65+	84%	17%	176	73%	27%	175
Passenger - Race	Caucasian	76%	24%	748	72%	28%	748
	African American	83%	17%	69	83%	17%	69
	Other	74%	26%	35	69%	31%	35

<sup>a</sup> The September 2007 Ashtabula County results are the new Baseline county data for fiscal year 2008.

## ATHENS COUNTY

The 2007 Baseline Survey data shows that 76% of all observed occupants (*drivers and passengers*) in the county were belted (Figure 4). The Baseline Survey was the only data submitted by Athens County for 2007.

**FIGURE 4 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 74% of the county’s drivers and 84% of passengers were belted (Table 4). Targeting both drivers and passengers in pickup trucks and cars should help increase the effectiveness of any seat belt use initiatives in Athens County.

**TABLE 4 CROSS-TABULATION OF ATHENS COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS’ DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Athens County</b>		<b>74%</b>	<b>27%</b>	<b>226</b>	<b>84%</b>	<b>16%</b>	<b>57</b>
Survey <sup>a</sup>	Baseline	74%	27%	226	84%	16%	57
Vehicle Type	Passenger Car	67%	33%	122	76%	24%	29
	Van/Minivan	88%	12%	25	100%		8
	SUV	89%	11%	37	100%		13
	Pickup Truck	71%	29%	41	71%	29%	7
Driver - Sex	Male	72%	28%	108	80%	20%	30
	Female	75%	25%	118	89%	11%	27
Driver - Age	15 - 25	76%	24%	72	84%	16%	19
	26 - 64	70%	30%	136	81%	19%	31
	64+	89%	11%	18	100%		7
Driver - Race	Caucasian	72%	28%	216	83%	17%	53
	African American	100%		5	100%		1
	Other	100%		1			
Passenger - Sex	Male	84%	16%	19	74%	26%	19
	Female	87%	13%	38	90%	11%	38
Passenger - Age	5 - 14	75%	25%	4	75%	25%	4
	15 - 25	81%	19%	26	81%	19%	26
	26 - 64	91%	10%	21	86%	14%	21
	65+	100%		6	100%		6
Passenger - Race	Caucasian	86%	15%	55	84%	16%	55
	African American	100%		2	100%		2

<sup>a</sup> The Baseline 2007 Athens County results are the new Baseline county data for fiscal year 2008.

## AUGLAIZE COUNTY

According to the 2007 Baseline Survey data, 73% of all observed occupants (*drivers and passengers*) were belted (Figure 5). This rate is below the targeted usage rate of 85% for the state of Ohio. The Baseline Survey was the only data submitted by Auglaize County for 2007.

**FIGURE 5 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

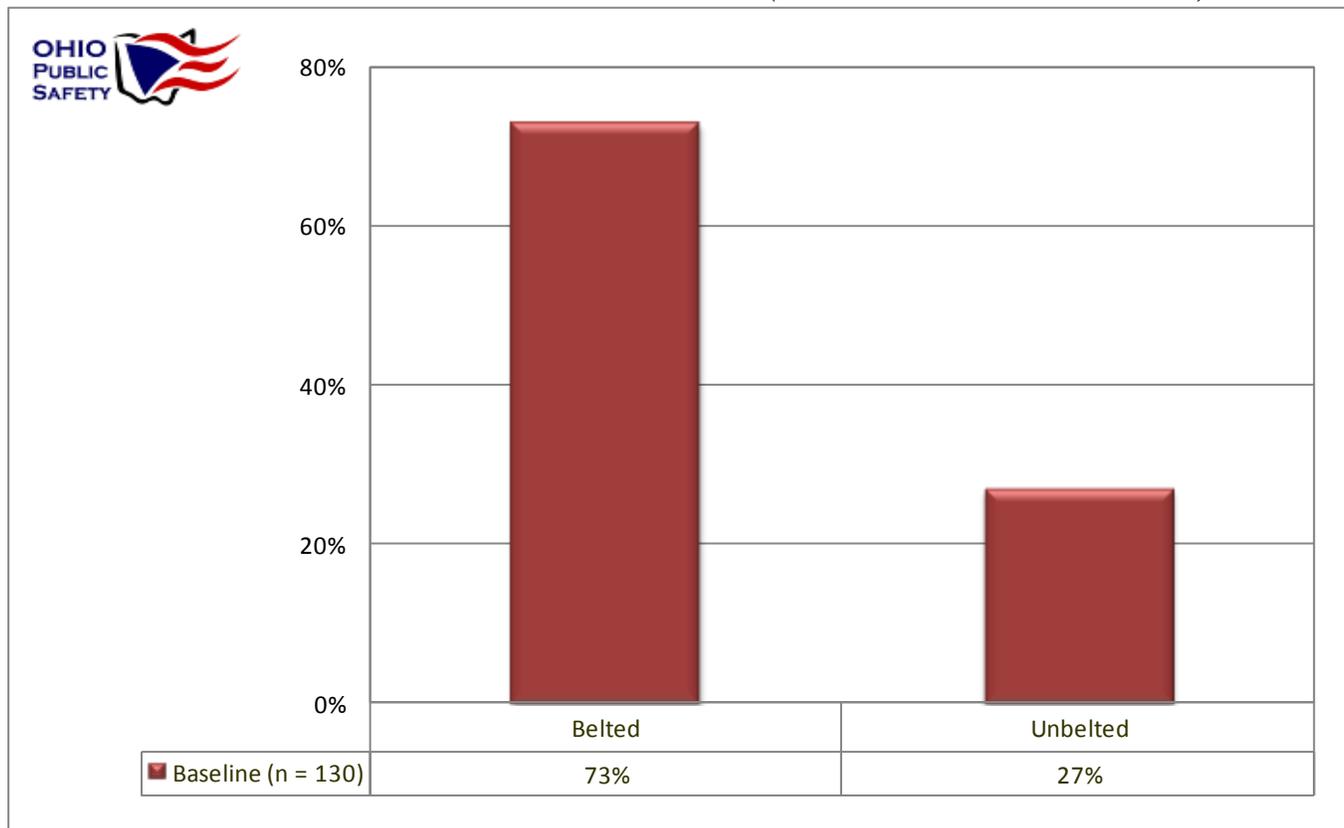


Table 5 shows that 73% of both drivers and passengers observed were belted. Targeting drivers of vehicles other than passenger cars should prove to be beneficial when trying to increase the seat belt usage rate in Auglaize County.

**TABLE 5 CROSS-TABULATION OF AUGLAIZE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

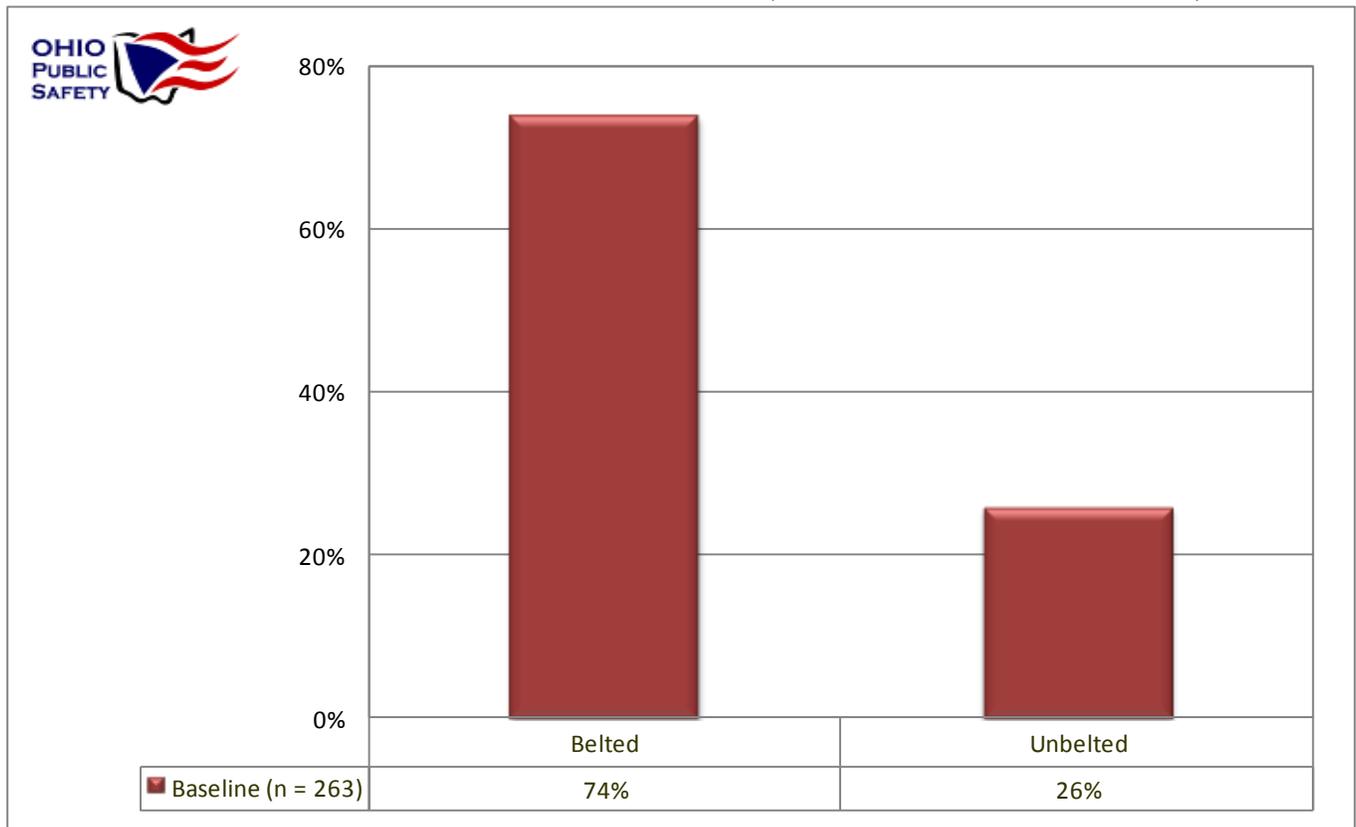
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Auglaize County</b>		<b>73%</b>	<b>27%</b>	<b>108</b>	<b>73%</b>	<b>27%</b>	<b>22</b>
Survey <sup>a</sup>	Baseline	73%	27%	108	73%	27%	22
Vehicle Type	Passenger Car	82%	18%	60	75%	25%	12
	Van/Minivan	64%	36%	14	86%	14%	7
	SUV	64%	36%	11	100%		1
	Pickup Truck	53%	47%	19		100%	1
Driver - Sex	Male	74%	26%	58	58%	42%	12
	Female	75%	26%	47	90%	10%	10
Driver - Age	15 - 25	88%	13%	8	100%		3
	26 - 64	68%	32%	76	67%	33%	15
	64+	83%	17%	24	75%	25%	4
Driver - Race	Caucasian	74%	26%	107	71%	29%	21
	African American		100%	1	100%		1
Passenger - Sex	Male	78%	22%	9	67%	33%	9
	Female	75%	25%	12	75%	25%	12
Passenger - Age	5 - 14	100%		2	50%	50%	2
	15 - 25	60%	40%	5	80%	20%	5
	26 - 64	80%	20%	10	70%	30%	10
	65+	80%	20%	5	80%	20%	5
Passenger - Race	Caucasian	79%	21%	19	79%	21%	19
	African American		100%	1		100%	1

<sup>a</sup> The Baseline 2007 Auglaize County results are the new Baseline county data for fiscal year 2008.

## BELMONT COUNTY

Results from the 2007 Baseline Survey data show that 74% of all occupants (*drivers and passengers*) were belted (Figure 6). This rate is below the targeted usage rate of 85% for the state of Ohio. The Baseline Survey was the only data submitted by Belmont County for 2007.

**FIGURE 6 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The Baseline Survey results show that 75% of the observed drivers and 70% of observed passengers were belted. Targeting drivers who are male, relatively younger and those who drive pickup trucks will help increase the effectiveness of any proposed initiatives in Belmont County.

**TABLE 6 CROSS-TABULATION OF BELMONT COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

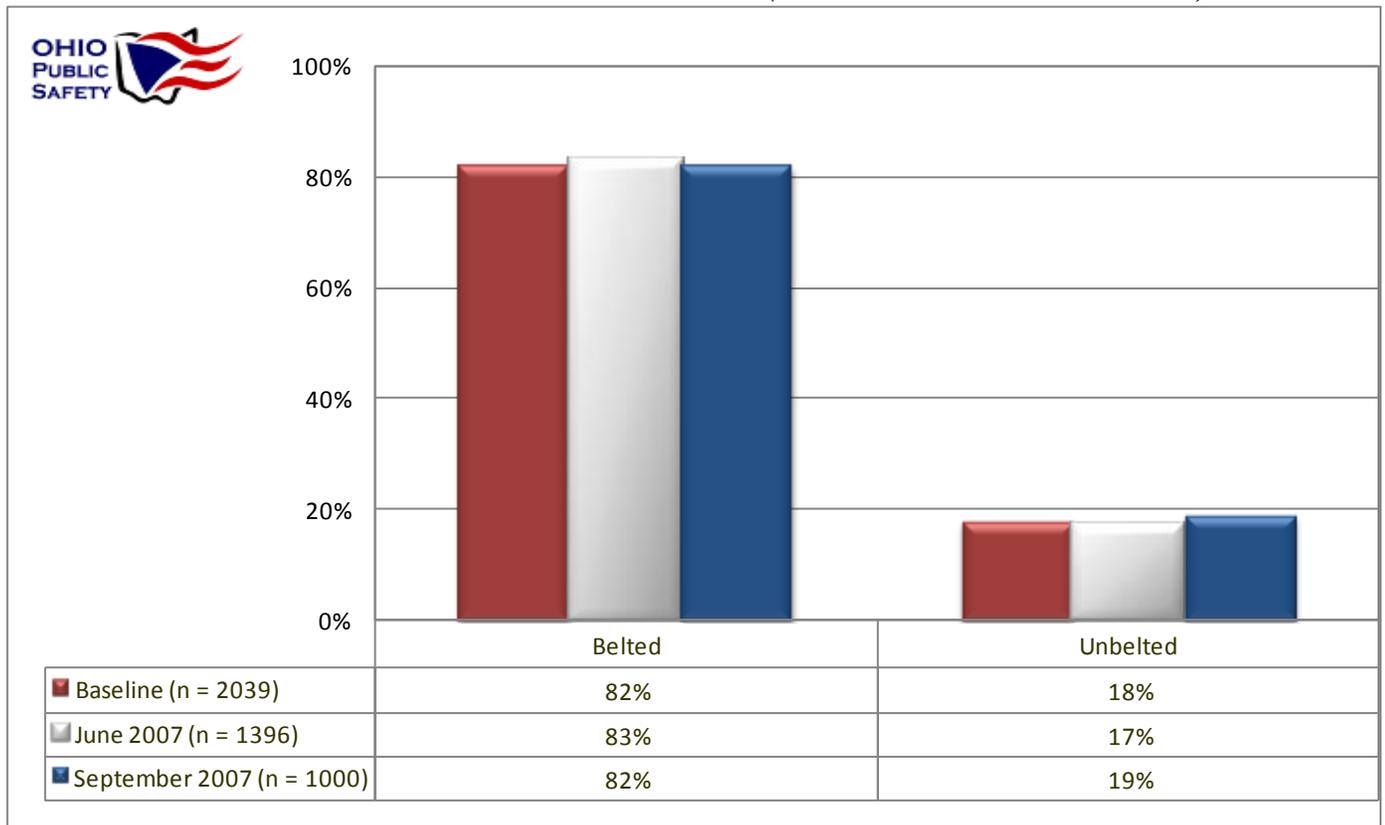
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Belmont County</b>		<b>75%</b>	<b>25%</b>	<b>217</b>	<b>70%</b>	<b>30%</b>	<b>46</b>
Survey <sup>a</sup>	Baseline	75%	25%	217	70%	30%	46
Vehicle Type	Passenger Car	73%	27%	132	73%	27%	30
	Van/Minivan	86%	14%	22	50%	50%	4
	SUV	82%	18%	34	60%	40%	10
	Pickup Truck	66%	35%	29	100%		2
Driver - Sex	Male	71%	29%	127	68%	32%	34
	Female	80%	20%	90	75%	25%	12
Driver - Age	15 - 25	69%	31%	39	67%	33%	9
	26 - 64	74%	26%	148	68%	32%	25
	64+	83%	17%	30	75%	25%	12
Driver - Race	Caucasian	75%	25%	206	71%	29%	41
	African American	60%	40%	5	50%	50%	2
	Other	33%	67%	3	50%	50%	2
Passenger - Sex	Male	67%	33%	15	60%	40%	15
	Female	81%	19%	31	74%	26%	31
Passenger - Age	5 - 14	50%	50%	4	75%	25%	4
	15 - 25	73%	27%	15	60%	40%	15
	26 - 64	82%	18%	17	71%	29%	17
	65+	80%	20%	10	80%	20%	10
Passenger - Race	Caucasian	78%	22%	41	73%	27%	41
	African American	100%		1		100%	1
	Other	50%	50%	2	50%	50%	2

<sup>a</sup> The Baseline 2007 Belmont County results are the new Baseline county data for fiscal year 2008.

## BROWN COUNTY

There was very little change in the overall seat belt usage rate for all occupants (*drivers and passenger*) in Brown County between the 2007 Baseline (82%) and the June (83%) and September (82%) Surveys (Figure 7). The county's usage rate is very close to the state's targeted goal of 85%.

**FIGURE 7 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 81% of the county’s observed drivers and 87% of its observed passengers were belted. Seat belt use remained relatively consistent between the three survey periods (Survey 7).

**TABLE 7 CROSS-TABULATION OF BROWN COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS’ DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Brown County</b>		<b>81%</b>	<b>19%</b>	<b>3754</b>	<b>87%</b>	<b>13%</b>	<b>681</b>
Survey <sup>a</sup>	Baseline	81%	19%	1698	89%	11%	341
	June 2007	82%	18%	1199	87%	13%	197
	September 2007	81%	19%	857	84%	16%	143
Vehicle Type	Passenger Car	81%	19%	1548	87%	13%	280
	Van/Minivan	83%	17%	447	87%	13%	86
	SUV	89%	11%	526	96%	4%	110
	Pickup Truck	78%	22%	1209	83%	17%	203
Driver - Sex	Male	81%	19%	2440	87%	14%	443
	Female	83%	18%	1298	90%	10%	232
Driver - Age	15 - 25	78%	23%	497	81%	19%	97
	26 - 64	80%	20%	2730	86%	14%	483
	64+	93%	7%	523	99%	1%	100
Driver - Race	Caucasian	81%	19%	3673	87%	13%	653
	African American	88%	12%	43	92%	8%	12
Passenger - Sex	Male	81%	19%	311	81%	19%	311
	Female	90%	10%	367	93%	7%	367
Passenger - Age	5 - 14	67%	33%	6	83%	17%	6
	15 - 25	80%	21%	127	83%	17%	127
	26 - 64	84%	16%	413	85%	15%	413
	65+	99%	2%	134	99%	2%	134
Passenger - Race	Caucasian	86%	14%	674	87%	13%	674
	African American	100%		4	100%		4

<sup>a</sup> The June 2007 Brown County results are the new Baseline county data for fiscal year 2008.

## BUTLER COUNTY

Seat belt usage in Butler County for all occupants (*drivers and passengers*) increased over the three survey periods (Figure 8). An 8% increase in belted occupants occurred between the 2007 Baseline and the June Surveys. While an increase is noted, it is still well below than NHTSA's target of an 85% usage rate for the state of Ohio.

**FIGURE 8 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

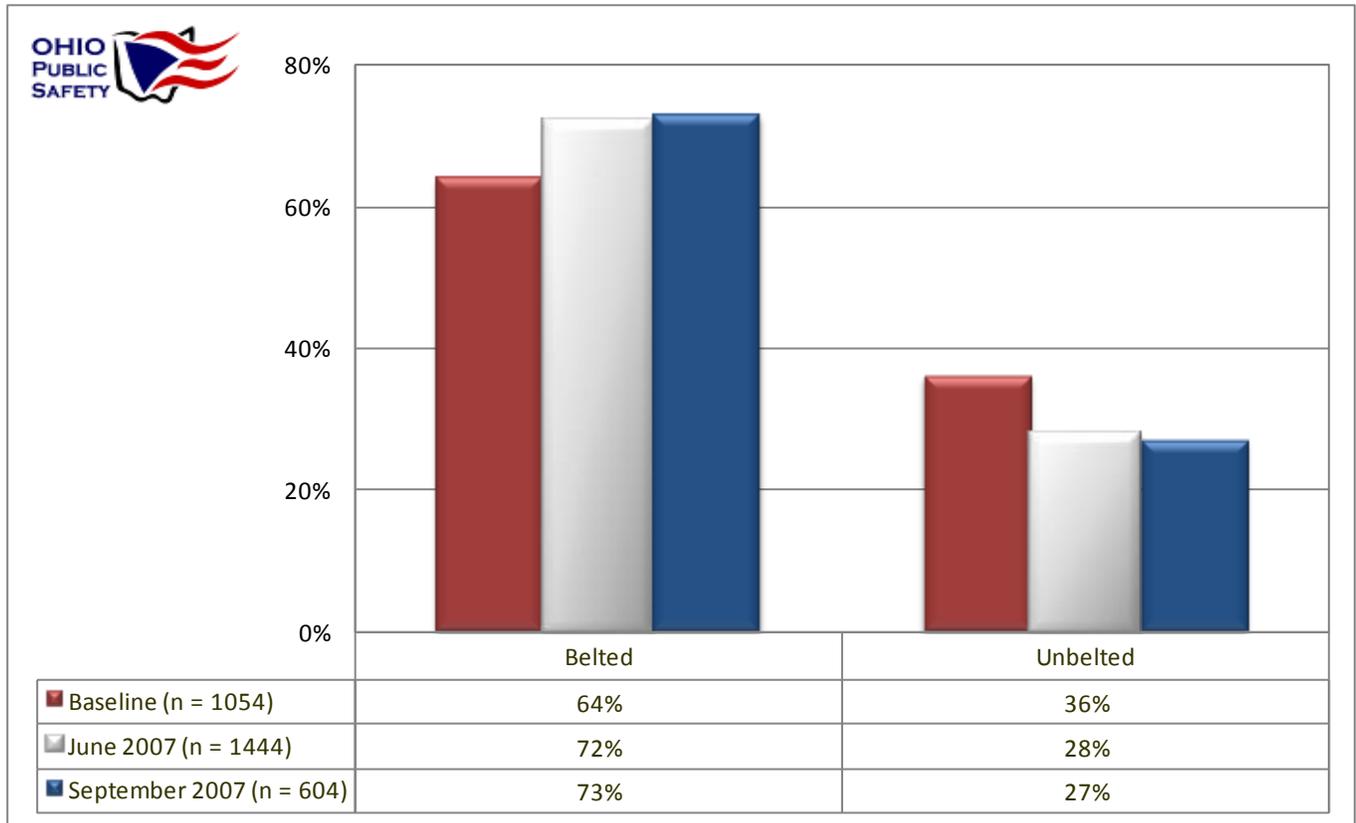


Table 8 shows that overall, 70% of drivers and 69% of passengers were belted during the three survey periods in Butler County. An increase in seat belt use between the 2007 Baseline and the June and September Surveys can be seen for both drivers and passengers; however, usage rates are still well below the targeted rate for Ohio. Consequently, initiatives to increase seat belt use should be broad based. Nevertheless, targeting both drivers and passengers of pickup trucks, males, younger drivers and their passengers, and African American drivers and their passengers should help increase seat belt usage rates in Butler County.

**TABLE 8 CROSS-TABULATION OF BUTLER COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

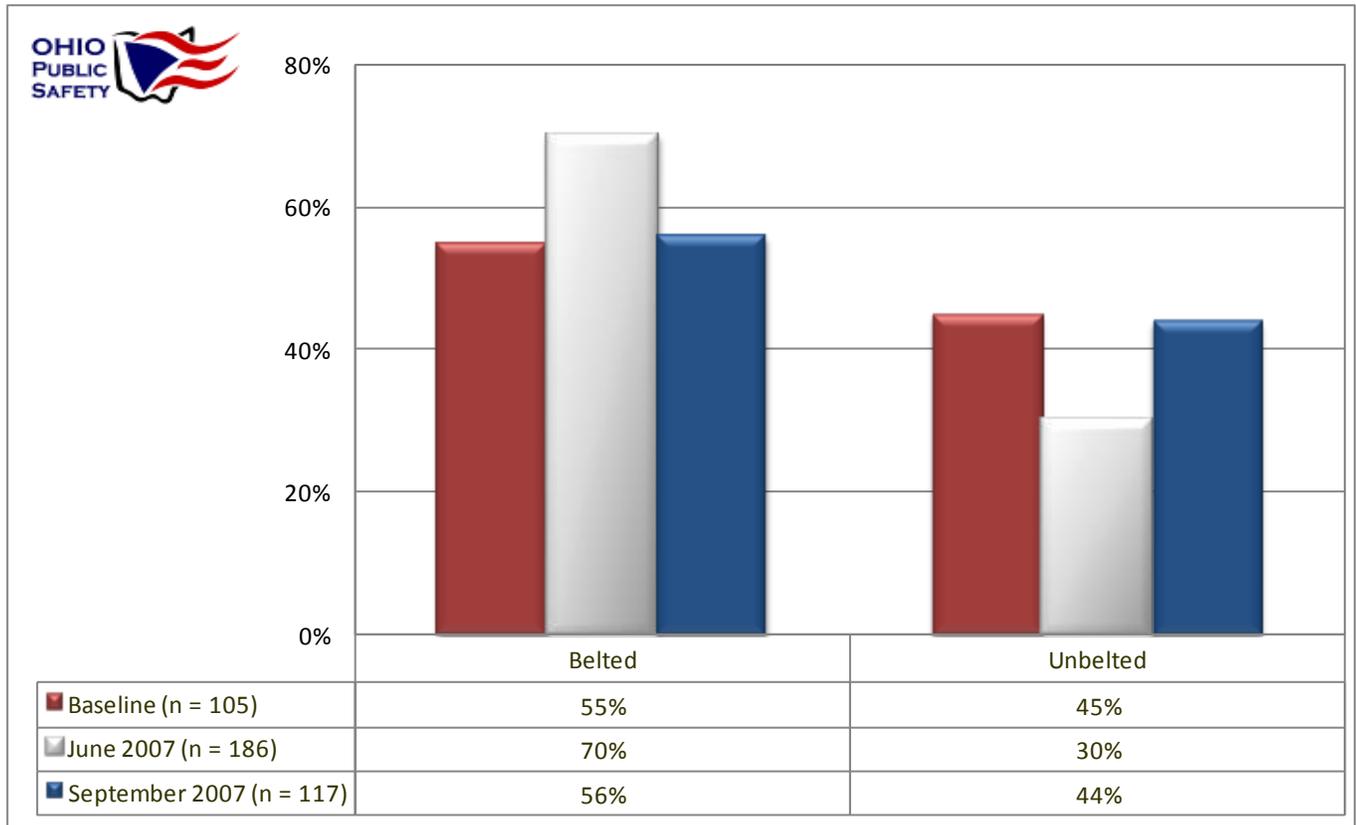
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Butler County</b>		<b>70%</b>	<b>30%</b>	<b>2601</b>	<b>69%</b>	<b>31%</b>	<b>501</b>
Survey <sup>a</sup>	Baseline	65%	36%	874	63%	37%	180
	June 2007	73%	28%	1187	72%	28%	257
	September 2007	73%	27%	540	75%	25%	64
Vehicle Type	Passenger Car	71%	29%	1243	71%	30%	241
	Van/Minivan	73%	27%	334	69%	31%	67
	SUV	72%	28%	472	79%	21%	90
	Pickup Truck	63%	37%	551	57%	43%	103
Driver - Sex	Male	66%	34%	1428	69%	31%	300
	Female	75%	25%	1161	69%	31%	199
Driver - Age	15 - 25	59%	41%	288	59%	41%	54
	26 - 64	70%	30%	2067	68%	32%	386
	64+	77%	23%	234	86%	15%	55
Driver - Race	Caucasian	71%	29%	2373	71%	29%	449
	African American	58%	42%	162	39%	61%	28
	Other	70%	30%	33	83%	17%	6
Passenger - Sex	Male	67%	33%	165	61%	40%	162
	Female	74%	26%	336	73%	27%	334
Passenger - Age	0 - 4	80%	20%	10	83%	17%	6
	5 - 14	72%	28%	58	72%	28%	58
	15 - 25	67%	33%	92	63%	37%	91
	26 - 64	71%	29%	282	67%	33%	282
	65+	85%	15%	59	83%	17%	59
Passenger - Race	Caucasian	73%	27%	443	70%	30%	438
	African American	36%	64%	25	44%	56%	25
	Other	88%	13%	8	75%	25%	8

<sup>a</sup> The September 2007 Butler County results are the new Baseline county data for fiscal year 2008.

## CARROLL COUNTY

Seat belt usage in Carroll County for all occupants (*drivers and passengers*) increased 15% between the 2007 Baseline and the June Survey, but then returned close to its baseline rate during the September Survey, ending at 56% (Figure 9).

**FIGURE 9 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Carroll County seat belt use increased and peaked during the June Survey period, only to return to the baseline rate. Overall, 60% of observed drivers and 71% of observed passengers were belted (Table 9).

**TABLE 9 CROSS-TABULATION OF CARROLL COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

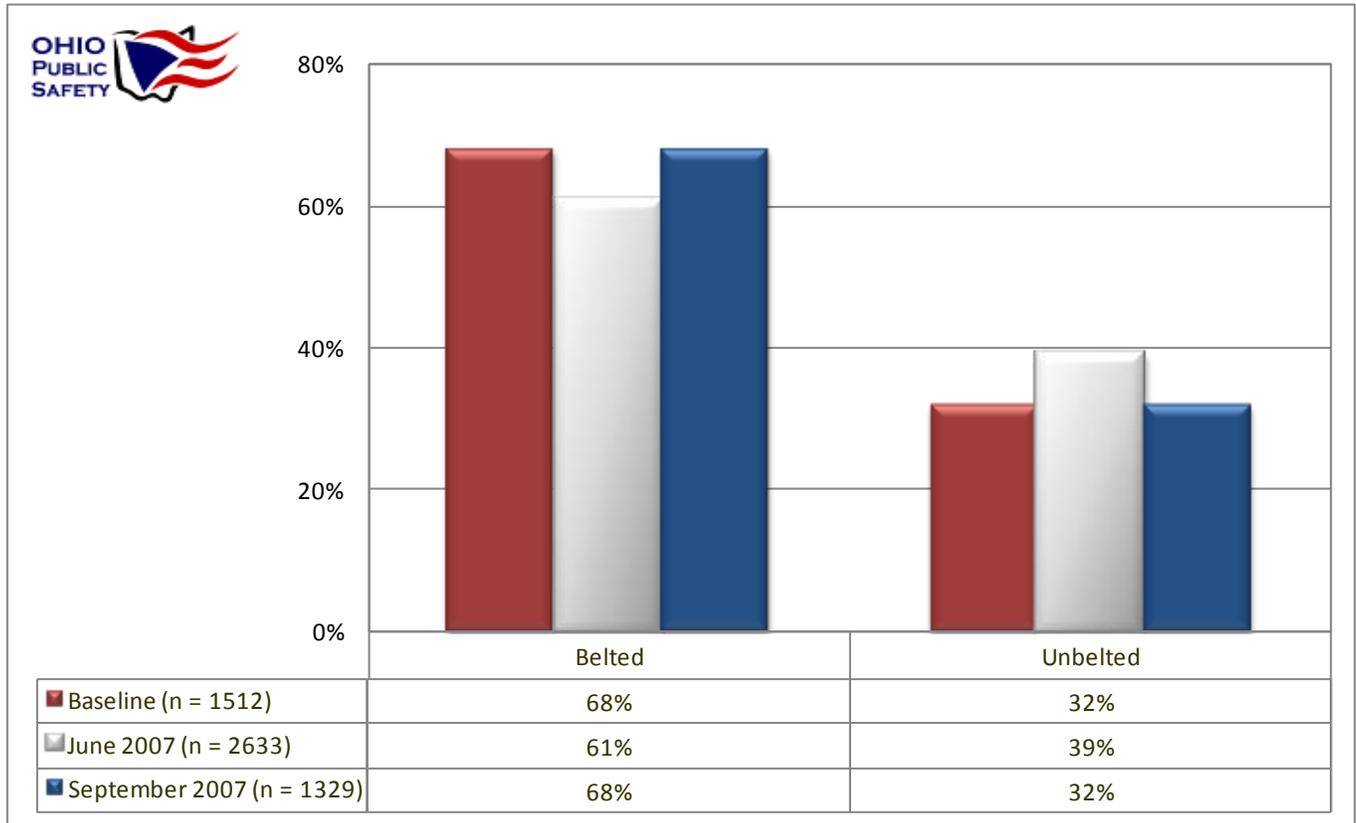
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Carroll County</b>		<b>60%</b>	<b>40%</b>	<b>324</b>	<b>71%</b>	<b>29%</b>	<b>84</b>
Survey <sup>a</sup>	Baseline	54%	47%	86	63%	37%	19
	June 2007	68%	32%	143	79%	21%	43
	September 2007	54%	46%	95	64%	36%	22
Vehicle Type	Passenger Car	60%	40%	159	71%	29%	38
	Van/Minivan	59%	41%	29	73%	27%	11
	SUV	66%	34%	50	100%		12
	Pickup Truck	56%	44%	84	55%	46%	22
Driver - Sex	Male	58%	42%	180	68%	32%	60
	Female	63%	37%	142	79%	21%	24
Driver - Age	15 - 25	44%	56%	25	60%	40%	5
	26 - 64	61%	39%	242	73%	27%	62
	64+	61%	39%	56	71%	29%	17
Driver - Race	Caucasian	60%	40%	321	71%	29%	83
	African American		100%	1	100%		1
Passenger - Sex	Male	68%	32%	22	59%	41%	22
	Female	61%	39%	61	75%	25%	61
Passenger - Age	5 - 14	25%	75%	4	75%	25%	4
	15 - 25	54%	46%	13	62%	39%	13
	26 - 64	65%	35%	51	71%	29%	51
	65+	73%	27%	15	80%	20%	15
Passenger - Race	Caucasian	62%	38%	82	71%	29%	82

<sup>a</sup> The June 2007 Carroll County results are the new Baseline county data for fiscal year 2008.

## CLARK COUNTY

Seat belt usage in Clark County for all occupants (*drivers and passengers*) decreased by 7% between the 2007 Baseline and the June Survey, but then returned to the baseline rate of 68%, which is still well below NHTSA's target of an 85% usage rate for the state of Ohio (Figure 10).

**FIGURE 10 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 66% of the county’s observed drivers and 59% of its observed passengers were belted. Seat belt use decreased between the 2007 Baseline and the June Survey for both drivers and passengers, and rose again during the September Survey. While any seat belt use initiative should be broad based, targeting pickup truck occupants, males, and younger drivers will help increase the effectiveness of any proposed initiatives in Clark County.

**TABLE 10 CROSS-TABULATION OF CLARK COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS’ DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Clark County</b>		<b>66%</b>	<b>34%</b>	<b>4494</b>	<b>59%</b>	<b>41%</b>	<b>980</b>
Survey <sup>a</sup>	Baseline	68%	32%	1335	64%	36%	177
	June 2007	62%	39%	2010	57%	43%	623
	September 2007	70%	31%	1149	60%	40%	180
Vehicle Type	Passenger Car	68%	32%	2388	57%	43%	478
	Van/Minivan	67%	33%	591	62%	38%	174
	SUV	64%	36%	668	70%	30%	161
	Pickup Truck	60%	40%	832	51%	49%	162
Driver - Sex	Male	67%	33%	2473	61%	39%	565
	Female	64%	36%	2006	57%	43%	413
Driver - Age	15 - 25	53%	47%	724	45%	55%	192
	26 - 64	67%	33%	3244	58%	42%	639
	64+	74%	26%	525	82%	18%	149
Driver - Race	Caucasian	66%	34%	4000	60%	40%	859
	African American	63%	37%	365	56%	44%	79
	Other	42%	58%	92	25%	75%	32
Passenger - Sex	Male	55%	45%	381	53%	47%	378
	Female	66%	34%	599	63%	37%	597
Passenger - Age	0 - 4	67%	33%	27	63%	37%	27
	5 - 14	60%	40%	210	59%	41%	210
	15 - 25	46%	54%	220	40%	60%	219
	26 - 64	63%	37%	373	59%	41%	371
	65+	86%	15%	152	88%	12%	150
Passenger - Race	Caucasian	64%	36%	857	62%	38%	855
	African American	50%	50%	84	42%	59%	82
	Other	42%	58%	33	31%	69%	32

<sup>a</sup> The Baseline 2007 Clark County results are the new Baseline county data for fiscal year 2008.

## CLERMONT COUNTY

Results for Clermont County show that seat belt use for all occupants (*drivers and passengers*) increased 14% between the 2007 Baseline and the June Survey, then slightly decreased to 77% during the September Survey (Figure 11).

**FIGURE 11 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

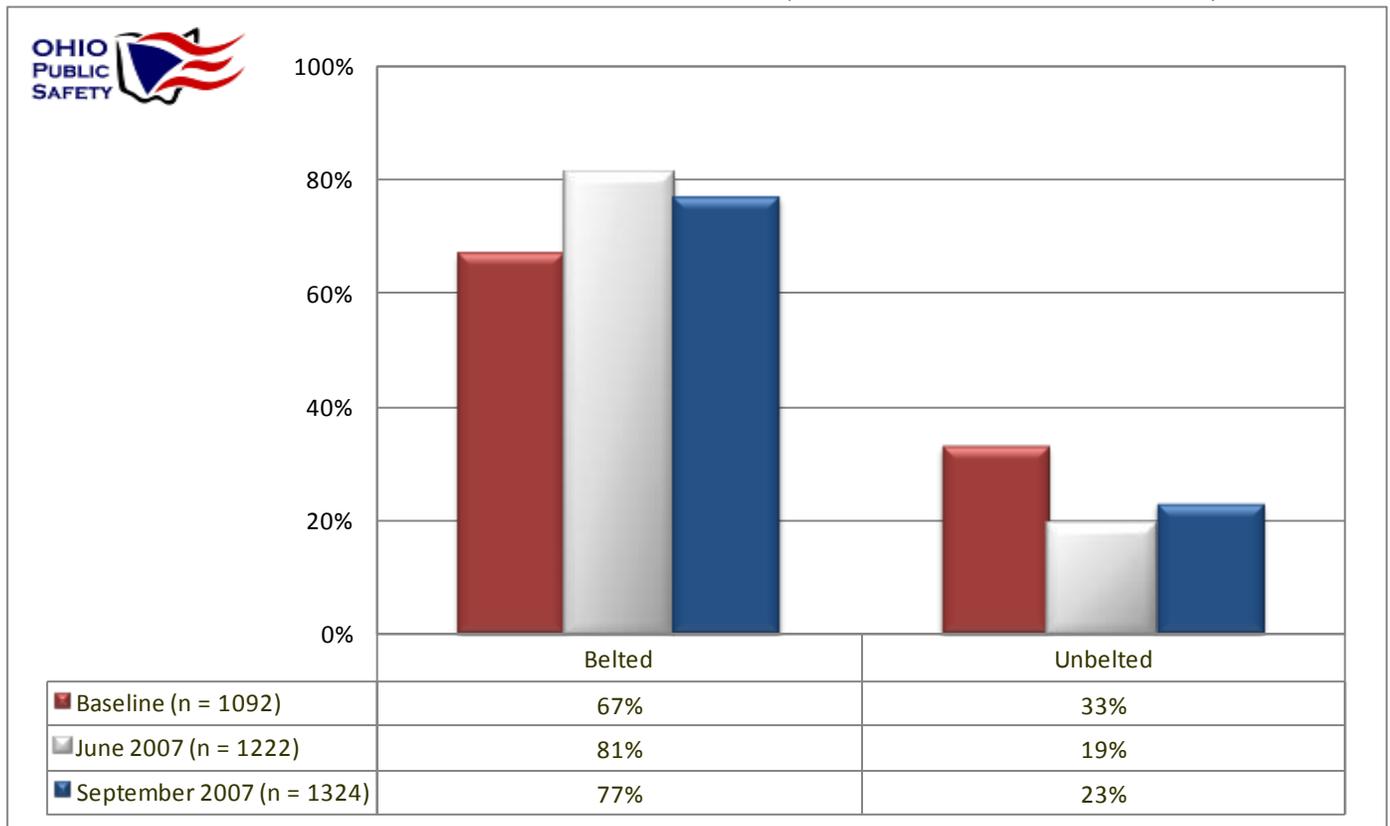


Table 11 shows that overall, 75% of drivers and 74% of passengers were belted. There was an increase in seat belt use between the 2007 Baseline and the June Survey for both drivers and passengers; however, seat belt use decreased slightly during the September Survey. Targeting pickup truck occupants, male drivers and their passengers, and drivers between 15 and 25 years of age in future initiatives may help to increase the overall seat belt usage rate in Clermont County.

**TABLE 11 CROSS-TABULATION OF CLERMONT COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

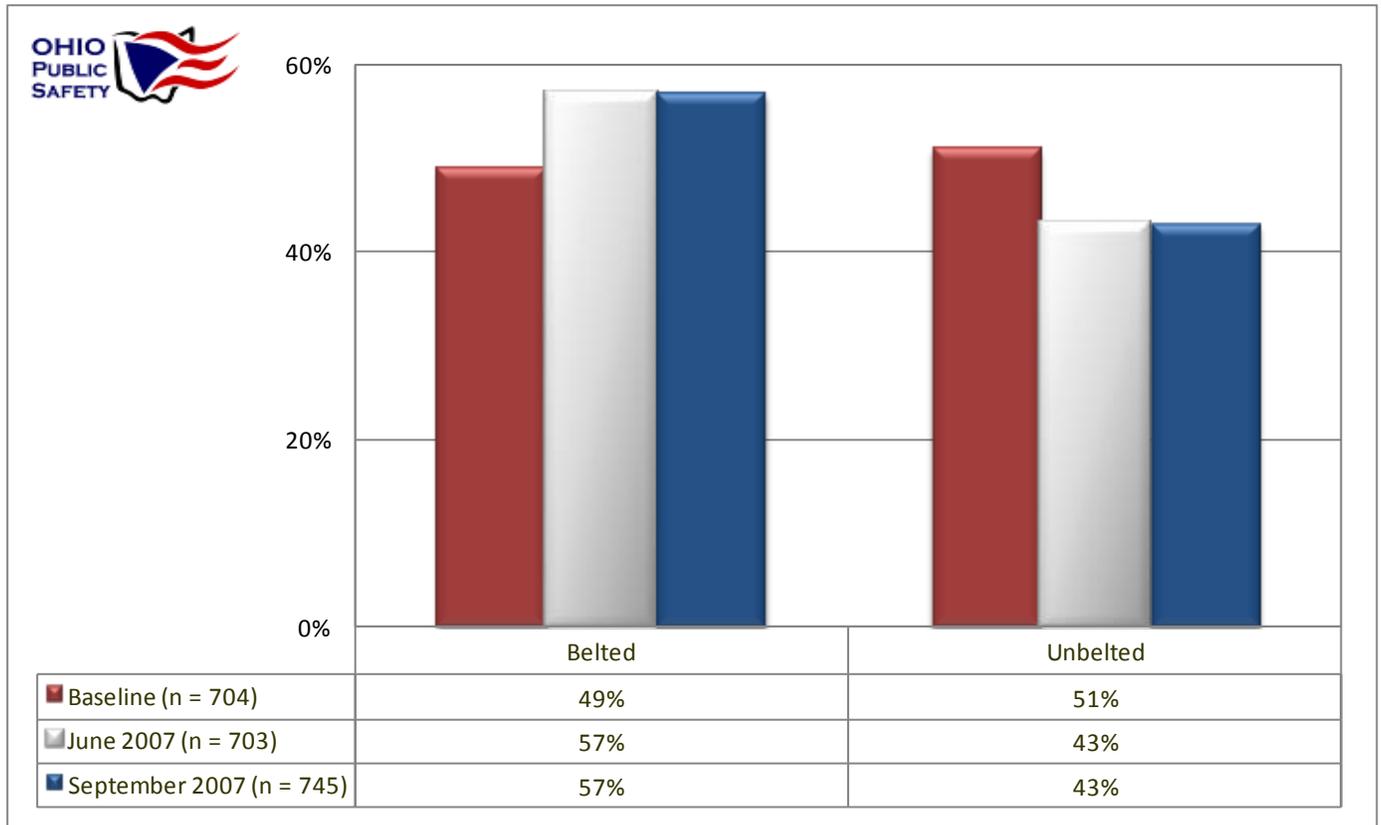
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Clermont County</b>		<b>75%</b>	<b>25%</b>	<b>2927</b>	<b>74%</b>	<b>26%</b>	<b>711</b>
Survey <sup>a</sup>	Baseline	67%	33%	889	66%	34%	203
	June 2007	81%	19%	963	80%	21%	259
	September 2007	77%	23%	1075	76%	25%	249
Vehicle Type	Passenger Car	78%	22%	1381	74%	26%	350
	Van/Minivan	77%	23%	396	82%	18%	114
	SUV	83%	17%	483	82%	18%	117
	Pickup Truck	63%	37%	656	63%	37%	126
Driver - Sex	Male	71%	29%	1723	73%	27%	431
	Female	81%	19%	1166	76%	24%	271
Driver - Age	15 - 25	64%	37%	502	59%	41%	121
	26 - 64	78%	22%	2212	77%	23%	537
	64+	79%	21%	198	86%	14%	49
Driver - Race	Caucasian	76%	24%	2733	76%	25%	636
	African American	79%	21%	62	70%	30%	23
	Other	75%	25%	20	86%	14%	7
Passenger - Sex	Male	74%	26%	259	70%	30%	259
	Female	78%	22%	448	77%	23%	449
Passenger - Age	0 - 4	50%	50%	6	100%		6
	5 - 14	80%	20%	50	82%	18%	50
	15 - 25	69%	31%	194	65%	35%	194
	26 - 64	78%	22%	405	76%	24%	406
	65+	87%	14%	52	85%	15%	52
Passenger - Race	Caucasian	78%	22%	656	76%	24%	656
	African American	67%	33%	12	58%	42%	12
	Other	83%	17%	6	83%	17%	6

<sup>a</sup> The June 2007 Clermont County results are the new Baseline county data for fiscal year 2008.

## COLUMBIANA COUNTY

Figure 12 shows that the seat belt usage rate in Columbiana County for all occupants (*drivers and passengers*) increased by 8% between the 2007 Baseline and the June and September Survey; however, 57%, is still well below Ohio’s goal of 85%.

**FIGURE 12 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, the seat belt usage rate for Columbiana County was 56% for drivers and 47% for passengers (Table 12). There was an increase in seat belt use between the 2007 Baseline and the June and September Survey for both drivers and passengers; however these increases were still below the target goal of 85% in Ohio.

**TABLE 12 CROSS-TABULATION OF COLUMBIANA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

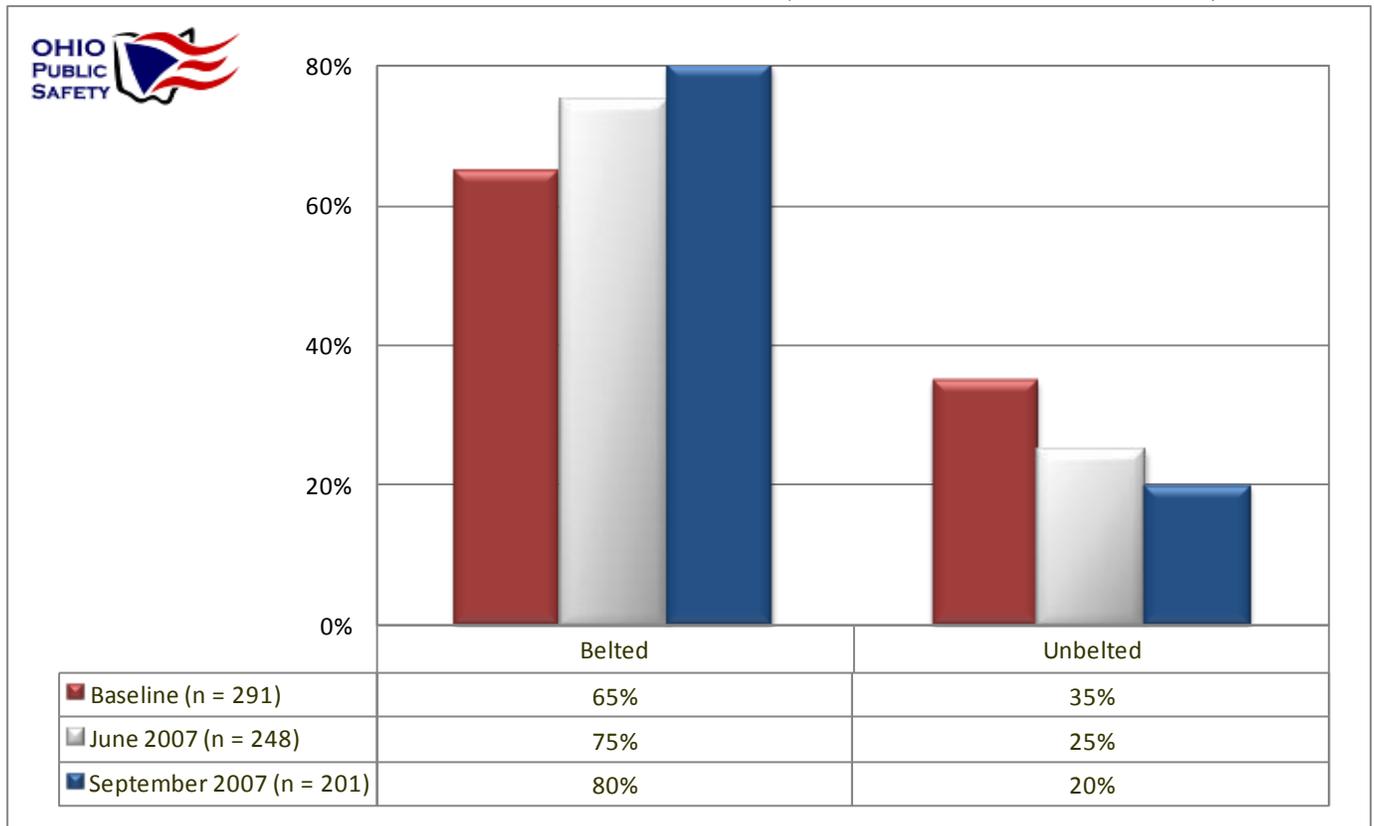
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Columbiana County</b>		<b>56%</b>	<b>44%</b>	<b>1845</b>	<b>47%</b>	<b>53%</b>	<b>307</b>
Survey <sup>a</sup>	Baseline	50%	50%	568	43%	57%	136
	June 2007	58%	42%	620	54%	46%	83
	September 2007	59%	41%	657	48%	52%	88
Vehicle Type	Passenger Car	57%	43%	1022	46%	54%	193
	Van/Minivan	68%	33%	163	56%	44%	27
	SUV	62%	38%	257	53%	47%	34
	Pickup Truck	43%	57%	403	43%	57%	53
Driver - Sex	Male	49%	51%	977	49%	51%	201
	Female	63%	37%	866	43%	57%	106
Driver - Age	15 - 25	34%	66%	331	22%	79%	65
	26 - 64	57%	43%	1192	48%	52%	171
	64+	73%	27%	322	69%	31%	71
Driver - Race	Caucasian	56%	44%	1819	48%	52%	299
	African American	26%	74%	19		100%	4
	Other	100%		1			
Passenger - Sex	Male	44%	56%	119	36%	64%	119
	Female	56%	44%	187	55%	46%	187
Passenger - Age	0 - 4		100%	3		100%	3
	5 - 14	59%	41%	22	59%	41%	22
	15 - 25	39%	61%	77	33%	68%	77
	26 - 64	47%	53%	136	43%	57%	136
	65+	71%	29%	69	70%	30%	69
Passenger - Race	Caucasian	51%	49%	302	48%	52%	302
	African American	25%	75%	4		100%	4
	Other		100%	1		100%	1

<sup>a</sup> The September 2007 Columbiana County results are the new Baseline county data for fiscal year 2008.

## CRAWFORD COUNTY

Seat belt usage in Crawford County for all occupants (*drivers and passengers*) increased steadily between the 2007 Baseline and the June and September Surveys, rising to 80%, (i.e., within 5% of NHTSA's 85% usage rate goal for Ohio) (Figure 13).

**FIGURE 13 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



According to Table 13, the overall seat belt usage rate was 72% for drivers and 75% for passengers in Crawford County (Table 13). Observed seat belt use increased from the 2007 Baseline Survey to the September Survey for both drivers and passengers.

**TABLE 13 CROSS-TABULATION OF CRAWFORD COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

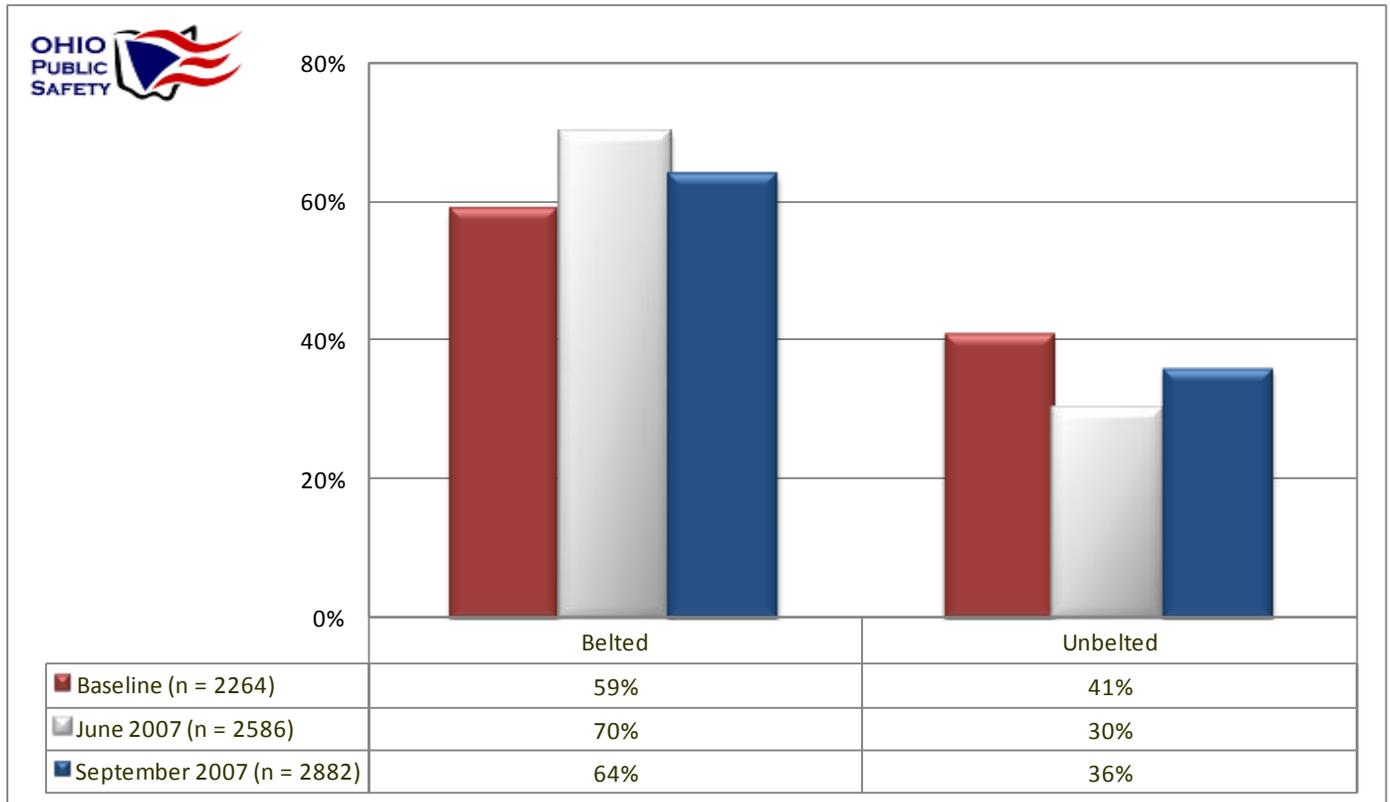
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Crawford County</b>		<b>72%</b>	<b>28%</b>	<b>555</b>	<b>75%</b>	<b>25%</b>	<b>185</b>
Survey <sup>a</sup>	Baseline	64%	36%	218	70%	30%	73
	June 2007	76%	24%	187	72%	28%	61
	September 2007	78%	22%	150	84%	16%	51
Vehicle Type	Passenger Car	72%	28%	278	75%	25%	92
	Van/Minivan	81%	20%	82	75%	25%	40
	SUV	78%	22%	81	87%	13%	23
	Pickup Truck	60%	40%	114	63%	37%	30
Driver - Sex	Male	70%	30%	317	72%	29%	123
	Female	74%	26%	238	81%	19%	62
Driver - Age	15 - 25	62%	38%	90	52%	48%	23
	26 - 64	72%	28%	356	76%	24%	116
	64+	79%	21%	109	83%	17%	46
Driver - Race	Caucasian	72%	28%	546	74%	26%	183
	African American	50%	50%	2			
	Other	100%		3			
Passenger - Sex	Male	65%	35%	66	67%	33%	66
	Female	73%	27%	119	79%	21%	119
Passenger - Age	0 - 4	100%		2	100%		2
	5 - 14	53%	47%	30	73%	27%	30
	15 - 25	69%	31%	32	63%	38%	32
	26 - 64	73%	27%	78	72%	28%	78
	65+	77%	23%	43	88%	12%	43
Passenger - Race	Caucasian	71%	30%	183	75%	25%	183
	Other	50%	50%	2	50%	50%	2

<sup>a</sup> The September 2007 Crawford County results are the new Baseline county data for fiscal year 2008.

## CUYAHOGA COUNTY

The seat belt usage rate in Cuyahoga County for all occupants (*drivers and passengers*) increased 11% between the 2007 Baseline Survey (59%) and the June Survey (70%); however, usage rates decreased again during the September Survey to 64% (Figure 14).

**FIGURE 14 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 65% of the observed drivers and 62% of passengers in Cuyahoga County were belted (Table 14). While there was an increase in seat belt use between the 2007 Baseline and the June Survey for both drivers and passengers; these rates decreased during the September Survey. Special efforts to target pickup truck occupants, males, occupants ages 15-25, and African American occupants should increase the effectiveness of any further initiatives.

**TABLE 14 CROSS-TABULATION OF CUYAHOGA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

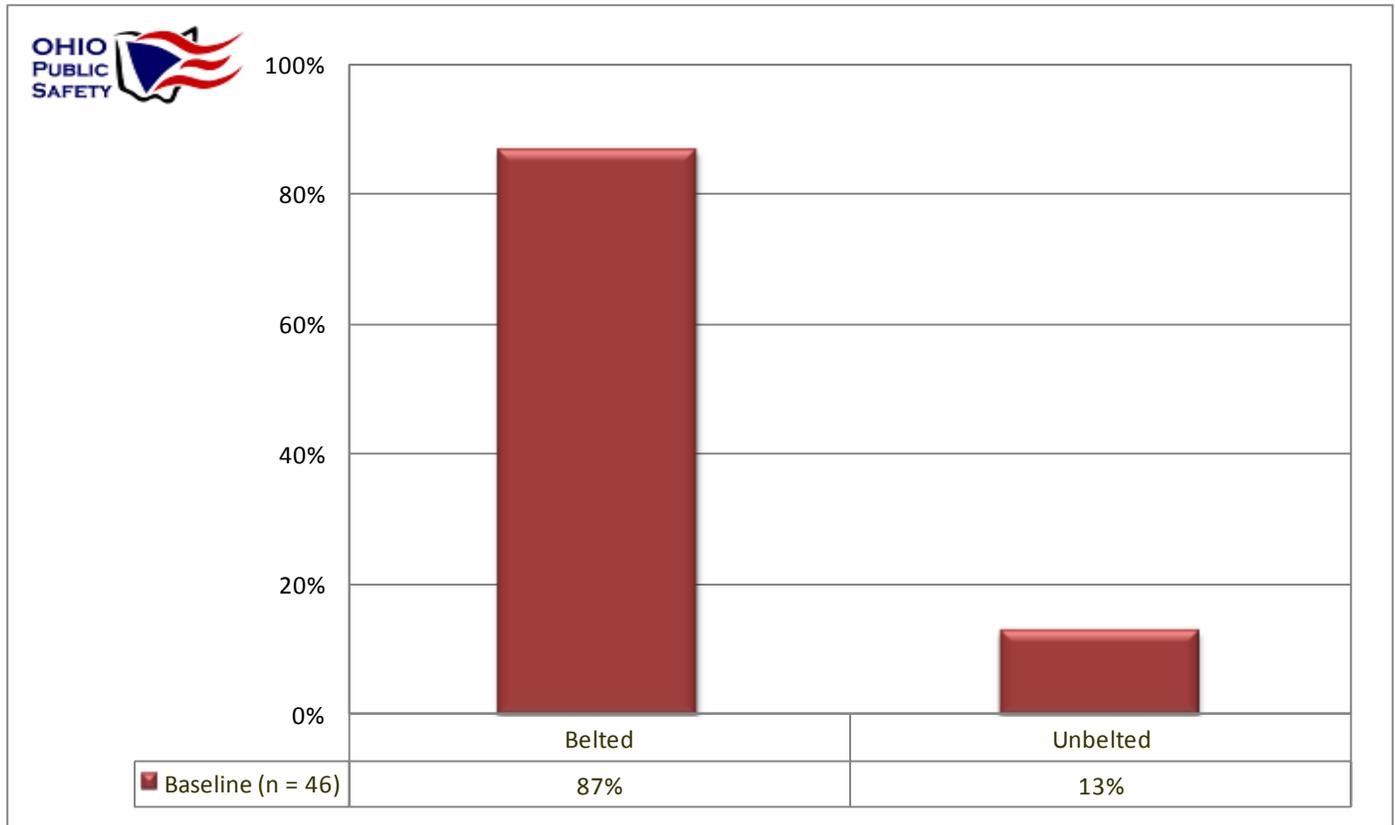
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Cuyahoga County</b>		<b>65%</b>	<b>35%</b>	<b>6715</b>	<b>62%</b>	<b>38%</b>	<b>1017</b>
Survey <sup>a</sup>	Baseline	60%	40%	1907	57%	43%	357
	June 2007	70%	30%	2180	67%	33%	406
	September 2007	64%	36%	2628	59%	41%	254
Vehicle Type	Passenger Car	66%	34%	4125	64%	36%	604
	Van/Minivan	66%	34%	762	59%	41%	138
	SUV	69%	31%	1163	67%	33%	183
	Pickup Truck	49%	51%	654	39%	61%	89
Driver - Sex	Male	61%	39%	3863	60%	41%	605
	Female	71%	29%	2838	65%	35%	407
Driver - Age	15 - 25	57%	43%	417	50%	50%	90
	26 - 64	65%	35%	5394	61%	39%	723
	64+	70%	30%	896	68%	32%	198
Driver - Race	Caucasian	68%	33%	5230	65%	36%	747
	African American	55%	45%	1358	53%	47%	241
	Other	75%	25%	109	60%	40%	25
Passenger - Sex	Male	57%	43%	380	46%	55%	380
	Female	71%	29%	636	71%	29%	635
Passenger - Age	0 - 4	57%	43%	7	57%	43%	7
	5 - 14	72%	28%	88	69%	31%	88
	15 - 25	61%	39%	170	54%	46%	171
	26 - 64	61%	39%	540	59%	41%	538
	65+	78%	22%	210	70%	30%	210
Passenger - Race	Caucasian	69%	31%	759	65%	35%	758
	African American	54%	47%	228	50%	50%	228
	Other	68%	32%	28	54%	46%	28

<sup>a</sup> The June 2007 Cuyahoga County results are the new Baseline county data for fiscal year 2008.

## DARKE COUNTY

The 2007 Baseline data indicate that 87% of all observed occupants (*drivers and passengers*) in the county were belted (Figure 15). However, it should be noted that these findings are based on a very small number of observations (40 observed drivers and 6 observed passengers). Only baseline data was submitted for Darke County during the 2007 evaluation year.

**FIGURE 15 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The very small number of observations makes it difficult to draw meaningful conclusions; however, overall, 85% of drivers and all of the six passengers were belted (Table 15).

**TABLE 15 CROSS-TABULATION OF DARKE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Darke County</b>		<b>85%</b>	<b>15%</b>	<b>40</b>	<b>100%</b>		<b>6</b>
Survey <sup>a</sup>	Baseline	85%	15%	40	100%		6
Vehicle Type	Passenger Car	76%	24%	21	100%		3
	Van/Minivan	100%		5			
	SUV	100%		5	100%		1
	Pickup Truck	88%	13%	8	100%		2
Driver - Sex	Male	86%	14%	22	100%		5
	Female	88%	13%	16	100%		1
Driver - Age	15 - 25	43%	57%	7	100%		1
	26 - 64	96%	4%	24	100%		4
	64+	100%		8	100%		1
Driver - Race	Caucasian	87%	14%	37	100%		5
Passenger - Sex	Male	100%		2	100%		2
	Female	100%		4	100%		4
Passenger - Age	15 - 25	100%		2	100%		2
	26 - 64	100%		4	100%		4
Passenger - Race	Caucasian	100%		4	100%		4

<sup>a</sup> The Baseline 2007 Darke County results are the new Baseline county data for fiscal year 2008.

## DELAWARE COUNTY

The seat belt usage rate in Delaware County for all occupants (*drivers and passengers*) increased slightly between the 2007 Baseline Survey and the June Survey (Figure 16). A 10% decline in seat belt use occurred from the June (80%) to September Survey (70%).

**FIGURE 16 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

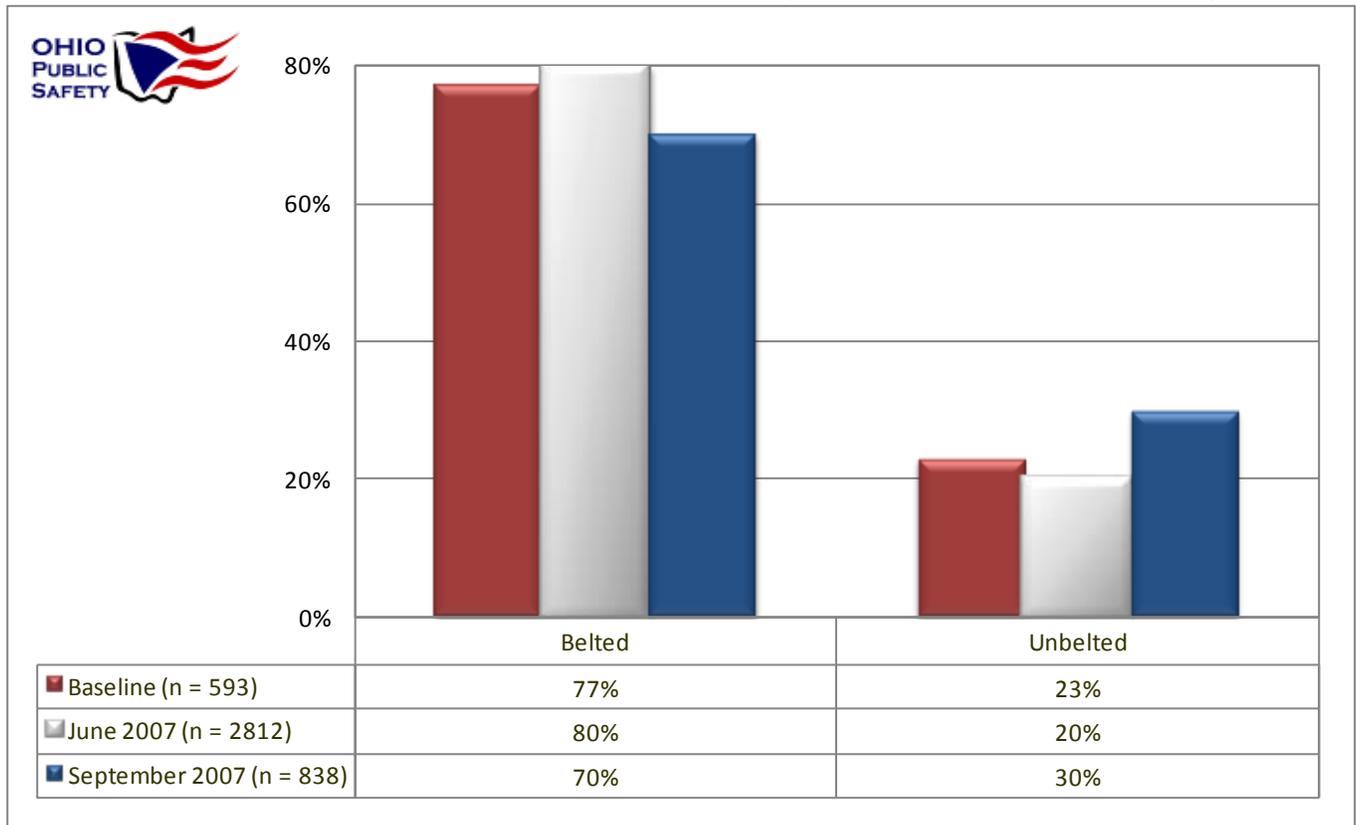


Table 16 shows that overall, 78% of the drivers and 77% of passengers were belted. There was a slight increase in seat belt use between the 2007 Baseline and June Survey for both drivers and passengers; however, this was followed by a decrease in usage among drivers during the September Survey.

**TABLE 16 CROSS-TABULATION OF DELAWARE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

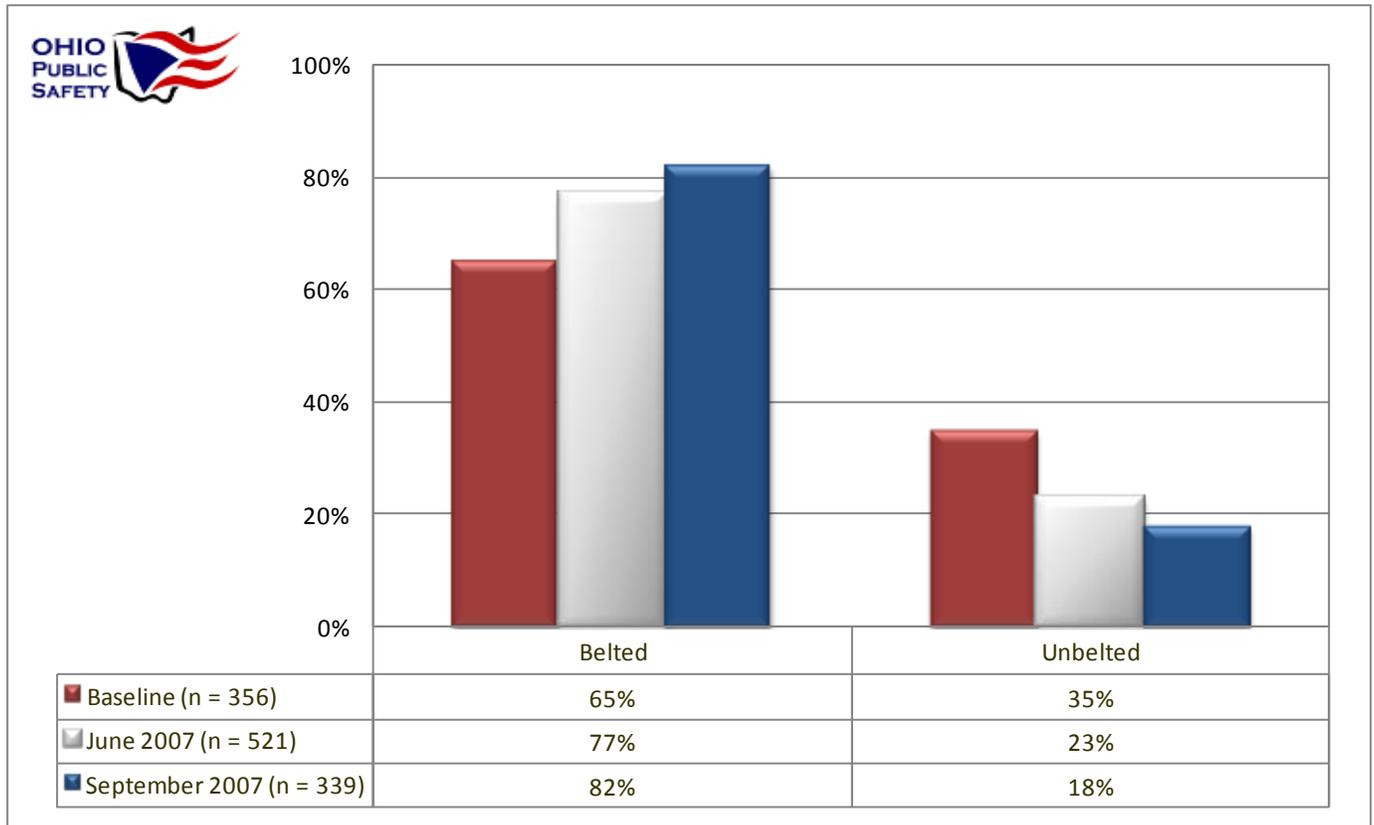
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Delaware County</b>		<b>78%</b>	<b>22%</b>	<b>3510</b>	<b>77%</b>	<b>23%</b>	<b>733</b>
Survey <sup>a</sup>	Baseline	77%	23%	519	76%	24%	74
	June 2007	81%	19%	2259	77%	24%	553
	September 2007	69%	31%	732	78%	22%	106
Vehicle Type	Passenger Car	79%	21%	1746	76%	24%	364
	Van/Minivan	83%	17%	456	82%	18%	114
	SUV	79%	21%	732	85%	15%	151
	Pickup Truck	70%	31%	570	60%	40%	104
Driver - Sex	Male	75%	25%	1937	75%	25%	435
	Female	82%	18%	1564	79%	21%	298
Driver - Age	15 - 25	67%	33%	427	61%	39%	87
	26 - 64	79%	21%	2680	78%	22%	526
	64+	83%	17%	400	83%	17%	119
Driver - Race	Caucasian	78%	22%	3337	77%	23%	682
	African American	78%	22%	50	82%	18%	11
	Other	78%	22%	86	67%	33%	27
Passenger - Sex	Male	82%	18%	294	73%	27%	294
	Female	85%	15%	440	79%	21%	439
Passenger - Age	0 - 4		100%	2	50%	50%	2
	5 - 14	83%	17%	117	82%	18%	117
	15 - 25	76%	24%	125	62%	38%	125
	26 - 64	86%	14%	360	79%	21%	359
	65+	87%	13%	130	80%	20%	130
Passenger - Race	Caucasian	84%	16%	684	78%	22%	683
	African American	93%	7%	14	86%	14%	14
	Other	77%	23%	30	53%	47%	30

<sup>a</sup> The June 2007 Delaware County results are the new Baseline county data for fiscal year 2008.

## ERIE COUNTY

A steady increase for all occupants (*drivers and passengers*) in seat belt use for Erie County can be seen throughout the 2007 evaluation. The September Survey shows an 82% usage rate which is within 3% of NHTSA's target of an 85% usage rate for the state of Ohio.

**FIGURE 17 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



According to Table 17, overall, 75% of the drivers and 74% of passengers were belted. A steady increase in seat belt use can be seen between the 2007 Baseline and the June and September Surveys for both drivers and passengers. Targeting occupants between 15-25 years of age, males, and African Americans in Erie County could help increase seat belt usage rates.

**TABLE 17 CROSS-TABULATION OF ERIE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

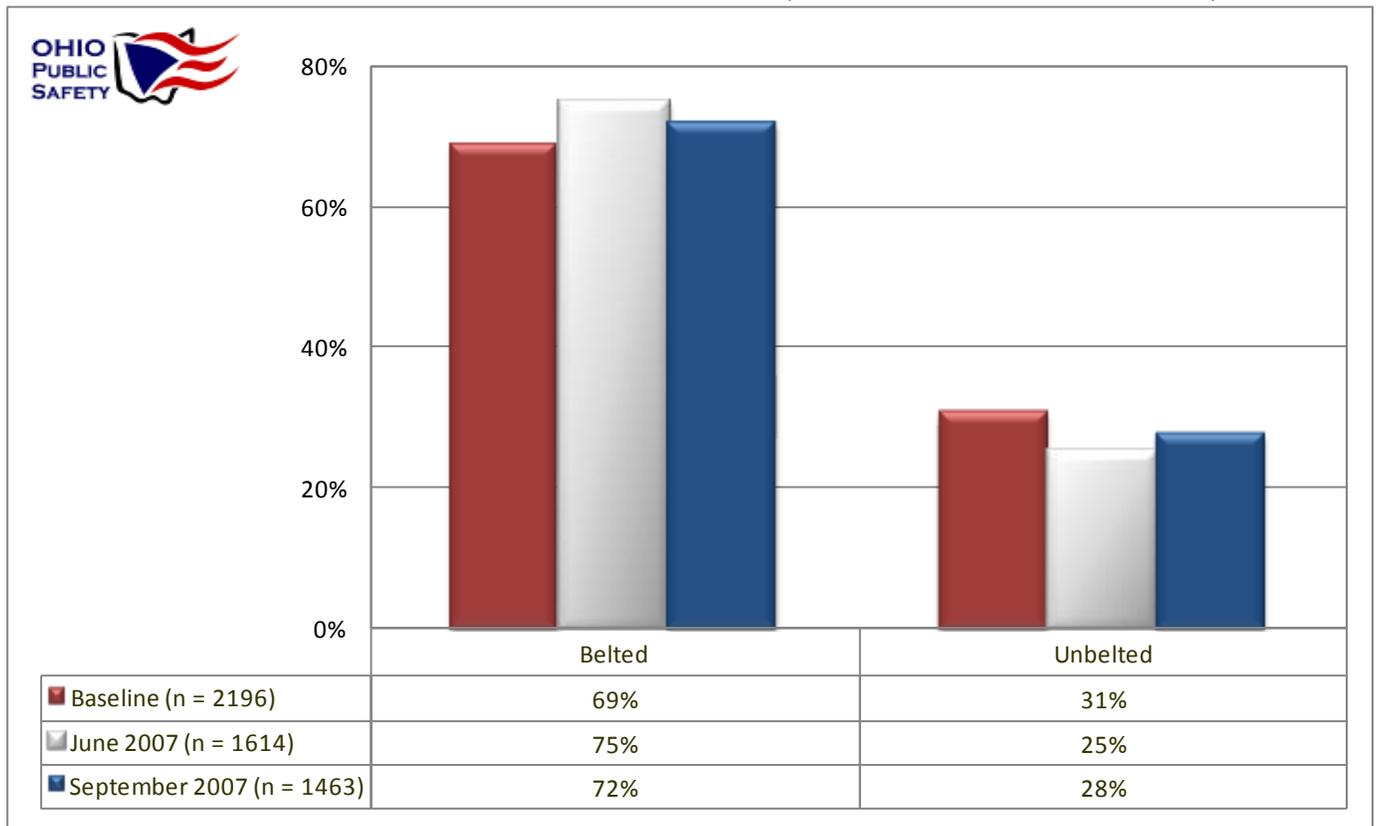
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Erie County</b>		<b>75%</b>	<b>25%</b>	<b>966</b>	<b>74%</b>	<b>26%</b>	<b>250</b>
Survey <sup>a</sup>	Baseline	65%	35%	281	63%	37%	75
	June 2007	78%	22%	411	75%	26%	110
	September 2007	82%	18%	274	85%	15%	65
Vehicle Type	Passenger Car	76%	24%	450	72%	29%	123
	Van/Minivan	76%	24%	129	74%	26%	42
	SUV	76%	24%	167	81%	19%	36
	Pickup Truck	73%	27%	218	73%	27%	48
Driver - Sex	Male	73%	27%	508	74%	26%	130
	Female	78%	22%	457	73%	27%	119
Driver - Age	15 - 25	67%	33%	125	61%	39%	44
	26 - 64	75%	25%	630	72%	29%	130
	64+	82%	18%	210	84%	16%	75
Driver - Race	Caucasian	78%	22%	872	78%	22%	219
	African American	46%	54%	80	39%	62%	26
	Other	71%	29%	7	50%	50%	2
Passenger - Sex	Male	69%	31%	101	64%	36%	101
	Female	82%	18%	147	80%	20%	147
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	94%	6%	16	94%	6%	16
	15 - 25	53%	47%	47	53%	47%	47
	26 - 64	77%	23%	119	71%	29%	119
	65+	88%	12%	65	88%	12%	65
Passenger - Race	Caucasian	83%	17%	207	79%	21%	207
	African American	42%	58%	33	42%	58%	33
	Other	50%	50%	2	50%	50%	2

<sup>a</sup> The September 2007 Erie County results are the new Baseline county data for fiscal year 2008.

## FAIRFIELD COUNTY

According to Figure 18, seat belt usage rates in Fairfield County for all occupants (*drivers and passengers*) increased from 69% during the Baseline Survey to 75% for the June Survey. The September Survey then showed a slight decrease; down to 72%.

**FIGURE 18 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 72% of drivers and 70% of passengers in Fairfield County were belted (Table 18). There was an increase in seat belt use between the 2007 Baseline and the June Survey for both drivers and passengers. The September Survey, however, indicated a slight decrease over June. Further initiatives targeting pickup truck occupants, males, and drivers 25 years of age and younger, should help Fairfield County reach the 85% goal set by NHTSA for seat belt usage rates in Ohio.

**TABLE 18 CROSS-TABULATION OF FAIRFIELD COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

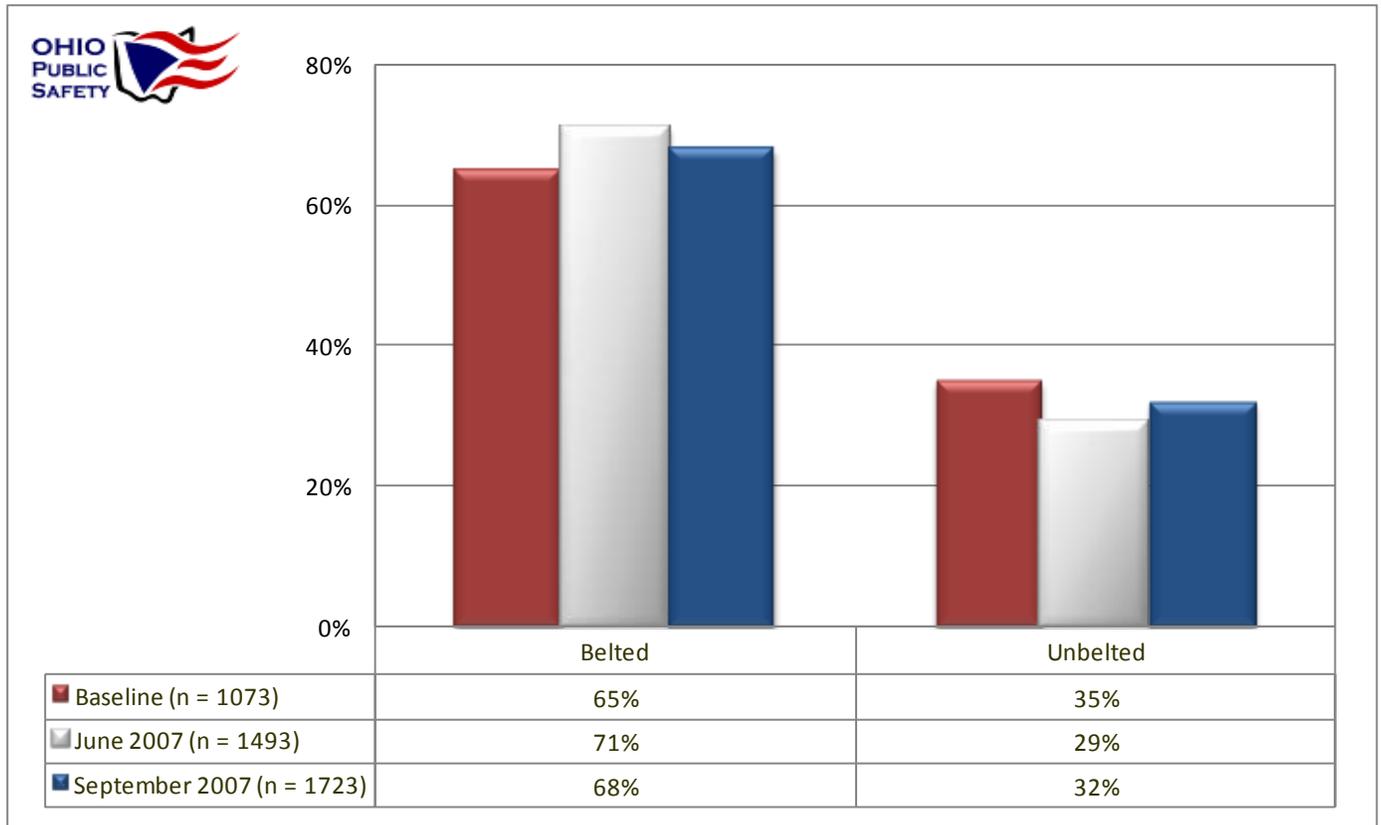
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Fairfield County</b>		<b>72%</b>	<b>28%</b>	<b>4345</b>	<b>70%</b>	<b>31%</b>	<b>928</b>
Survey <sup>a</sup>	Baseline	70%	30%	1895	63%	37%	301
	June 2007	76%	24%	1275	73%	27%	339
	September 2007	72%	28%	1175	72%	28%	288
Vehicle Type	Passenger Car	73%	27%	2143	69%	31%	427
	Van/Minivan	79%	21%	574	74%	27%	155
	SUV	76%	24%	822	76%	24%	189
	Pickup Truck	61%	39%	806	58%	42%	157
Driver - Sex	Male	67%	33%	2318	68%	32%	557
	Female	79%	21%	2020	72%	28%	367
Driver - Age	15 - 25	65%	35%	847	60%	40%	161
	26 - 64	74%	26%	3022	70%	30%	632
	64+	75%	25%	468	79%	21%	133
Driver - Race	Caucasian	72%	28%	4134	69%	31%	877
	African American	74%	27%	155	77%	24%	34
	Other	65%	35%	17	50%	50%	2
Passenger - Sex	Male	69%	32%	308	60%	40%	308
	Female	75%	25%	616	74%	26%	619
Passenger - Age	0 - 4	88%	13%	8	75%	25%	8
	5 - 14	79%	22%	121	74%	26%	121
	15 - 25	61%	39%	221	61%	39%	222
	26 - 64	74%	26%	447	69%	31%	448
	65+	83%	17%	127	81%	20%	128
Passenger - Race	Caucasian	73%	28%	868	69%	31%	871
	African American	85%	15%	33	79%	21%	33
	Other	80%	20%	5	80%	20%	5

<sup>a</sup> The June 2007 Fairfield County results are the new Baseline county data for fiscal year 2008.

## FRANKLIN COUNTY

A 6% increase from the Baseline Survey (65%) to the June Survey (71%) is shown for all occupants (*drivers and passengers*) in Franklin County (Figure 19). Unfortunately, the results of the September Survey show a decrease down to 68%.

**FIGURE 19 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The overall results for Franklin County show that 70% of drivers and 60% of passengers were belted (Table 19). There was an increase in seat belt use between the 2007 Baseline and the June Survey for both drivers and passengers; however, usage rates for both slightly decreased during the September Survey. Targeting pickup truck drivers and their passengers, drivers and passengers between the ages of 15 and 25, males, and African Americans in future initiatives should help Franklin County reach the 85% usage rate goal set by NHTSA.

**TABLE 19 CROSS-TABULATION OF FRANKLIN COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

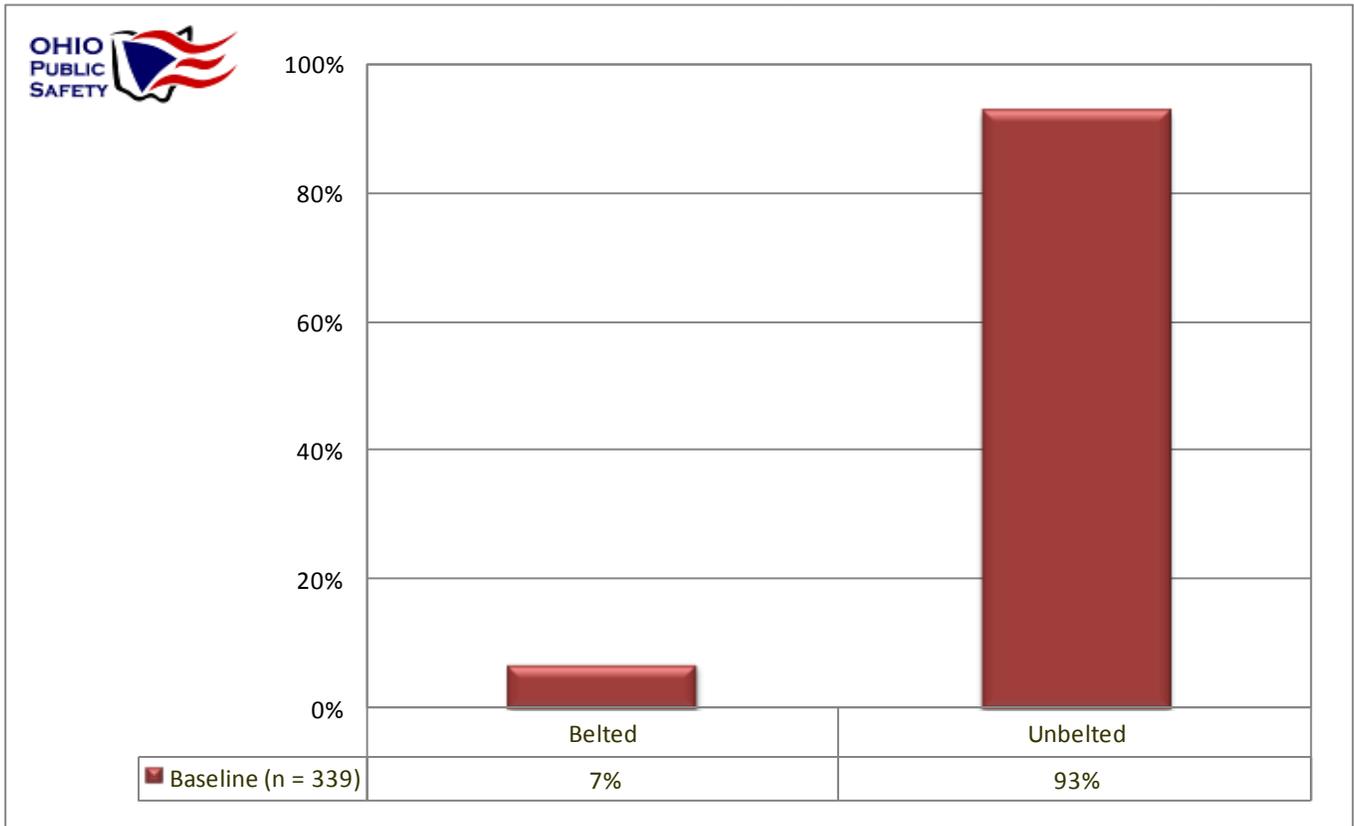
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Franklin County</b>		<b>70%</b>	<b>30%</b>	<b>3512</b>	<b>60%</b>	<b>40%</b>	<b>777</b>
Survey <sup>a</sup>	Baseline	67%	33%	889	57%	43%	184
	June 2007	73%	27%	1217	65%	36%	276
	September 2007	70%	30%	1406	59%	41%	317
Vehicle Type	Passenger Car	73%	27%	1989	61%	39%	442
	Van/Minivan	68%	32%	433	56%	44%	100
	SUV	72%	28%	630	70%	30%	138
	Pickup Truck	56%	44%	455	50%	50%	94
Driver - Sex	Male	66%	35%	1962	60%	40%	438
	Female	76%	24%	1532	61%	40%	334
Driver - Age	15 - 25	60%	41%	442	47%	54%	114
	26 - 64	71%	29%	2688	61%	39%	568
	64+	76%	24%	372	74%	26%	92
Driver - Race	Caucasian	71%	29%	2877	63%	38%	643
	African American	61%	39%	451	46%	54%	82
	Other	70%	30%	149	55%	45%	40
Passenger - Sex	Male	63%	37%	298	55%	45%	298
	Female	70%	31%	476	63%	37%	478
Passenger - Age	0 - 4	17%	83%	6	33%	67%	6
	5 - 14	66%	34%	86	64%	36%	86
	15 - 25	59%	41%	243	47%	54%	243
	26 - 64	69%	31%	345	64%	36%	345
	65+	87%	13%	92	80%	20%	94
Passenger - Race	Caucasian	68%	32%	630	63%	37%	632
	African American	55%	45%	83	46%	54%	83
	Other	69%	31%	48	48%	52%	48

<sup>a</sup> The June 2007 Franklin County results are the new Baseline county data for fiscal year 2008.

# GALLIA COUNTY

Figure 20 shows that only 7% of all observed occupants (*drivers and passengers*) in Gallia County were belted. While only 339 occupants were observed, this rate is extremely low compared to Ohio’s seat belt use goal of 85%. Baseline Surveys were the only data submitted for analysis by Gallia County.

**FIGURE 20 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Due to the extremely low usage rates reported for Gallia County for all populations (Table 20), it is recommended that initiatives in this county to increase seat belt use become as comprehensive as possible.

**TABLE 20 CROSS-TABULATION OF GALLIA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Gallia County</b>		<b>5%</b>	<b>96%</b>	<b>266</b>	<b>18%</b>	<b>82%</b>	<b>73</b>
Survey <sup>a</sup>	Baseline	5%	96%	266	18%	82%	73
Vehicle Type	Passenger Car	5%	95%	125	18%	82%	34
	Van/Minivan	5%	95%	20	33%	67%	9
	SUV	2%	98%	45		100%	8
	Pickup Truck	5%	95%	76	18%	82%	22
Driver - Sex	Male	4%	96%	145	19%	81%	48
	Female	5%	95%	121	16%	84%	25
Driver - Age	15 - 25	6%	94%	34	13%	88%	8
	26 - 64	5%	95%	198	16%	84%	50
	64+		100%	33	29%	71%	14
Driver - Race	Caucasian	5%	95%	256	19%	81%	68
	African American		100%	4		100%	2
Passenger - Sex	Male	24%	77%	17	12%	88%	17
	Female	15%	86%	55	20%	80%	56
Passenger - Age	0 - 4		100%	3	67%	33%	3
	5 - 14	33%	67%	3		100%	3
	15 - 25	17%	83%	12	25%	75%	12
	26 - 64	21%	80%	39	13%	87%	39
	65+	7%	93%	15	19%	81%	16
Passenger - Race	Caucasian	17%	83%	72	18%	82%	73

<sup>a</sup> The Baseline 2007 Gallia County results are the new Baseline county data for fiscal year 2008.

## GEAUGA COUNTY

According to Figure 21, seat belt use in Geauga County for all occupants (*drivers and passengers*) increased by 20% between the 2007 Baseline (57%) and June Survey (77%). The rate then decreased slightly to 75% during the September Survey. Despite the increase from the Baseline Survey, this usage rate is still below NHTSA's target of an 85% usage rate for Ohio.

**FIGURE 21 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

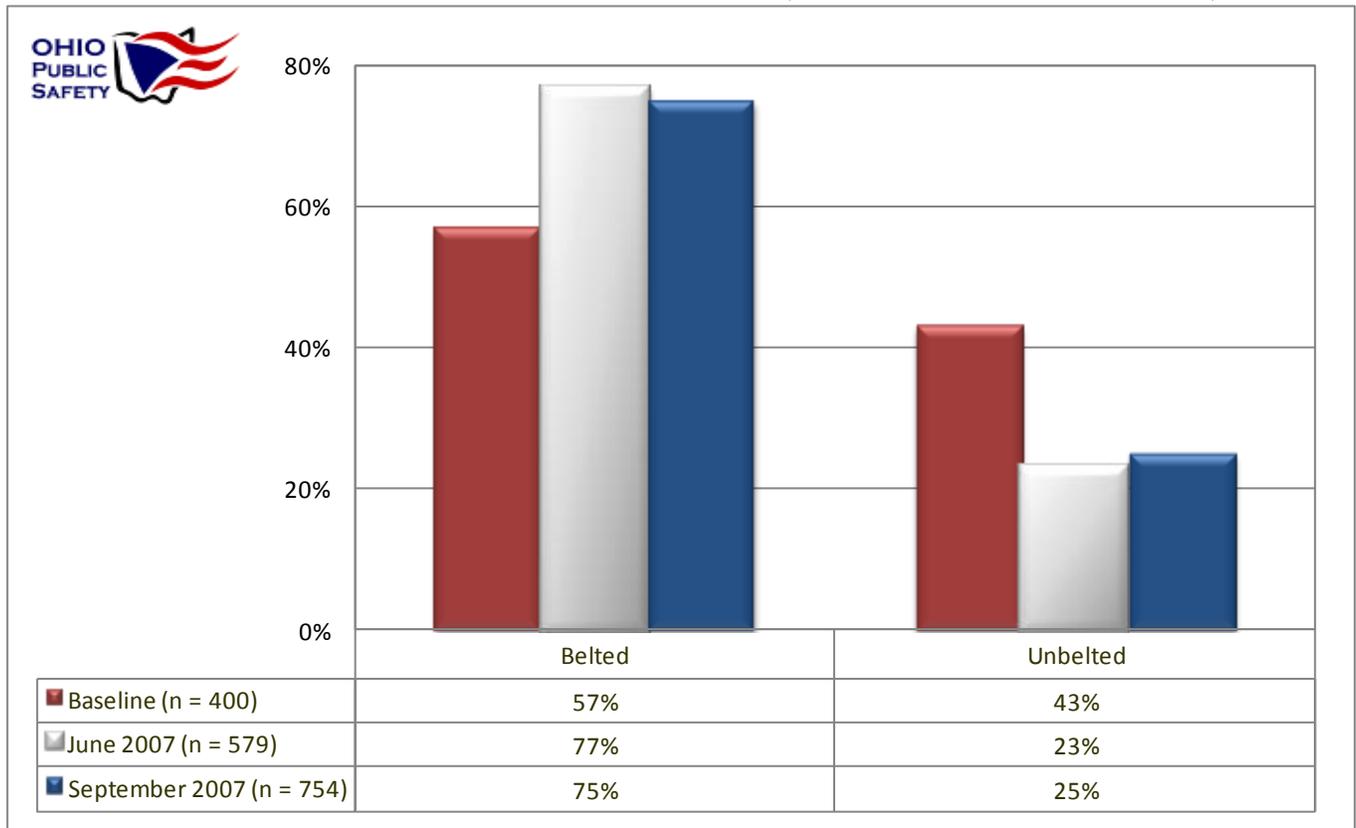


Table 21 illustrates that 72% of observed drivers and 70% of observed passengers were belted. While a substantial increase occurred between the Baseline and June Surveys, this was followed by a slight decrease during the September Survey period. Efforts to increase seat belt use should focus on both drivers and passengers of vans/minivans and pickup trucks, and males. This should help Geauga County reach the 85% target for seat belt use in Ohio.

**TABLE 21 CROSS-TABULATION OF GEAUGA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

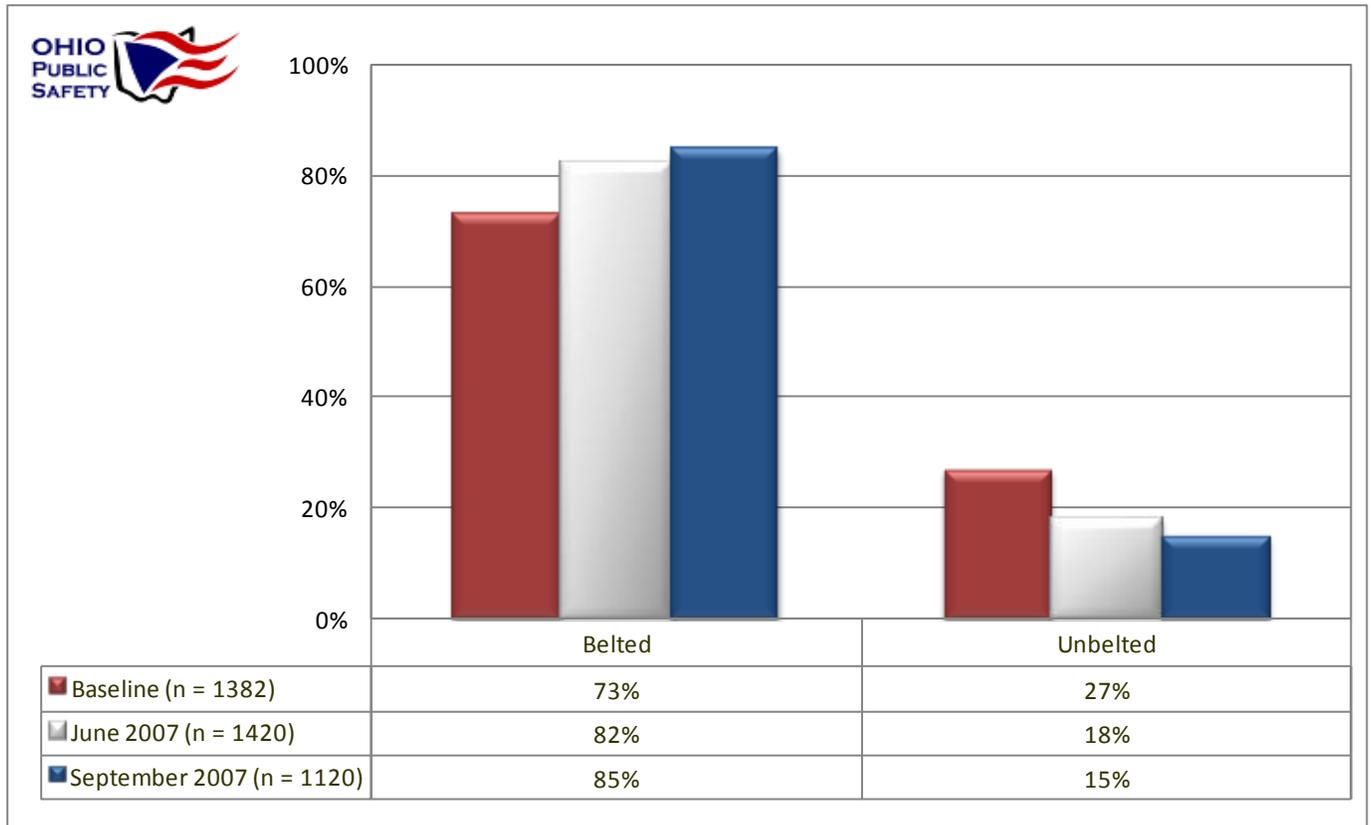
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Geauga County</b>		<b>72%</b>	<b>29%</b>	<b>1440</b>	<b>70%</b>	<b>30%</b>	<b>293</b>
Survey <sup>a</sup>	Baseline	58%	42%	327	53%	47%	73
	June 2007	77%	23%	480	78%	22%	99
	September 2007	75%	25%	633	74%	26%	121
Vehicle Type	Passenger Car	76%	24%	627	75%	25%	111
	Van/Minivan	65%	35%	220	64%	36%	70
	SUV	74%	26%	255	74%	26%	57
	Pickup Truck	66%	34%	335	65%	35%	54
Driver - Sex	Male	66%	34%	858	67%	33%	173
	Female	80%	21%	576	75%	25%	118
Driver - Age	15 - 25	66%	34%	215	66%	34%	35
	26 - 64	73%	27%	1087	71%	29%	225
	64+	69%	31%	131	69%	31%	29
Driver - Race	Caucasian	71%	29%	1366	69%	31%	260
	African American	76%	24%	25	67%	33%	9
	Other	63%	38%	8	75%	25%	4
Passenger - Sex	Male	69%	31%	126	56%	44%	125
	Female	82%	18%	168	80%	20%	168
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	87%	13%	31	80%	20%	30
	15 - 25	76%	24%	74	66%	34%	74
	26 - 64	74%	26%	168	69%	32%	168
	65+	79%	21%	19	79%	21%	19
Passenger - Race	Caucasian	76%	24%	253	71%	29%	252
	African American	75%	25%	8	63%	38%	8
	Other	75%	25%	4	75%	25%	4

<sup>a</sup> The June 2007 Geauga County results are the new Baseline county data for fiscal year 2008.

## GREENE COUNTY

Results for Greene County show that a steady increase occurred for all occupants (*drivers and passengers*) from the 2007 Baseline Survey through the September Survey (Figure 22). The September Survey results indicate that Greene County reached NHTSA's target for Ohio which is an 85% seat belt usage rate.

**FIGURE 22 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 80% of Greene County's drivers and 76% of its passengers were belted. There was a steady increase in seat belt use between the 2007 Baseline and the June and September Surveys for both drivers and passengers. Demographic information for these observations was incomplete with respect to age and race of those observed; however, the survey results indicate that targeting pickup truck occupants should help to further increase the seat belt usage rate in Greene County. Future observation surveys in Greene County should record complete demographic data on drivers and passengers in order to help determine the focus of seat belt use initiatives.

**TABLE 22 CROSS-TABULATION OF GREENE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

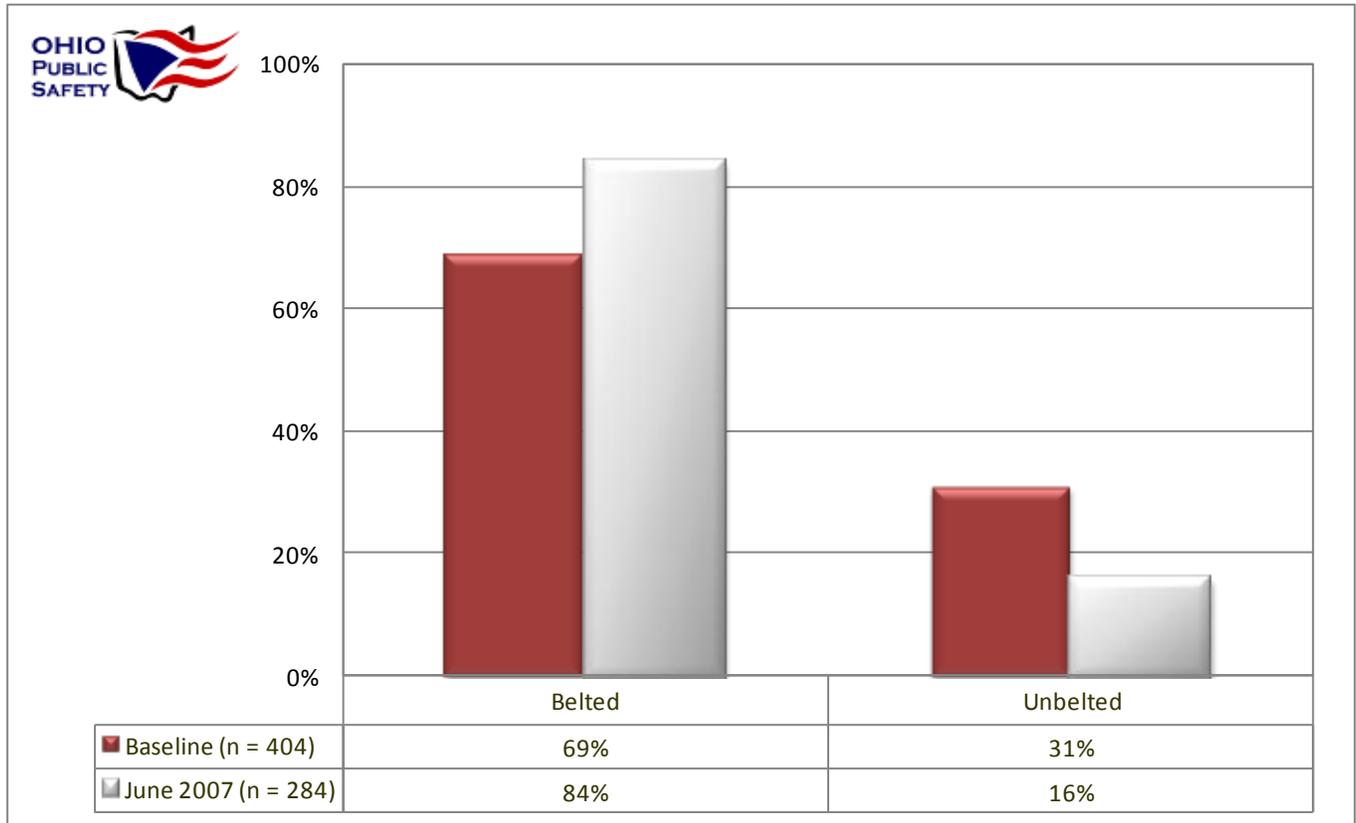
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Greene County</b>		<b>80%</b>	<b>20%</b>	<b>3350</b>	<b>76%</b>	<b>24%</b>	<b>572</b>
Survey <sup>a</sup>	Baseline	74%	26%	1177	70%	30%	205
	June 2007	83%	17%	1209	78%	22%	211
	September 2007	85%	15%	964	83%	17%	156
Vehicle Type	Passenger Car	82%	19%	1897	75%	25%	324
	Van/Minivan	86%	14%	387	87%	13%	78
	SUV	84%	16%	553	82%	18%	93
	Pickup Truck	67%	33%	512	65%	36%	76
Driver - Sex	Male	76%	24%	1776	74%	26%	323
	Female	86%	14%	1535	79%	21%	246
Passenger - Sex	Male	78%	22%	223	71%	29%	223
	Female	84%	16%	342	80%	20%	342
Passenger - Age	5 - 14	100%		4	75%	25%	4

<sup>a</sup> The September 2007 Greene County results are the new Baseline county data for fiscal year 2008.

## GUERNSEY COUNTY

There was a 15% increase of seat belt use in Guernsey County for all occupants (*drivers and passengers*) from the 2007 Baseline (69%) and June Survey (84%)(Figure 23). The June usage rate of 84% is well within reach of NHTSA’s target of an 85% usage rate for the state of Ohio. No data was submitted for the September evaluation period.

**FIGURE 23 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 76% of drivers and 74% of passengers were belted (Table 23). There was an increase in seat belt use from the 2007 Baseline Survey to the June Survey for both drivers and passengers. It is important for Guernsey County to focus seat belt use initiatives on all populations which should further help to increase their seat belt usage rate.

**TABLE 23 CROSS-TABULATION OF GUERNSEY COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Guernsey County</b>		<b>76%</b>	<b>25%</b>	<b>522</b>	<b>74%</b>	<b>26%</b>	<b>166</b>
Survey <sup>a</sup>	Baseline	69%	31%	313	68%	32%	91
	June 2007	85%	15%	209	81%	19%	75
Vehicle Type	Passenger Car	74%	26%	266	67%	33%	79
	Van/Minivan	89%	11%	53	81%	19%	21
	SUV	74%	26%	86	77%	23%	30
	Pickup Truck	75%	25%	115	83%	17%	36
Driver - Sex	Male	73%	27%	300	77%	23%	110
	Female	80%	21%	215	69%	31%	55
Driver - Age	15 - 25	76%	24%	46	71%	29%	17
	26 - 64	76%	24%	422	72%	28%	122
	64+	74%	26%	53	85%	15%	27
Driver - Race	Caucasian	75%	25%	500	73%	27%	157
	African American	100%		3	100%		1
	Other	80%	20%	10	67%	33%	3
Passenger - Sex	Male	59%	41%	64	59%	41%	64
	Female	78%	22%	102	83%	17%	102
Passenger - Age	0 - 4	100%		1		100%	1
	5 - 14	54%	46%	13	62%	39%	13
	15 - 25	61%	39%	33	64%	36%	33
	26 - 64	76%	24%	89	81%	19%	89
	65+	73%	27%	30	73%	27%	30
Passenger - Race	Caucasian	71%	29%	163	74%	26%	163
	Other	100%		1	100%		1

<sup>a</sup> The June 2007 Guernsey County results are the new Baseline county data for fiscal year 2008.

# HAMILTON COUNTY

Figure 24 illustrates that seat belt use in Hamilton County for all occupants (*drivers and passengers*) slightly increased from the Baseline Survey (73%) to the June Survey (77%), and remained at 77% for the September Survey.

**FIGURE 24 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

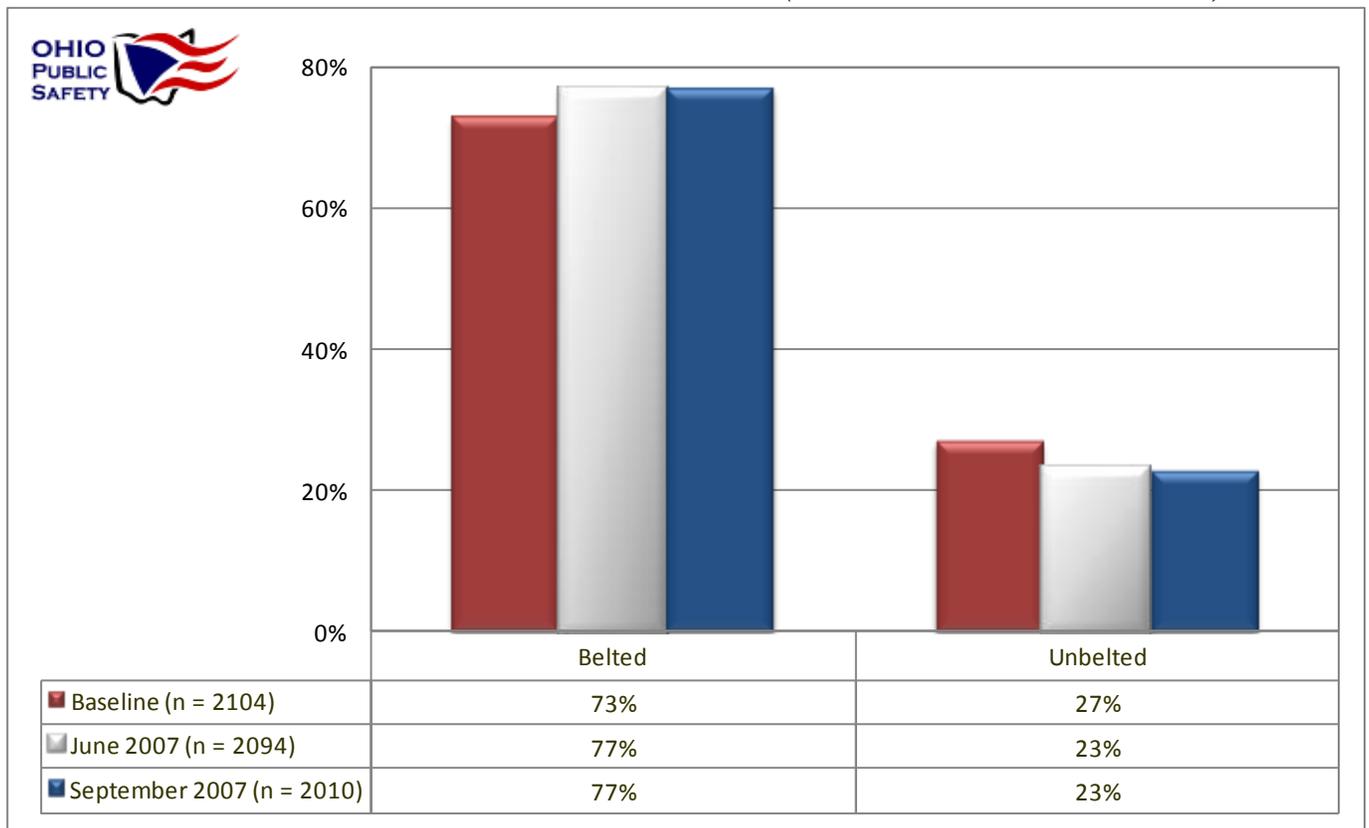


Table 24 shows that 76% of drivers and 71% of passengers in Hamilton County were belted. There was a 4% increase in seat belt use between the Baseline Survey and the June Survey for drivers, with a slight decrease in September; however usage rates for passengers steadily increased. Targeting pickup truck occupants, males, 15-25 year old drivers and passengers, and African Americans in Hamilton County would help increase the seat belt usage rate.

**TABLE 24 CROSS-TABULATION OF HAMILTON COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

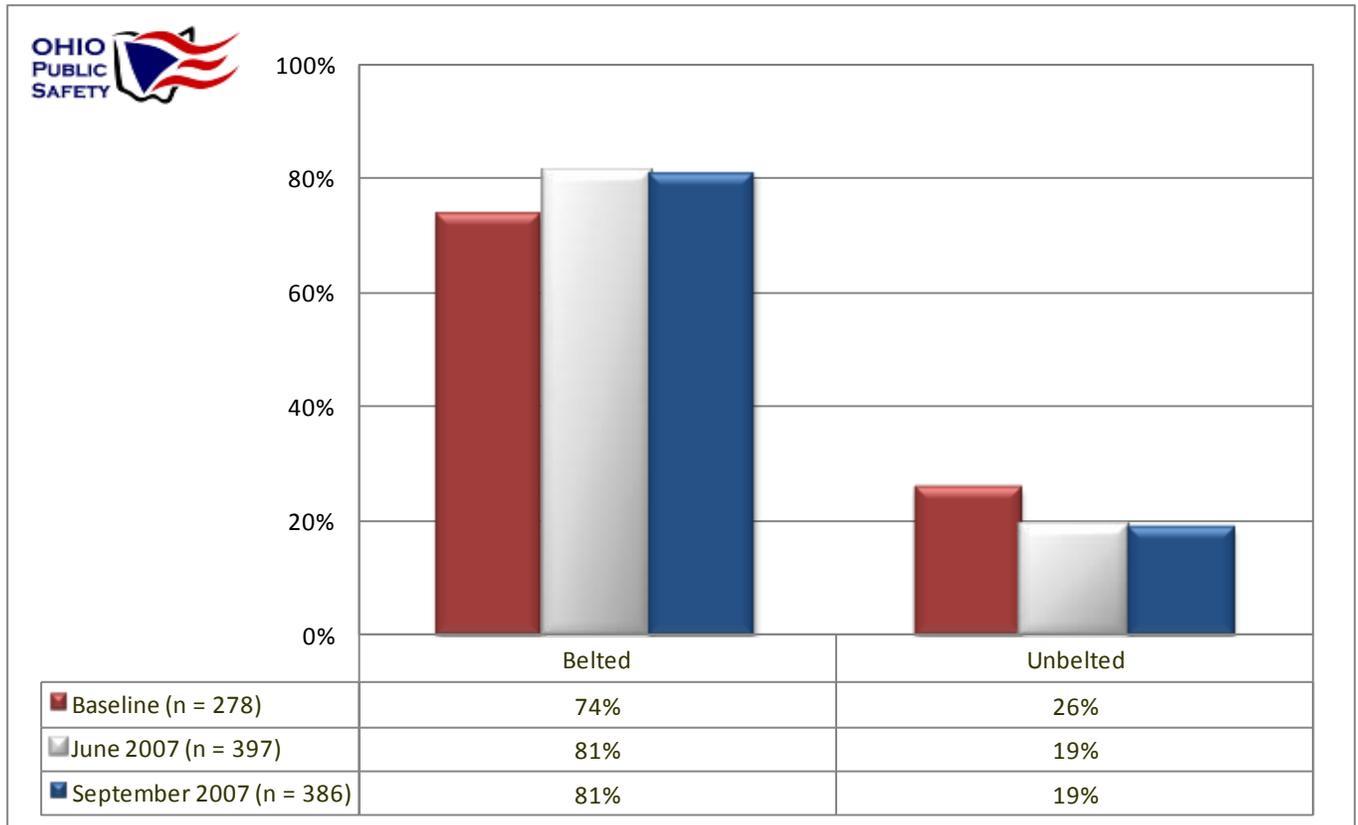
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Hamilton County</b>		<b>76%</b>	<b>24%</b>	<b>5230</b>	<b>71%</b>	<b>29%</b>	<b>978</b>
Survey <sup>a</sup>	Baseline	74%	26%	1766	67%	33%	338
	June 2007	78%	22%	1727	72%	28%	367
	September 2007	77%	23%	1737	75%	25%	273
Vehicle Type	Passenger Car	77%	23%	2949	71%	30%	526
	Van/Minivan	81%	19%	703	78%	22%	156
	SUV	79%	21%	1016	79%	21%	191
	Pickup Truck	62%	38%	552	51%	49%	102
Driver - Sex	Male	72%	28%	2846	68%	32%	556
	Female	81%	19%	2368	76%	24%	418
Driver - Age	15 - 25	67%	33%	718	54%	46%	134
	26 - 64	77%	23%	3980	71%	29%	699
	64+	84%	16%	526	88%	12%	144
Driver - Race	Caucasian	79%	21%	3805	76%	24%	674
	African American	67%	33%	1256	58%	42%	258
	Other	78%	22%	148	77%	23%	39
Passenger - Sex	Male	70%	30%	406	61%	39%	406
	Female	80%	20%	562	79%	21%	562
Passenger - Age	0 - 4	77%	23%	13	69%	31%	13
	5 - 14	80%	21%	112	76%	24%	113
	15 - 25	67%	33%	267	58%	42%	267
	26 - 64	76%	24%	433	72%	28%	432
	65+	88%	12%	144	90%	10%	144
Passenger - Race	Caucasian	81%	19%	649	77%	23%	649
	African American	62%	38%	259	57%	43%	259
	Other	84%	16%	43	81%	19%	43

<sup>a</sup> The June 2007 Hamilton County results are the new Baseline county data for fiscal year 2008.

# HANCOCK COUNTY

The seat belt usage rate in Hancock County for all occupants (*drivers and passengers*) increased from 74% to 81% from the Baseline Survey to the June Survey (Figure 25). The usage rate remained at 81% during the September Survey.

**FIGURE 25 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The overall seat belt usage rate in Hancock County was 81% for drivers and 73% for passengers (Table 25). Both drivers and passengers showed an increase from the Baseline Survey to the June Survey. While drivers remained consistent at 82% for the September Survey, passengers decreased to 75%. It is important for Hancock County to focus seat belt use initiatives on all populations, but especially pickup truck occupants, males, drivers and passengers between 15 and 25 years of age, and passengers 26-64 years of age, which should help increase their seat belt usage rate.

**TABLE 25 CROSS-TABULATION OF HANCOCK COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

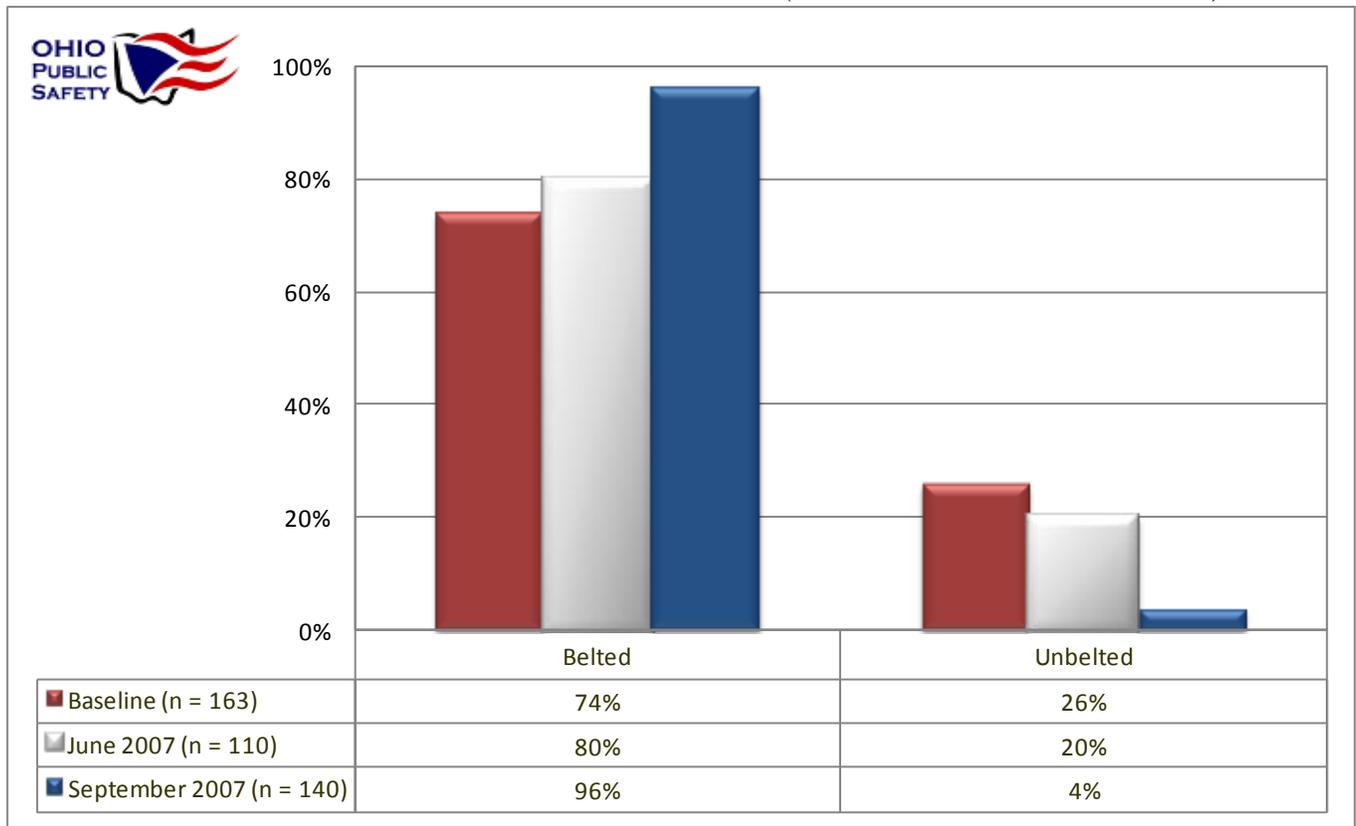
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Hancock County</b>		<b>81%</b>	<b>19%</b>	<b>845</b>	<b>73%</b>	<b>27%</b>	<b>216</b>
Survey <sup>a</sup>	Baseline	78%	22%	221	61%	39%	57
	June 2007	82%	18%	309	80%	21%	88
	September 2007	82%	18%	315	75%	25%	71
Vehicle Type	Passenger Car	83%	17%	429	70%	30%	115
	Van/Minivan	84%	16%	113	78%	22%	32
	SUV	89%	11%	149	81%	19%	37
	Pickup Truck	65%	35%	152	72%	28%	32
Driver - Sex	Male	77%	23%	512	78%	22%	135
	Female	87%	13%	333	65%	35%	81
Driver - Age	15 - 25	77%	23%	156	74%	26%	39
	26 - 64	81%	19%	587	69%	31%	145
	64+	88%	12%	101	91%	9%	32
Driver - Race	Caucasian	81%	19%	821	73%	27%	208
	African American	90%	10%	10	67%	33%	3
	Other	75%	25%	8	67%	33%	3
Passenger - Sex	Male	84%	16%	83	69%	31%	83
	Female	80%	20%	131	76%	24%	131
Passenger - Age	0 - 4	100%		2	100%		2
	5 - 14	75%	25%	32	66%	34%	32
	15 - 25	72%	28%	61	62%	38%	61
	26 - 64	87%	13%	90	77%	23%	90
	65+	94%	7%	31	90%	10%	31
Passenger - Race	Caucasian	84%	16%	208	74%	26%	208
	African American	67%	33%	3	67%	33%	3
	Other		100%	1		100%	1

<sup>a</sup> The June 2007 Hancock County results are the new Baseline county data for fiscal year 2008.

## HARRISON COUNTY

In Harrison County, the seat belt usage rate increased throughout the survey period for all occupants (*drivers and passengers*) (Figure 26). Seat belt use started at 74% during the Baseline Survey, increased to 80% for the June Survey and reached 96% during the September Survey. However, these results need to be viewed with caution due to the relatively small number of observations for each survey.

**FIGURE 26 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The relatively small number of observations makes it impossible to draw meaningful conclusions; however, overall, 82% of drivers and 89% of passengers were belted (Table 26).

**TABLE 26 CROSS-TABULATION OF HARRISON COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

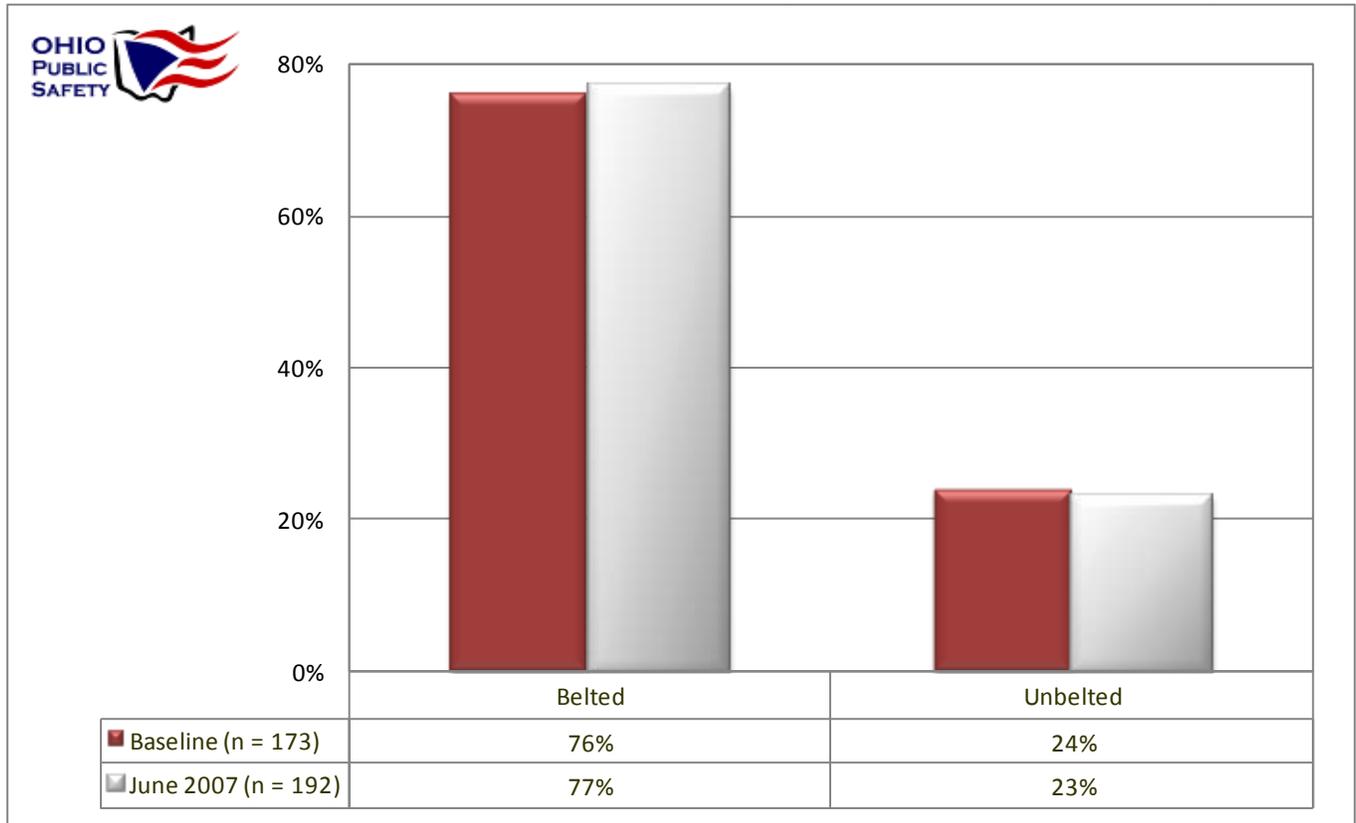
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Harrison County</b>		<b>82%</b>	<b>19%</b>	<b>329</b>	<b>89%</b>	<b>11%</b>	<b>84</b>
Survey <sup>a</sup>	Baseline	74%	26%	143	75%	25%	20
	June 2007	78%	22%	87	87%	13%	23
	September 2007	95%	5%	99	98%	2%	41
Vehicle Type	Passenger Car	85%	15%	137	91%	9%	43
	Van/Minivan	73%	27%	22	78%	22%	9
	SUV	84%	16%	56	93%	7%	15
	Pickup Truck	77%	23%	113	88%	13%	16
Driver - Sex	Male	79%	21%	223	88%	12%	49
	Female	88%	12%	103	94%	6%	34
Driver - Age	15 - 25	78%	22%	45	94%	6%	16
	26 - 64	82%	18%	236	85%	15%	54
	64+	82%	18%	45	100%		14
Driver - Race	Caucasian	82%	18%	295	91%	10%	63
	African American	75%	25%	24	79%	21%	14
	Other	75%	25%	4	100%		4
Passenger - Sex	Male	82%	18%	34	88%	12%	34
	Female	90%	10%	50	90%	10%	50
Passenger - Age	0 - 4	100%		3	100%		3
	5 - 14	90%	10%	10	90%	10%	10
	15 - 25	82%	18%	17	94%	6%	17
	26 - 64	83%	17%	42	83%	17%	42
	65+	100%		12	100%		12
Passenger - Race	Caucasian	91%	9%	69	91%	9%	69
	African American	64%	36%	11	91%	9%	11
	Other	100%		2	100%		2

<sup>a</sup> The September 2007 Harrison County results are the new Baseline county data for fiscal year 2008.

## HIGHLAND COUNTY

Figure 27 illustrates that seat belt use in Highland County for all occupants (*drivers and passengers*) increased by only one percent (1%) between the Baseline Survey (76%) and the June Survey (77%). It should be noted that findings for this county are based on relatively few observations. No surveys were submitted for analysis for the September Survey.

**FIGURE 27 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Due to the fact that there were a relatively small number of observations for Highland County, it is very difficult to make any meaningful conclusions, but we can see that overall, 74% of drivers and 85% of passengers were belted (Table 27).

**TABLE 27 CROSS-TABULATION OF HIGHLAND COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

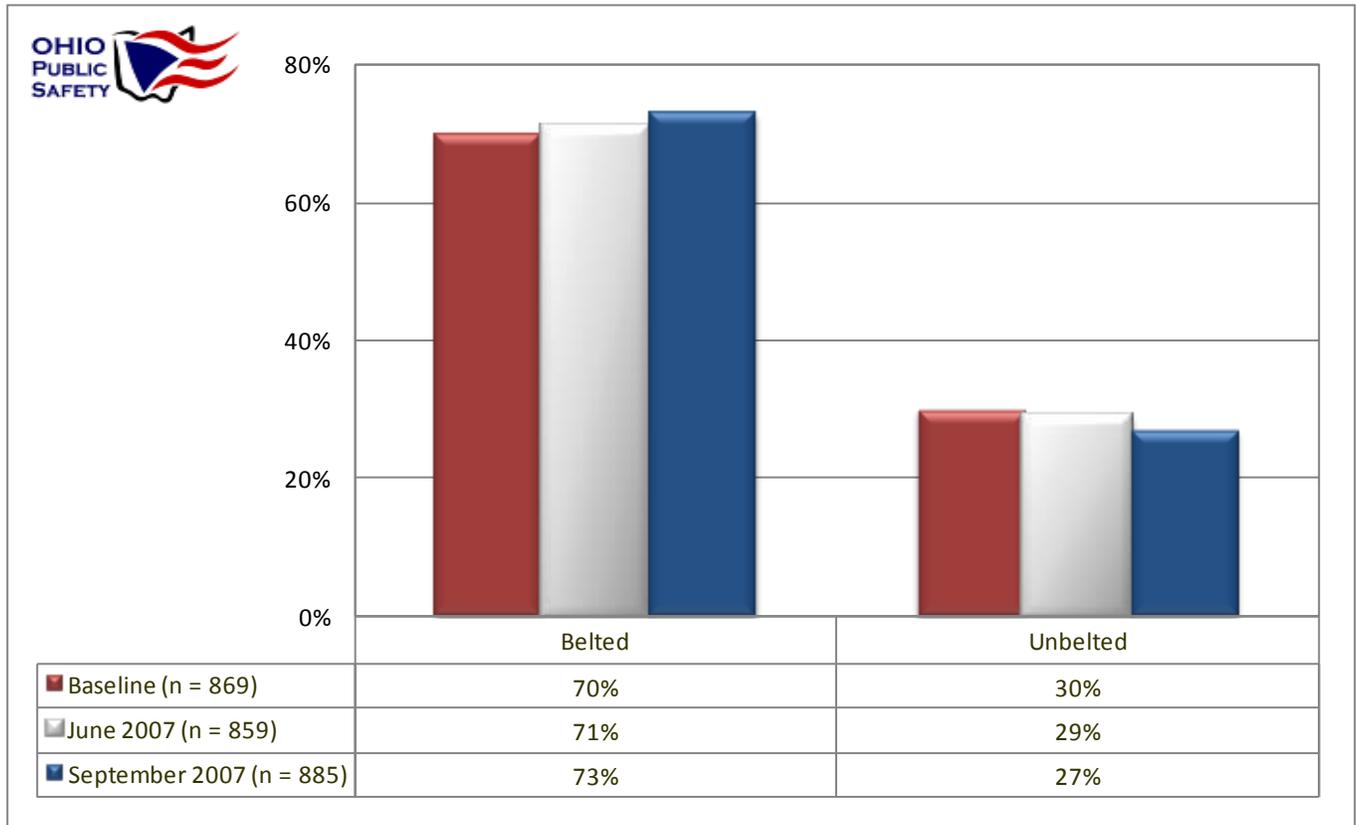
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Highland County</b>		<b>74%</b>	<b>26%</b>	<b>274</b>	<b>85%</b>	<b>15%</b>	<b>91</b>
Survey <sup>a</sup>	Baseline	74%	26%	129	84%	16%	44
	June 2007	74%	26%	145	85%	15%	47
Vehicle Type	Passenger Car	74%	27%	102	88%	12%	33
	Van/Minivan	96%	4%	25	100%		16
	SUV	77%	23%	52	96%	5%	22
	Pickup Truck	67%	33%	94	58%	42%	19
Driver - Sex	Male	66%	34%	149	75%	25%	48
	Female	82%	18%	125	95%	5%	43
Driver - Age	15 - 25	81%	19%	32	90%	10%	10
	26 - 64	73%	27%	199	80%	20%	66
	64+	74%	26%	42	100%		14
Driver - Race	Caucasian	73%	27%	245	84%	16%	83
	African American	85%	15%	20	100%		4
	Other	75%	25%	4		100%	1
Passenger - Sex	Male	75%	25%	32	66%	34%	32
	Female	86%	14%	59	95%	5%	59
Passenger - Age	0 - 4	100%		3	100%		3
	5 - 14	100%		17	100%		17
	15 - 25	93%	7%	15	93%	7%	15
	26 - 64	72%	28%	43	72%	28%	43
	65+	77%	23%	13	92%	8%	13
Passenger - Race	Caucasian	82%	18%	84	85%	16%	84
	African American	100%		4	100%		4
	Other		100%	1		100%	1

<sup>a</sup> The June 2007 Highland County results are the new Baseline county data for fiscal year 2008.

# HOLMES COUNTY

An increase of 3% in seat belt use can be seen for Holmes County for all occupants (*drivers and passengers*) over the three survey periods (Figure 28).

**FIGURE 28 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 72% of drivers and 70% of passengers were belted in Holmes County (Table 28). While slight, there was an increase in seat belt use from the Baseline Survey (70%) to the June and September Surveys (72%) for drivers. Targeting pickup truck occupants, males, and occupants between 15-64 years of age should help Holmes County increase their seat belt usage rate in the future.

**TABLE 28 CROSS-TABULATION OF HOLMES COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Holmes County</b>		<b>72%</b>	<b>29%</b>	<b>2035</b>	<b>70%</b>	<b>30%</b>	<b>578</b>
Survey <sup>a</sup>	Baseline	70%	30%	688	69%	32%	181
	June 2007	72%	28%	673	68%	32%	186
	September 2007	72%	28%	674	73%	27%	211
Vehicle Type	Passenger Car	78%	23%	800	70%	30%	243
	Van/Minivan	78%	22%	320	81%	19%	122
	SUV	72%	28%	373	66%	34%	83
	Pickup Truck	58%	42%	542	62%	38%	129
Driver - Sex	Male	67%	33%	1161	70%	30%	368
	Female	78%	22%	872	71%	29%	208
Driver - Age	15 - 25	60%	40%	292	46%	54%	63
	26 - 64	71%	29%	1380	69%	31%	372
	64+	83%	17%	361	84%	16%	142
Driver - Race	Caucasian	72%	28%	2013	71%	30%	570
	African American	33%	67%	3		100%	1
	Other	50%	50%	6	50%	50%	2
Passenger - Sex	Male	68%	32%	199	57%	43%	200
	Female	80%	20%	375	77%	23%	378
Passenger - Age	0 - 4	33%	67%	3	67%	33%	3
	5 - 14	65%	35%	37	57%	43%	37
	15 - 25	69%	31%	101	60%	40%	101
	26 - 64	73%	27%	299	69%	31%	300
	65+	91%	9%	134	84%	16%	137
Passenger - Race	Caucasian	76%	24%	561	70%	30%	565
	African American	67%	33%	3	33%	67%	3
	Other	100%		5	80%	20%	5

<sup>a</sup> The September 2007 Holmes County results are the new Baseline county data for fiscal year 2008.

## HURON COUNTY

Figure 29 shows that seat belt use in Huron County for all occupants (*drivers and passengers*) increased from 63% to 86% from the Baseline Survey to the June Survey. A slight decrease can be seen from the June Survey (86%) to the September Survey (82%). It should be noted that findings for this county are based on relatively few observations.

**FIGURE 29 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

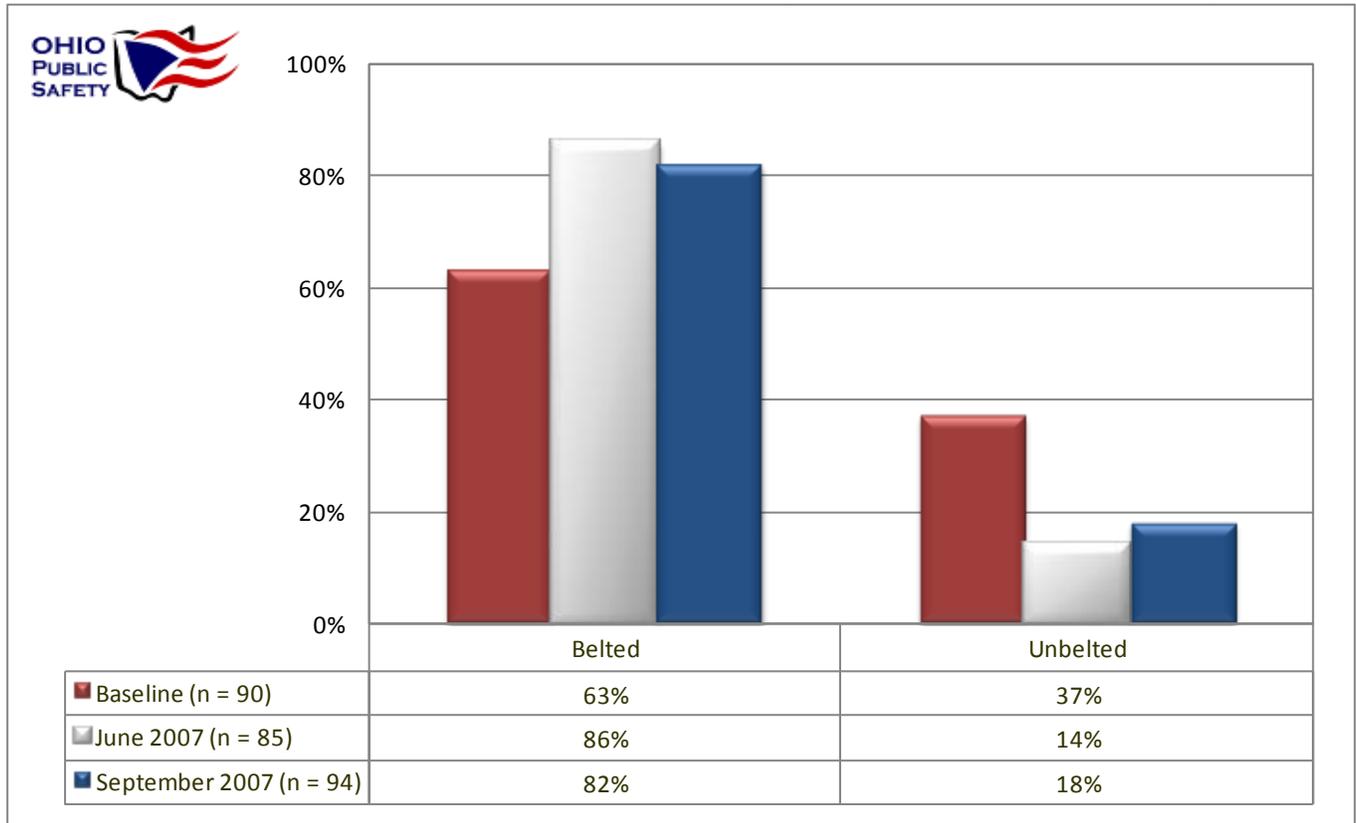


Table 29 illustrates that there were a very small number of observations for Huron County, which makes it difficult to draw any meaningful conclusions; however; there was an improvement in usage rates from the Baseline Survey to the June Survey.

**TABLE 29 CROSS-TABULATION OF HURON COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

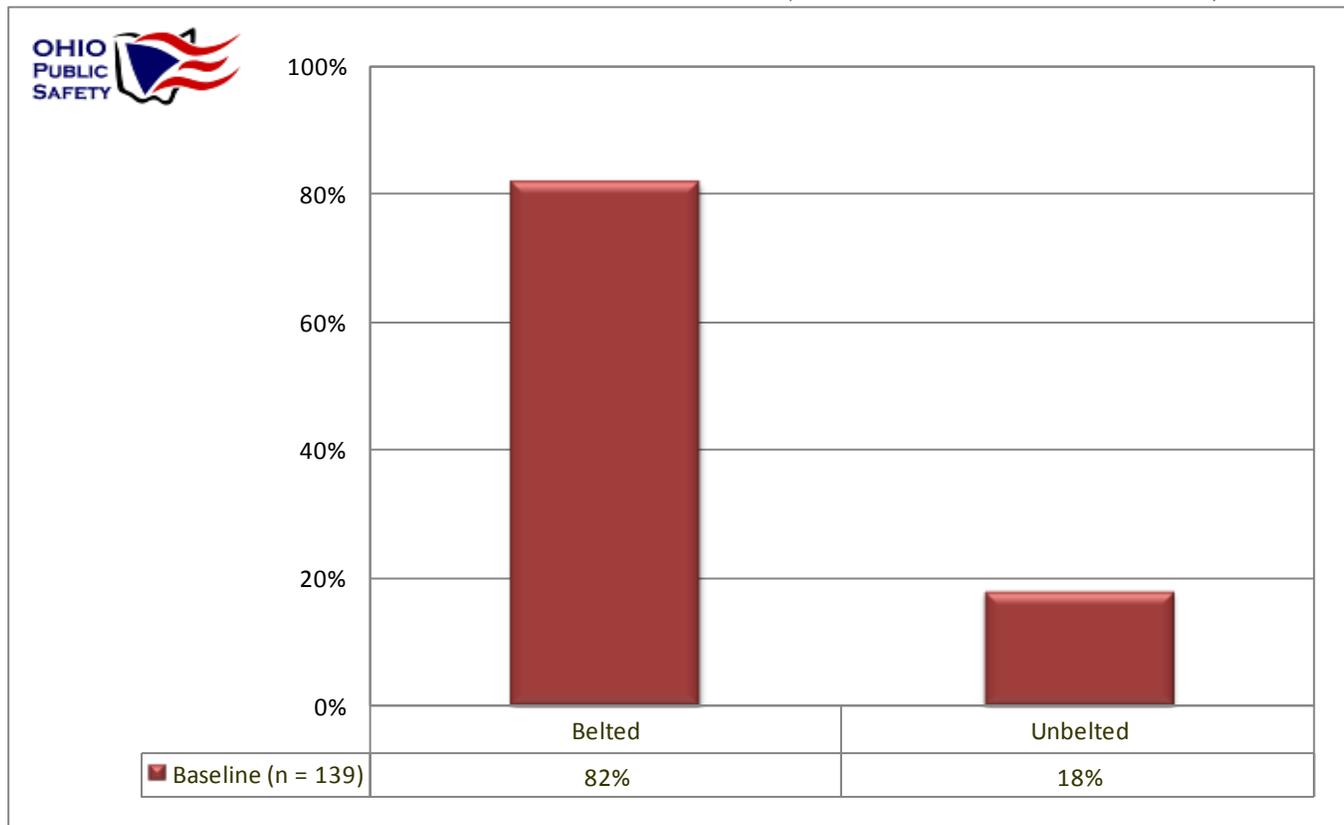
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Huron County</b>		<b>77%</b>	<b>23%</b>	<b>233</b>	<b>75%</b>	<b>25%</b>	<b>36</b>
Survey <sup>a</sup>	Baseline	63%	37%	76	64%	36%	14
	June 2007	87%	14%	74	82%	18%	11
	September 2007	82%	18%	83	82%	18%	11
Vehicle Type	Passenger Car	79%	21%	109	82%	18%	17
	Van/Minivan	78%	22%	23	67%	33%	6
	SUV	82%	18%	44	83%	17%	6
	Pickup Truck	70%	30%	57	57%	43%	7
Driver - Sex	Male	72%	28%	75	73%	27%	15
	Female	80%	20%	158	76%	24%	21
Driver - Age	15 - 25	64%	36%	28	63%	38%	8
	26 - 64	79%	21%	189	80%	20%	25
	64+	75%	25%	16	67%	33%	3
Driver - Race	Caucasian	78%	22%	231	74%	26%	35
	African American		100%	1			
	Other		100%	1	100%		1
Passenger - Sex	Male	71%	29%	7	71%	29%	7
	Female	75%	25%	28	76%	24%	29
Passenger - Age	5 - 14	100%		4	100%		4
	15 - 25	62%	39%	13	69%	31%	13
	26 - 64	69%	31%	13	71%	29%	14
	65+	100%		5	80%	20%	5
Passenger - Race	Caucasian	74%	26%	35	75%	25%	36

<sup>a</sup> The June 2007 Huron County results are the new Baseline county data for fiscal year 2008.

## JEFFERSON COUNTY

While only Baseline Survey data was submitted for analysis for Jefferson County, the seat belt usage for all occupants (*drivers and passengers*) was 82% (Figure 30).

**FIGURE 30 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The very small number of observations in Jefferson County make it difficult to draw meaningful conclusions; however, overall, 80% of drivers and 88% of passengers were belted (Table 30).

**TABLE 30 CROSS-TABULATION OF JEFFERSON COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

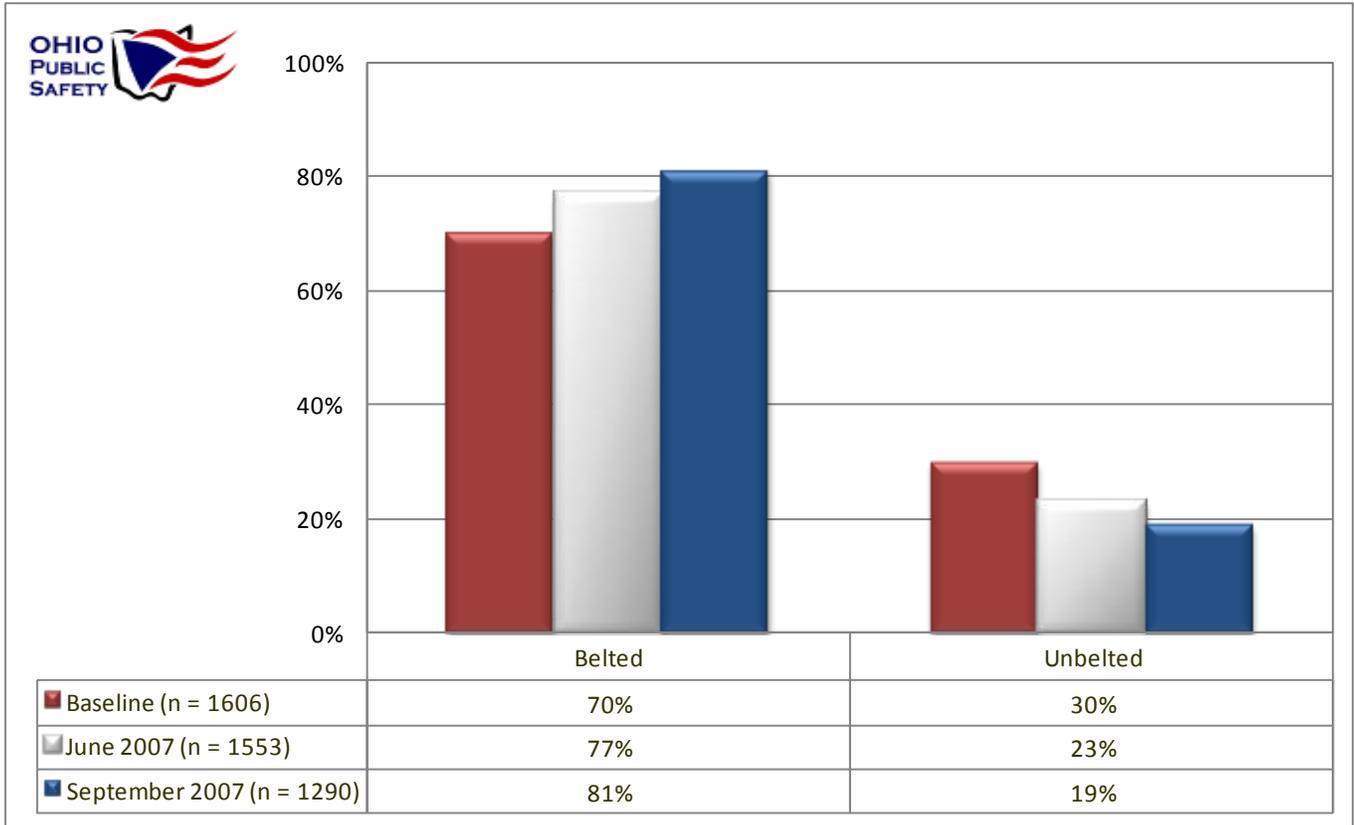
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Jefferson County</b>		<b>80%</b>	<b>20%</b>	<b>99</b>	<b>88%</b>	<b>13%</b>	<b>40</b>
Survey <sup>a</sup>	Baseline	80%	20%	99	88%	13%	40
Vehicle Type	Passenger Car	82%	18%	60	77%	23%	22
	Van/Minivan	71%	29%	7	100%		5
	SUV	88%	12%	17	100%		10
	Pickup Truck	67%	33%	15	100%		3
Driver - Sex	Male	72%	28%	58	91%	9%	22
	Female	90%	10%	40	83%	17%	18
Driver - Age	15 - 25	100%		6	100%		3
	26 - 64	74%	26%	78	83%	17%	30
	64+	100%		15	100%		7
Driver - Race	Caucasian	80%	20%	98	87%	13%	39
Passenger - Sex	Male	94%	6%	16	75%	25%	16
	Female	87%	13%	23	96%	4%	23
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	100%		2	100%		2
	15 - 25	86%	14%	7	86%	14%	7
	26 - 64	87%	13%	23	83%	17%	23
	65+	100%		7	100%		7
Passenger - Race	Caucasian	92%	8%	37	89%	11%	37
	African American	50%	50%	2	50%	50%	2

<sup>a</sup> The Baseline 2007 Jefferson County results are the new Baseline county data for fiscal year 2008.

# KNOX COUNTY

The seat belt usage rate in Knox County for all occupants (*drivers and passengers*) increased steadily between the Baseline Survey (70%) and the June (77%) and September Survey (81%) (Figure 31). This is only 4% below NHTSA’s target of an 85% usage rate for Ohio.

**FIGURE 31 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 76% of drivers and 66% of passengers were belted in Knox County (Table 31). Results show that seat belt use increased for drivers over the three surveys, starting at 71% during the Baseline Survey; 76% for the June Survey; and 81% for the September Survey. While future seat belt use initiatives should be broad based, Knox County should consider targeting both pickup truck occupants and males in the future which should help them achieve the belt usage rate goal of 85% for Ohio.

**TABLE 31 CROSS-TABULATION OF KNOX COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

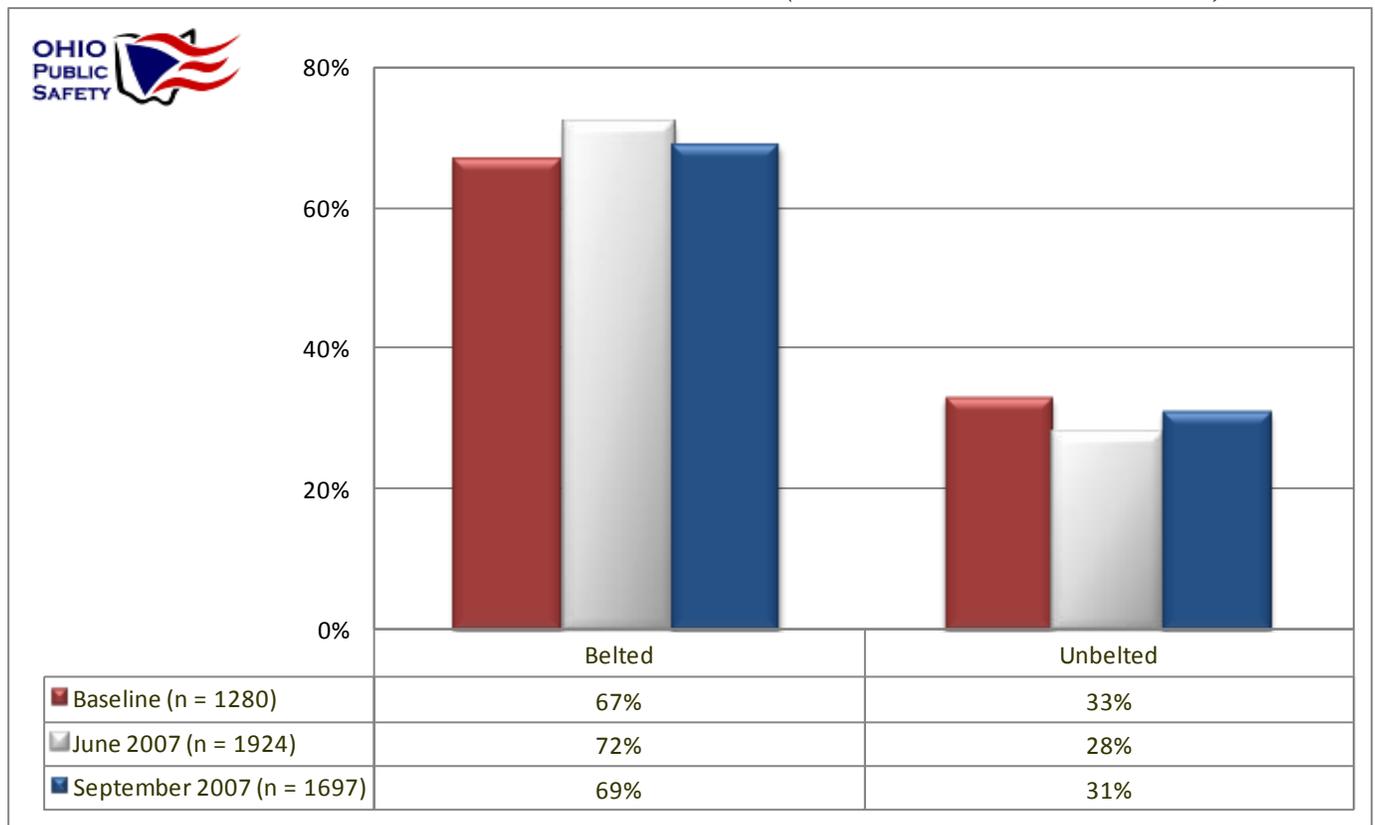
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Knox County</b>		<b>76%</b>	<b>24%</b>	<b>4289</b>	<b>66%</b>	<b>34%</b>	<b>160</b>
Survey <sup>a</sup>	Baseline	71%	29%	1512	57%	43%	94
	June 2007	76%	24%	1493	80%	20%	60
	September 2007	81%	19%	1284	67%	33%	6
Vehicle Type	Passenger Car	80%	20%	1977	80%	20%	66
	Van/Minivan	81%	19%	540	61%	39%	18
	SUV	78%	22%	859	73%	27%	22
	Pickup Truck	63%	37%	908	48%	52%	54
Driver - Sex	Male	71%	29%	2154	66%	34%	108
	Female	81%	19%	2131	67%	33%	52
Driver - Age	15 - 25	73%	27%	700	72%	28%	25
	26 - 64	76%	24%	2958	63%	37%	110
	64+	78%	22%	629	76%	24%	25
Driver - Race	Caucasian	76%	24%	4191	66%	34%	155
	African American	76%	24%	78	100%		1
	Other	64%	36%	11			
Passenger - Sex	Male	51%	49%	61	43%	57%	61
	Female	83%	17%	99	81%	19%	99
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	72%	28%	18	72%	28%	18
	15 - 25	79%	21%	38	79%	21%	38
	26 - 64	61%	39%	74	55%	45%	74
	65+	83%	17%	29	72%	28%	29
Passenger - Race	Caucasian	70%	30%	158	67%	34%	158
	African American	100%		1	100%		1
	Other	100%		1		100%	1

<sup>a</sup> The September 2007 Knox County results are the new Baseline county data for fiscal year 2008.

## LAKE COUNTY

Figure 32 illustrates a slight fluctuation in seat belt use for all occupants (*drivers and passengers*) in Lake County. A 4% increase can be seen from the Baseline Survey (67%) to the June Survey (72%); however, the usage rate declined to 69% during the September Survey.

**FIGURE 32 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 70% of drivers and 68% of passengers were belted in Lake County (Table 32). Initiatives to increase seat belt use should be broad based. Nevertheless, targeting both drivers and passengers of pickup trucks, males, younger drivers and their passengers, and African American drivers and their passengers should help increase seat belt usage rates in Lake County.

**TABLE 32 CROSS-TABULATION OF LAKE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

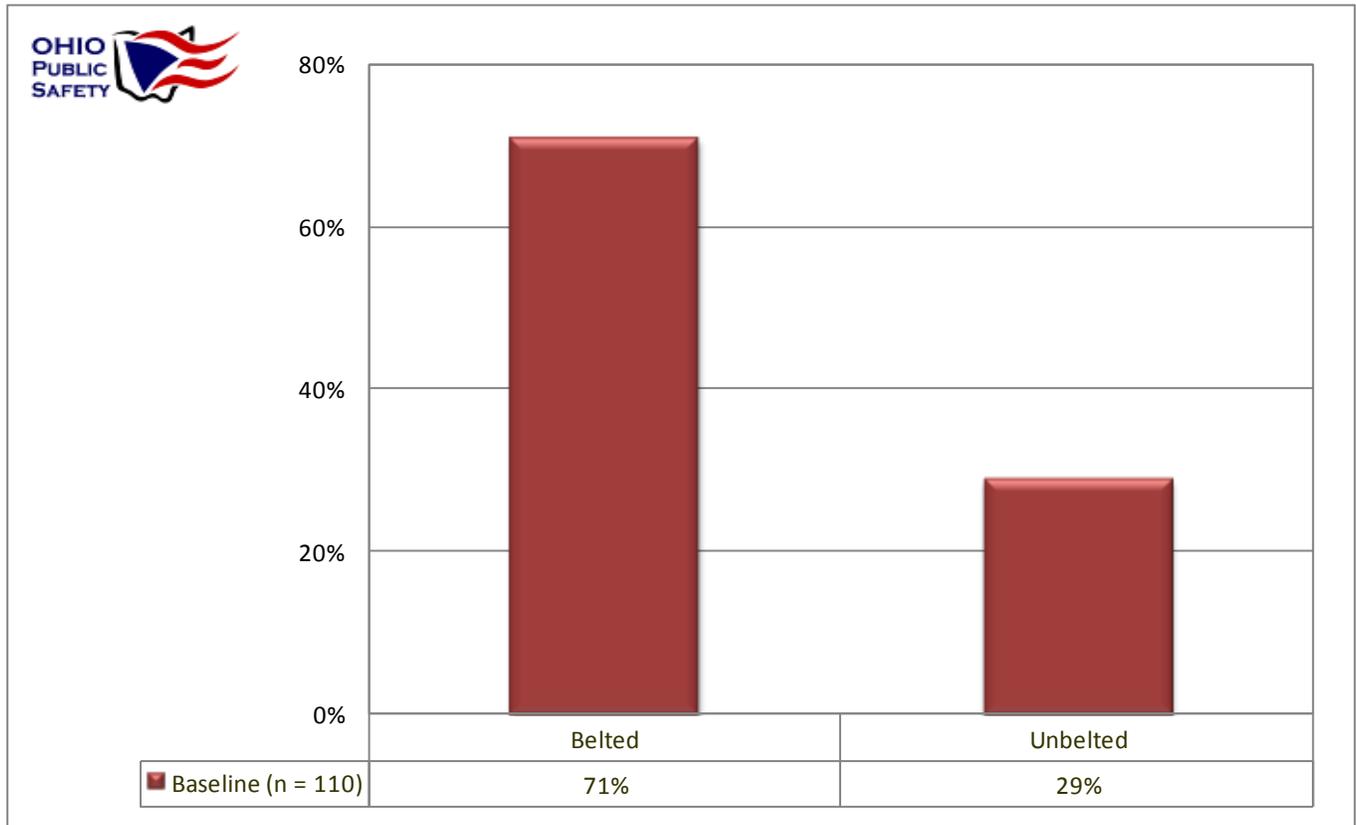
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Lake County</b>		<b>70%</b>	<b>31%</b>	<b>4118</b>	<b>68%</b>	<b>32%</b>	<b>783</b>
Survey <sup>a</sup>	Baseline	67%	33%	1072	65%	35%	208
	June 2007	72%	28%	1633	70%	30%	291
	September 2007	69%	31%	1413	68%	32%	284
Vehicle Type	Passenger Car	71%	29%	2269	69%	31%	444
	Van/Minivan	74%	26%	574	76%	24%	127
	SUV	72%	28%	714	69%	31%	121
	Pickup Truck	55%	45%	525	52%	48%	86
Driver - Sex	Male	65%	35%	2297	68%	32%	474
	Female	75%	25%	1808	69%	31%	301
Driver - Age	15 - 25	60%	40%	357	50%	50%	92
	26 - 64	70%	30%	3305	69%	31%	542
	64+	74%	27%	430	78%	22%	139
Driver - Race	Caucasian	70%	30%	3870	68%	32%	717
	African American	61%	39%	163	63%	37%	38
	Other	73%	27%	22	43%	57%	7
Passenger - Sex	Male	60%	40%	275	54%	46%	277
	Female	74%	26%	498	76%	24%	502
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	75%	26%	47	83%	17%	47
	15 - 25	61%	39%	163	56%	44%	163
	26 - 64	68%	32%	404	68%	32%	408
	65+	77%	23%	154	76%	24%	156
Passenger - Race	Caucasian	70%	30%	711	69%	31%	717
	African American	54%	46%	35	54%	46%	35
	Other	67%	33%	9	67%	33%	9

<sup>a</sup> The June 2007 Lake County results are the new Baseline county data for fiscal year 2008.

# LAWRENCE COUNTY

While only Baseline Survey data was submitted for analysis for Lawrence County, the seat belt usage for all occupants (*drivers and passengers*) was 71% (Figure 33).

**FIGURE 33 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Due to the low number of observations in Lawrence County, it is difficult to come to any meaningful conclusions regarding seat belt use (Table 33). Further initiatives to increase seat belt use should be broad based and target all populations.

**TABLE 33 CROSS-TABULATION OF LAWRENCE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

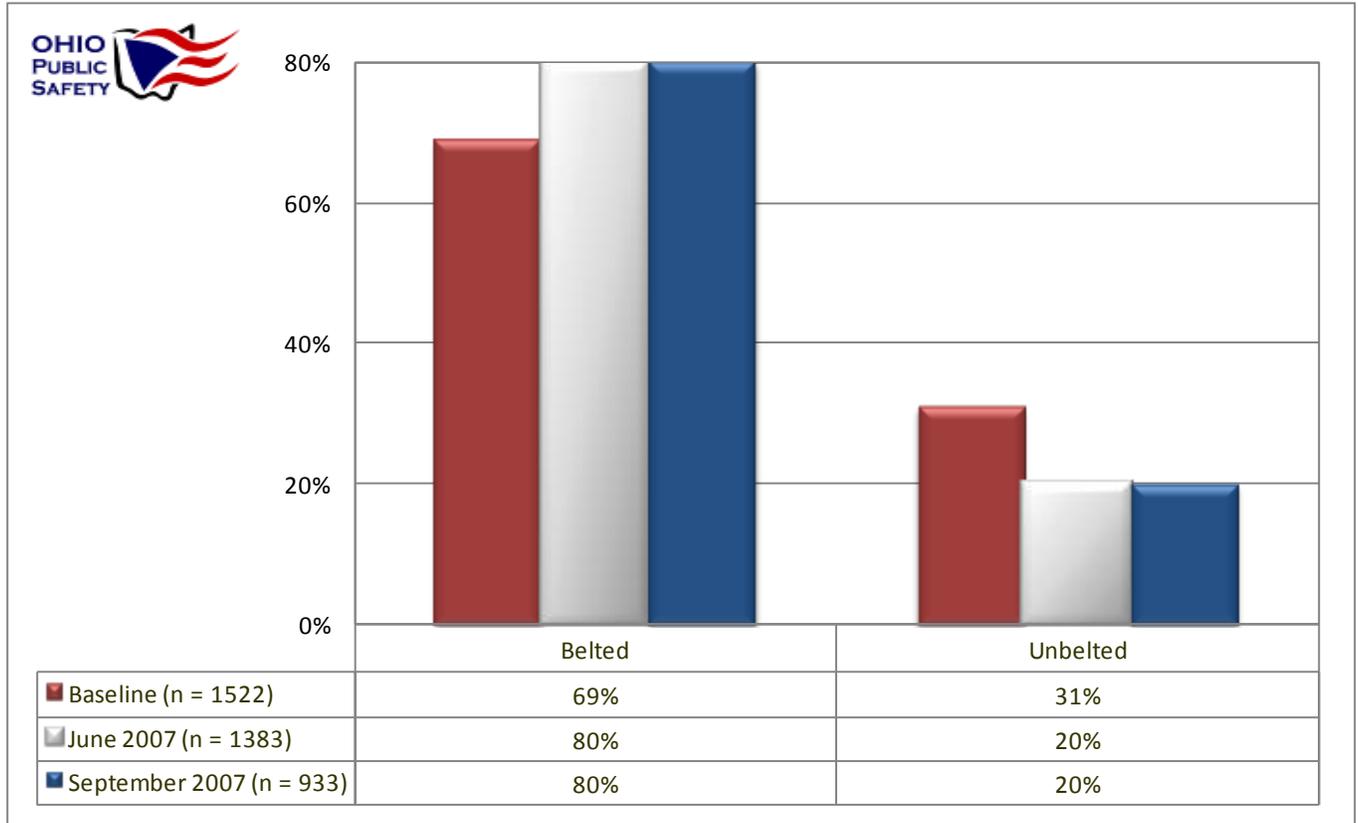
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Lawrence County</b>		<b>68%</b>	<b>32%</b>	<b>84</b>	<b>81%</b>	<b>19%</b>	<b>26</b>
Survey <sup>a</sup>	Baseline	68%	32%	84	81%	19%	26
Vehicle Type	Passenger Car	63%	38%	48	60%	40%	10
	Van/Minivan	89%	11%	9	100%		6
	SUV	63%	38%	8	50%	50%	2
	Pickup Truck	74%	26%	19	100%		8
Driver - Sex	Male	52%	48%	42	80%	20%	10
	Female	83%	17%	41	81%	19%	16
Driver - Age	15 - 25	67%	33%	6			
	26 - 64	69%	31%	67	80%	20%	25
	64+	64%	36%	11	100%		1
Driver - Race	Caucasian	69%	31%	83	81%	19%	26
Passenger - Sex	Male	90%	10%	10	90%	10%	10
	Female	75%	25%	16	75%	25%	16
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	75%	25%	4	75%	25%	4
	15 - 25	77%	24%	17	77%	24%	17
	26 - 64	100%		4	100%		4
Passenger - Race	Caucasian	80%	20%	25	80%	20%	25

<sup>a</sup> The Baseline 2007 Lawrence County results are the new Baseline county data for fiscal year 2008.

# LICKING COUNTY

Results from Licking County show the seat belt usage rate for all occupants (*drivers and passengers*) was 69% for the Baseline Survey, and increased to 80% for both the June and September Surveys (Figure 34).

**FIGURE 34 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, the seat belt usage rate in Licking County was 76% for drivers and 74% for passengers (Table 34). There was an 11% increase from the Baseline Survey (70%) to the June Survey (81%); however, a slight decrease was noted for the September Survey (80%). Survey results indicate that initiatives designed to increase seat belt use in Licking County are working. Further efforts to increase seat belt use should target all populations, with special emphasis on pickup truck occupants, males, and young occupants (i.e., ages 15-25 and 26-64).

**TABLE 34 CROSS-TABULATION OF LICKING COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

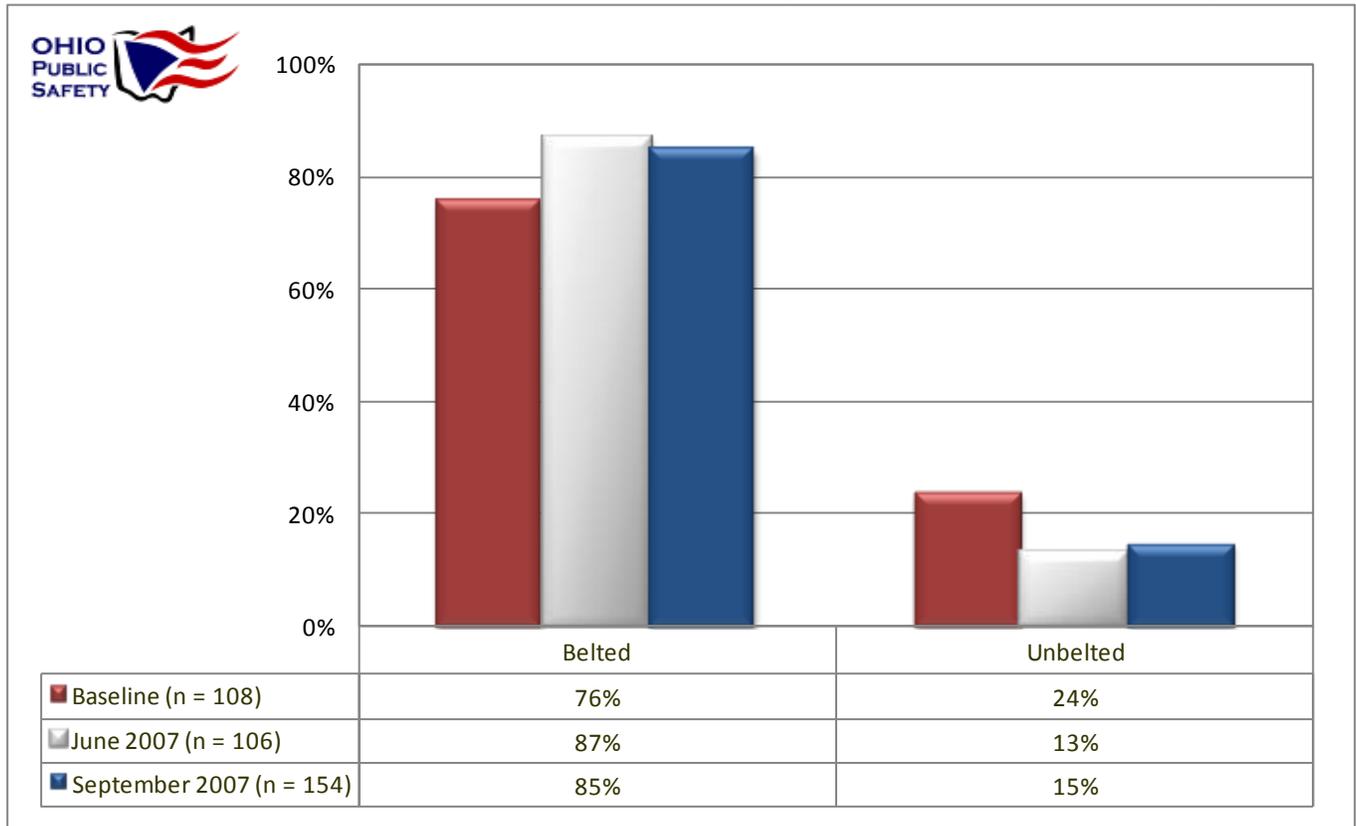
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Licking County</b>		<b>76%</b>	<b>24%</b>	<b>3144</b>	<b>74%</b>	<b>26%</b>	<b>694</b>
Survey <sup>a</sup>	Baseline	70%	30%	1244	67%	33%	278
	June 2007	81%	19%	1119	79%	21%	264
	September 2007	80%	20%	781	78%	22%	152
Vehicle Type	Passenger Car	79%	21%	1569	77%	23%	332
	Van/Minivan	77%	23%	327	78%	22%	98
	SUV	79%	21%	534	81%	19%	135
	Pickup Truck	66%	34%	712	57%	43%	128
Driver - Sex	Male	73%	27%	1779	74%	27%	412
	Female	81%	19%	1352	75%	25%	280
Driver - Age	15 - 25	74%	26%	466	55%	45%	86
	26 - 64	76%	24%	2267	75%	25%	503
	64+	82%	18%	391	86%	14%	101
Driver - Race	Caucasian	76%	24%	3036	75%	26%	658
	African American	70%	30%	37	33%	67%	9
	Other	67%	33%	12	100%		1
Passenger - Sex	Male	73%	27%	256	64%	36%	256
	Female	81%	19%	436	80%	20%	437
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	75%	25%	48	77%	23%	48
	15 - 25	73%	28%	131	66%	34%	131
	26 - 64	77%	24%	357	73%	27%	358
	65+	90%	10%	129	84%	16%	129
Passenger - Race	Caucasian	78%	22%	660	74%	26%	661
	African American	62%	39%	13	46%	54%	13
	Other	100%		6	67%	33%	6

<sup>a</sup> The June 2007 Licking County results are the new Baseline county data for fiscal year 2008.

# LOGAN COUNTY

Results for all occupants (*drivers and passengers*) in Logan County show that seat belt use increased from 76% during the Baseline Survey to 87% for the June Survey. A slight decrease of 2% occurred during the September Survey.

**FIGURE 35 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



While there were relatively few observations in Logan County, the overall, seat belt usage rate was 83% for both drivers and passengers (Table 35). Further initiatives to increase seat belt use in Logan County should encompass all populations.

**TABLE 35 CROSS-TABULATION OF LOGAN COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

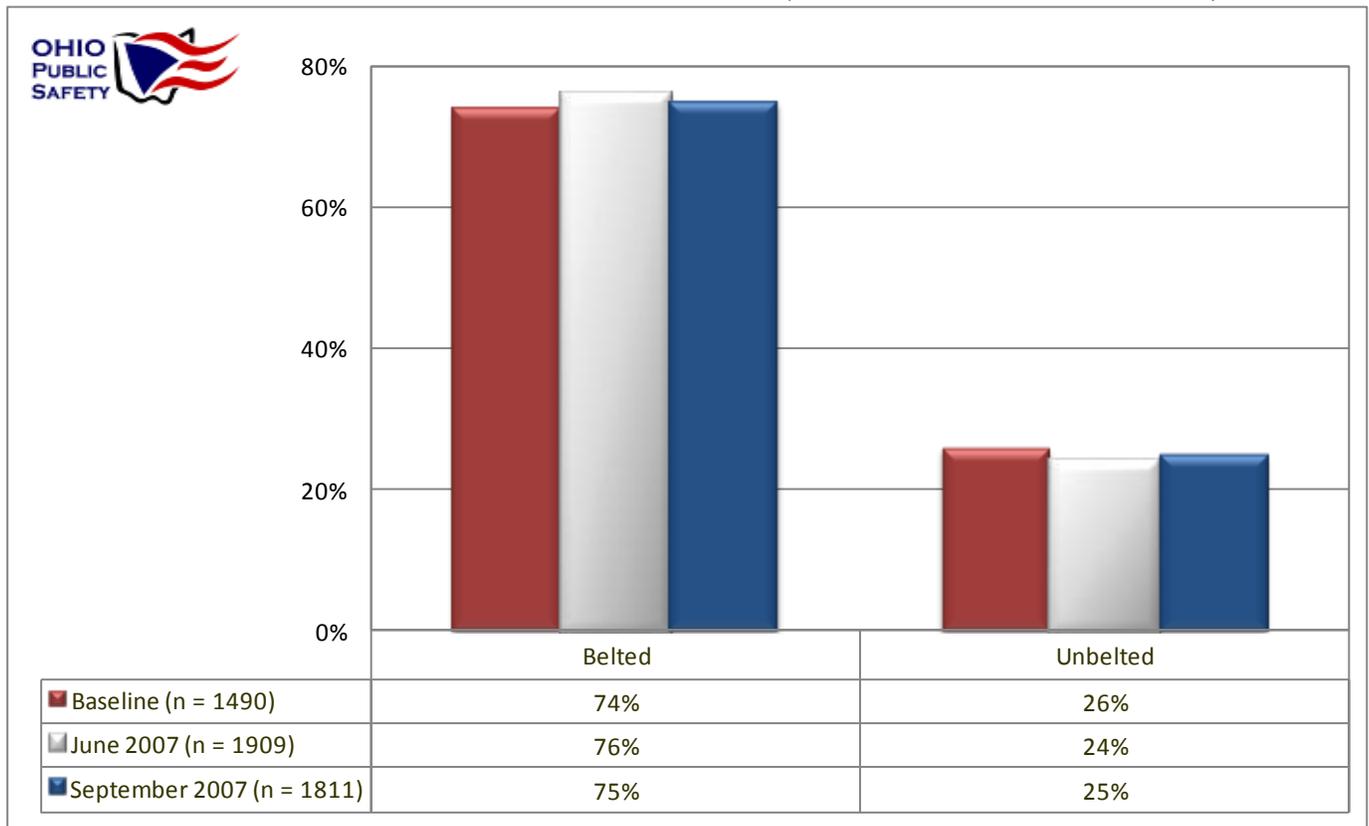
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Logan County</b>		<b>83%</b>	<b>17%</b>	<b>305</b>	<b>83%</b>	<b>18%</b>	<b>63</b>
Survey <sup>a</sup>	Baseline	78%	22%	96	58%	42%	12
	June 2007	87%	13%	85	86%	14%	21
	September 2007	84%	16%	124	90%	10%	30
Vehicle Type	Passenger Car	87%	13%	150	89%	11%	36
	Van/Minivan	85%	15%	34	67%	33%	9
	SUV	84%	16%	49	88%	13%	8
	Pickup Truck	74%	26%	72	70%	30%	10
Driver - Sex	Male	82%	18%	185	80%	20%	40
	Female	85%	15%	120	87%	13%	23
Driver - Age	15 - 25	85%	15%	26	67%	33%	3
	26 - 64	83%	17%	270	82%	18%	56
	64+	89%	11%	9	100%		4
Driver - Race	Caucasian	83%	17%	301	82%	18%	61
	African American	50%	50%	2	100%		1
Passenger - Sex	Male	70%	30%	23	78%	22%	23
	Female	83%	18%	40	85%	15%	40
Passenger - Age	5 - 14	67%	33%	6	100%		6
	15 - 25	83%	17%	18	83%	17%	18
	26 - 64	73%	27%	33	76%	24%	33
	65+	100%		6	100%		6
Passenger - Race	Caucasian	77%	23%	62	82%	18%	62
	African American	100%		1	100%		1

<sup>a</sup> The June 2007 Logan County results are the new Baseline county data for fiscal year 2008.

## LORAIN COUNTY

The seat belt usage rate for all occupants (*drivers and passengers*) in Lorain County fluctuated slightly between the 2007 Baseline and the June and September Surveys, ending at 75%, which is still below NHTSA's target usage rate of 85% for Ohio (Figure 36).

**FIGURE 36 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Lorain County had an overall seat belt usage rate of 75% for drivers and 74% for passengers (Table 36). Driver usage rates increased slightly between the Baseline (74%) and the June Survey (76%) and remained the same in September. Passenger usage rates were highest in June (77%) then decreased to 70% during the September Survey. Targeting pickup truck occupants, male occupants, and occupants between 15-25 and 26-64 years of age should help Lorain County increase its seat belt usage rate.

**TABLE 36 CROSS-TABULATION OF LORAIN COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

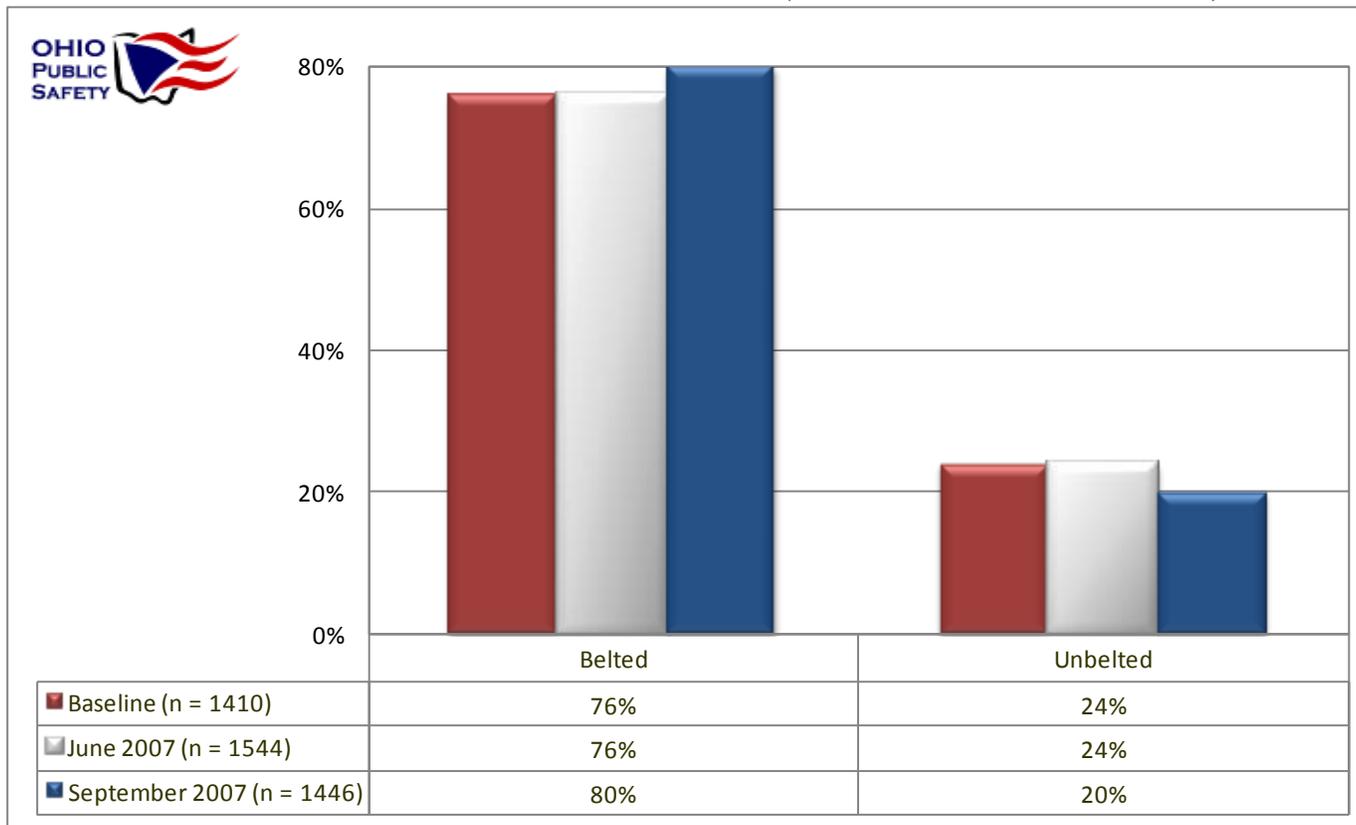
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Lorain County</b>		<b>75%</b>	<b>25%</b>	<b>4382</b>	<b>74%</b>	<b>26%</b>	<b>828</b>
Survey <sup>a</sup>	Baseline	74%	26%	1261	74%	26%	229
	June 2007	76%	24%	1566	77%	23%	343
	September 2007	76%	24%	1555	70%	30%	256
Vehicle Type	Passenger Car	76%	24%	2332	75%	25%	421
	Van/Minivan	80%	20%	569	77%	24%	132
	SUV	78%	22%	785	77%	23%	163
	Pickup Truck	65%	35%	694	60%	40%	112
Driver - Sex	Male	73%	27%	2342	78%	23%	502
	Female	78%	22%	2009	69%	31%	319
Driver - Age	15 - 25	68%	32%	629	60%	40%	114
	26 - 64	75%	25%	3174	74%	26%	553
	64+	83%	17%	573	84%	16%	160
Driver - Race	Caucasian	76%	24%	4140	75%	25%	765
	African American	60%	40%	166	56%	44%	39
	Other	80%	20%	51	83%	17%	12
Passenger - Sex	Male	72%	28%	289	65%	35%	289
	Female	81%	19%	539	78%	22%	539
Passenger - Age	0 - 4	80%	20%	10	70%	30%	10
	5 - 14	82%	18%	71	75%	25%	71
	15 - 25	71%	29%	171	63%	37%	170
	26 - 64	77%	23%	403	74%	26%	404
	65+	85%	15%	168	84%	16%	168
Passenger - Race	Caucasian	78%	22%	757	75%	25%	757
	African American	66%	34%	32	50%	50%	32
	Other	77%	23%	13	62%	39%	13

<sup>a</sup> The June 2007 Lorain County results are the new Baseline county data for fiscal year 2008.

# LUCAS COUNTY

Figure 37 illustrates that seat belt use in Lucas County for all occupants (*drivers and passengers*) remained at 76% for the Baseline and June Surveys, then increased to 80% during the September Survey.

**FIGURE 37 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 77% of both drivers and passengers in Lucas County were belted (Table 37). There was a steady increase in seat belt use from the Baseline (76%) and June (77%) to the September Survey (80%) for drivers.

**TABLE 37 CROSS-TABULATION OF LUCAS COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

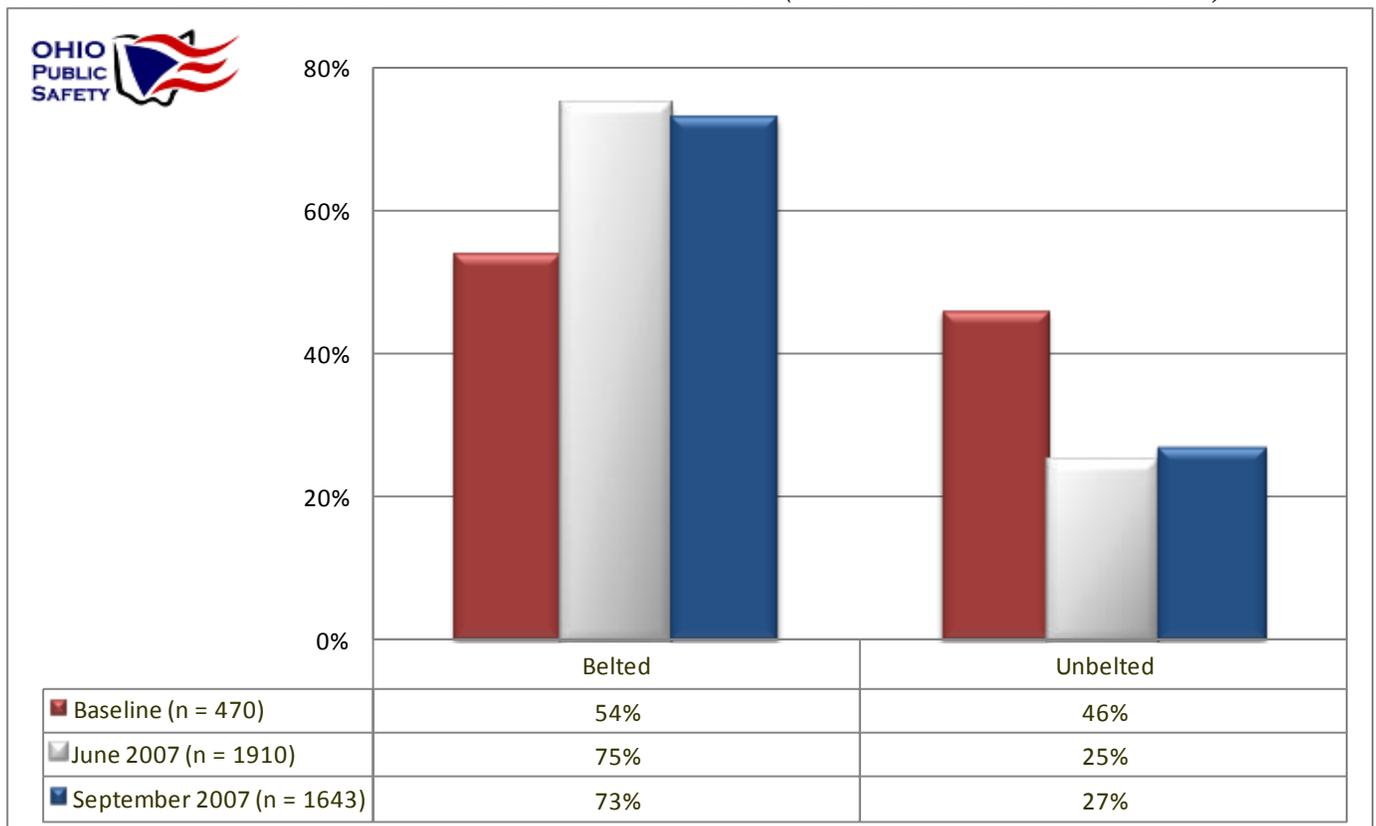
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Lucas County</b>		<b>77%</b>	<b>23%</b>	<b>3805</b>	<b>77%</b>	<b>23%</b>	<b>595</b>
Survey <sup>a</sup>	Baseline	76%	24%	1297	81%	20%	113
	June 2007	77%	23%	1247	74%	26%	297
	September 2007	80%	20%	1261	81%	20%	185
Vehicle Type	Passenger Car	78%	23%	2025	76%	24%	292
	Van/Minivan	82%	18%	536	83%	17%	122
	SUV	80%	20%	714	80%	20%	102
	Pickup Truck	70%	30%	530	68%	32%	79
Driver - Sex	Male	75%	25%	2104	76%	24%	355
	Female	81%	19%	1684	79%	22%	233
Driver - Age	15 - 25	71%	29%	488	56%	44%	66
	26 - 64	78%	22%	2986	78%	22%	449
	64+	81%	19%	325	90%	10%	79
Driver - Race	Caucasian	79%	21%	3363	80%	20%	508
	African American	66%	34%	358	56%	44%	63
	Other	72%	28%	65	79%	21%	19
Passenger - Sex	Male	79%	21%	215	69%	31%	215
	Female	84%	16%	380	82%	19%	378
Passenger - Age	0 - 4		100%	1	100%		1
	5 - 14	75%	26%	55	71%	29%	55
	15 - 25	74%	26%	121	61%	39%	121
	26 - 64	84%	16%	335	80%	20%	333
	65+	91%	10%	84	93%	7%	84
Passenger - Race	Caucasian	84%	16%	501	80%	20%	499
	African American	65%	36%	62	57%	44%	62
	Other	75%	25%	20	80%	20%	20

<sup>a</sup> The September 2007 Lucas County results are the new Baseline county data for fiscal year 2008.

# MAHONING COUNTY

Seat belt use in Mahoning County for all occupants (*drivers and passengers*) increased from the Baseline Survey (54%) and the June Survey (75%), then slightly decreased to 73% during the September Survey (Figure 38).

**FIGURE 38 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Mahoning County had an overall seat belt usage rate of 72% for both drivers and passengers (Table 38). The Baseline Survey results showed a 55% usage rate for drivers which increased to 75% during the June Survey and then declined slightly to 72% for the September Survey. Special efforts to target pickup truck drivers, males, 15-25 year old occupants, and African Americans should help Mahoning County increase their seat belt usage rate.

**TABLE 38 CROSS-TABULATION OF MAHONING COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

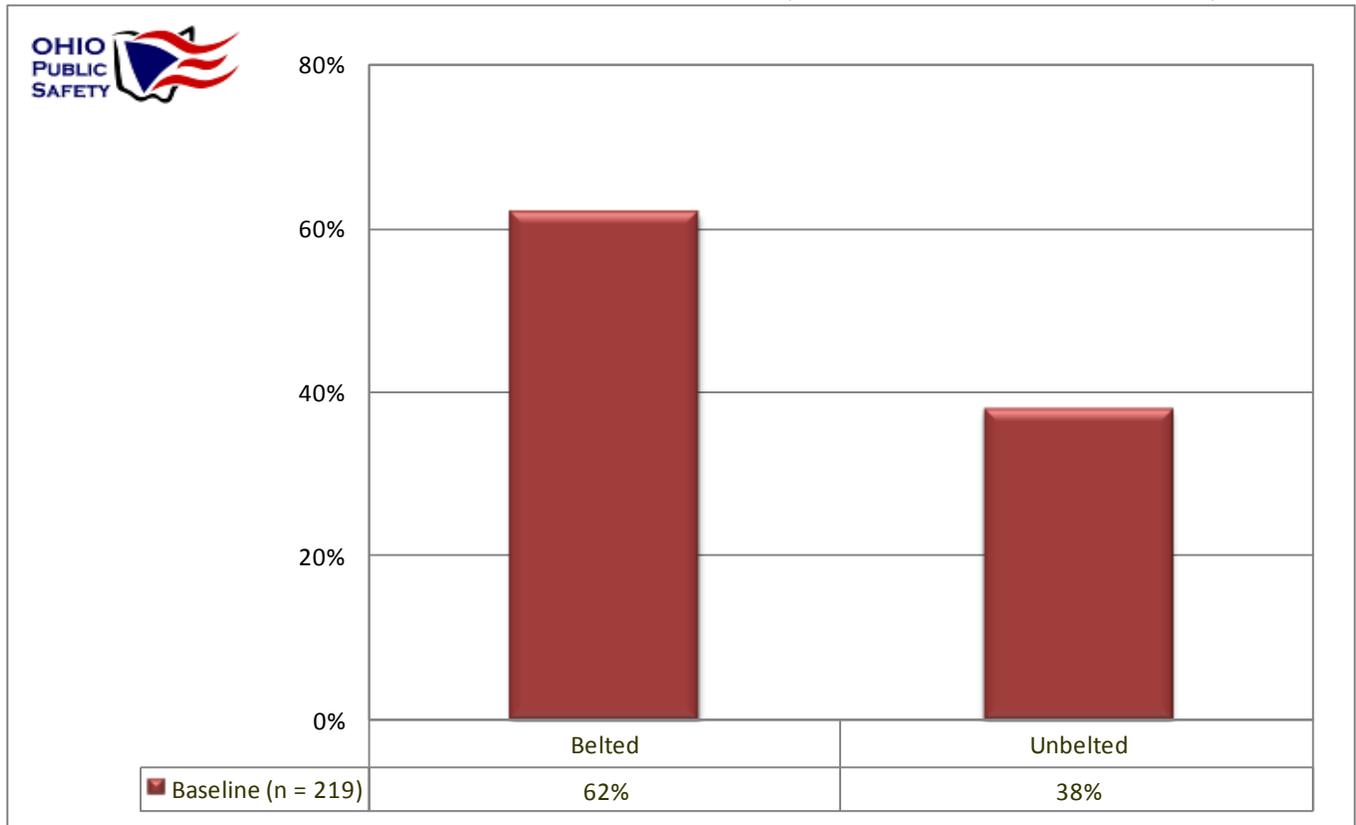
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Mahoning County</b>		<b>72%</b>	<b>28%</b>	<b>3145</b>	<b>72%</b>	<b>28%</b>	<b>878</b>
Survey <sup>a</sup>	Baseline	55%	45%	354	50%	50%	116
	June 2007	75%	25%	1499	75%	25%	411
	September 2007	72%	28%	1292	75%	25%	351
Vehicle Type	Passenger Car	73%	27%	1755	72%	28%	488
	Van/Minivan	74%	26%	363	69%	31%	111
	SUV	75%	25%	574	75%	25%	186
	Pickup Truck	61%	39%	451	66%	34%	93
Driver - Sex	Male	68%	32%	1817	68%	32%	525
	Female	77%	23%	1327	77%	23%	353
Driver - Age	15 - 25	60%	40%	477	51%	49%	119
	26 - 64	72%	28%	2079	73%	27%	588
	64+	81%	19%	588	83%	17%	170
Driver - Race	Caucasian	73%	27%	2867	74%	27%	790
	African American	54%	46%	251	57%	43%	75
	Other	68%	32%	22	33%	67%	9
Passenger - Sex	Male	71%	29%	293	59%	41%	293
	Female	79%	21%	583	78%	22%	583
Passenger - Age	5 - 14	75%	25%	87	74%	26%	87
	15 - 25	73%	27%	197	62%	38%	197
	26 - 64	72%	28%	410	71%	30%	410
	65+	91%	9%	183	84%	16%	183
Passenger - Race	Caucasian	78%	22%	794	74%	26%	794
	African American	60%	40%	72	54%	46%	72
	Other	55%	46%	11	18%	82%	11

<sup>a</sup> The June 2007 Mahoning County results are the new Baseline county data for fiscal year 2008.

# MARION COUNTY

While only Baseline Survey data was submitted for Marion County, the seat belt usage rate for all occupants (drivers and passengers) was 62%.

**FIGURE 39 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Due to the relatively low number of observations, it is difficult to come to any meaningful conclusions for Marion County (Table 39). Further initiatives to increase seat belt use should be broad based and target all populations.

**TABLE 39 CROSS-TABULATION OF MARION COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

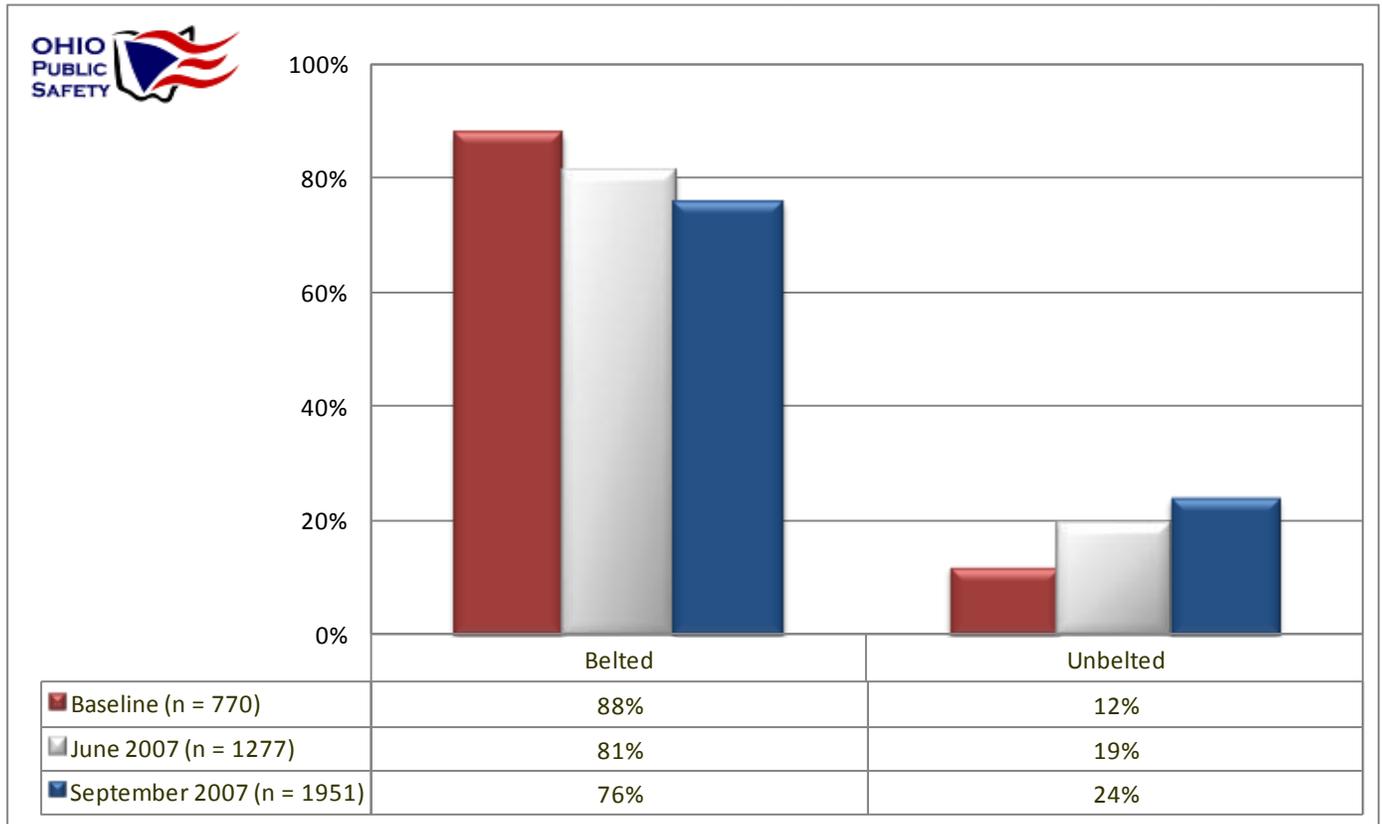
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Marion County</b>		<b>64%</b>	<b>36%</b>	<b>176</b>	<b>56%</b>	<b>44%</b>	<b>43</b>
Survey <sup>a</sup>	Baseline	64%	36%	176	56%	44%	43
Vehicle Type	Passenger Car	72%	28%	81	63%	38%	24
	Van/Minivan	81%	19%	26		100%	4
	SUV	63%	38%	32	71%	29%	7
	Pickup Truck	35%	65%	37	50%	50%	8
Driver - Sex	Male	57%	43%	100	65%	36%	31
	Female	72%	28%	75	33%	67%	12
Driver - Age	15 - 25	47%	53%	30	29%	71%	7
	26 - 64	68%	32%	133	62%	38%	34
	64+	62%	39%	13	50%	50%	2
Driver - Race	Caucasian	64%	36%	168	59%	42%	41
	African American	50%	50%	2		100%	1
	Other		100%	1			
Passenger - Sex	Male	50%	50%	14	29%	71%	14
	Female	55%	45%	29	69%	31%	29
Passenger - Age	0 - 4		100%	1	100%		1
	5 - 14	100%		2	100%		2
	15 - 25	57%	43%	7	43%	57%	7
	26 - 64	53%	47%	30	57%	43%	30
	65+	50%	50%	2	50%	50%	2
Passenger - Race	Caucasian	52%	48%	42	57%	43%	42

<sup>a</sup> The Baseline 2007 Marion County results are the new Baseline county data for fiscal year 2008.

## MEDINA COUNTY

Figure 40 shows that seat belt use in Medina County for all occupants (*drivers and passengers*) decreased from 88% during the Baseline Survey to 81% for the June Survey and 76% during the September Survey period.

**FIGURE 40 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The overall results for Medina County show an 80% seat belt usage rate for both drivers and passengers (Table 40). Decreases can be seen throughout the three survey periods for both passenger and drivers. Targeting pickup truck occupants, male drivers, and occupants between 15 and 25 years of age, and African American occupants would help Medina County see increases in seat belt use.

**TABLE 40 CROSS-TABULATION OF MEDINA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

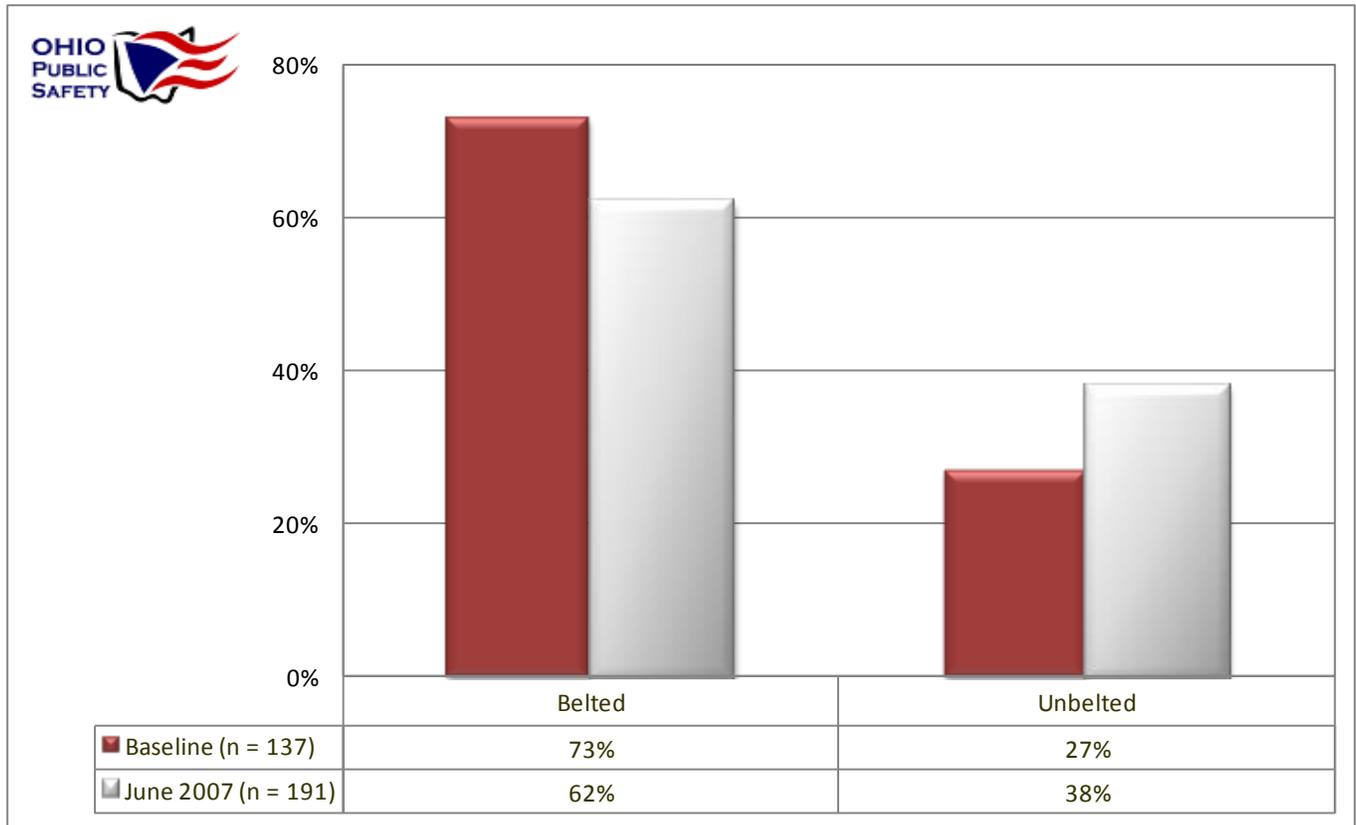
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Medina County</b>		<b>80%</b>	<b>20%</b>	<b>3302</b>	<b>81%</b>	<b>19%</b>	<b>696</b>
Survey <sup>a</sup>	Baseline	86%	14%	593	92%	8%	177
	June 2007	81%	19%	1043	82%	18%	234
	September 2007	76%	24%	1666	74%	26%	285
Vehicle Type	Passenger Car	82%	18%	1692	81%	19%	349
	Van/Minivan	82%	18%	446	85%	15%	123
	SUV	78%	22%	594	84%	16%	132
	Pickup Truck	72%	29%	564	69%	31%	88
Driver - Sex	Male	78%	22%	1908	80%	20%	419
	Female	82%	18%	1376	83%	17%	270
Driver - Age	15 - 25	69%	31%	386	65%	36%	76
	26 - 64	81%	19%	2585	83%	18%	520
	64+	79%	21%	324	87%	13%	98
Driver - Race	Caucasian	80%	20%	3150	83%	18%	647
	African American	65%	35%	79	52%	48%	21
	Other	75%	25%	12	25%	75%	4
Passenger - Sex	Male	80%	20%	213	71%	29%	214
	Female	86%	14%	479	86%	14%	478
Passenger - Age	0 - 4	87%	13%	23	100%		23
	5 - 14	91%	9%	65	88%	12%	65
	15 - 25	78%	22%	179	68%	32%	180
	26 - 64	85%	15%	326	83%	17%	325
	65+	89%	11%	103	88%	12%	103
Passenger - Race	Caucasian	85%	15%	659	82%	18%	659
	African American	53%	47%	17	53%	47%	17
	Other	71%	29%	7	29%	71%	7

<sup>a</sup> The Baseline 2007 Medina County results are the new Baseline county data for fiscal year 2008.

## MERCER COUNTY

The seat belt usage rate in Mercer County for all occupants (*drivers and passengers*) decreased between the Baseline Survey (73%) and the June Survey (62%) (Figure 41). No data was submitted for analysis for the September Survey.

**FIGURE 41 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



While a relatively low number of observations were reported for Mercer County, the overall usage rate for drivers was 68% and 63% for passengers (Table 41). There was a 6% decrease between the Baseline Survey (71%) and the June Survey (65%). Continued broad based initiatives should help Mercer County raise its seat belt use.

**TABLE 41 CROSS-TABULATION OF MERCER COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

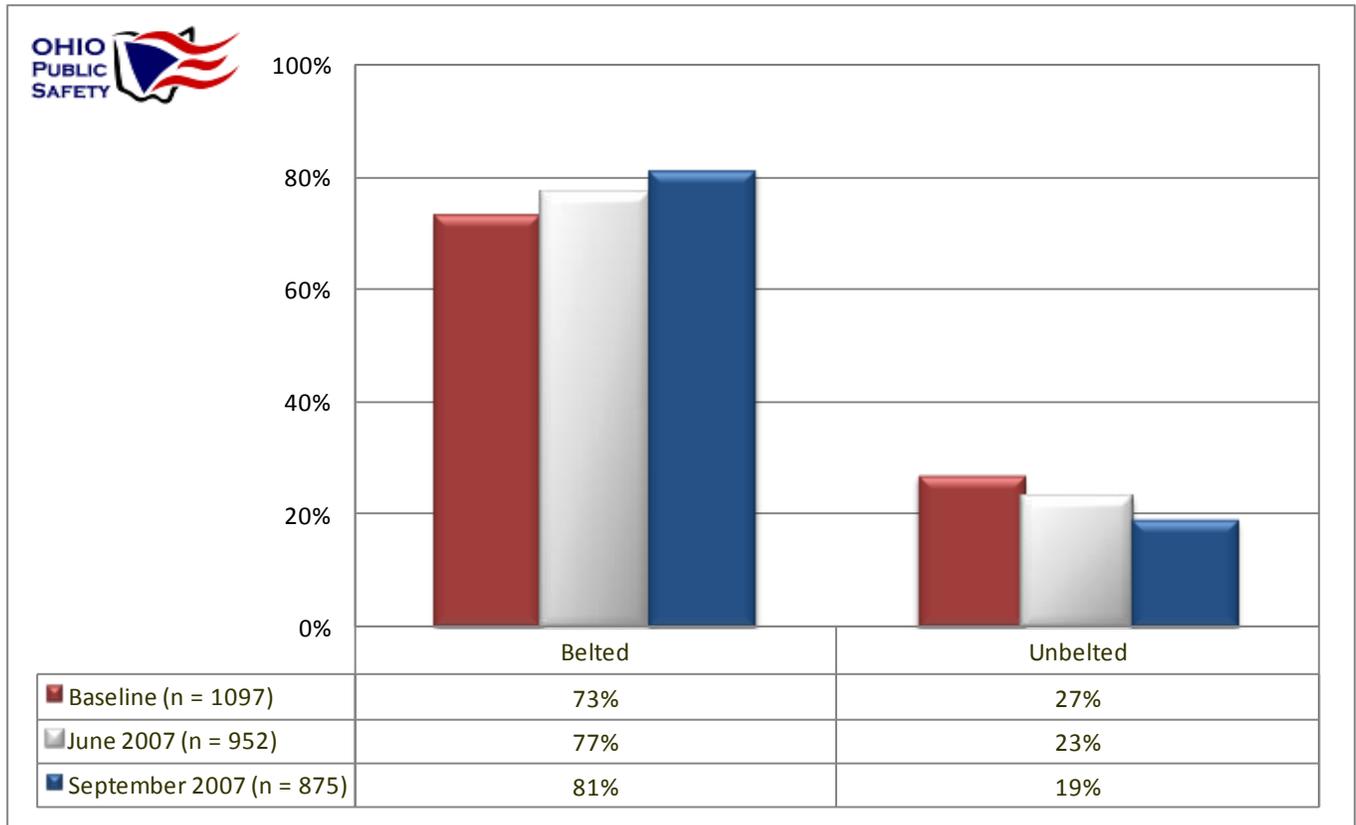
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Mercer County</b>		<b>68%</b>	<b>32%</b>	<b>255</b>	<b>63%</b>	<b>37%</b>	<b>73</b>
Survey <sup>a</sup>	Baseline	71%	29%	105	78%	22%	32
	June 2007	65%	35%	150	51%	49%	41
Vehicle Type	Passenger Car	63%	37%	99	64%	36%	25
	Van/Minivan	70%	30%	50	55%	45%	20
	SUV	82%	18%	28	70%	30%	10
	Pickup Truck	68%	32%	78	67%	33%	18
Driver - Sex	Male	65%	35%	166	62%	38%	55
	Female	73%	27%	86	65%	35%	17
Driver - Age	15 - 25	51%	49%	43	50%	50%	6
	26 - 64	70%	30%	173	61%	39%	51
	64+	76%	24%	38	73%	27%	15
Driver - Race	Caucasian	68%	32%	251	64%	36%	72
	African American		100%	1		100%	1
Passenger - Sex	Male	70%	30%	23	52%	48%	23
	Female	72%	28%	50	68%	32%	50
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	80%	20%	5	80%	20%	5
	15 - 25	50%	50%	10	30%	70%	10
	26 - 64	70%	30%	37	60%	41%	37
	65+	80%	20%	20	80%	20%	20
Passenger - Race	Caucasian	71%	29%	73	63%	37%	73

<sup>a</sup> The Baseline 2007 Mercer County results are the new Baseline county data for fiscal year 2008.

## MIAMI COUNTY

Seat belt use in Miami County for all occupants (*drivers and passengers*) increased steadily over the three observation periods (Figure 42). The Baseline Survey rate was 73% which increased to 77% for the June Survey and 81% for the September Survey.

**FIGURE 42 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The overall seat belt usage rate in Miami County was 76% for drivers and 78% for passengers (Table 42). There was a steady increase use between the Baseline and June and September Surveys for drivers. Seat belt use should increase in Miami County if future initiatives targeted pickup truck occupants, male occupants, and occupants 15-25 years old.

**TABLE 42 CROSS-TABULATION OF MIAMI COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

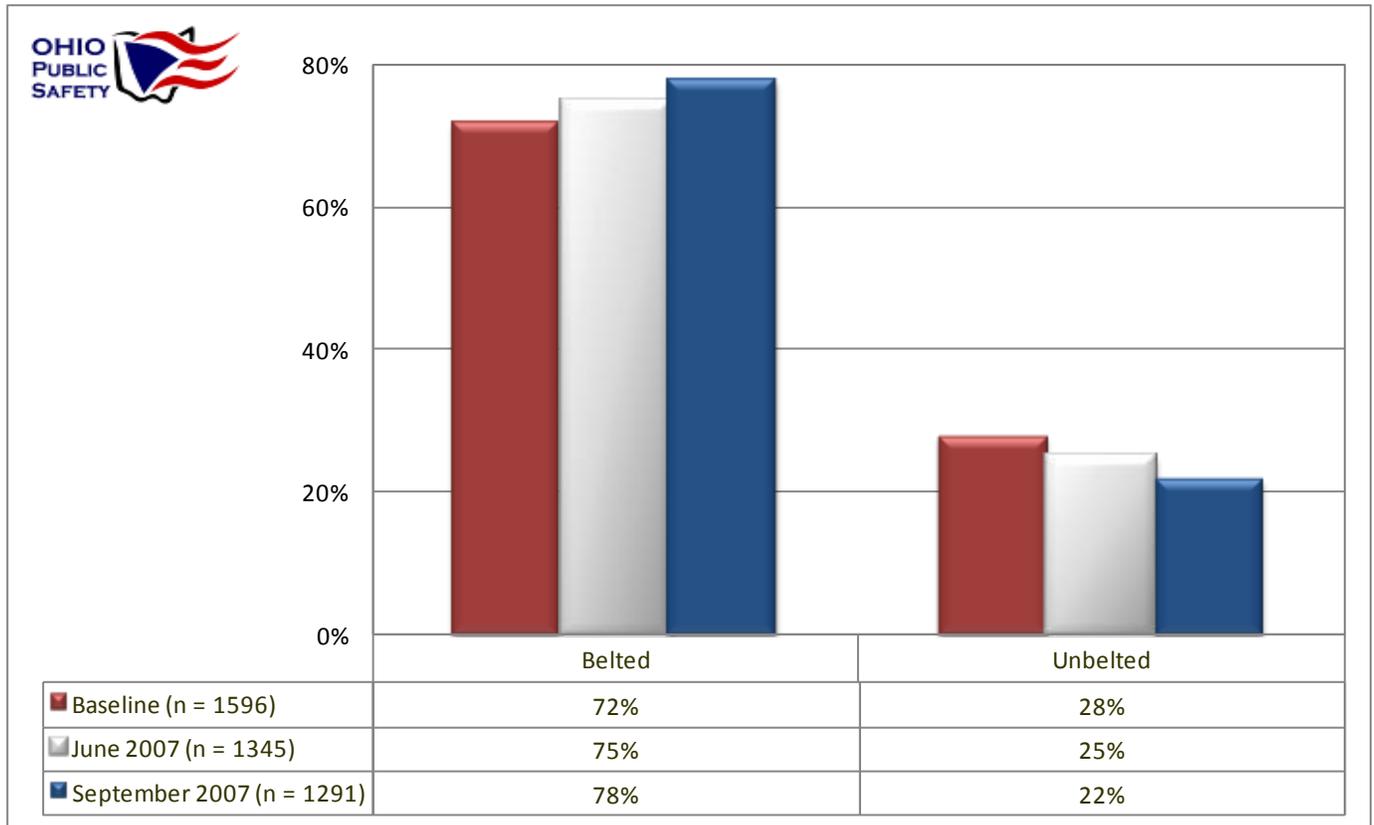
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Miami County</b>		<b>76%</b>	<b>24%</b>	<b>2492</b>	<b>78%</b>	<b>22%</b>	<b>432</b>
Survey <sup>a</sup>	Baseline	72%	28%	914	80%	20%	183
	June 2007	77%	23%	835	76%	24%	117
	September 2007	82%	18%	743	77%	23%	132
Vehicle Type	Passenger Car	80%	20%	1271	78%	22%	219
	Van/Minivan	79%	21%	315	82%	18%	79
	SUV	79%	21%	382	86%	14%	66
	Pickup Truck	64%	36%	523	68%	32%	68
Driver - Sex	Male	73%	27%	1450	77%	23%	294
	Female	81%	19%	1034	81%	19%	136
Driver - Age	15 - 25	65%	35%	185	73%	27%	26
	26 - 64	77%	23%	1967	75%	25%	301
	64+	81%	19%	338	88%	12%	105
Driver - Race	Caucasian	77%	24%	2447	78%	22%	425
	African American	67%	33%	18	67%	33%	3
	Other	91%	9%	11	100%		2
Passenger - Sex	Male	74%	27%	147	71%	29%	147
	Female	81%	19%	284	82%	18%	285
Passenger - Age	0 - 4	100%		2	100%		2
	5 - 14	83%	17%	23	83%	17%	23
	15 - 25	74%	26%	50	66%	34%	50
	26 - 64	75%	25%	253	75%	25%	254
	65+	88%	12%	103	90%	10%	103
Passenger - Race	Caucasian	79%	21%	417	79%	21%	417
	African American	67%	33%	3	33%	67%	3
	Other	75%	25%	4	75%	25%	4

<sup>a</sup> The September 2007 Miami County results are the new Baseline county data for fiscal year 2008.

## MONTGOMERY COUNTY

Figure 43 shows a 3% increase in seat belt use in Crawford County for all occupants (*drivers and passengers*) from the Baseline Survey (72%) to the June Survey (75%). There was an additional 3% increase from the June Survey (75%) to the September Survey (78%).

**FIGURE 43 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, Montgomery County had a 76% use rate for drivers and a 71% rate for passengers (Table 43). While there was a steady increase in seat belt use between the Baseline and June and September Surveys for both drivers and passengers, these rates remain below the 85% usage rate goal set for Ohio. Initiatives to increase seat belt use should be broad based. Nevertheless, targeting both drivers and passengers of pickup trucks, males, younger drivers and their passengers, and African American drivers and their passengers should help increase seat belt usage rates in Montgomery County.

**TABLE 43 CROSS-TABULATION OF MONTGOMERY COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Montgomery County</b>		<b>76%</b>	<b>24%</b>	<b>3394</b>	<b>71%</b>	<b>29%</b>	<b>838</b>
Survey <sup>a</sup>	Baseline	73%	27%	1302	69%	31%	294
	June 2007	77%	24%	1055	70%	30%	290
	September 2007	79%	21%	1037	74%	26%	254
Vehicle Type	Passenger Car	76%	24%	1950	71%	29%	482
	Van/Minivan	81%	19%	424	69%	31%	128
	SUV	79%	21%	645	78%	22%	147
	Pickup Truck	65%	35%	373	61%	40%	81
Driver - Sex	Male	73%	27%	1880	70%	30%	486
	Female	79%	21%	1508	71%	29%	350
Driver - Age	15 - 25	65%	35%	695	51%	49%	159
	26 - 64	78%	22%	2400	74%	27%	582
	64+	81%	19%	297	87%	13%	97
Driver - Race	Caucasian	80%	20%	2580	76%	24%	617
	African American	63%	37%	739	55%	45%	185
	Other	75%	25%	63	57%	43%	30
Passenger - Sex	Male	73%	27%	315	62%	38%	315
	Female	80%	20%	521	76%	24%	520
Passenger - Age	0 - 4	87%	13%	15	87%	13%	15
	5 - 14	78%	22%	54	64%	36%	53
	15 - 25	62%	38%	242	56%	44%	242
	26 - 64	81%	19%	409	75%	25%	409
	65+	93%	7%	118	89%	11%	118
Passenger - Race	Caucasian	81%	19%	614	76%	24%	613
	African American	64%	36%	184	58%	42%	184
	Other	68%	32%	31	52%	48%	31

<sup>a</sup> The September 2007 Montgomery County results are the new Baseline county data for fiscal year 2008.

# MORROW COUNTY

Baseline Survey results show a 66% seat belt usage rate in Morrow County for all occupants (*drivers and passengers*)(Figure 44). This rate increased to 76% for the June Survey, then slightly declined to 73% for the September Survey.

**FIGURE 44 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

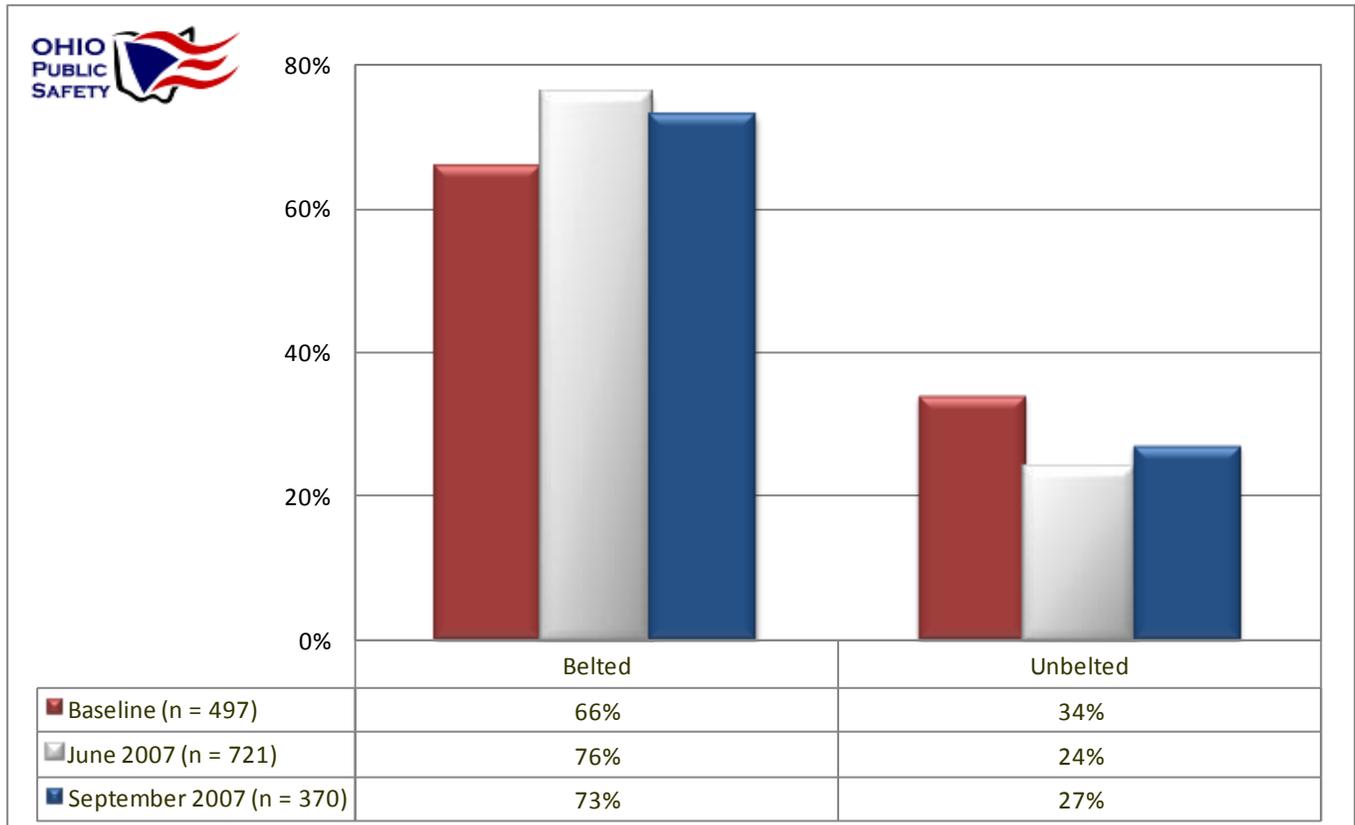


Table 44 shows that overall, 73% of drivers and 68% of passengers were belted in Morrow County. There was an increase in seat belt use between the Baseline and June Survey for drivers, with a slight decrease during the September Surveys. The usage rate for passengers increased slightly from the Baseline to June Survey, but then decreased during the September Survey.

**TABLE 44 CROSS-TABULATION OF MORROW COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

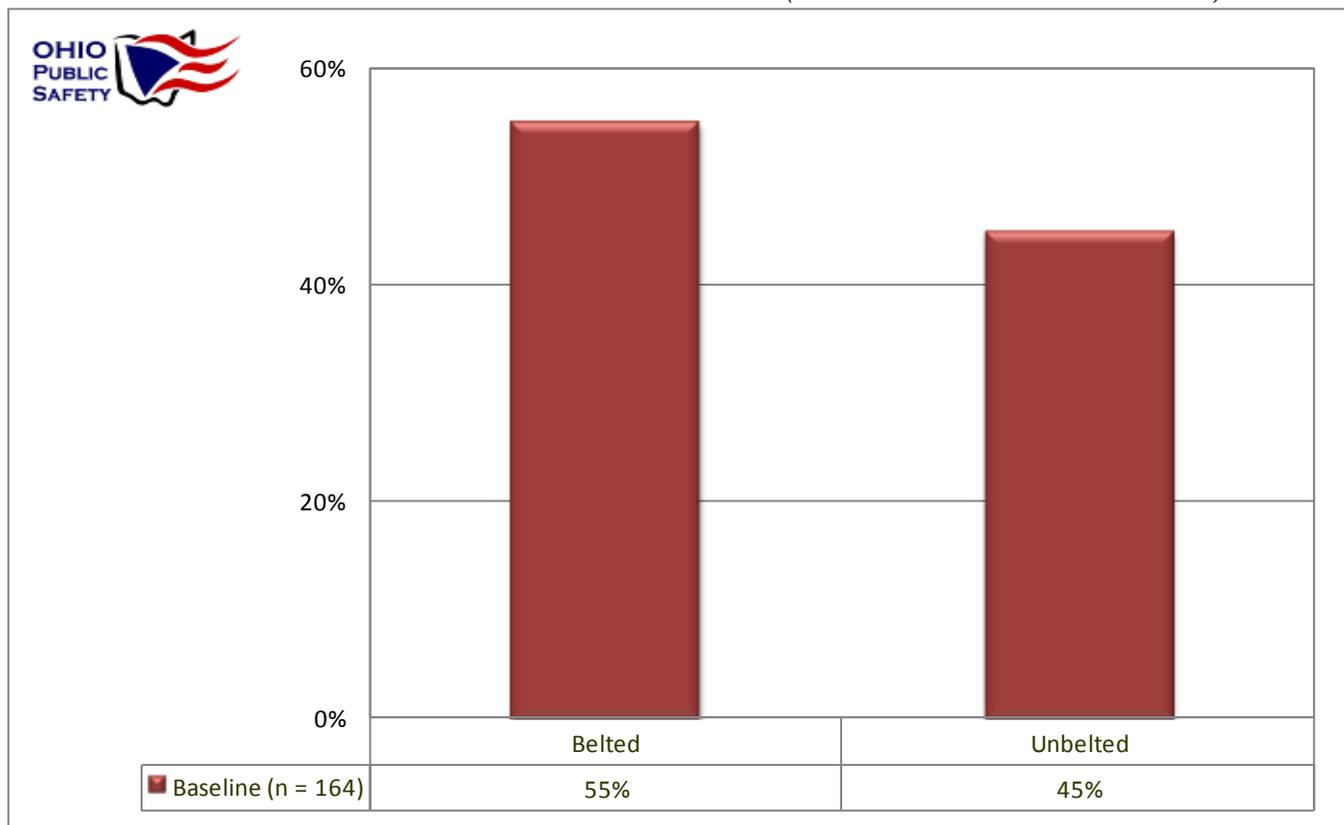
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Morrow County</b>		<b>73%</b>	<b>27%</b>	<b>1312</b>	<b>68%</b>	<b>32%</b>	<b>276</b>
Survey <sup>a</sup>	Baseline	65%	35%	403	69%	31%	94
	June 2007	77%	23%	592	71%	30%	129
	September 2007	76%	24%	317	59%	42%	53
Vehicle Type	Passenger Car	77%	23%	635	66%	34%	129
	Van/Minivan	80%	21%	166	75%	25%	44
	SUV	79%	21%	173	76%	24%	37
	Pickup Truck	59%	41%	326	62%	39%	65
Driver - Sex	Male	67%	33%	730	66%	35%	177
	Female	81%	19%	561	72%	28%	95
Driver - Age	15 - 25	67%	33%	128	70%	30%	33
	26 - 64	74%	27%	1066	67%	33%	207
	64+	76%	24%	118	72%	28%	36
Driver - Race	Caucasian	73%	27%	1297	68%	33%	274
	African American	100%		2	100%		1
Passenger - Sex	Male	64%	36%	91	59%	41%	90
	Female	75%	25%	183	72%	28%	184
Passenger - Age	5 - 14	82%	18%	33	82%	18%	34
	15 - 25	71%	29%	48	64%	36%	47
	26 - 64	67%	33%	165	64%	36%	165
	65+	82%	18%	28	79%	21%	28
Passenger - Race	Caucasian	71%	29%	271	68%	33%	271
	African American	100%		1	100%		1

<sup>a</sup> The June 2007 Morrow County results are the new Baseline county data for fiscal year 2008.

## MUSKINGUM COUNTY

The 2007 Baseline Survey data shows that 55% of all observed occupants (*drivers and passengers*) in the county were belted (Figure 45). The Baseline Survey was the only data submitted by Muskingum County for 2007.

**FIGURE 45 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The very small number of observations in Muskingum County make it difficult to draw meaningful conclusions; however, overall, 59% of drivers and 43% of passengers were belted (Table 45). Continued broad based initiatives should help Muskingum County raise its seat belt use.

**TABLE 45 CROSS-TABULATION OF MUSKINGUM COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

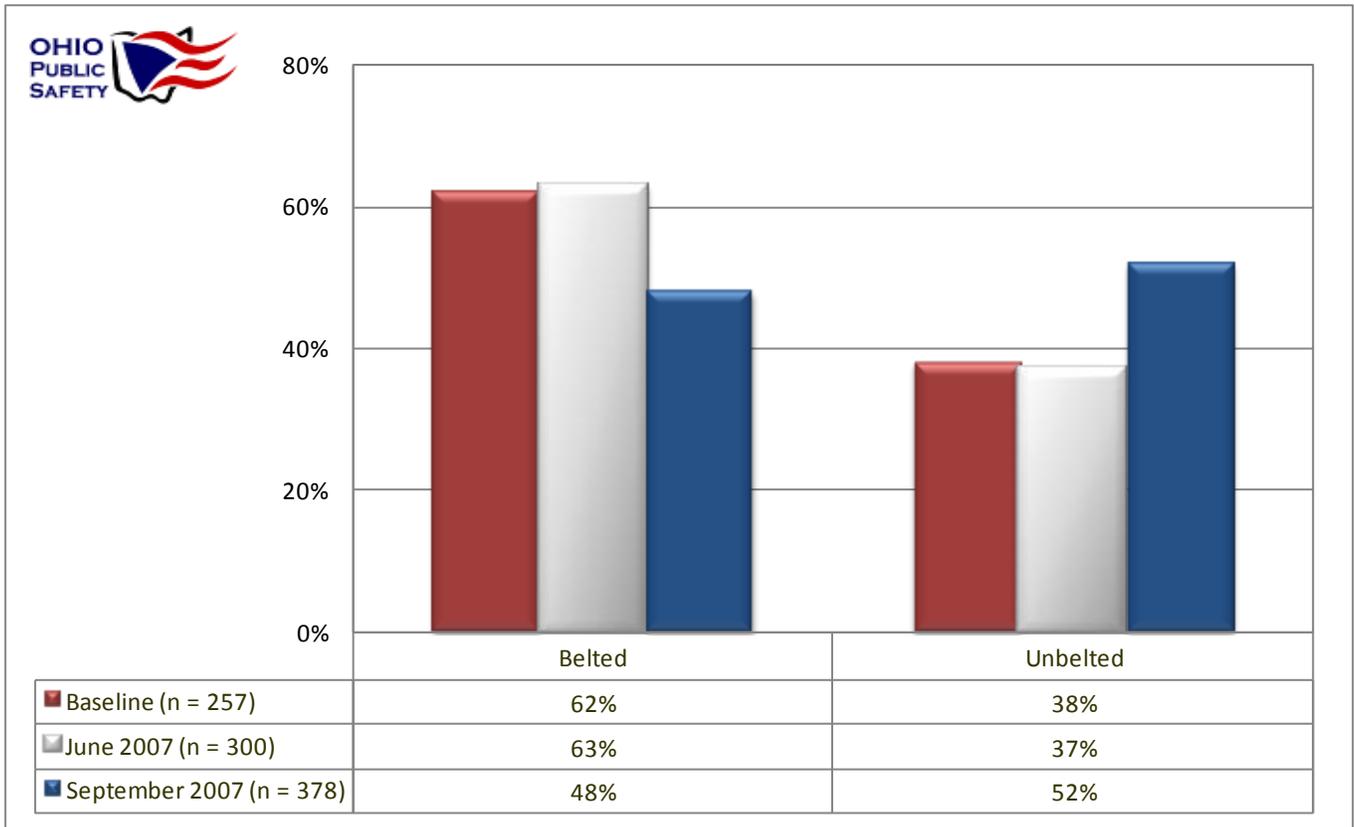
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Muskingum County</b>		<b>59%</b>	<b>41%</b>	<b>120</b>	<b>43%</b>	<b>57%</b>	<b>44</b>
Survey <sup>a</sup>	Baseline	59%	41%	120	43%	57%	44
Vehicle Type	Passenger Car	65%	35%	49	50%	50%	16
	Van/Minivan	63%	38%	24	43%	57%	7
	SUV	65%	35%	23	44%	56%	9
	Pickup Truck	38%	63%	24	33%	67%	12
Driver - Sex	Male	51%	49%	77	42%	58%	31
	Female	74%	26%	42	46%	54%	13
Driver - Age	15 - 25	19%	81%	16	11%	89%	9
	26 - 64	62%	38%	89	41%	59%	27
	64+	87%	13%	15	88%	13%	8
Driver - Race	Caucasian	60%	40%	114	42%	58%	43
	African American	50%	50%	6	100%		1
Passenger - Sex	Male	24%	77%	17	24%	77%	17
	Female	59%	41%	27	56%	44%	27
Passenger - Age	5 - 14		100%	1		100%	1
	15 - 25	9%	91%	11	18%	82%	11
	26 - 64	44%	57%	23	44%	57%	23
	65+	100%		9	78%	22%	9
Passenger - Race	Caucasian	47%	54%	43	42%	58%	43
	African American		100%	1	100%		1

<sup>a</sup> The Baseline 2007 Muskingum County results are the new Baseline county data for fiscal year 2008.

# OTTAWA COUNTY

A slight increase in seat belt use for all occupants (*drivers and passengers*) can be seen from the Baseline to the June Survey (Figure 46). However, the usage rate then decreased during the September Survey to 48%. This usage rate is well below Ohio’s goal of 85%.

**FIGURE 46 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The overall usage rate for drivers was 57% and 56% for passengers (Table 46). Continued broad based initiatives should help Muskingum County raise its seat belt use.

**TABLE 46 CROSS-TABULATION OF OTTAWA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

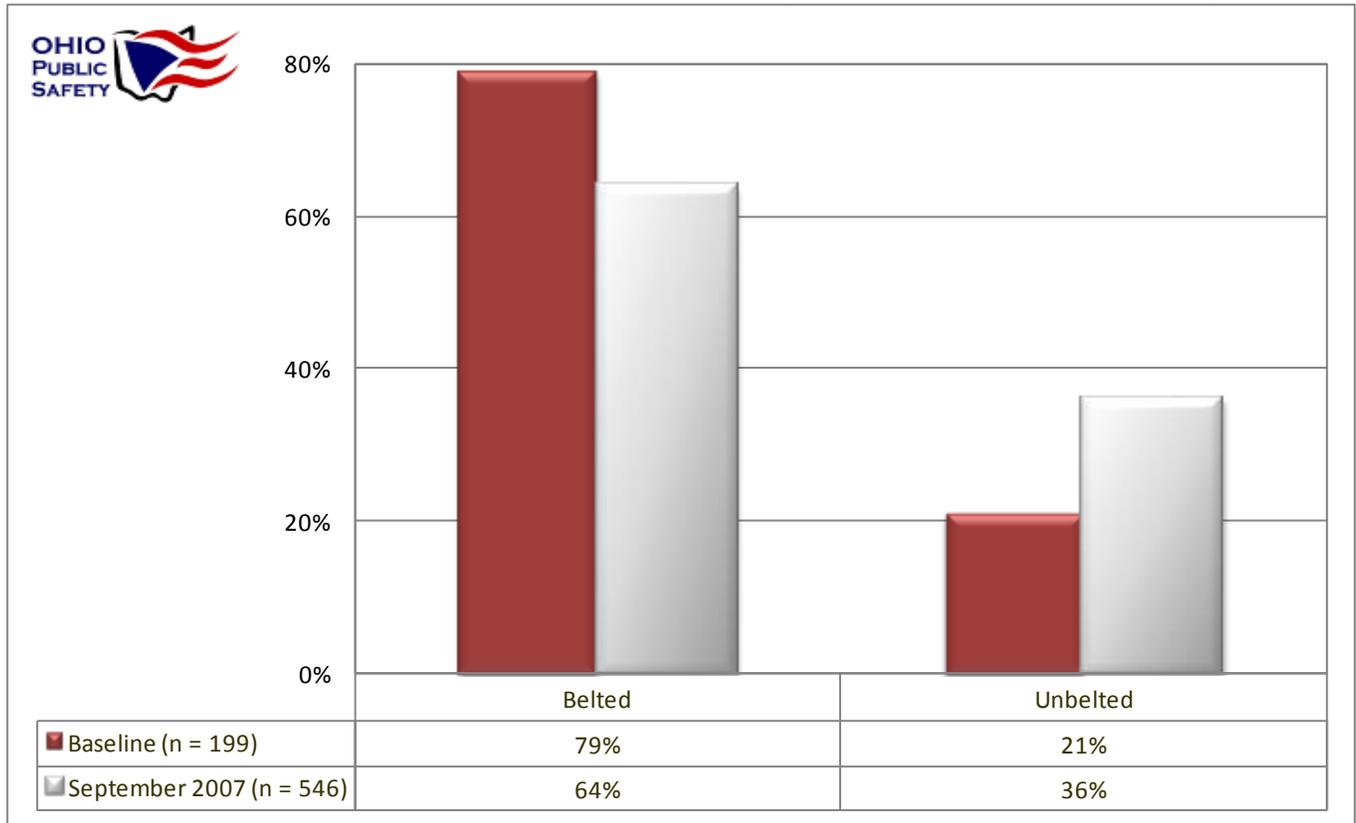
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Ottawa County</b>		<b>57%</b>	<b>43%</b>	<b>754</b>	<b>56%</b>	<b>44%</b>	<b>181</b>
Survey <sup>a</sup>	Baseline	64%	36%	221	53%	47%	36
	June 2007	62%	38%	228	67%	33%	72
	September 2007	48%	52%	305	48%	52%	73
Vehicle Type	Passenger Car	62%	38%	326	62%	38%	81
	Van/Minivan	65%	35%	109	67%	33%	27
	SUV	53%	47%	134	64%	36%	22
	Pickup Truck	46%	54%	183	39%	61%	51
Driver - Sex	Male	57%	43%	452	57%	43%	115
	Female	57%	43%	300	55%	45%	65
Driver - Age	15 - 25	57%	43%	67	40%	60%	10
	26 - 64	57%	44%	604	57%	43%	150
	64+	60%	40%	82	60%	40%	20
Driver - Race	Caucasian	57%	43%	742	56%	44%	178
	African American	57%	43%	7			
	Other		100%	1		100%	1
Passenger - Sex	Male	51%	49%	78	55%	45%	78
	Female	58%	42%	102	58%	42%	102
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	75%	25%	4	100%		4
	15 - 25	46%	54%	28	50%	50%	28
	26 - 64	53%	47%	131	53%	47%	131
	65+	77%	24%	17	77%	24%	17
Passenger - Race	Caucasian	55%	45%	172	58%	42%	172
	African American	100%		1	100%		1
	Other		100%	1		100%	1

<sup>a</sup> The June 2007 Ottawa County results are the new Baseline county data for fiscal year 2008.

# PICKAWAY COUNTY

Seat belt use in Pickaway County for all occupants (*drivers and passengers*) decreased by 15% between the Baseline and September Survey (Figure 47). Results should be reviewed with caution due to the differences in the number of observations during the two surveys. No data was submitted for analysis for the June Survey.

**FIGURE 47 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 68% of drivers and 70% of passengers were belted in Pickaway County (Table 47). There was a decrease in seat belt use between the Baseline and the September Survey for both drivers and passengers. Pickaway County should continue its broad based initiatives which should help increase seat belt use in the county.

**TABLE 47 CROSS-TABULATION OF PICKAWAY COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Pickaway County</b>		<b>68%</b>	<b>32%</b>	<b>611</b>	<b>70%</b>	<b>30%</b>	<b>134</b>
Survey <sup>a</sup>	Baseline	79%	21%	168	77%	23%	31
	September 2007	63%	37%	443	68%	32%	103
Vehicle Type	Passenger Car	65%	35%	290	70%	30%	66
	Van/Minivan	75%	25%	73	83%	17%	18
	SUV	68%	32%	94	85%	15%	20
	Pickup Truck	69%	31%	152	52%	48%	29
Driver - Sex	Male	64%	36%	347	63%	38%	80
	Female	73%	27%	264	82%	19%	54
Driver - Age	15 - 25	68%	32%	50	67%	33%	3
	26 - 64	67%	33%	512	66%	34%	109
	64+	80%	20%	49	91%	9%	22
Driver - Race	Caucasian	68%	33%	604	69%	31%	130
	African American	100%		4	100%		2
	Other	100%		2	100%		1
Passenger - Sex	Male	61%	39%	57	56%	44%	57
	Female	79%	21%	76	80%	20%	76
Passenger - Age	5 - 14	67%	33%	6	83%	17%	6
	15 - 25	65%	35%	23	65%	35%	23
	26 - 64	68%	32%	82	66%	34%	82
	65+	91%	9%	22	86%	14%	22
Passenger - Race	Caucasian	71%	29%	129	69%	31%	129
	African American	100%		2	100%		2
	Other	100%		1	100%		1

<sup>a</sup> The Baseline 2007 Pickaway County results are the new Baseline county data for fiscal year 2008.

## PORTAGE COUNTY

Figure 48 shows that seat belt use in Portage County for all occupants (*drivers and passengers*) remained fairly consistent during the three survey periods. The Baseline rate was 76% which increased to 77% for the June Survey, then declined slightly to 74% for the September Survey.

**FIGURE 48 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

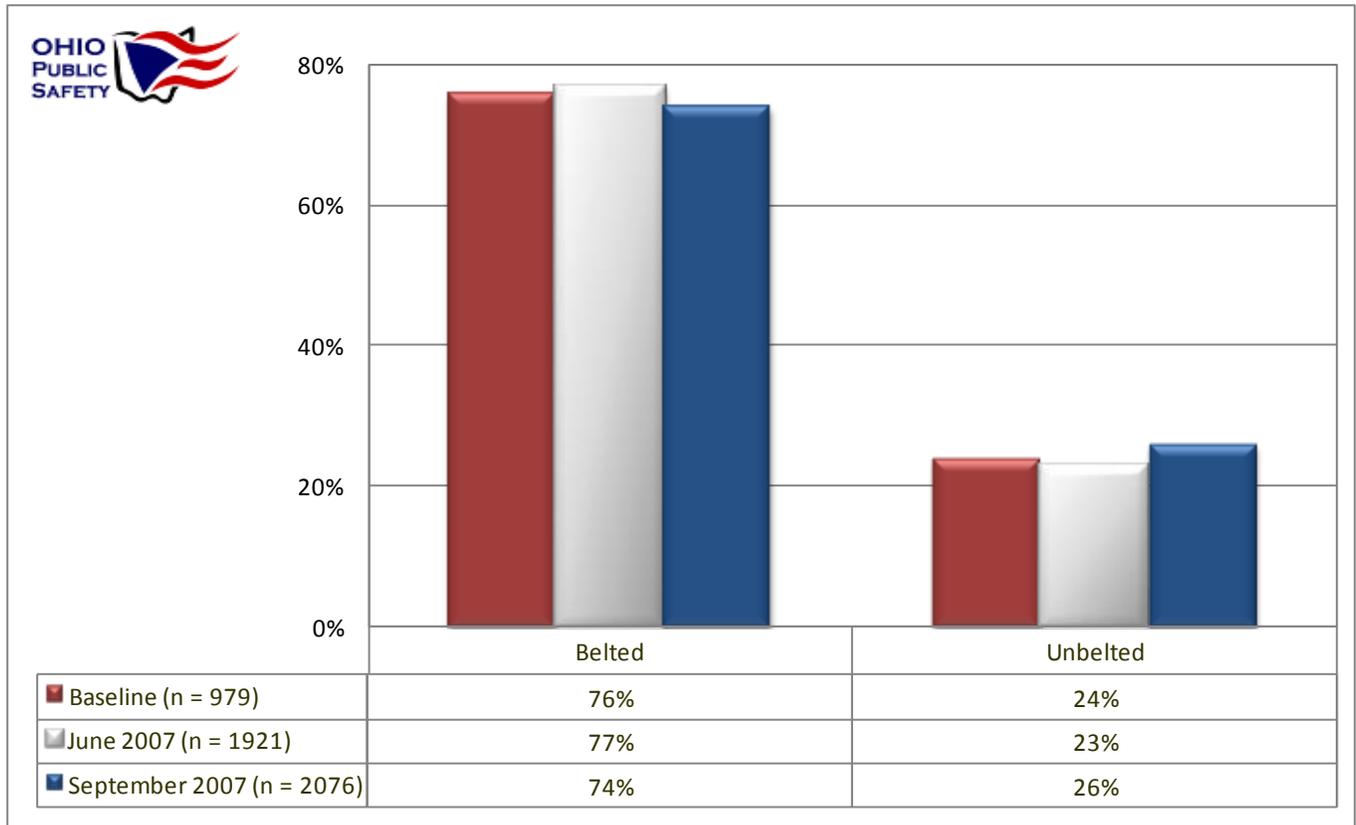


Table 48 shows that overall, 75% of drivers and 74% of passengers were belted in Portage County. There was an increase in seat belt use between the Baseline and June Survey for drivers, with a slight decrease during the September Surveys, while the usage rate for passengers declined over the observation periods. While continuing its broad based efforts, Portage County should consider targeting pickup truck occupants, male drivers, and younger drivers and passengers which should help increase the seat belt use in this county.

**TABLE 48 CROSS-TABULATION OF PORTAGE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

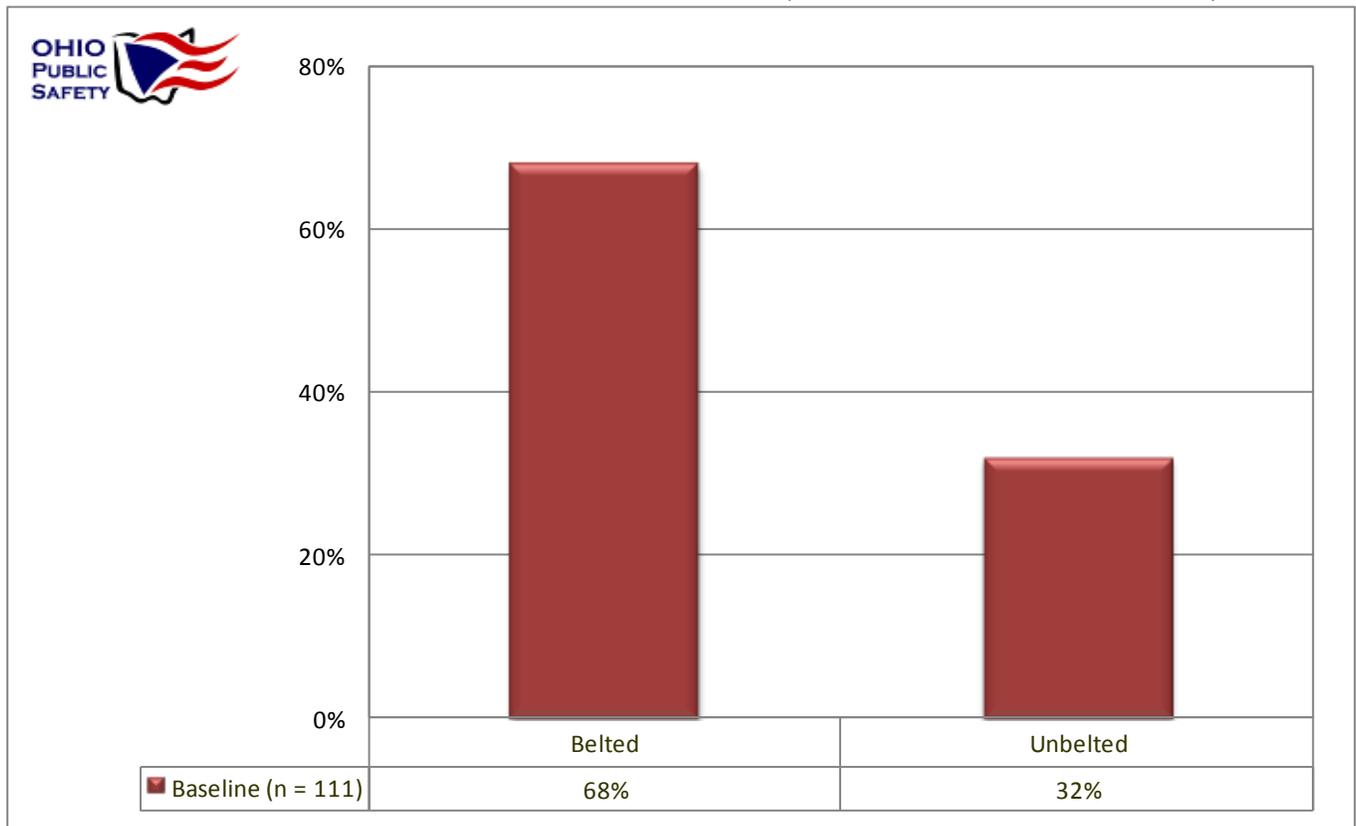
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Portage County</b>		<b>75%</b>	<b>25%</b>	<b>4292</b>	<b>74%</b>	<b>26%</b>	<b>684</b>
Survey <sup>a</sup>	Baseline	76%	25%	874	78%	22%	105
	June 2007	77%	23%	1598	75%	25%	323
	September 2007	74%	26%	1820	71%	29%	256
Vehicle Type	Passenger Car	75%	25%	2381	73%	27%	374
	Van/Minivan	82%	18%	506	79%	22%	107
	SUV	75%	25%	648	75%	25%	109
	Pickup Truck	71%	29%	754	71%	29%	93
Driver - Sex	Male	73%	27%	2278	76%	24%	370
	Female	78%	22%	2006	71%	29%	311
Driver - Age	15 - 25	70%	30%	689	68%	33%	117
	26 - 64	75%	25%	3076	72%	28%	463
	64+	82%	18%	515	87%	13%	99
Driver - Race	Caucasian	75%	25%	4066	74%	26%	639
	African American	74%	26%	164	66%	35%	29
	Other	91%	9%	23	100%		2
Passenger - Sex	Male	75%	25%	235	69%	32%	235
	Female	81%	19%	448	77%	23%	449
Passenger - Age	0 - 4	60%	40%	5	60%	40%	5
	5 - 14	78%	22%	36	83%	17%	36
	15 - 25	69%	31%	165	63%	37%	165
	26 - 64	81%	19%	360	75%	26%	361
	65+	87%	13%	113	85%	15%	113
Passenger - Race	Caucasian	80%	20%	634	75%	25%	635
	African American	53%	47%	32	47%	53%	32
	Other	75%	25%	4	100%		4

<sup>a</sup> The June 2007 Portage County results are the new Baseline county data for fiscal year 2008.

## PREBLE COUNTY

The Baseline Survey data for Preble County indicate that 68% of all occupants (*drivers and passengers*) in the county were belted (Figure 49). It should be noted that there were a relatively low number of observations for the Baseline Survey which is the only data submitted by Preble County.

**FIGURE 49 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The relatively small number of observations makes it difficult to draw meaningful conclusions; however, overall, 67% of drivers and 75% passengers were belted (Table 49). It is recommended that initiatives in this county to increase seat belt use become as comprehensive as possible.

**TABLE 49 CROSS-TABULATION OF PREBLE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

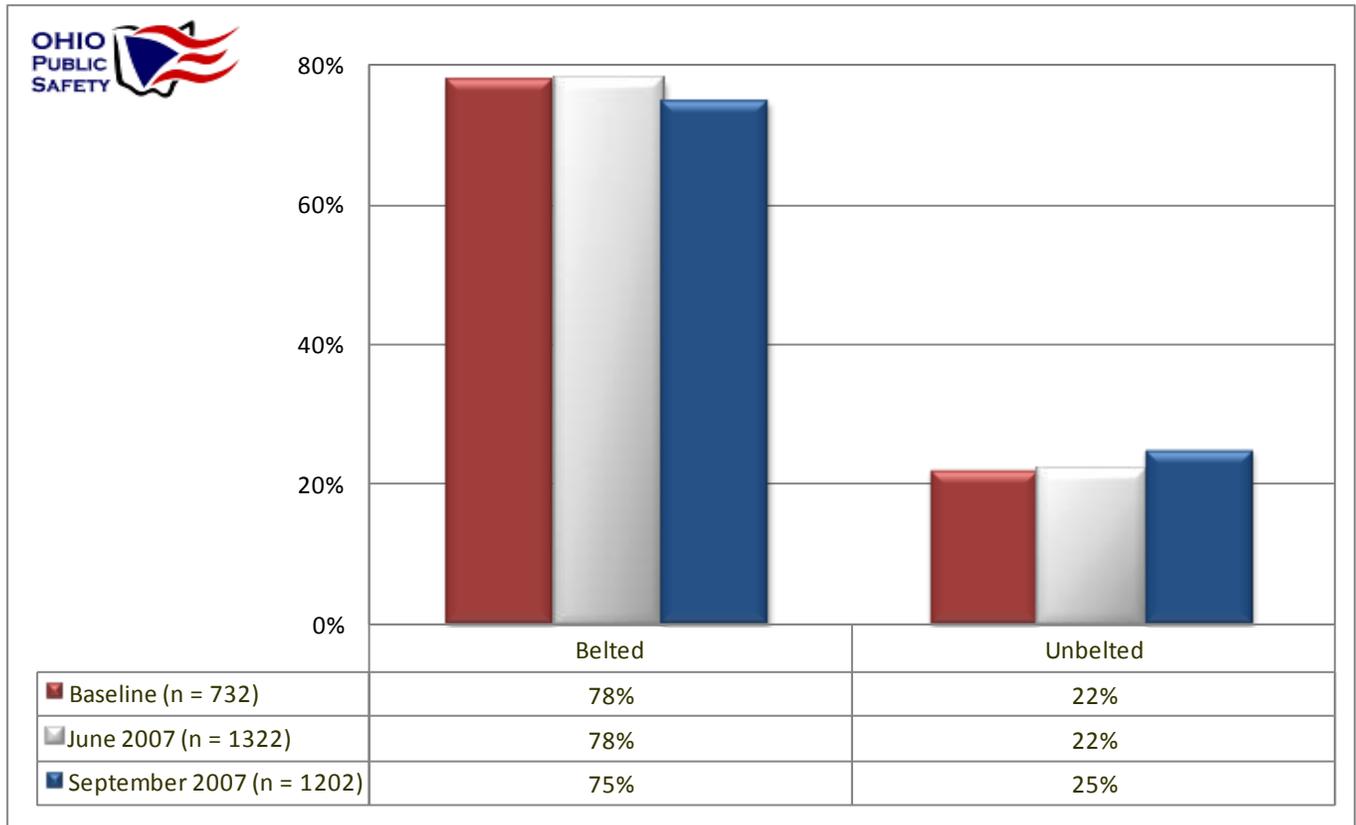
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Preble County</b>		<b>67%</b>	<b>33%</b>	<b>87</b>	<b>75%</b>	<b>25%</b>	<b>24</b>
Survey <sup>a</sup>	Baseline	67%	33%	87	75%	25%	24
Vehicle Type	Passenger Car	79%	21%	38	78%	22%	9
	Van/Minivan	75%	25%	24	89%	11%	9
	SUV	100%		1			
	Pickup Truck	35%	65%	23	40%	60%	5
Driver - Sex	Male	64%	36%	50	67%	33%	15
	Female	69%	31%	36	89%	11%	9
Driver - Age	15 - 25	50%	50%	26	43%	57%	7
	26 - 64	71%	29%	51	85%	15%	13
	64+	90%	10%	10	100%		4
Driver - Race	Caucasian	66%	34%	85	74%	26%	23
	Other	100%		2	100%		1
Passenger - Sex	Male	63%	38%	8	63%	38%	8
	Female	81%	19%	16	81%	19%	16
Passenger - Age	0 - 4	67%	33%	3	67%	33%	3
	5 - 14	50%	50%	2	50%	50%	2
	15 - 25	57%	43%	7	57%	43%	7
	26 - 64	88%	13%	8	88%	13%	8
	65+	100%		4	100%		4
Passenger - Race	Caucasian	70%	30%	20	70%	30%	20
	Other	100%		1	100%		1

<sup>a</sup> The Baseline 2007 Preble County results are the new Baseline county data for fiscal year 2008.

# PUTNAM COUNTY

Seat belt use in Putnam County for all occupants (*drivers and passengers*) remained consistent at 78% between the Baseline and June Survey, and then decreased slightly during the September Survey to 75% which is below NHTSA's goal of 85% seat belt use for Ohio.

**FIGURE 50 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Results for Putnam County show that overall, 76% of drivers and 80% of passengers were belted (Table 50). There was a slight, but steady decrease in seat belt use from the Baseline to the September Survey for drivers, while usage rates for passengers increased slightly during the June Survey then decreased during the September Survey. Targeting pickup truck drivers and male drivers in future initiatives should help Putnam County increase its seat belt usage rate.

**TABLE 50 CROSS-TABULATION OF PUTNAM COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Putnam County</b>		<b>76%</b>	<b>24%</b>	<b>2700</b>	<b>80%</b>	<b>21%</b>	<b>556</b>
Survey <sup>a</sup>	Baseline	78%	22%	650	79%	21%	82
	June 2007	76%	24%	1039	83%	17%	283
	September 2007	75%	25%	1011	74%	26%	191
Vehicle Type	Passenger Car	79%	21%	1161	79%	21%	247
	Van/Minivan	80%	20%	475	84%	16%	109
	SUV	75%	25%	447	83%	17%	100
	Pickup Truck	67%	33%	612	71%	29%	97
Driver - Sex	Male	72%	28%	1619	76%	24%	329
	Female	82%	18%	1061	85%	15%	223
Driver - Age	15 - 25	70%	30%	368	68%	32%	63
	26 - 64	77%	24%	1992	80%	20%	403
	64+	83%	17%	262	91%	9%	65
Driver - Race	Caucasian	76%	24%	2491	80%	20%	494
	African American	85%	15%	27	71%	29%	7
	Other	76%	25%	147	72%	28%	36
Passenger - Sex	Male	79%	21%	225	74%	26%	224
	Female	80%	20%	319	83%	17%	320
Passenger - Age	0 - 4		100%	2	100%		2
	5 - 14	74%	26%	81	79%	21%	80
	15 - 25	75%	25%	123	72%	28%	123
	26 - 64	82%	18%	245	80%	20%	246
	65+	91%	10%	74	93%	7%	74
Passenger - Race	Caucasian	80%	20%	510	80%	20%	510
	African American	67%	33%	3	67%	33%	3
	Other	73%	27%	26	69%	31%	26

<sup>a</sup> The June 2007 Putnam County results are the new Baseline county data for fiscal year 2008.

## RICHLAND COUNTY

Richland County demonstrated a steady increase for all occupants (*drivers and passengers*) in seat belt use over the 2007 observation period (Figure 51). The Baseline Survey rate was 72% which increased to 80% during the June Survey and then 84% for the September Survey, which is close to the 85% usage rate established for Ohio.

**FIGURE 51 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

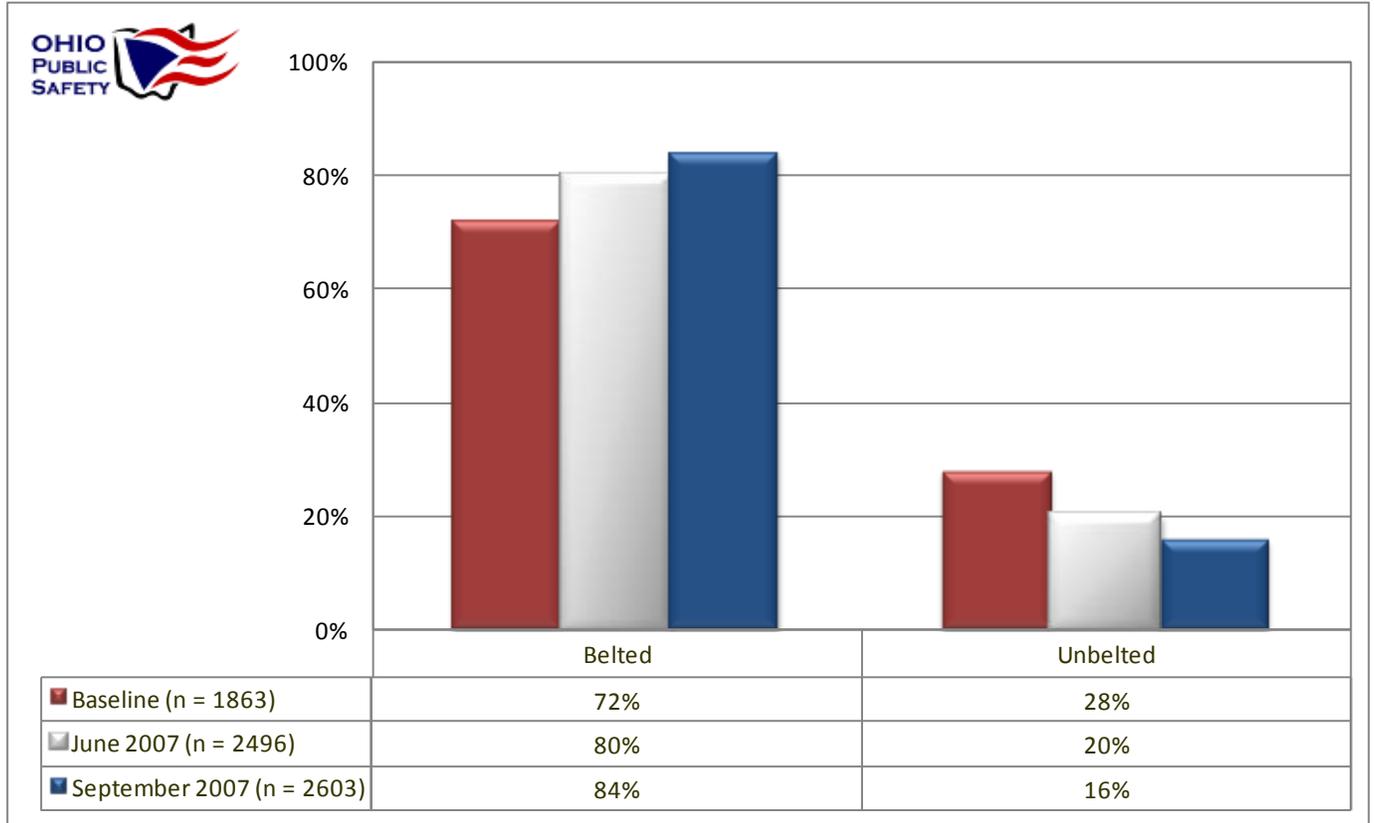


Table 51 illustrates that the overall seat belt usage rate was 80% for drivers and 75% for passengers in Richland County. There was a steady increase in seat belt use between the Baseline and the June and September Surveys for both drivers and passengers. Richland County should continue to focus seat belt use initiatives on all populations which should further help to increase their seat belt usage rate.

**TABLE 51 CROSS-TABULATION OF RICHLAND COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

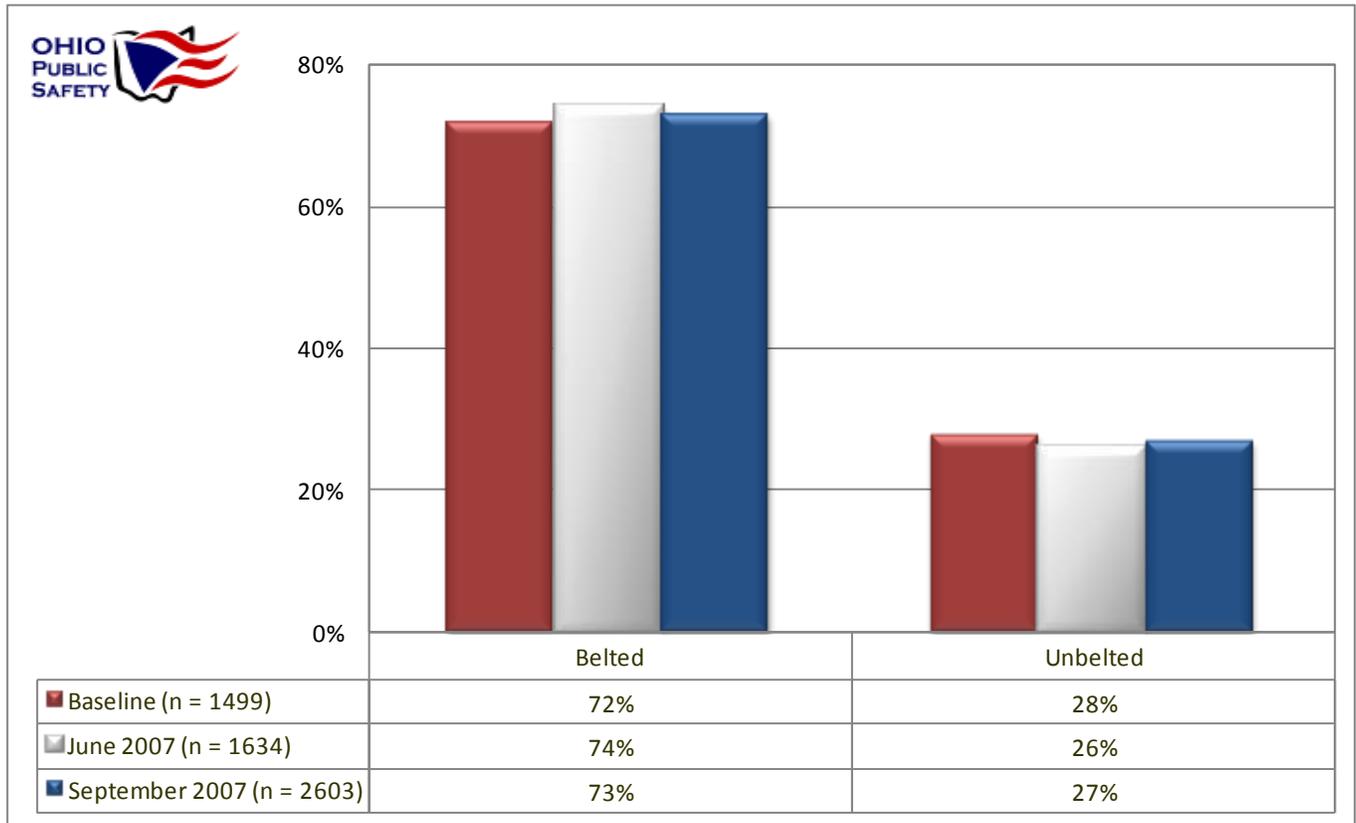
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Richland County</b>		<b>80%</b>	<b>20%</b>	<b>5760</b>	<b>75%</b>	<b>25%</b>	<b>1202</b>
Survey <sup>a</sup>	Baseline	74%	27%	1557	63%	37%	306
	June 2007	81%	19%	2035	75%	25%	461
	September 2007	84%	16%	2168	84%	16%	435
Vehicle Type	Passenger Car	79%	21%	2970	72%	28%	636
	Van/Minivan	85%	15%	689	80%	20%	187
	SUV	84%	16%	929	85%	15%	170
	Pickup Truck	76%	24%	1171	71%	29%	209
Driver - Sex	Male	78%	22%	3139	76%	24%	688
	Female	82%	18%	2609	74%	26%	510
Driver - Age	15 - 25	71%	29%	1045	62%	38%	238
	26 - 64	82%	18%	3929	76%	24%	785
	64+	83%	17%	785	87%	14%	178
Driver - Race	Caucasian	82%	18%	5023	77%	23%	1011
	African American	62%	38%	635	62%	39%	169
	Other	77%	23%	96	60%	40%	20
Passenger - Sex	Male	75%	25%	475	66%	34%	475
	Female	85%	15%	727	81%	19%	726
Passenger - Age	0 - 4	40%	60%	5	20%	80%	5
	5 - 14	79%	21%	138	74%	26%	137
	15 - 25	71%	30%	278	63%	37%	278
	26 - 64	84%	16%	563	78%	22%	563
	65+	90%	11%	219	85%	15%	219
Passenger - Race	Caucasian	84%	16%	1000	78%	22%	999
	African American	69%	31%	183	59%	41%	183
	Other	74%	26%	19	58%	42%	19

<sup>a</sup> The September 2007 Richland County results are the new Baseline county data for fiscal year 2008.

## ROSS COUNTY

The seat belt usage rate in Ross County for all occupants (*drivers and passengers*) remained relatively consistent between the 2007 Baseline and the June and September Surveys, ending at 73% (Figure 52).

**FIGURE 52 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 73% of both drivers and passengers were belted in Ross County (Table 52). There was a slight increase in seat belt use between the Baseline and June Survey for drivers, which stayed the same during the September Survey. Usage rates for passengers, decreased between the June and September Surveys. Efforts to target pickup truck occupants and males should help increase seat belt use in Ross County.

**TABLE 52 CROSS-TABULATION OF ROSS COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Ross County</b>		<b>73%</b>	<b>27%</b>	<b>4903</b>	<b>73%</b>	<b>27%</b>	<b>833</b>
Survey <sup>a</sup>	Baseline	71%	29%	1243	75%	25%	256
	June 2007	74%	26%	1406	75%	25%	228
	September 2007	74%	27%	2254	71%	30%	349
Vehicle Type	Passenger Car	76%	24%	2467	72%	28%	457
	Van/Minivan	79%	21%	473	88%	12%	84
	SUV	73%	27%	851	77%	23%	133
	Pickup Truck	65%	35%	1111	65%	35%	159
Driver - Sex	Male	68%	32%	2537	73%	27%	473
	Female	78%	22%	2361	73%	27%	358
Driver - Age	15 - 25	60%	40%	169	61%	39%	44
	26 - 64	73%	27%	4209	72%	28%	655
	64+	79%	21%	483	85%	15%	122
Driver - Race	Caucasian	73%	27%	4639	73%	27%	756
	African American	66%	34%	95	68%	32%	25
Passenger - Sex	Male	71%	29%	293	63%	37%	293
	Female	78%	22%	532	78%	22%	532
Passenger - Age	0 - 4	100%		2	100%		2
	5 - 14	77%	23%	61	75%	25%	61
	15 - 25	68%	32%	81	67%	33%	81
	26 - 64	74%	26%	562	71%	29%	562
	65+	86%	14%	118	86%	14%	118
Passenger - Race	Caucasian	75%	25%	763	73%	28%	763
	African American	50%	50%	22	64%	36%	22

<sup>a</sup> The June 2007 Ross County results are the new Baseline county data for fiscal year 2008.

## SANDUSKY COUNTY

As shown by Figure 53, seat belt use in Sandusky County for all occupants (*drivers and passengers*) increased by 13% from the Baseline Survey (67%) to the June Survey (80%), but then decreased again during the September Surveys to 75%, which is still well below NHTSA’s goal of 85% for seat belt use in Ohio.

**FIGURE 53 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

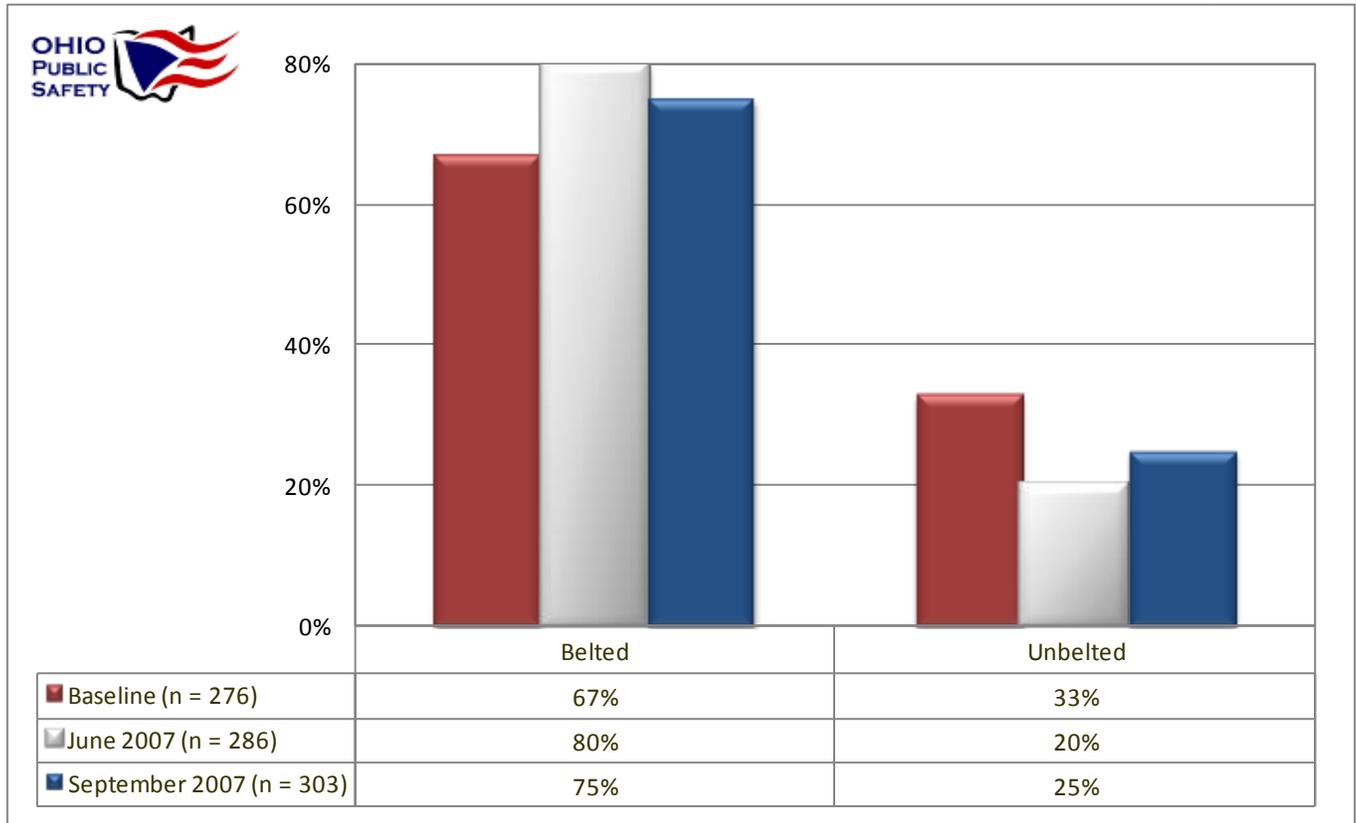


Table 53 shows that overall, 74% of drivers and 76% of passengers were belted in Sandusky County. There was an increase in seat belt use from the Baseline Survey to the June Survey for both drivers and passengers; however, usage rates fell again during the September Survey. Sandusky County should continue its broad based initiatives to increase seat belt use in the county.

**TABLE 53 CROSS-TABULATION OF SANDUSKY COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

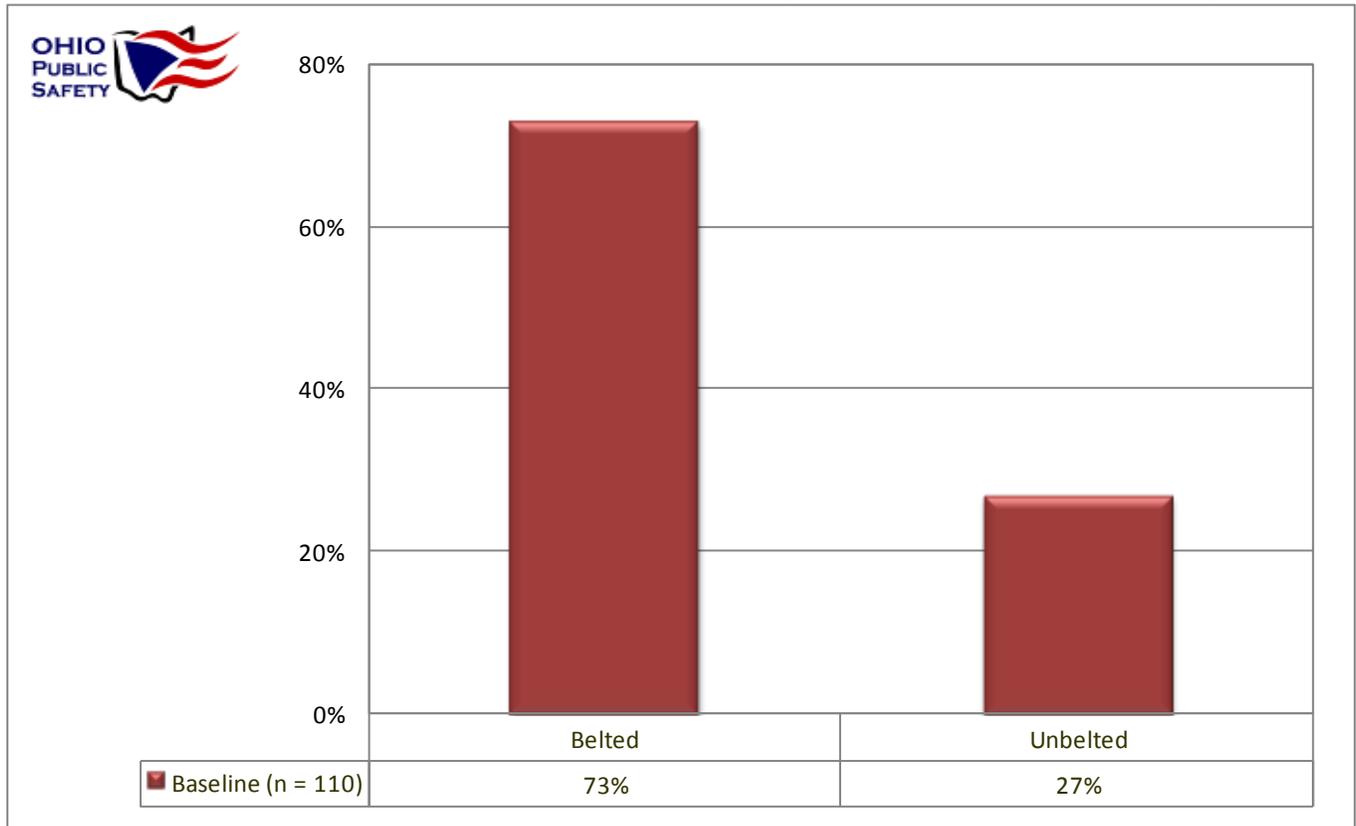
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Sandusky County</b>		<b>74%</b>	<b>26%</b>	<b>698</b>	<b>76%</b>	<b>24%</b>	<b>167</b>
Survey <sup>a</sup>	Baseline	67%	33%	232	68%	32%	44
	June 2007	79%	21%	226	83%	17%	60
	September 2007	75%	25%	240	75%	25%	63
Vehicle Type	Passenger Car	76%	24%	367	81%	19%	84
	Van/Minivan	82%	18%	79	85%	15%	27
	SUV	80%	20%	90	81%	19%	16
	Pickup Truck	60%	40%	161	58%	43%	40
Driver - Sex	Male	74%	26%	371	75%	25%	103
	Female	73%	27%	325	78%	22%	63
Driver - Age	15 - 25	61%	39%	128	79%	21%	29
	26 - 64	76%	24%	535	75%	25%	126
	64+	77%	23%	35	83%	17%	12
Driver - Race	Caucasian	74%	26%	653	76%	24%	154
	African American	50%	50%	12	50%	50%	4
	Other	67%	33%	27	88%	13%	8
Passenger - Sex	Male	71%	29%	56	66%	34%	56
	Female	80%	20%	110	82%	18%	110
Passenger - Age	5 - 14	71%	29%	21	86%	14%	21
	15 - 25	79%	21%	42	76%	24%	42
	26 - 64	76%	24%	91	73%	28%	91
	65+	85%	15%	13	85%	15%	13
Passenger - Race	Caucasian	77%	23%	156	76%	24%	156
	African American	50%	50%	4	50%	50%	4
	Other	83%	17%	6	83%	17%	6

<sup>a</sup> The June 2007 Sandusky County results are the new Baseline county data for fiscal year 2008.

# SCIOTO COUNTY

The 2007 Baseline Survey data indicate that 73% of all observed occupants (*drivers and passengers*) in the county were belted (Figure 54). It should be noted that these findings are based on a very low number of observations. No data was submitted for the June or September Surveys for Scioto County.

**FIGURE 54 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Due to the relatively low number of observations, it is difficult to come to any meaningful conclusions for Scioto County (Table 54). Further initiatives to increase seat belt use should be broad based and target all populations.

**TABLE 54 CROSS-TABULATION OF SCIOTO COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

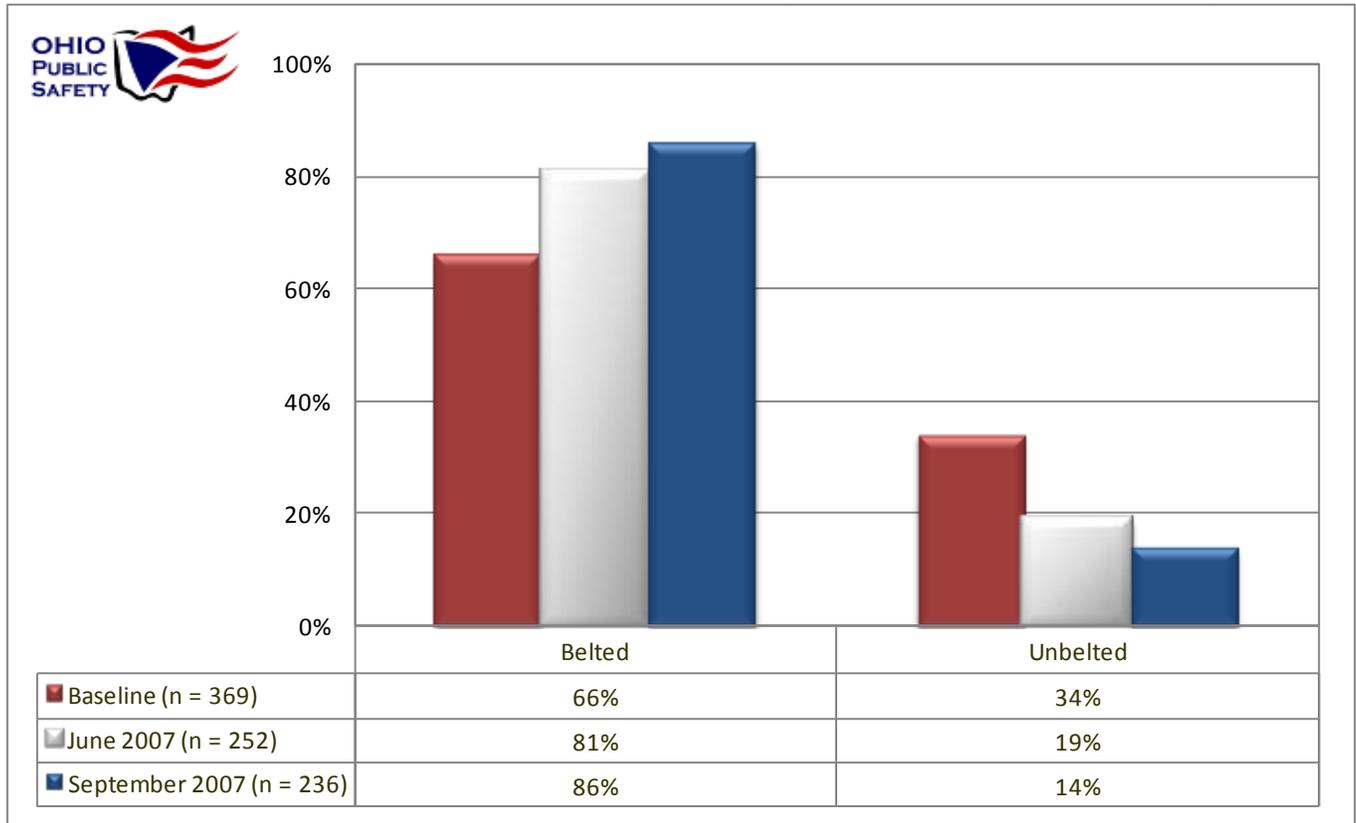
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Scioto County</b>		<b>68%</b>	<b>32%</b>	<b>79</b>	<b>84%</b>	<b>16%</b>	<b>31</b>
Survey <sup>a</sup>	Baseline	68%	32%	79	84%	16%	31
Vehicle Type	Passenger Car	64%	36%	36	78%	22%	18
	Van/Minivan	80%	20%	10	100%		4
	SUV	83%	17%	6	100%		1
	Pickup Truck	67%	33%	27	88%	13%	8
Driver - Sex	Male	71%	29%	49	90%	11%	19
	Female	68%	32%	28	75%	25%	12
Driver - Age	15 - 25	50%	50%	10	75%	25%	4
	26 - 64	74%	26%	58	84%	16%	25
	64+	55%	46%	11	100%		2
Driver - Race	Caucasian	69%	31%	71	86%	14%	28
Passenger - Sex	Male	91%	9%	11	82%	18%	11
	Female	85%	15%	20	85%	15%	20
Passenger - Age	5 - 14	80%	20%	5	80%	20%	5
	15 - 25	89%	11%	9	89%	11%	9
	26 - 64	88%	13%	16	81%	19%	16
	65+	100%		1	100%		1
Passenger - Race	Caucasian	87%	13%	30	83%	17%	30

<sup>a</sup> The Baseline 2007 Scioto County results are the new Baseline county data for fiscal year 2008.

## SENECA COUNTY

Figure 55 illustrates that the seat belt usage rate in Seneca County for all occupants (*drivers and passengers*) increased steadily over the observation period. The Baseline Survey showed a 66% seat belt usage rate which increased to 81% during the June Survey and then reached 86% for the September Survey.

**FIGURE 55 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 78% of drivers and 72% of passengers were belted (Table 55). Increases for both drivers and passengers occurred over the three survey periods. Along with other groups, the county should focus on pickup truck occupants, males, and 15-25 year old occupants.

**TABLE 55 CROSS-TABULATION OF SENECA COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

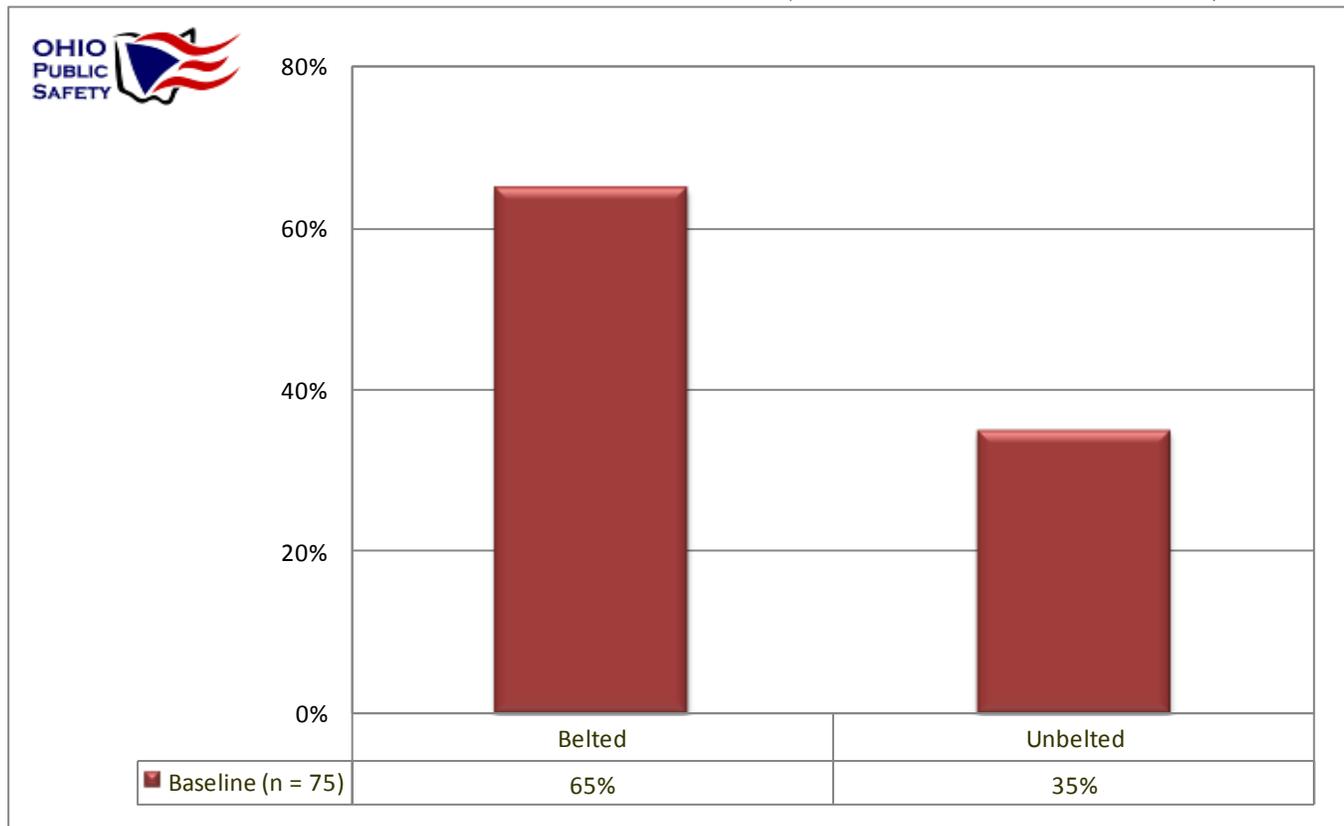
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Seneca County</b>		<b>78%</b>	<b>22%</b>	<b>660</b>	<b>72%</b>	<b>28%</b>	<b>197</b>
Survey <sup>a</sup>	Baseline	66%	34%	273	67%	33%	96
	June 2007	84%	16%	191	72%	28%	61
	September 2007	87%	13%	196	83%	18%	40
Vehicle Type	Passenger Car	82%	18%	355	74%	26%	117
	Van/Minivan	80%	21%	78	80%	20%	20
	SUV	73%	27%	93	69%	31%	32
	Pickup Truck	67%	33%	134	57%	43%	28
Driver - Sex	Male	74%	26%	373	69%	31%	113
	Female	82%	18%	283	74%	26%	81
Driver - Age	15 - 25	73%	27%	157	70%	30%	53
	26 - 64	79%	21%	443	71%	29%	125
	64+	83%	18%	57	79%	21%	19
Driver - Race	Caucasian	79%	21%	616	73%	27%	180
	African American	64%	36%	25	50%	50%	10
	Other	56%	44%	9		100%	1
Passenger - Sex	Male	77%	23%	75	65%	35%	75
	Female	81%	19%	122	75%	25%	122
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	82%	18%	22	86%	14%	22
	15 - 25	77%	23%	66	61%	39%	66
	26 - 64	77%	23%	92	72%	28%	92
	65+	100%		16	94%	6%	16
Passenger - Race	Caucasian	81%	19%	184	73%	27%	184
	African American	67%	33%	12	58%	42%	12
	Other		100%	1		100%	1

<sup>a</sup> The September 2007 Seneca County results are the new Baseline county data for fiscal year 2008.

## SHELBY COUNTY

The Baseline Survey data indicate that only 65% of all occupants (*drivers and passengers*) in Shelby County were belted (Figure 56). However, it should be noted that this is based on a very low number of observations. No data was submitted for analysis for the June and September Surveys for Shelby County.

**FIGURE 56 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The extremely small number of observations make it difficult to draw meaningful conclusions; however, overall, 71% of drivers and 50% of passengers were belted in Shelby County (Table 56).

**TABLE 56 CROSS-TABULATION OF SHELBY COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

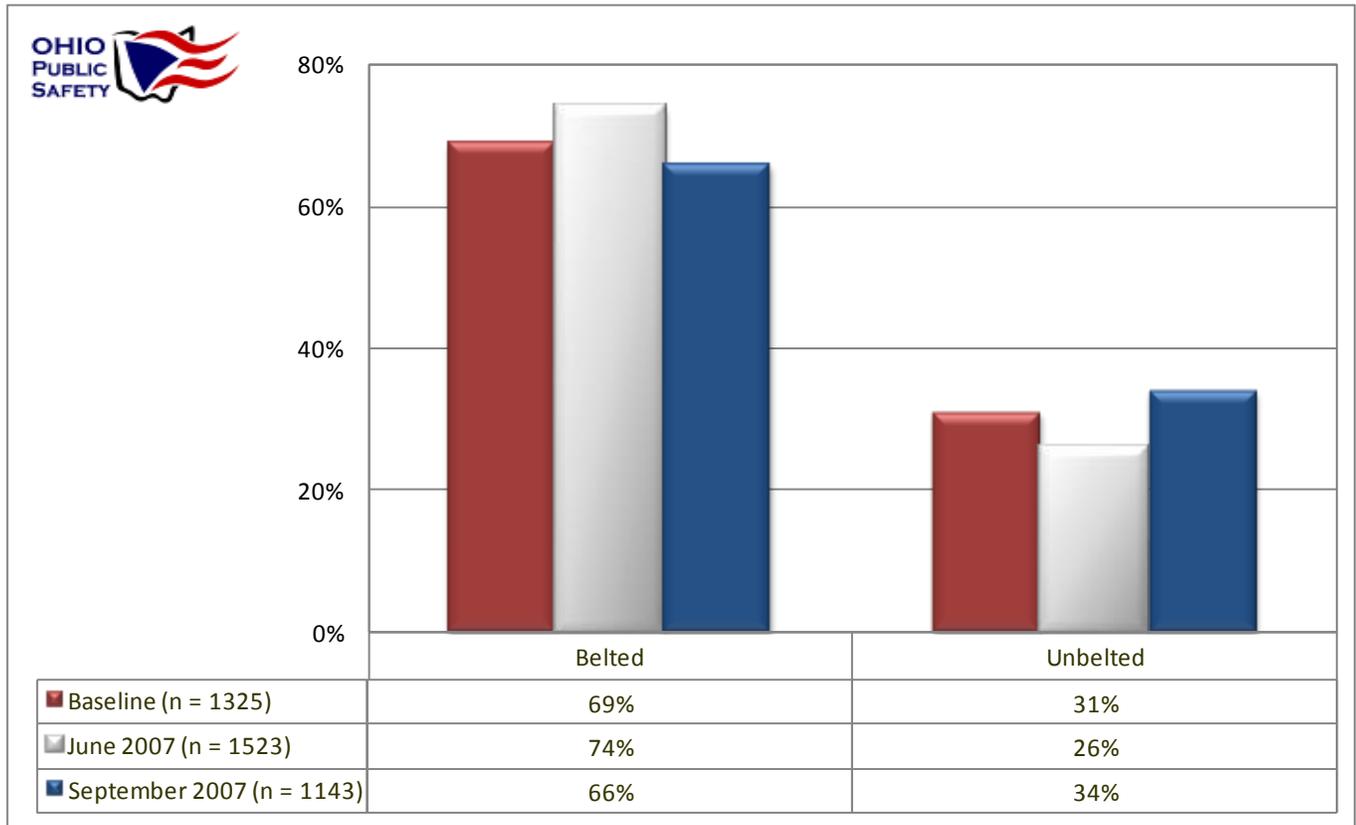
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Shelby County</b>		<b>71%</b>	<b>29%</b>	<b>55</b>	<b>50%</b>	<b>50%</b>	<b>20</b>
Survey <sup>a</sup>	Baseline	71%	29%	55	50%	50%	20
Vehicle Type	Passenger Car	81%	19%	26	67%	33%	12
	Van/Minivan	67%	33%	9	25%	75%	4
	SUV	50%	50%	6		100%	1
	Pickup Truck	55%	46%	11		100%	2
Driver - Sex	Male	68%	32%	31	64%	36%	11
	Female	73%	27%	22	25%	75%	8
Driver - Age	15 - 25	85%	15%	13	20%	80%	5
	26 - 64	62%	38%	34	55%	46%	11
	64+	86%	14%	7	75%	25%	4
Driver - Race	Caucasian	71%	29%	51	44%	56%	18
Passenger - Sex	Male	75%	25%	4		100%	4
	Female	80%	20%	15	67%	33%	15
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	100%		3	33%	67%	3
	15 - 25	75%	25%	4	25%	75%	4
	26 - 64	57%	43%	7	43%	57%	7
	65+	100%		5	80%	20%	5
Passenger - Race	Caucasian	82%	18%	17	53%	47%	17

<sup>a</sup> The Baseline 2007 Shelby County results are the new Baseline county data for fiscal year 2008.

# STARK COUNTY

Seat belt use in Stark County for all occupants (*drivers and passengers*) increased from the Baseline Survey (69%) to the June Survey (74%), but then decreased during the September Surveys to 66% (Figure 57).

**FIGURE 57 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Survey results for Stark County show that overall, 71% of drivers and 65% of passengers were belted (Table 57). There was an increase in seat belt use between the Baseline and June Survey for both drivers and passengers; however, usage rates declined during the September Survey. Targeting pickup truck occupants, male occupants, and occupants between the ages of 15 and 25, should help Stark County increase its seat belt usage rate.

**TABLE 57 CROSS-TABULATION OF STARK COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

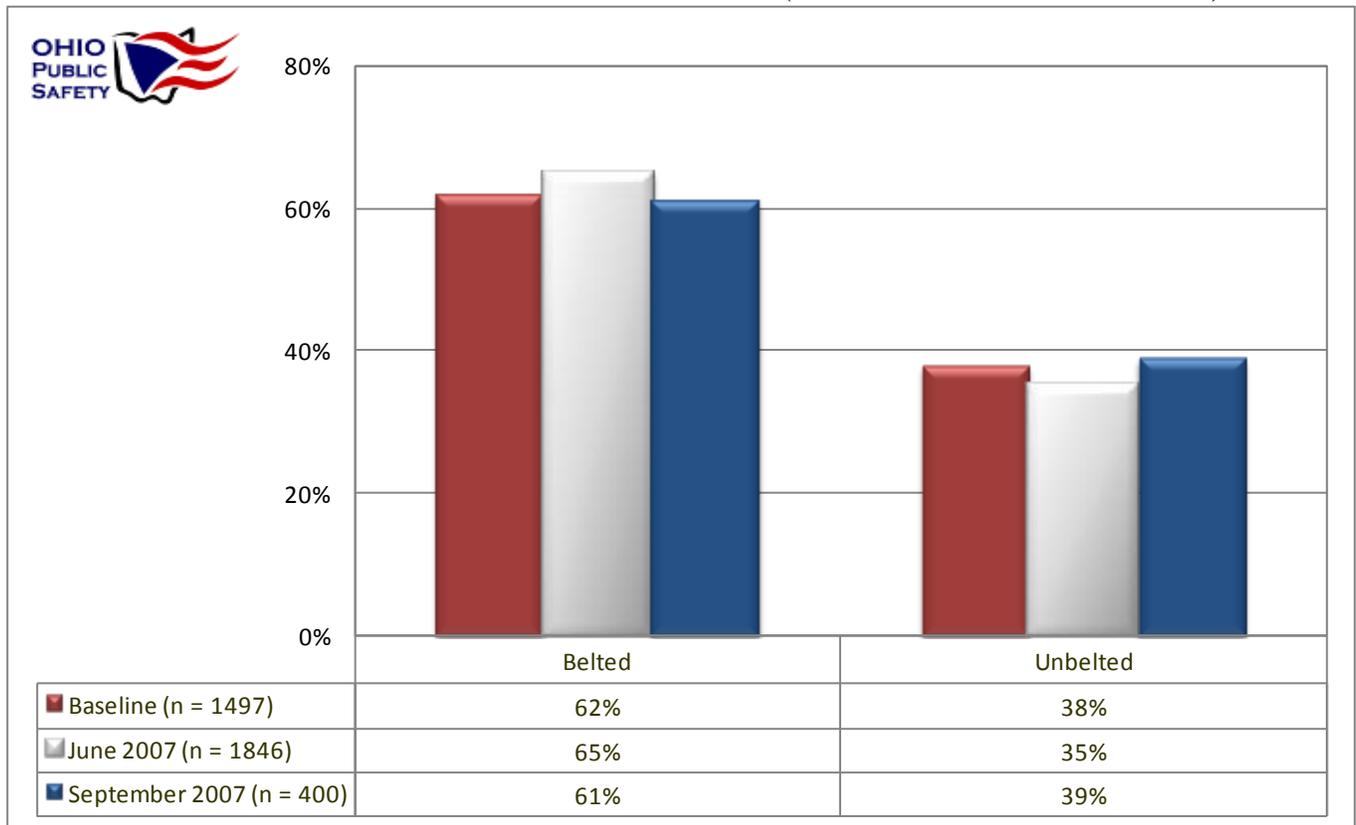
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Stark County</b>		<b>71%</b>	<b>29%</b>	<b>3295</b>	<b>65%</b>	<b>35%</b>	<b>696</b>
Survey <sup>a</sup>	Baseline	70%	30%	1088	65%	35%	237
	June 2007	75%	25%	1271	69%	31%	252
	September 2007	67%	33%	936	61%	39%	207
Vehicle Type	Passenger Car	74%	26%	1766	67%	33%	369
	Van/Minivan	73%	28%	385	74%	27%	113
	SUV	70%	30%	519	67%	33%	105
	Pickup Truck	63%	38%	619	51%	49%	107
Driver - Sex	Male	66%	34%	1824	63%	37%	402
	Female	77%	23%	1441	70%	30%	289
Driver - Age	15 - 25	55%	45%	338	50%	50%	92
	26 - 64	72%	28%	2602	65%	35%	510
	64+	81%	19%	350	82%	19%	92
Driver - Race	Caucasian	72%	28%	2911	67%	33%	565
	African American	66%	34%	344	58%	42%	118
	Other	58%	42%	12	100%		2
Passenger - Sex	Male	61%	39%	255	50%	50%	257
	Female	77%	24%	434	74%	26%	434
Passenger - Age	0 - 4	67%	33%	9	89%	11%	9
	5 - 14	85%	16%	58	81%	19%	58
	15 - 25	58%	42%	146	50%	50%	147
	26 - 64	70%	30%	372	63%	37%	373
	65+	83%	17%	108	83%	17%	108
Passenger - Race	Caucasian	72%	28%	549	66%	34%	551
	African American	68%	33%	114	60%	40%	114

<sup>a</sup> The June 2007 Stark County results are the new Baseline county data for fiscal year 2008.

## SUMMIT COUNTY

Figure 58 shows that seat belt use in Summit County for all occupants (*drivers and passengers*) fluctuated slightly between the Baseline (62%) and the June (65%) and September (61%) Surveys. It should be noted that the number of observations was relatively low during the Septembers Surveys compared to the previous observation periods.

**FIGURE 58 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 66% of drivers and 54% of passengers were belted in Summit County (Table 58). There was an increase in seat belt use between the Baseline and the June Surveys for both drivers and passengers; however, usage rates decreased during the September Survey. It is important for Summit County to focus seat belt use initiatives on all populations which should further help to increase their seat belt usage rate.

**TABLE 58 CROSS-TABULATION OF SUMMIT COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

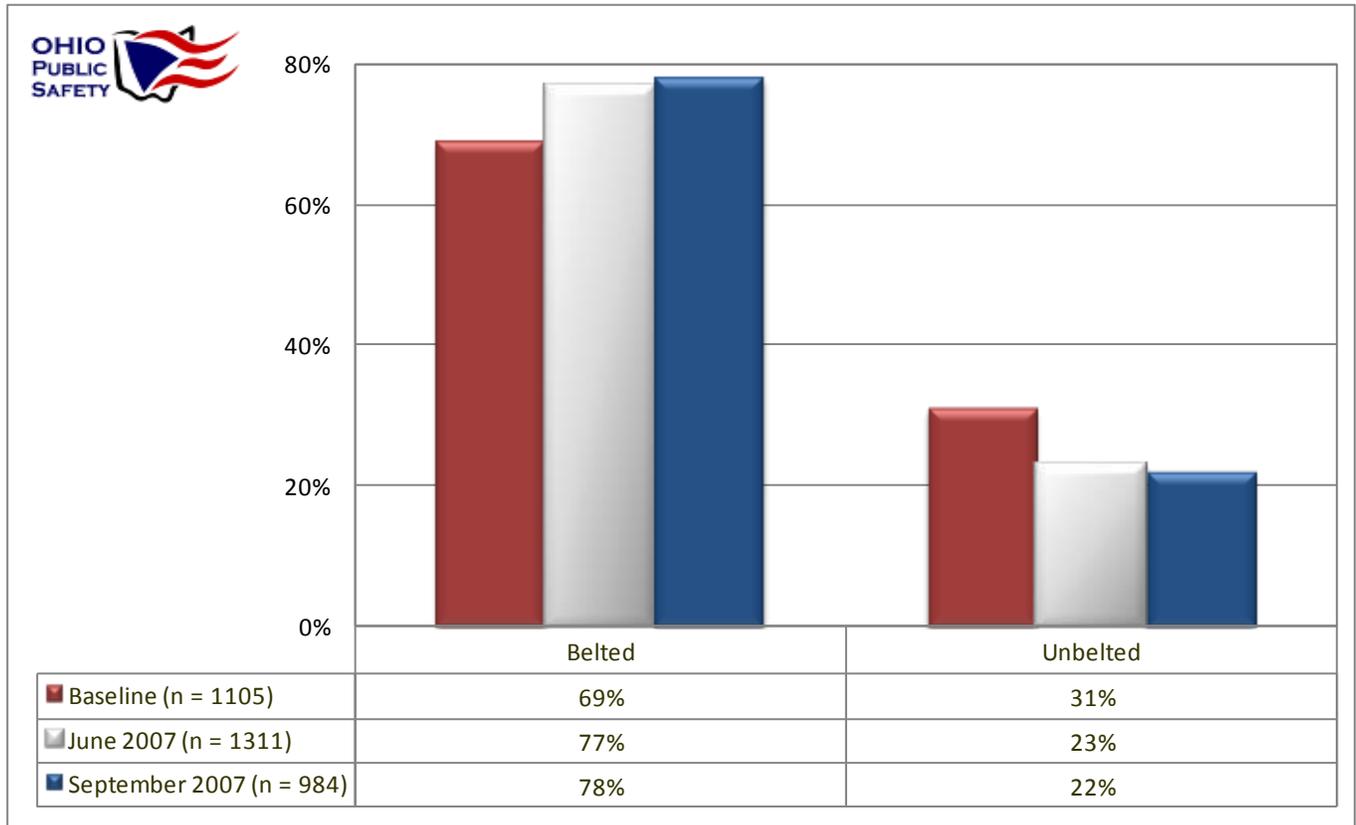
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Summit County</b>		<b>66%</b>	<b>35%</b>	<b>3145</b>	<b>54%</b>	<b>46%</b>	<b>598</b>
Survey <sup>a</sup>	Baseline	65%	35%	1257	50%	50%	240
	June 2007	67%	34%	1562	58%	42%	284
	September 2007	64%	36%	326	49%	51%	74
Vehicle Type	Passenger Car	67%	33%	1813	53%	47%	330
	Van/Minivan	69%	31%	401	61%	39%	94
	SUV	68%	32%	553	64%	37%	104
	Pickup Truck	49%	52%	373	33%	67%	69
Driver - Sex	Male	63%	37%	1953	53%	47%	361
	Female	69%	31%	1168	55%	45%	232
Driver - Age	15 - 25	52%	49%	458	33%	67%	125
	26 - 64	67%	33%	2418	58%	42%	414
	64+	75%	25%	263	68%	32%	57
Driver - Race	Caucasian	69%	31%	2558	58%	42%	486
	African American	48%	52%	518	33%	67%	94
	Other	63%	38%	32	36%	64%	11
Passenger - Sex	Male	59%	41%	263	47%	53%	262
	Female	64%	36%	336	59%	41%	334
Passenger - Age	0 - 4	67%	33%	3	50%	50%	2
	5 - 14	78%	23%	71	68%	32%	71
	15 - 25	50%	51%	206	40%	60%	205
	26 - 64	63%	38%	259	56%	44%	258
	65+	79%	21%	62	74%	26%	62
Passenger - Race	Caucasian	66%	34%	450	59%	41%	449
	African American	45%	55%	107	33%	67%	106
	Other	45%	55%	20	32%	68%	19

<sup>a</sup> The June 2007 Summit County results are the new Baseline county data for fiscal year 2008.

# TRUMBULL COUNTY

Seat belt use in Trumbull County for all occupants (*drivers and passengers*) increased steadily between the Baseline and the June and September Surveys, ending at 78% for the September Survey, which is still well below NHTSA's goal of an 85% usage rate for Ohio (Figure 59).

**FIGURE 59 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The overall seat belt usage rate for Trumbull County was 75% for drivers and 73% for passengers (Table 59). There was an increase in use between the Baseline and the June and September Surveys for both drivers and passengers. Survey results indicate that targeting pickup truck drivers, female passengers, drivers between 15 and 25 years of age as well as their passengers, and African American occupants should help increase the seat belt usage rate in Trumbull County.

**TABLE 59 CROSS-TABULATION OF TRUMBULL COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

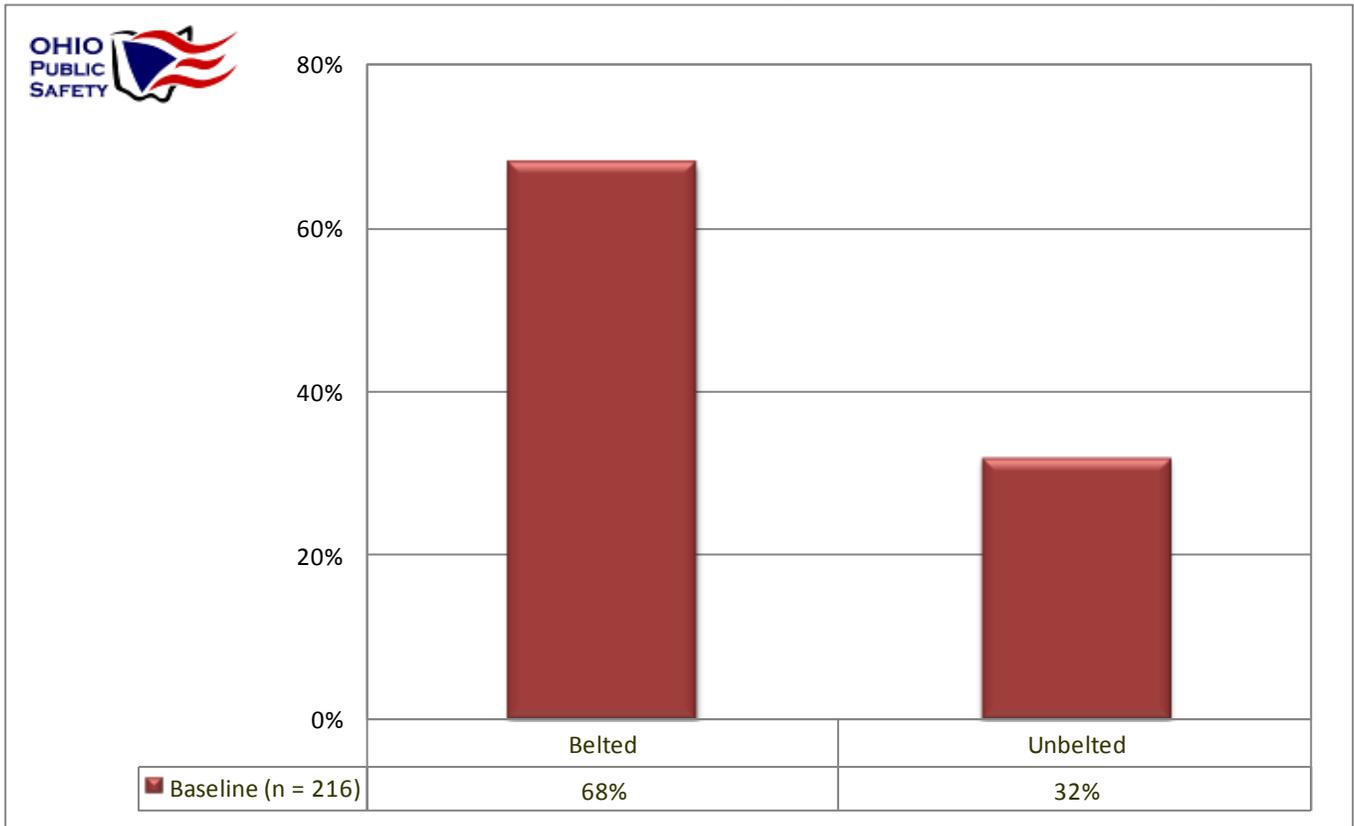
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Trumbull County</b>		<b>75%</b>	<b>25%</b>	<b>2963</b>	<b>73%</b>	<b>28%</b>	<b>437</b>
Survey <sup>a</sup>	Baseline	69%	31%	982	65%	35%	123
	June 2007	77%	23%	1067	74%	26%	244
	September 2007	78%	22%	914	80%	20%	70
Vehicle Type	Passenger Car	75%	25%	1733	71%	29%	262
	Van/Minivan	80%	20%	302	75%	25%	57
	SUV	79%	21%	462	76%	24%	71
	Pickup Truck	67%	33%	461	72%	28%	46
Driver - Sex	Male	73%	27%	1719	76%	24%	289
	Female	78%	23%	1242	65%	35%	147
Driver - Age	15 - 25	62%	38%	237	51%	49%	59
	26 - 64	75%	25%	2395	73%	27%	300
	64+	79%	21%	328	89%	11%	75
Driver - Race	Caucasian	75%	25%	2761	73%	27%	403
	African American	64%	36%	186	59%	41%	29
	Other		100%	1			
Passenger - Sex	Male	73%	27%	168	64%	36%	168
	Female	79%	21%	267	78%	22%	267
Passenger - Age	5 - 14	63%	37%	30	62%	38%	29
	15 - 25	67%	33%	104	60%	40%	104
	26 - 64	77%	23%	221	75%	25%	222
	65+	93%	7%	81	88%	12%	81
Passenger - Race	Caucasian	78%	22%	400	74%	26%	401
	African American	67%	33%	30	62%	38%	29

<sup>a</sup> The September 2007 Trumbull County results are the new Baseline county data for fiscal year 2008.

# TUSCARAWAS COUNTY

Results from the Baseline Survey data show that 68% of all occupants (*drivers and passengers*) were belted in Tuscarawas County (Figure 60). This rate is below the targeted usage rate of 85% for Ohio. The Baseline Survey was the only data submitted for 2007.

**FIGURE 60 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The relatively small number of observations makes it difficult to draw meaningful conclusions; however, overall, 69% of drivers and 62% of passengers were belted in Tuscarawas County (Table 60).

**TABLE 60 CROSS-TABULATION OF TUSCARAWAS COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Tuscarawas County</b>		<b>69%</b>	<b>31%</b>	<b>174</b>	<b>62%</b>	<b>38%</b>	<b>42</b>
Survey <sup>a</sup>	Baseline	69%	31%	174	62%	38%	42
Vehicle Type	Passenger Car	68%	32%	93	43%	57%	21
	Van/Minivan	81%	19%	26	89%	11%	9
	SUV	71%	29%	28	86%	14%	7
	Pickup Truck	59%	41%	27	60%	40%	5
Driver – Sex	Male	66%	35%	87	67%	33%	24
	Female	72%	28%	87	56%	44%	18
Driver – Age	15 - 25	67%	33%	43	33%	67%	9
	26 - 64	68%	32%	111	60%	40%	25
	64+	80%	20%	20	100%		8
Driver – Race	Caucasian	69%	31%	171	62%	38%	42
	Other	100%		1			
Passenger – Sex	Male	38%	63%	16	44%	56%	16
	Female	73%	27%	26	73%	27%	26
Passenger - Age	0 - 4		100%	1		100%	1
	5 - 14	39%	61%	18	39%	61%	18
	15 - 25	71%	29%	7	71%	29%	7
	26 - 64	75%	25%	12	83%	17%	12
	65+	100%		4	100%		4
Passenger - Race	Caucasian	60%	41%	42	62%	38%	42

<sup>a</sup> The Baseline 2007 Tuscarawas County results are the new Baseline county data for fiscal year 2008.

# UNION COUNTY

The seat belt usage rate in Union County for all occupants (*drivers and passengers*) decreased between the Baseline Survey (81%) and the June Survey (73%), but increased during the September Survey to 89%, which exceeds NHTSA’s goal of an 85% usage rate for Ohio (Figure 61).

**FIGURE 61 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

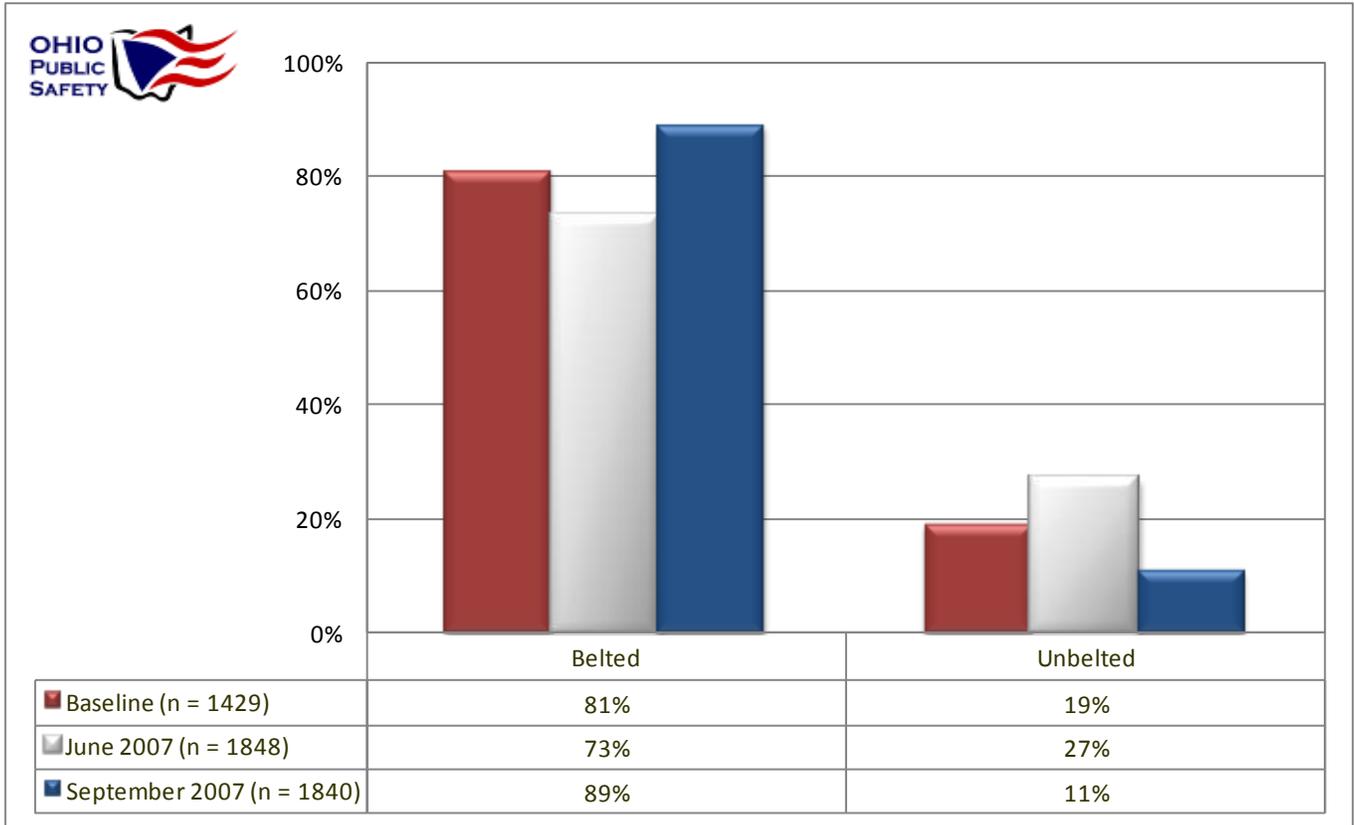


Table 61 shows that overall, 81% of the drivers and 85% of passengers in Union County were belted. There was a decrease in seat belt use between the Baseline and the June Survey for drivers, followed by an increase during the September Survey. There was no data submitted for passengers in June, however, there was an increase in their usage rate between the Baseline and the September Surveys. Extra emphasis placed on pickup truck occupants, males, and drivers ages 15 to 25 in future initiatives should help Union County increase their seat belt usage rate.

**TABLE 61 CROSS-TABULATION OF UNION COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

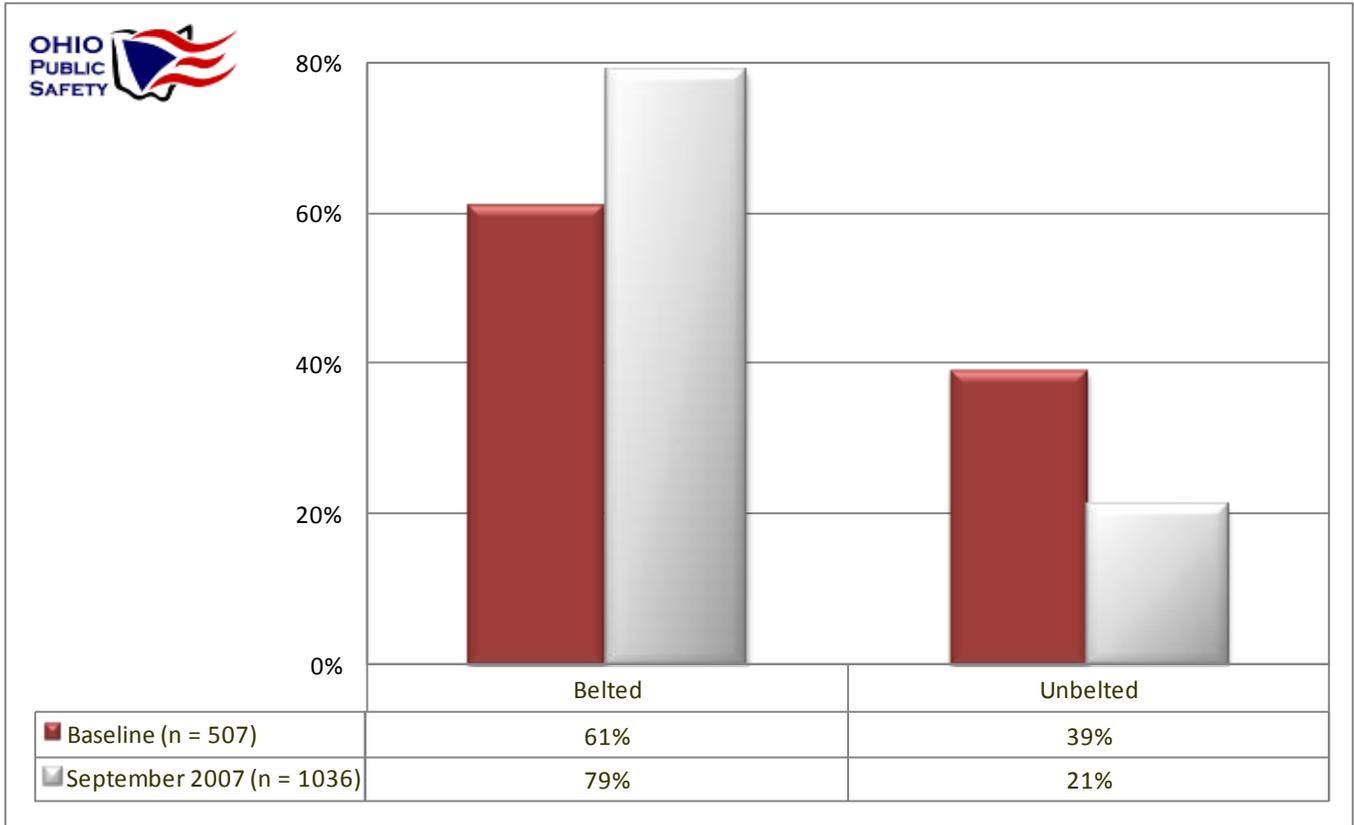
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Union County</b>		<b>81%</b>	<b>19%</b>	<b>4907</b>	<b>85%</b>	<b>15%</b>	<b>210</b>
Survey <sup>a</sup>	Baseline	81%	19%	1322	81%	19%	107
	June 2007	73%	27%	1848			
	September 2007	89%	11%	1737	89%	11%	103
Vehicle Type	Passenger Car	84%	16%	2385	87%	13%	109
	Van/Minivan	89%	11%	664	88%	12%	41
	SUV	86%	14%	790	81%	19%	32
	Pickup Truck	66%	34%	1064	79%	21%	28
Driver - Sex	Male	77%	23%	2826	84%	16%	141
	Female	86%	14%	2037	88%	12%	69
Driver - Age	15 - 25	71%	29%	637	73%	27%	22
	26 - 64	82%	18%	3373	84%	16%	129
	64+	82%	18%	672	94%	6%	53
Driver - Race	Caucasian	81%	19%	4717	85%	15%	206
	African American	81%	19%	32			
	Other	91%	9%	23	100%		1
Passenger - Sex	Male	76%	24%	67	70%	30%	67
	Female	95%	5%	138	92%	8%	138
Passenger - Age	0 - 4	100%		1	100%		1
	5 - 14	78%	22%	9	78%	22%	9
	15 - 25	82%	18%	33	76%	24%	33
	26 - 64	87%	13%	105	84%	16%	105
	65+	100%		51	94%	6%	51
Passenger - Race	Caucasian	89%	11%	202	85%	15%	202
	African American		100%	1		100%	1

<sup>a</sup> The September 2007 Union County results are the new Baseline county data for fiscal year 2008.

# WARREN COUNTY

Figure 62 shows the seat belt usage rate in Warren County for all occupants (*drivers and passengers*) increased 18% between the Baseline Survey (61%) and the September Survey (79%). No data was submitted for the June Survey by Warren County.

**FIGURE 62 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Survey results for Warren County indicate that overall, 72% of drivers and 76% of passengers were belted (Table 62). There was a significant increase in seat belt use between the Baseline and the September Survey for both drivers and passengers. No data were submitted for analysis for the June Survey. Warren County should continue its broad based efforts to increase seat belt use in future initiatives, with special emphasis on pickup truck occupants, and vehicle occupants who are male and between 15 and 64 years of age.

**TABLE 62 CROSS-TABULATION OF WARREN COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

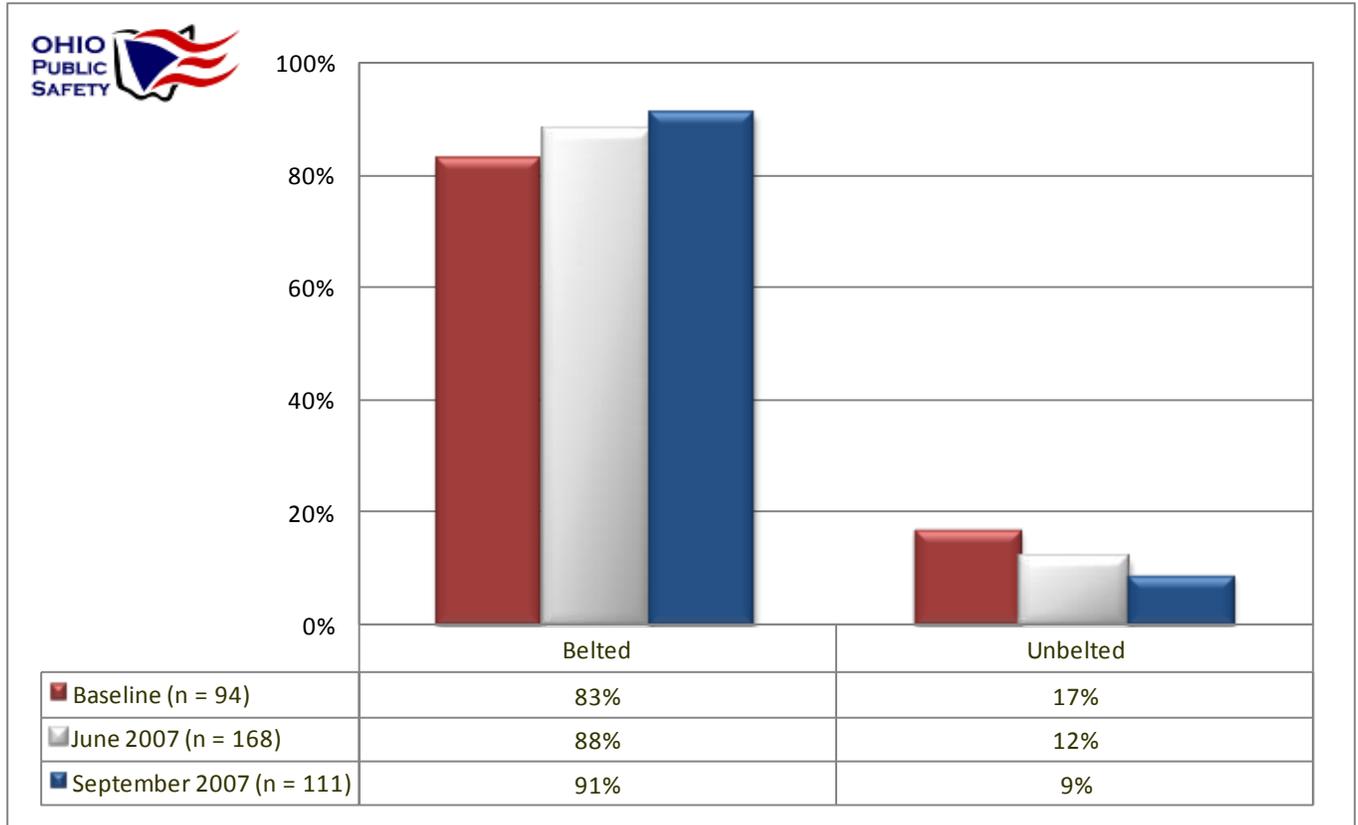
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Warren County</b>		<b>72%</b>	<b>28%</b>	<b>1217</b>	<b>76%</b>	<b>25%</b>	<b>326</b>
Survey <sup>a</sup>	Baseline	66%	35%	400	45%	55%	107
	September 2007	76%	24%	817	90%	10%	219
Vehicle Type	Passenger Car	74%	26%	540	75%	25%	138
	Van/Minivan	80%	20%	225	88%	13%	72
	SUV	72%	28%	245	72%	28%	64
	Pickup Truck	59%	41%	203	64%	37%	52
Driver - Sex	Male	67%	33%	647	75%	25%	172
	Female	78%	22%	546	75%	25%	145
Driver - Age	15 - 25	78%	22%	238	73%	28%	80
	26 - 64	71%	29%	892	78%	23%	231
	64+	77%	24%	81	62%	39%	13
Driver - Race	Caucasian	72%	28%	1018	75%	25%	285
	African American	75%	25%	126	78%	22%	23
	Other	78%	22%	49	64%	36%	11
Passenger - Sex	Male	72%	28%	192	72%	28%	192
	Female	83%	17%	132	80%	20%	132
Passenger - Age	0 - 4	83%	17%	12	100%		12
	5 - 14	82%	19%	92	89%	11%	92
	15 - 25	71%	29%	104	75%	25%	104
	26 - 64	76%	25%	110	64%	36%	110
	65+	100%		5	60%	40%	5
Passenger - Race	Caucasian	77%	23%	295	76%	24%	295
	African American	73%	27%	22	73%	27%	22
	Other	57%	43%	7	71%	29%	7

<sup>a</sup> The September 2007 Warren County results are the new Baseline county data for fiscal year 2008.

## WASHINGTON COUNTY

The seat belt usage rate in Washington County for all occupants (*drivers and passengers*) increased steadily between the Baseline and the June and September Surveys (Figure 63). It should be noted, however, that these results are based on a relatively low number of observations.

**FIGURE 63 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



The low number of observations makes it difficult to draw any strong conclusions; however, the overall rate for Washington County was 89% for drivers and 86% for passengers (Table 63). Washington County should continue to encompass all populations in future seat belt use initiatives.

**TABLE 63 CROSS-TABULATION OF WASHINGTON COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

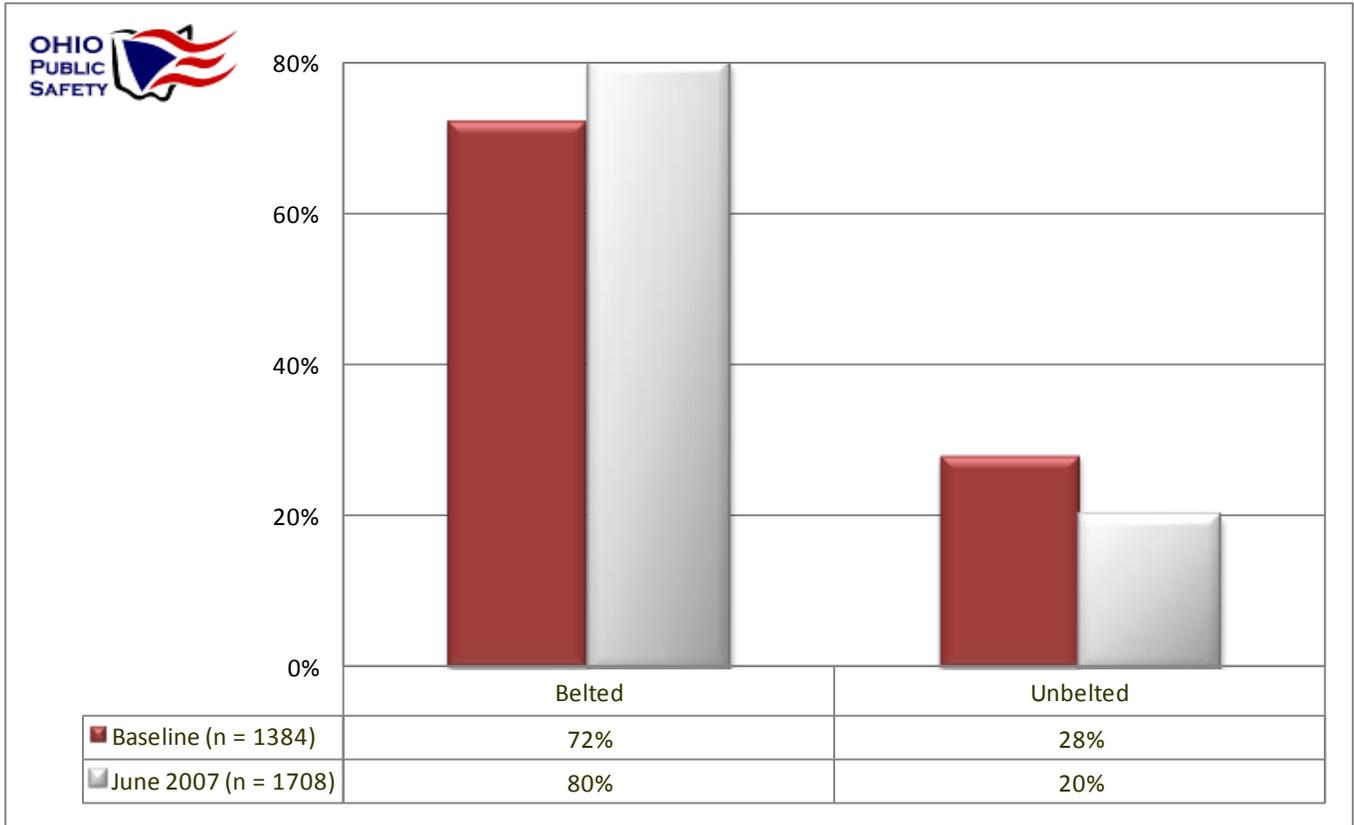
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Washington County</b>		<b>89%</b>	<b>11%</b>	<b>233</b>	<b>86%</b>	<b>14%</b>	<b>140</b>
Survey <sup>a</sup>	Baseline	84%	16%	64	80%	20%	30
	June 2007	91%	9%	99	84%	16%	69
	September 2007	90%	10%	70	93%	7%	41
Vehicle Type	Passenger Car	94%	6%	113	94%	6%	68
	Van/Minivan	85%	15%	26	92%	8%	13
	SUV	88%	12%	43	90%	10%	29
	Pickup Truck	80%	20%	51	60%	40%	30
Driver – Sex	Male	82%	18%	116	84%	16%	61
	Female	97%	4%	114	87%	13%	77
Driver – Age	15 - 25	73%	27%	62	79%	21%	34
	26 - 64	93%	7%	124	86%	14%	84
	64+	100%		45	95%	5%	20
Driver – Race	Caucasian	87%	13%	135	82%	18%	85
	African American	100%		22	100%		14
	Other	76%	24%	25	67%	33%	6
Passenger - Sex	Male	96%	4%	52	65%	35%	52
	Female	97%	3%	88	98%	2%	87
Passenger - Age	0 - 4	100%		22	100%		22
	5 - 14	100%		27	100%		26
	15 - 25	91%	10%	42	74%	26%	42
	26 - 64	97%	3%	32	72%	28%	32
	65+	100%		18	100%		18
Passenger - Race	Caucasian	96%	4%	119	85%	15%	118
	African American	100%		13	100%		13
	Other	100%		7	71%	29%	7

<sup>a</sup> The September 2007 Washington County results are the new Baseline county data for fiscal year 2008.

# WAYNE COUNTY

Survey results in Wayne County for all occupants (*drivers and passengers*) show an 8% increase from the Baseline Survey (72%) to the June Survey (80%) (Figure 64). No data was submitted for the September Survey.

**FIGURE 64 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 76% of drivers and 78% of passengers in Wayne County were belted (Table 64). There was an increase in seat belt use between the Baseline and June Survey for both drivers and passengers; however no data was submitted for the September Survey. While all efforts to increase seat belt use are helpful, Wayne County should plan on placing extra focus on pickup truck occupants, and occupants ages 15 to 64 which should help increase their usage rate.

**TABLE 64 CROSS-TABULATION OF WAYNE COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

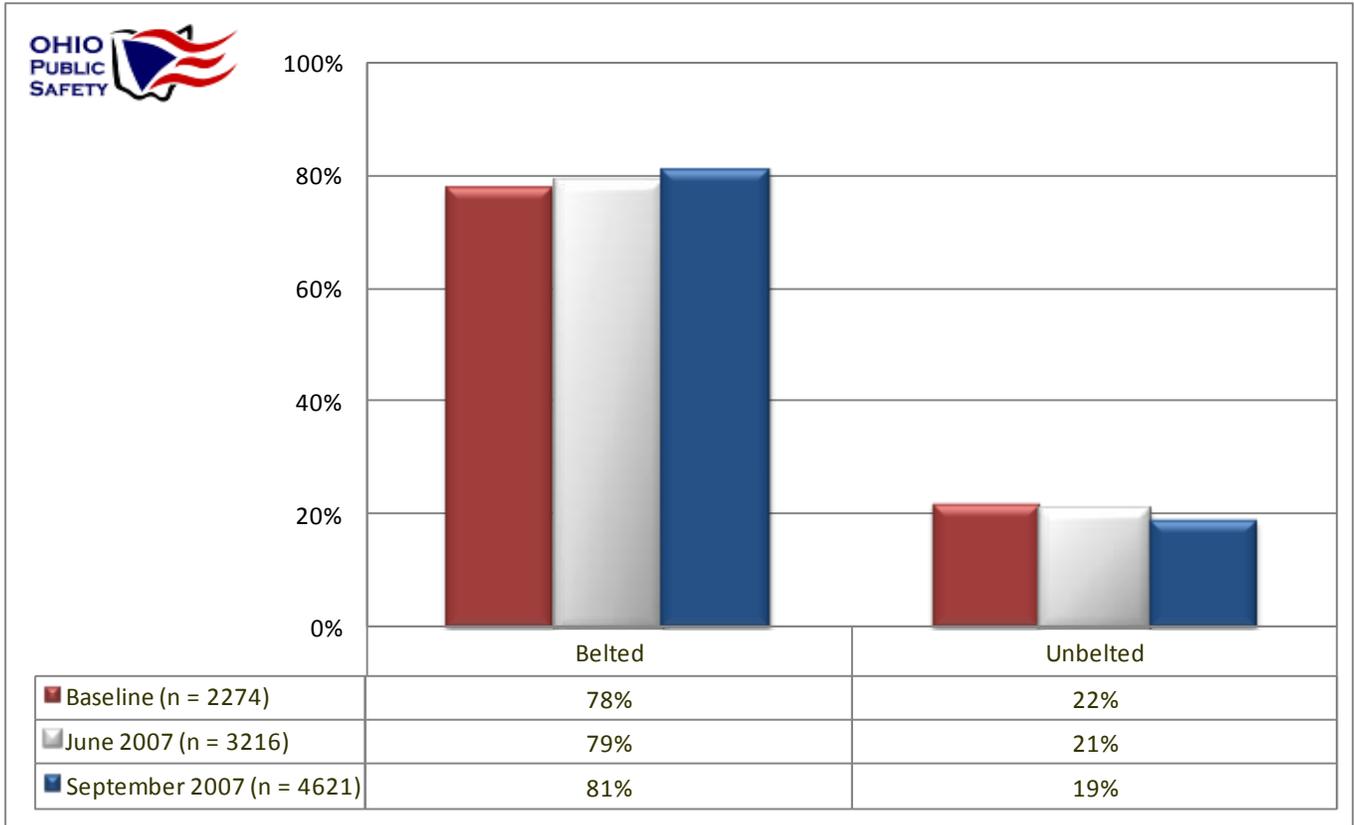
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Wayne County</b>		<b>76%</b>	<b>24%</b>	<b>2409</b>	<b>78%</b>	<b>23%</b>	<b>683</b>
Survey <sup>a</sup>	Baseline	71%	29%	1077	75%	25%	307
	June 2007	81%	20%	1332	80%	20%	376
Vehicle Type	Passenger Car	78%	22%	1152	77%	23%	336
	Van/Minivan	81%	19%	331	81%	19%	110
	SUV	76%	24%	451	83%	17%	134
	Pickup Truck	69%	31%	474	67%	33%	103
Driver - Sex	Male	73%	27%	1305	76%	24%	401
	Female	80%	20%	1095	79%	21%	277
Driver - Age	15 - 25	69%	31%	346	74%	26%	88
	26 - 64	77%	23%	1742	77%	23%	493
	64+	81%	19%	316	84%	16%	100
Driver - Race	Caucasian	77%	23%	2321	77%	23%	658
	African American	57%	44%	46	75%	25%	12
	Other	77%	24%	17	100%		5
Passenger - Sex	Male	79%	21%	254	69%	31%	254
	Female	80%	20%	428	83%	18%	429
Passenger - Age	5 - 14	83%	17%	75	83%	17%	75
	15 - 25	76%	24%	165	76%	24%	165
	26 - 64	78%	22%	331	74%	26%	331
	65+	88%	12%	110	87%	13%	111
Passenger - Race	Caucasian	81%	20%	665	78%	22%	666
	African American	50%	50%	10	70%	30%	10
	Other	100%		5	100%		5

<sup>a</sup> The June 2007 Wayne County results are the new Baseline county data for fiscal year 2008.

# WILLIAMS COUNTY

The seat belt usage rate in Williams County increased slightly for all occupants (*drivers and passengers*) between the Baseline (78%) and the June (79%) and September (81%) Surveys (Figure 65). This increase comes close to achieving the seat belt usage goal of 85% for Ohio.

**FIGURE 65 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 79% of drivers and 84% of passengers were belted in Williams County (Table 65). There was a slight, but steady increase in seat belt use between the 2007 Baseline and the June and September Surveys for both drivers and passengers. Further initiatives to increase seat belt use in Williams County should encompass all populations, with special emphasis on pickup truck occupants, and occupants who are male and between 15 and 64 years of age.

**TABLE 65 CROSS-TABULATION OF WILLIAMS COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Williams County</b>		<b>79%</b>	<b>21%</b>	<b>8648</b>	<b>84%</b>	<b>16%</b>	<b>1463</b>
Survey <sup>a</sup>	Baseline	78%	22%	1937	80%	20%	337
	June 2007	78%	22%	2693	85%	16%	523
	September 2007	81%	19%	4018	85%	15%	603
Vehicle Type	Passenger Car	81%	19%	3950	84%	16%	673
	Van/Minivan	84%	16%	1207	90%	10%	268
	SUV	83%	17%	1400	85%	15%	224
	Pickup Truck	71%	29%	2090	76%	24%	297
Driver - Sex	Male	75%	25%	4924	82%	18%	923
	Female	85%	15%	3718	86%	14%	539
Driver - Age	15 - 25	73%	27%	1042	78%	22%	139
	26 - 64	80%	20%	6397	83%	17%	1018
	64+	83%	17%	1202	88%	13%	304
Driver - Race	Caucasian	80%	21%	8481	84%	16%	1426
	African American	73%	27%	44	100%		9
	Other	78%	23%	80	93%	7%	15
Passenger - Sex	Male	80%	20%	523	78%	22%	523
	Female	89%	12%	937	87%	13%	936
Passenger - Age	0 - 4	96%	4%	24	96%	4%	24
	5 - 14	88%	12%	170	92%	8%	170
	15 - 25	82%	18%	209	77%	23%	209
	26 - 64	83%	17%	742	81%	19%	742
	65+	91%	9%	313	89%	11%	313
Passenger - Race	Caucasian	85%	15%	1426	83%	17%	1425
	African American	100%		10	100%		10
	Other	94%	6%	16	94%	6%	16

<sup>a</sup> The September 2007 Williams County results are the new Baseline county data for fiscal year 2008.

# WOOD COUNTY

Figure 66 shows that seat belt use in Wood County for all occupants (*drivers and passengers*) increased 16% from the Baseline Survey (62%) to the June Survey (78%). No data was submitted for analysis for the September Survey.

**FIGURE 66 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**

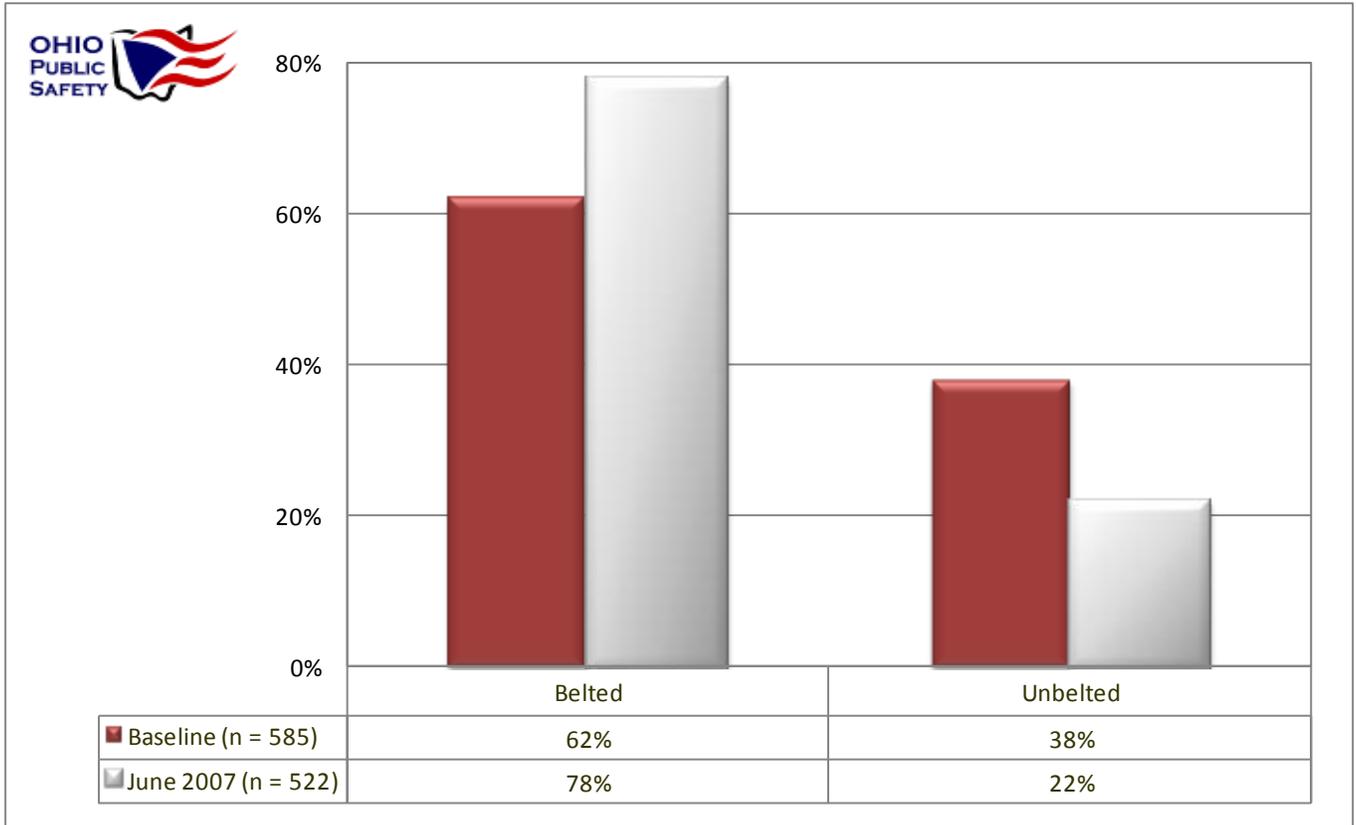


Table 66 shows that overall, 70% of drivers and only 69% of passengers in Wood County were belted. There was an increase in seat belt use from the Baseline Survey to the June Surveys for both drivers and passengers. Results for passengers should be interpreted with caution due to fairly low number of observations. Further initiatives to increase seat belt use in Wood County should encompass all populations, with special emphasis on pickup truck occupants, and occupants who are male and between 15 and 64 years of age..

**TABLE 66 CROSS-TABULATION OF WOOD COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS' DEMOGRAPHIC CHARACTERISTICS**

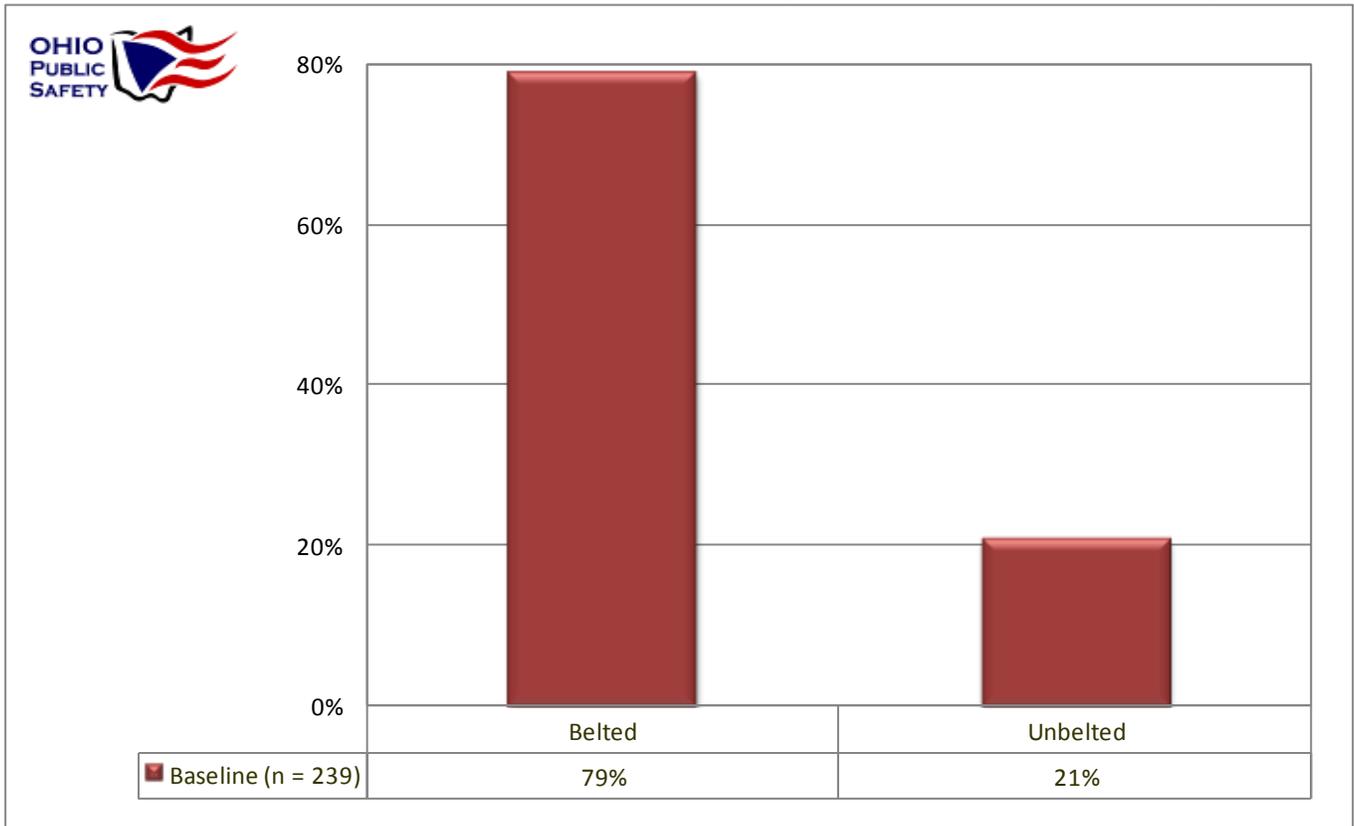
		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Wood County</b>		<b>70%</b>	<b>31%</b>	<b>926</b>	<b>69%</b>	<b>31%</b>	<b>181</b>
Survey <sup>a</sup>	Baseline	62%	38%	480	64%	36%	105
	June 2007	78%	22%	446	76%	24%	76
Vehicle Type	Passenger Car	71%	29%	469	68%	32%	101
	Van/Minivan	73%	27%	116	76%	24%	21
	SUV	76%	24%	157	70%	30%	30
	Pickup Truck	57%	43%	180	66%	35%	29
Driver - Sex	Male	67%	33%	546	71%	29%	107
	Female	72%	28%	368	70%	30%	69
Driver - Age	15 - 25	61%	39%	158	43%	57%	28
	26 - 64	71%	29%	716	73%	28%	138
	64+	77%	23%	52	87%	13%	15
Driver - Race	Caucasian	69%	31%	835	72%	29%	158
	African American	64%	36%	42		100%	7
	Other	84%	16%	25	100%		4
Passenger - Sex	Male	71%	29%	75	61%	39%	75
	Female	75%	26%	106	75%	26%	106
Passenger - Age	0 - 4	100%		3	67%	33%	3
	5 - 14	73%	27%	22	86%	14%	22
	15 - 25	63%	37%	67	60%	40%	67
	26 - 64	78%	22%	73	70%	30%	73
	65+	88%	13%	16	81%	19%	16
Passenger - Race	Caucasian	72%	28%	169	69%	31%	169
	African American	67%	33%	3	33%	67%	3
	Other	100%		5	80%	20%	5

<sup>a</sup> The June 2007 Wood County results are the new Baseline county data for fiscal year 2008.

# WYANDOT COUNTY

The 2007 Baseline Survey data shows that 79% of all observed occupants (*drivers and passengers*) in the county were belted (Figure 67). The Baseline Survey was the only data submitted by Wyandot County for 2007.

**FIGURE 67 SEAT BELT USAGE RATE FOR ALL OCCUPANTS (INCLUDES DRIVERS AND PASSENGERS)**



Overall, 78% of the county’s drivers and 83% of passengers were belted (Table 67). The relatively low number of observations and having only one round of surveys makes it difficult to come to any meaningful conclusions in Wyandot County.

**TABLE 67 CROSS-TABULATION OF WYANDOT COUNTY SEAT BELT USE RATES BY SURVEY, DRIVER, AND FRONT SEAT PASSENGER, VEHICLE TYPE, AND OCCUPANTS’ DEMOGRAPHIC CHARACTERISTICS**

		Driver			Passenger		
		Belted	Unbelted	Total	Belted	Unbelted	Total
<b>Overall Results for Wyandot County</b>		<b>78%</b>	<b>22%</b>	<b>199</b>	<b>83%</b>	<b>18%</b>	<b>40</b>
Survey <sup>a</sup>	Baseline	78%	22%	199	83%	18%	40
Vehicle Type	Passenger Car	88%	13%	104	86%	14%	22
	Van/Minivan	86%	14%	21	80%	20%	5
	SUV	78%	22%	18	100%		3
	Pickup Truck	59%	41%	56	70%	30%	10
Driver - Sex	Male	72%	28%	120	81%	19%	32
	Female	90%	11%	76	88%	13%	8
Driver - Age	15 - 25	71%	29%	7	75%	25%	4
	26 - 64	80%	21%	161	79%	21%	24
	64+	74%	26%	31	92%	8%	12
Driver - Race	Caucasian	78%	22%	198	85%	15%	39
	Other	100%		1		100%	1
Passenger - Sex	Male	81%	19%	16	69%	31%	16
	Female	83%	17%	24	92%	8%	24
Passenger - Age	5 - 14	100%		2	100%		2
	15 - 25	86%	14%	7	71%	29%	7
	26 - 64	75%	25%	20	75%	25%	20
	65+	91%	9%	11	100%		11
Passenger - Race	Caucasian	82%	18%	39	85%	15%	39
	Other	100%		1		100%	1

<sup>a</sup> The Baseline 2007 Wyandot County results are the new Baseline county data for fiscal year 2008.

## RECOMMENDATIONS

The following recommendations are similar to those found in the *Observational Surveys of Seat Belt Use in Ohio*. There are several subsets of the Ohio population that are particularly high risk, and there should be a special emphasis on increasing seat belt use in those subpopulations (but not to the exclusion of other subpopulations).

- Due to the absence of a primary seat belt law in Ohio, to increase overall seat belt use, greater compliance must occur among populations with relatively low rates of seat belt use. Hence, ongoing media and enforcement initiatives which promote greater seat belt use must be strengthened and directed disproportionately at the following populations:
  - Southeast region drivers and passengers. According to the statewide *Observational Surveys of Seat Belt Use in Ohio*, the Southeast has historically had low use rates. Compliance was highest during 2006 and has fallen somewhat since then.
  - Pickup truck drivers and passengers. Although compliance among this group continues to improve, it is still low relative to other vehicle types.
  - Male drivers and passengers. Compliance for males is typically lower than for females. To target males, media messages that appeal to their sense of personal and family responsibility, and those that counter disinformation about seat belt safety, may be appropriate.
  - Drivers and passengers ages 15-25, the most at-risk age group for injuries and fatalities caused by highway crashes, particularly among novice drivers

- Besides focusing on the Southeast region, focus enforcement efforts on counties with considerably low seat belt usage rates, including:

Ashland	Clark	Franklin	Mercer	Pickaway	Summit
Butler	Columbiana	Gallia	Muskingum	Shelby	Tuscarawas
Carroll	Cuyahoga	Marion	Ottawa	Stark	Wood

- Focus media campaigns on counties with relatively low usage rates and relatively dense populations, such as:

Canton-Massillon MSA (Stark County)	Columbus (Franklin County)	Wooster (Wayne County)
Cincinnati (Hamilton County)	Dayton (Montgomery County)	
Cleveland (Cuyahoga County)	Toledo (Lucas County)	

- Raise awareness of proper restraint use of young passengers who have outgrown child restraint systems (car seats). The Ohio House of Representatives passed a bill requiring children between the ages of 4 and 8 years of age to be secured in a booster seat; additionally, anyone 18 years of age or under must be properly restrained by an appropriate device. Children’s seat belt use rates often mirrored that of the persons driving them, indicating that any initiative for positive change should focus both on youth and those driving them. Drivers should be made aware of the laws and how to properly restrain children in booster seats and child safety seats, be encouraged to restrain their young passengers, and set to set a good example by using their own seat belt.
- Research local public safety initiatives in counties with relatively high usage rates among youth and other at-risk subpopulations that may be replicable across Ohio.