

**REGIONAL OVERVIEW:**

Between 2015 and 2019 there were a total of 23,232 crashes reported within the 8-county Buckeye Hills transportation planning region in southeastern Ohio, averaging 4,600 per year. In the past 5-years around 5,800 people were injured as result of these crashes which includes 194 fatalities and 1,183 serious injuries. Overall there has been a decrease in total crashes, with 8.3% fewer crashes in 2019 compared to 2015. Fatal crashes have increased since 2015 by 15.2% with an uptick in the more recent years after reaching the low point in 2017. Injury crashes overall have decreased by 10.9% in the last 5-years.

**CRASH TRENDS BY YEAR, 2015 TO 2019:**

YEAR	CRASH STATISTICS				OCCUPANT STATISTICS			SAFETY METRICS	
	Fatal Crashes	Injury Crashes	Property Damage Crashes	Total Crashes	Fatalities	Serious Injuries	Minor Injuries	Injury Rate	Severity Index
2015	33	1,332	3,359	4,724	36	205	942	28.9%	1.64
2016	34	1,324	3,332	4,690	38	251	906	29.0%	1.64
2017	30	1,315	3,371	4,716	33	274	892	28.5%	1.63
2018	40	1,239	3,490	4,769	43	246	796	26.8%	1.61
2019	38	1,187	3,108	4,333	44	207	933	28.3%	1.64
<b>5-Year Total</b>	175	6,397	16,660	23,232	194	1,183	4,469		
<b>Annual Average</b>	35	1,279	3,332	4,646	39	237	894	28.30%	1.63
<b>% Change '15-'19</b>	15.20%	-10.90%	-7.50%	-8.30%	22.20%	1.00%	-1.00%	-2.20%	0.20%

Notes:

- Cells with red text indicate the year with the highest value for each respective column
- The Severity Index is calculated by the following formula:  $((12 \times \#FatalCrashes) + (3 \times \#InjuryCrashes) + \#NoInjuryCrashes) / \#TotalCrashes$

**Crash Type Frequency & Severity, 2015 TO 2019**

% of Crashes	CRASH TYPE	PDO	Injury Crash	Fatal Crash	Fatal and Injury %
35.10%	Fixed Object	5,342	2,736	75	34.48%
14.10%	Rear End	2,295	969	7	29.84%
13.10%	Animal	2,835	209	4	6.99%
9.00%	Angle	1,380	703	10	34.07%
6.50%	Sideswipe - Passing	1,242	268	3	17.91%
5.20%	Left Turn	793	408	3	34.14%
3.20%	Parked Vehicle	640	97	2	13.40%
3.10%	Backing	691	31	1	4.38%
3.00%	Overtaking	297	385	9	57.02%
2.60%	Head On	288	289	37	53.09%
1.60%	Other Non-Collision	329	53	1	14.10%
1.60%	Right Turn	304	76	1	20.21%
0.70%	Other Object	152	12	0	7.32%
0.50%	Pedestrian	7	98	12	94.02%
0.20%	Pedalcycles	6	44	1	88.24%
0.20%	Unknown	40	3	0	6.98%
0.10%	Sideswipe - Meeting	18	9	7	47.06%
0.00%	Train	1	0	1	50.00%
0.00%	Falling From Or In Vehicle	0	0	1	100.00%

\*PDO stands for Property Damage-Only Crash

**KEY FACTS:**

- There was an 8.3% decrease in crashes between 2015 and 2019.
- On average, there were 35 fatal crashes per year between 2015 and 2019. That's roughly 3 fatal crashes every month.
- Between 2015 and 2019, there were 8,153 Fixed Object crashes (35% of total crashes), making this the most common crash type overall and accounts for the largest number of fatalities.
- Of the 117 pedestrian crashes reported in the last 5-years, 94% resulted in an injury and 12 were fatal.
- Between 2015 and 2019, head-on collisions accounted for the second highest number of fatalities in the Region, with just over half of all head-on crashes resulting in fatality.

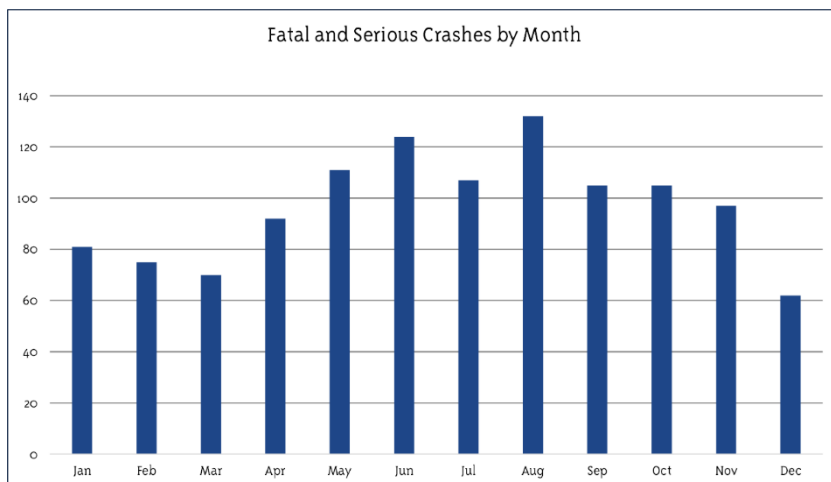
**CONTRIBUTING FACTORS:**

Contributing Factors	Number	% of Crashes
None	3,957	17.0%
Unsafe Speed	3,877	16.7%
Following Too Close / ACDA*	3,360	14.5%
Improper Lane Change	2,860	12.3%
Other Improper Action	2,671	11.5%
Failure to Yield	2,555	11.0%
Left of Center	957	4.1%
Drove off Road	706	3.0%
Improper Backing	589	2.5%
Operating Defective Equipment	379	1.6%
Swerving to Avoid	302	1.3%
Improper Turn	243	1.0%
Ran Red Light	220	0.9%
Ran Stop Sign	146	0.6%
Load Shifting/Falling/Spilling	126	0.5%
All Others	284	1.2%

	Time and Day							Total
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
5 am	110	100	96	98	101	92	59	656
6 am	129	131	164	142	170	92	75	903
7 am	205	217	203	212	209	100	87	1,233
8 am	159	157	185	180	151	110	77	1,019
9 am	133	133	133	150	151	100	97	897
10 am	138	127	140	139	135	141	113	933
11 am	171	147	175	170	169	175	130	1,137
Noon	182	167	145	179	200	169	163	1,205
1 pm	156	160	173	171	219	168	159	1,206
2 pm	228	202	209	210	281	169	137	1,436
3 pm	248	261	230	239	311	209	157	1,655
4 pm	253	206	274	254	289	206	171	1,653
5 pm	263	269	251	253	288	198	170	1,692
6 pm	168	160	197	204	247	184	172	1,332
7 pm	132	140	146	136	199	161	172	1,086
8 pm	113	164	158	132	159	170	145	1,041
9 pm	107	107	111	131	150	132	120	858
10 pm	96	81	104	92	141	121	85	720
11 pm	66	63	72	81	103	115	66	566
Midnight	48	42	43	63	62	113	97	468
1 am	40	46	33	43	47	98	94	401
2 am	40	33	25	45	46	94	100	383
3 am	23	28	31	44	53	93	84	356
4 am	58	48	44	55	55	69	67	396
Total	3,266	3,189	3,342	3,423	3,936	3,279	2,797	23,232

\*ACDA stands for Assured Clear Distance Ahead

**FATAL & SERIOUS INJURY CRASHES:**



**OTHER KEY FACTS:**


- In the region, the day and time with the highest frequency of crashes is on Fridays between 2pm and 6pm.
- While 17% of crashes have no contributing factor associated with it, the next highest two contributing factors of Unsafe Speed and Following Too Close make up for 31% of all crashes.
- Over 77% of fatalities and serious injuries occurred on roadways where the posted speed was greater than 50 MPH.
- While alcohol and drugs were only suspected in just 8% of total crashes, they were suspected in roughly 30% of fatal and serious injury crashes.
- The crash classification of 'Distracted' accounts for 9% of total crashes. Based on anecdotal evidence, that statistic is likely underreported.

**Top 40 Crash Intersections in the Buckeye Hills Region, 2015-2020**

Rank	Crashes	Highest Severity	Roadways Involved	County	Jurisdiction
1	90	Minor Injury Suspected	SR 682/Richland Ave (roundabout)	Athens	Athens City
2	77	Serious Injury Suspected	US 33/E State St (interchange)	Athens	Athens City
3	59	Minor Injury Suspected	SR 664/US 33 (roundabout interchange)	Hocking	Logan City
4	37	Minor Injury Suspected	SR 664/Chieftain Dr/Hunter St	Hocking	Logan City
5	32	Serious Injury Suspected	SR 682/W Union St	Athens	Athens City
6	30	Minor Injury Suspected	US 33/Mulberry St S	Hocking	Logan City
7	30	Injury Possible	E State St/Charles St/Community Center Dr	Athens	Athens City
8	29	Serious Injury Suspected	Front St/Mulberry St S	Hocking	Logan City
9	29	Minor Injury Suspected	SR 664 S/Primmer Rd/Private Dr	Hocking	Logan City
10	28	Serious Injury Suspected	Front St/West St/Hunter St W/Miller Pl/Lincoln Ave/Short St	Hocking	Logan City
11	26	Serious Injury Suspected	Plains Rd(from E Third St to Connett Rd)	Athens	Athens Twp
12	22	Serious Injury Suspected	E State St/E Carpenter St/W Stimson Ave/Kern St	Athens	Athens City
13	21	Minor Injury Suspected	Culver St N/Hunter St E/Zainesville Ave/East St	Hocking	Logan City
14	20	Serious Injury Suspected	US 50/Brimstone Rd/Cemetery St	Athens	Coolville Village
15	20	Minor Injury Suspected	US 33/Clear Creek Rd	Hocking	Good Hope Twp
16	19	Fatal	US 33/Albany Rd/Richland Ave/Pomeroy Rd	Athens	Athens City
17	19	Serious Injury Suspected	E State St/Eden Pl	Athens	Athens City
18	19	Minor Injury Suspected	Radford Rd/US 50	Athens	Alexander Twp
19	19	Minor Injury Suspected	State St/N Court St	Athens	Athens City
20	19	Minor Injury Suspected	Carroll St/Mill Ln/Broadway St	Perry	New Lexington Village
21	18	Minor Injury Suspected	Richland Ave/S Shafer St/S Green Dr	Athens	Athens City
22	17	Serious Injury Suspected	E State St/Euclid Dr	Athens	Athens City
23	17	Minor Injury Suspected	W State St/N Congress St/Rose Ave	Athens	Athens City
24	17	Minor Injury Suspected	Brown St/Main St	Perry	New Lexington Village
25	16	Serious Injury Suspected	Second St E/Mulberry St S	Hocking	Logan City
26	16	Injury Possible	E State St/Avon Pl	Athens	Athens City
27	15	Fatal	S Shafer St/W Union St	Athens	Athens City
28	14	Minor Injury Suspected	Court St/Main St	Monroe	Woodsfield Village
29	14	Injury Possible	Main St E/Mulberry St	Hocking	Logan City
30	14	Injury Possible	E Main St/7th St	Morgan	McConnelsville Village
31	14	Injury Possible	N Main St/7th St	Morgan	Malta Village
32	14	PDO/No Injury	Main St W/Spring St	Hocking	Logan City
33	13	Serious Injury Suspected	SR 664 S/Lake Logan Rd	Hocking	Logan City
34	12	Serious Injury Suspected	Blackbrun Rd/US 50/Kimes Ln	Athens	Athens City
35	12	Minor Injury Suspected	W Washington St/Congress St	Athens	Athens City
36	12	Minor Injury Suspected	Carpenter St/Armory St/N Court St	Athens	Athens City
37	12	Injury Possible	E State St/Harris Dr/Home St	Athens	Athens City
38	11	Serious Injury Suspected	Stewart St/Playground Dr/Coss St/Mill St/Palmer St/Hocking St	Athens	Athens City
39	11	Serious Injury Suspected	Tunnel Hill Rd NE/Hunter Dr/Lovers Ln	Perry	Pike Twp
40	11	Serious Injury Suspected	SR 13 NW/Blackbird LN NW/Zion Rd NW/Honey Creek RD NW	Perry	Thorn Twp

\*The Top Crash Intersection data does not include the WWW jurisdiction that includes the City of Marietta (Washington Co.)

Source: ODOT GIS Crash Analysis Tool (GCAT) & Crash Analysis Module (CAM) Tool

 Denotes a non-municipal intersection



