

I-45 Crash Analysis

CRASH RATE (2018-2022)							SEVERITY						Ped and Bike		Manner of Collision				
Segment Description (I-45 Main Lanes)	Number of Crashes ⁽¹⁾	AADT ⁽²⁾	Undivided vs. Divided Segment	Segment Length in miles	Calculated Crash Rate per 100 million vehicle-miles of travel	Statewide Average Crash Rate	K	A	B	C	O	U	Pedestrian	Bike	Same Direction	Opposite Direction	Angle	One Motor Vehicle	Other/Unknown
						By Highway System (Interstate)													
From Valleywood Rd to Rayford/Sawdust Rd	1009	213,871	Divided	0.70	369.30	150.86	1	16	75	132	774	11	3	0	774	25	149	61	0
From Rayford/Sawdust Rd to Hardy Toll Rd	1372	231,484	Divided	1.50	216.51	150.86	5	15	116	208	1014	14	2	0	1092	20	98	160	2
Total for Project Corridor	2381	231,484	Divided	2.20	256.18	150.86	6	31	191	340	1788	25	5	0	1866	45	247	221	2

Notes:

(1) - Crash data obtained from CRIS for 2018 to 2022

(2) - AADT obtained from TxDOT STARS II

Crash rate greater than statewide average is highlighted

TEXAS	2013 to Present			TX Instructions to Police For Reporting Crashes 2013, TX Instructions to Police For Reporting Crashes 2015	codes & definitions found on Manual pg51 (2013), pg65 (2015)
	K - Killed	K	Killed: Died due to injuries sustained from the crash, within 30 days of the crash.	14. Crash Severity	
	A - Incapacitating Injury	A	Incapacitating Injury: Severe injury which prevents continuation of normal activities; includes broken or distorted limbs, internal injuries, crushed chest, etc.	14. Crash Severity	
	B - Non-Incapacitating Injury	B	Non-Incapacitating Injury: Evident injury such as bruises, abrasions, or minor lacerations which do not incapacitate.	14. Crash Severity	
	C - Possible Injury	C	Possible Injury: Injury which is claimed, reported, or indicated by behavior, but without visible wounds; includes limping or complaint of pain.	14. Crash Severity	
	N - Not Injured	O	Not Injured: The person involved in crash did not sustain an A, B, or C injury.	14. Crash Severity	
	99 - Unknown (2006 to present)	U	Unknown: Unable to determine whether injuries exist. Some examples may include: Hit and Run, Fled Scene, FSRA, etc.	14. Crash Severity	

Source: https://ftp.bdot.gov/pub/txdot-info/trf/crash_statistics/2022/02.pdf

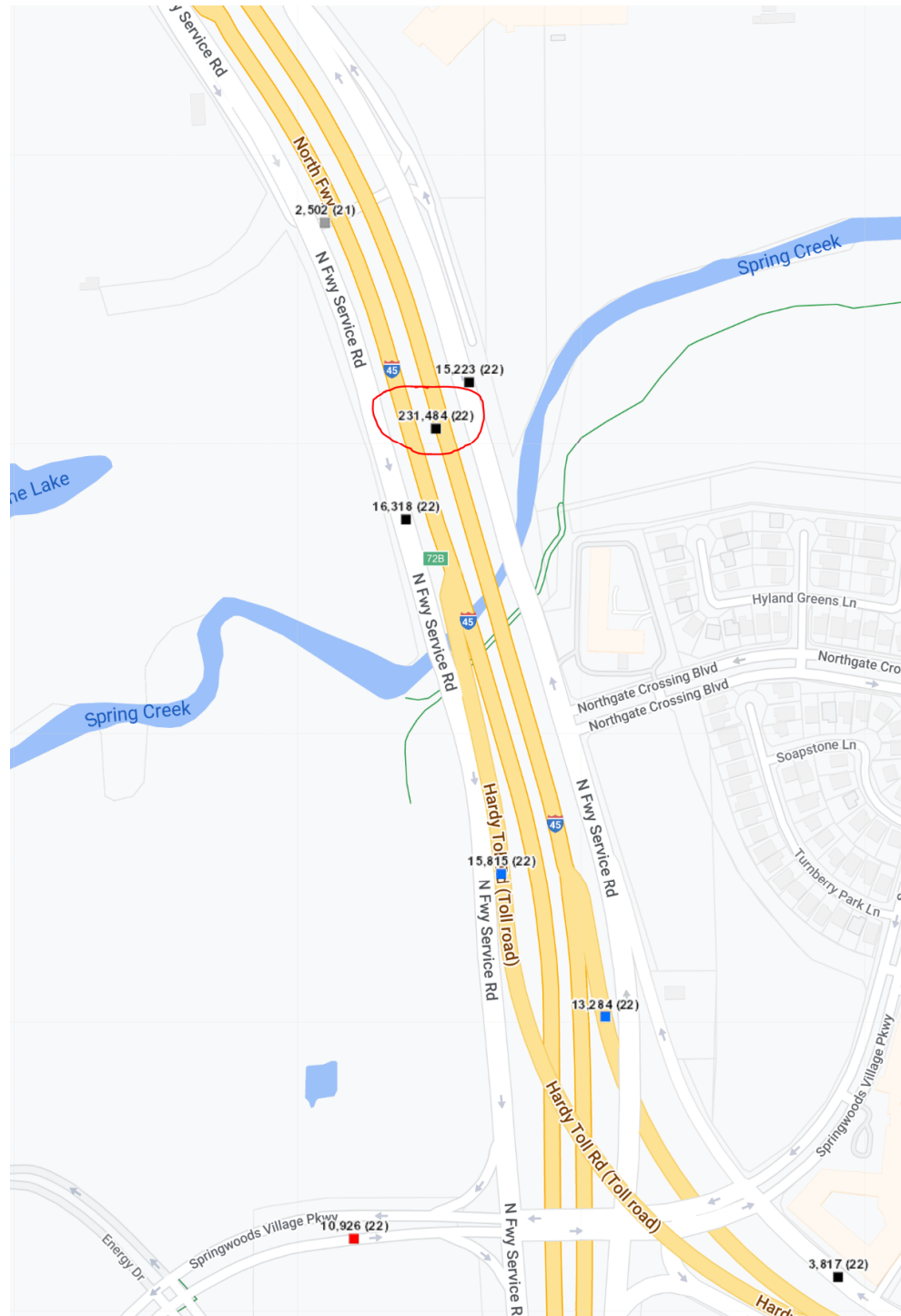
By Highway System

Highway System	Traffic Crashes per 100 million vehicle miles	
	Rural	Urban
Interstate	52.88	150.86
US Highway	68.42	192.67
State Highway	86.44	230.67
Farm-to-Market	115.69	249.93

https://safety.fhwa.dot.gov/hisp/spm/conversion_tbl/pdfs/kabco_ctable_by_state.pdf

TEXAS	2013 to Present			TX Instructions to Police For Reporting Crashes 2013 - TX Instructions to Police For Reporting Crashes 2015	codes & definitions found on Manual pg51 (2013), pg05 (2015)
	K - Killed	K	Killed: Died due to injuries sustained from the crash, within 30 days of the crash.	14. Crash Severity	
	A - Incapacitating Injury	A	Incapacitating Injury: Severe injury which prevents continuation of normal activities; includes broken or distorted limbs, internal injuries, crushed chest, etc.	14. Crash Severity	
	B - Non-incapacitating Injury	B	Non-incapacitating Injury: Evident injury such as bruises, abrasions, or minor lacerations which do not incapacitate.	14. Crash Severity	
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Source: https://safety.fhwa.dot.gov/hisp/spm/conversion_tbl/pdfs/kabco_ctable_by_state.pdf



Source: TxDOT STARS II

