LIMITED ACCESS FACILITIES

SERIOUS INJURY AND FATALITY ANALYSIS

2019 12-County MPA Total Reportable Crashes on Limited Access: 40,113
2019 12-County MPA Serious Injury & Fatality Crashes on Limited Access Facilities: 1,165

2019 Regional 16-County Crashes (All Roadways): 130,342

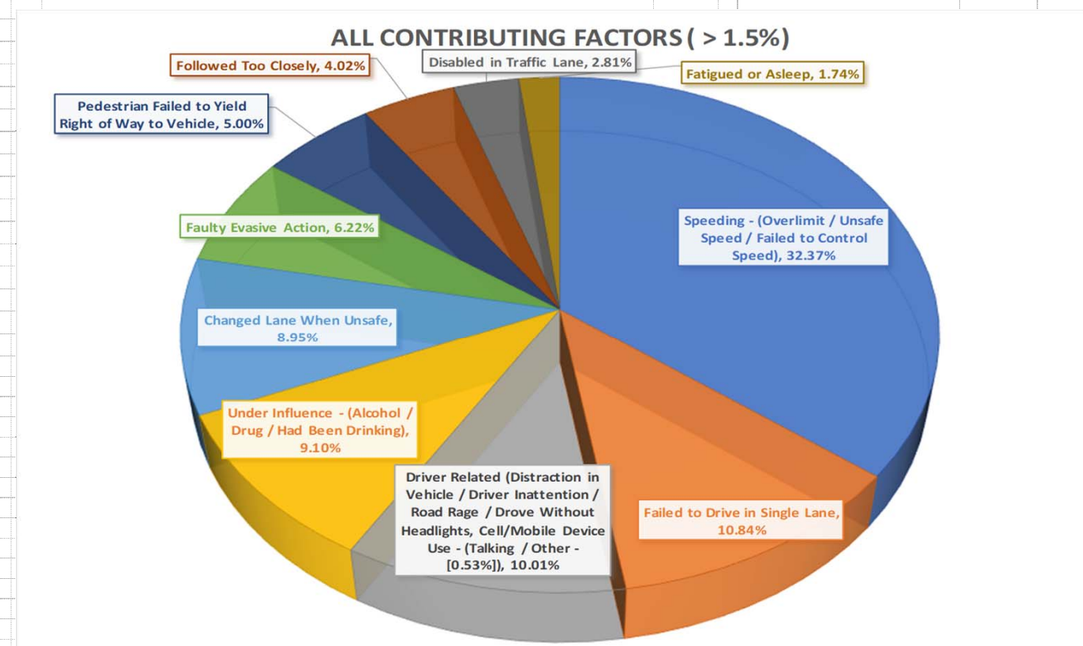
	ALL Contributing Factors (1, 2, 3) on Limited Access Facilities	
1	Animal on Road - Domestic	0.08%
2	Animal on Road - Wild	0.15%
3	Backed Without Safety	0.08%
4	Changed Lane When Unsafe	8.95%
5	Disabled in Traffic Lane	2.81%
6	Disregard Warning Sign at Construction	0.15%
7	Driver Related (Distraction in Vehicle / Driver Inattention / Road Rage / Drove Without Headlights, Cell/Mobile Device Use - (Talking / Other - [0.53%])	10.01%
8	Failed to Drive in Single Lane	10.84%
9	Failed to Heed Warning Sign	0.15%
10	Failed to Pass Safely (Left / Right / Overtake and Pass - Insufficient Clearance)	0.45%
11	Failed to Stop at Proper Place	0.38%
12	Fatigued or Asleep	1.74%
13	Faulty Evasive Action	6.22%
14	Fire in Vehicle	0.08%
15	Fleeing or Evading Police	0.76%
16	Followed Too Closely	4.02%
17	Handicapped Driver	0.08%
18	Ill	0.99%
19	Impaired Visibility	0.38%
20	Load Not Secured	0.15%
21	Oversized Vehicle or Load	0.15%
22	Parked in Traffic Lane	1.21%
23	Improper Parking (Parked Without Lights)	0.08%
24	Passed on Right Shoulder	0.23%
25	Pedestrian Failed to Yield Right of Way to Vehicle	5.00%
26	Speeding - (Overlimit / Unsafe Speed / Failed to Control Speed)	32.37%
27	Taking Medication	0.08%
28	Turned Improperly - (Cut Corner on Left / Wide Right / Wrong Lane)	0.38%
29	Turned When Unsafe	0.83%
30	Under Influence - (Alcohol / Drug / Had Been Drinking)	9.10%
31	Wrong Side - Approach or Intersection	0.15%
32	Wrong Side - Not Passing	0.23%
33	Wrong Way - One Way Road	1.74%

	Top Ten Contributing Factors	Percent
1	Speeding - (Overlimit / Unsafe Speed / Failed to Control Speed)	32.37%
2	Failed to Drive in Single Lane	10.84%
3	Driver Related (Distraction in Vehicle / Driver Inattention / Road Rage / Drove Without Headlights, Cell/Mobile Device Use - (Talking / Other - [0.53%])	10.01%
4	Under Influence - (Alcohol / Drug / Had Been Drinking)	9.10%
5	Changed Lane When Unsafe	8.95%
6	Faulty Evasive Action	6.22%
7	Pedestrian Failed to Yield Right of Way to Vehicle	5.00%
8	Followed Too Closely	4.02%
9	Disabled in Traffic Lane	2.81%
10	Fatigued or Asleep	1.74%
		91.05%

Crash Severity	Percent	# of Crashes
Serious Injury	79.66%	928
Fatality	20.34%	237
	100.00%	1,165

	Percent	# of Crashes
Construction Zone Crashes	8.33%	97
Pedestrian Crashes	9.61%	112
Motorcycle Driver Crashes	13.91%	162

Crashes per County	Percent	# of Crashes
Collin	7.04%	82
Dallas	47.12%	549
Denton	5.58%	65
Ellis	4.03%	47
Hood	0.00%	0
Hunt	2.23%	26
Johnson	1.80%	21
Kaufman	1.80%	21
Parker	1.80%	21
Rockwall	0.77%	9
Tarrant	27.73%	323
Wise	0.09%	1
	100.00%	1,165



Notes:
1. Roadways considered to be "limited access facilities" are of type: Interstate, US and State Highways and Tollways.
2. The number of "occurrences" is not equivalent to the number of "crashes" in this analysis, as more than one 'contributing factor' can be listed for each 'crash'.
3. The Contributing Factor Analysis above includes Primary, Secondary, and Tertiary Contributing Crash Factors on limited access facilities in the NCTCOG 12-County MPA.
4. This analysis does not take into account the contributing factor values of 'None' or 'Not Entered', which accounts for 47.02% (1,295 occurrences) of 'all contributing factor' records received.
5. This summary analyzes the crashes used in developing the crash rate which account for the following 12 counties: Collin, Dallas, Denton, Ellis, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties.
6. An Injury is classified as "serious" if it is of type: Incapacitating (Suspected Serious Injury)

For questions, contact Camille Fountain at cfountain@nctcog.org or (817) 704-2521

Source: TxDOT's Crash Records Information System (CRIS)

North Central Texas Council of Governments

NON-LIMITED ACCESS FACILITIES

SERIOUS INJURY AND FATALITY ANALYSIS

2019 12-County Total Reportable Crashes on Non-Limited Access: 87,710
2019 12-County Serious Injury & Fatality Crashes on Non-Limited Access: 2,026

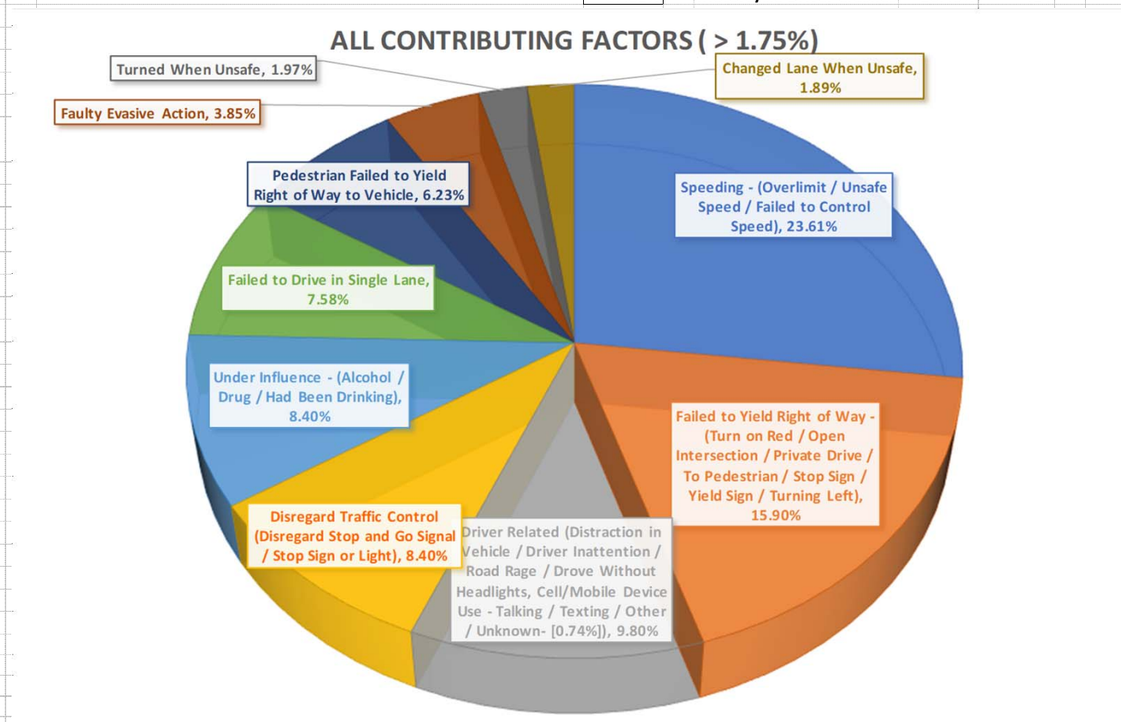
2019 Regional 16-County Crashes (All Roadways): 130,342

	ALL Contributing Factors (1,2,3) on Non-Limited Access Facilities	Percent
1	Animal on Road - Domestic	0.25%
2	Animal on Road - Wild	0.16%
3	Backed Without Safety	0.04%
4	Changed Lane When Unsafe	1.89%
5	Disabled in Traffic Lane	0.61%
6	Disregard Traffic Control (Disregard Stop and Go Signal / Stop Sign or Light)	8.40%
7	Disregard Turn Marks at Intersection	0.29%
8	Disregard Warning Sign at Construction	0.08%
9	Driver Related (Distraction in Vehicle / Driver Inattention / Road Rage / Drove Without Headlights, Cell/Mobile Device Use - Talking / Texting / Other / Unknown- [0.74%])	9.80%
10	Failed to Drive in Single Lane	7.58%
11	Failed to Give Half of Roadway	0.20%
12	Failed to Heed Warning Sign	0.16%
13	Failed to Pass Safely (Left / Right / Overtake and Pass - Insufficient Clearance)	0.45%
14	Failed to Signal or Gave Wrong Signal	0.04%
15	Failed to Stop at Proper Place	0.41%
16	Failed to Stop for Train	0.25%
17	Failed to Yield Right of Way - Emergency Vehicle	0.08%
18	Failed to Yield Right of Way - (Turn on Red / Open Intersection / Private Drive / To Pedestrian / Stop Sign / Yield Sign / Turning Left)	15.90%
19	Fatigued or Asleep	1.11%
20	Faulty Evasive Action	3.85%
21	Fleeing or Evading Police	1.02%
22	Followed Too Closely	1.19%
23	Handicapped Driver	0.04%
24	Ill	1.68%
25	Impaired Visibility	0.41%
26	Improper Start from Parked Position	0.04%
27	Improper Parking (Parked and Failed to Set Brakes)	0.04%
28	Parked in Traffic Lane	0.12%
29	Passed in No Passing Lane	0.29%
30	Passed on Right Shoulder	0.08%
31	Pedestrian Failed to Yield Right of Way to Vehicle	6.23%
32	Speeding - (Overlimit / Unsafe Speed / Failed to Control Speed)	23.61%
33	Taking Medication	0.04%
34	Turned Improperly - (Cut Corner on Left / Wide Right / Wrong Lane)	0.86%
35	Turned When Unsafe	1.97%
36	Under Influence - (Alcohol / Drug / Had Been Drinking)	8.40%
37	Wrong Side - Approach or Intersection	1.43%
38	Wrong Side - Not Passing	0.49%
39	Wrong Way - One Way Road	0.49%

	Top Ten Contributing Factors	Percent
1	Speeding - (Overlimit / Unsafe Speed / Failed to Control Speed)	23.61%
2	Failed to Yield Right of Way - (Turn on Red / Open Intersection / Private Drive / To Pedestrian / Stop Sign / Yield Sign / Turning Left)	15.90%
3	Driver Related (Distraction in Vehicle / Driver Inattention / Road Rage / Drove Without Headlights, Cell/Mobile Device Use - Talking / Texting / Other / Unknown- [0.74%])	9.80%
4	Disregard Traffic Control (Disregard Stop and Go Signal / Stop Sign or Light	8.40%
5	Under Influence - (Alcohol / Drug / Had Been Drinking)	8.40%
6	Failed to Drive in Single Lane	7.58%
7	Pedestrian Failed to Yield Right of Way to Vehicle	6.23%
8	Faulty Evasive Action	3.85%
9	Turned When Unsafe	1.97%
10	Changed Lane When Unsafe	1.89%
		87.62%

Crash Severity	Percent	# of Crashes
Serious Injury	85.74%	1,737
Fatality	14.26%	289
	100.00%	2,026
Construction Zone Crashes	6.27%	127
Pedestrian Crashes	17.87%	362
Motorcycle Driver Crashes	20.43%	414

Crashes per County	Percent	# of Crashes
Collin	9.23%	187
Dallas	45.01%	912
Denton	7.75%	157
Ellis	2.76%	56
Hood	1.04%	21
Hunt	1.18%	24
Johnson	6.61%	134
Kaufman	1.83%	37
Parker	1.88%	38
Rockwall	0.69%	14
Tarrant	21.03%	426
Wise	0.99%	20
	100.00%	2,026



Notes:
1. Roadways considered to be "non-limited access facilities" are of type: Business, Farm to Market, Principle Arterial, Park Road, State Loop, and State Spur
2. The number of "occurrences" is not equivalent to the number of "crashes" in this analysis, as more than one 'contributing factor' can be listed for each 'crash'.
3. The Contributing Factor Analysis above includes Primary, Secondary, and Tertiary Contributing Crash Factors on limited access facilities in the NCTCOG 12-County MPA.
4. This analysis does not take into account the contributing factor values of 'None' or 'Not Entered', which accounts for 41.00% (1,829 occurrences) of 'all contributing factor' records received.
5. This summary analyzes the crashes used in developing the crash rate which account for the following 12 counties: Collin, Dallas, Denton, Ellis, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties.
6. An Injury is classified as "serious" if it is of type: Incapacitating (Suspected Serious Injury)

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Source: TxDOT's Crash Records Information System (CRIS)

ALL ROADWAY FACILITIES

SERIOUS INJURY AND FATALITY ANALYSIS

2019 12-County Total Reportable Crashes on All Roadway Types: 127,823
2019 12-County MPA Crashes (All Roadways / Serious Injury & Fatality): 3,191

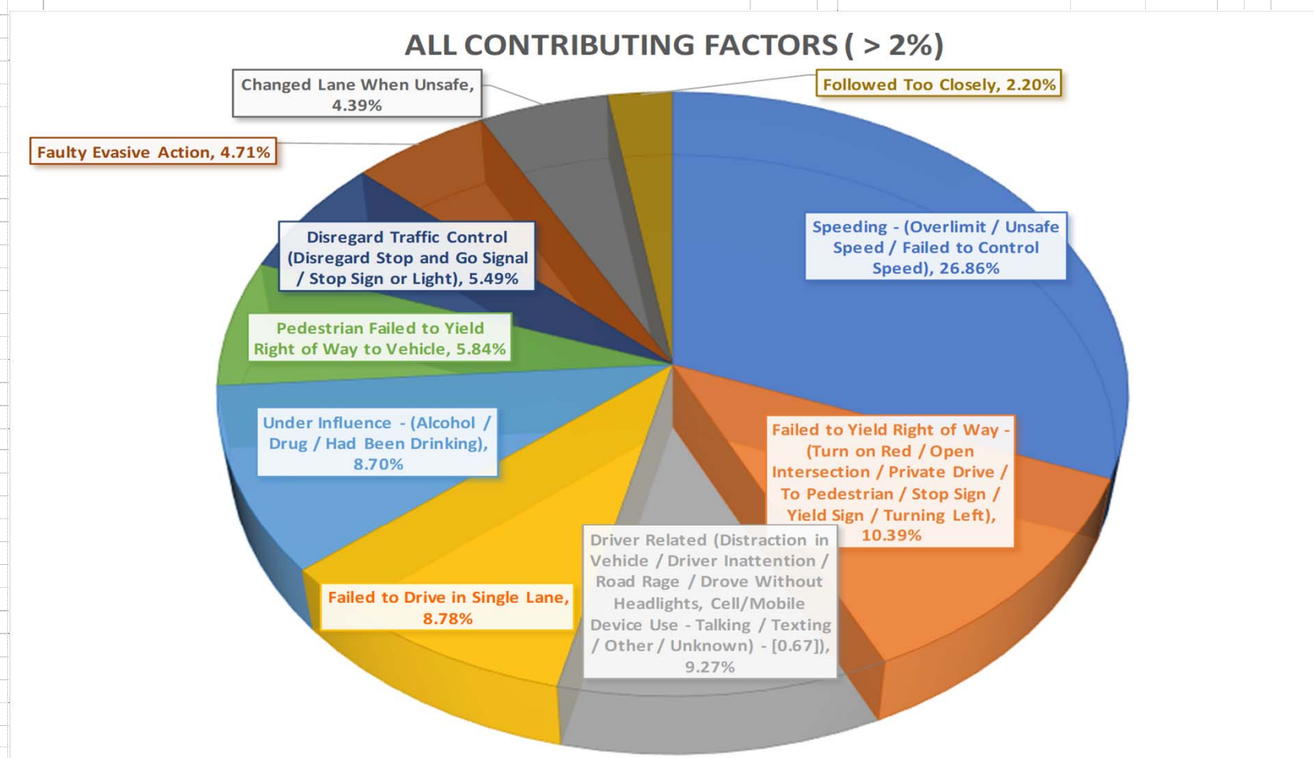
2019 Regional 16-County Crashes (All Roadways): 130,342

Cell #	All Contributing Factors (1,2,3) on All Roadways	
1	Animal on Road - Domestic	0.19%
2	Animal on Road - Wild	0.16%
3	Backed Without Safety	0.05%
4	Changed Lane When Unsafe	4.39%
5	Disabled in Traffic Lane	1.39%
6	Disregard Traffic Control (Disregard Stop and Go Signal / Stop Sign or Light)	5.49%
7	Disregard Turn Marks at Intersection	0.19%
8	Disregard Warning Sign at Construction	0.11%
9	Driver Related (Distraction in Vehicle / Driver Inattention / Road Rage / Drove Without Headlights, Cell/Mobile Device Use - Talking / Texting / Other / Unknown) - [0.67])	9.27%
10	Failed to Drive in Single Lane	8.78%
11	Failed to Give Half of Roadway	0.13%
12	Failed to Heed Warning Sign	0.16%
13	Failed to Pass Safely (Left / Right / Overtake and Pass - Insufficient Clearance)	0.46%
14	Failed to Signal or Gave Wrong Signal	0.03%
15	Failed to Stop at Proper Place	0.40%
16	Failed to Stop for Train	0.16%
17	Failed to Yield Right of Way - Emergency Vehicle	0.05%
18	Failed to Yield Right of Way - (Turn on Red / Open Intersection / Private Drive / To Pedestrian / Stop Sign / Yield Sign / Turning Left)	10.39%
19	Fatigued or Asleep	1.34%
20	Faulty Evasive Action	4.71%
21	Fire in Vehicle	0.03%
22	Fleeing or Evading Police	0.94%
23	Followed Too Closely	2.20%
24	Handicapped Driver	0.05%
25	Ill	1.45%
26	Impaired Visibility	0.40%
27	Improper Start from Parked Position	0.03%
28	Load Not Secured	0.05%
29	Improper Parking (Parked and Failed to Set Brakes)	0.03%
30	Oversized Vehicle or Load	0.05%
31	Parked in Traffic Lane	0.51%
31	Passed in No Passing Lane	0.19%
32	Improper Parking (Parked Without Lights)	0.03%
33	Passed on Right Shoulder	0.13%
34	Pedestrian Failed to Yield Right of Way to Vehicle	5.84%
35	Speeding - (Overlimit / Unsafe Speed / Failed to Control Speed)	26.86%
36	Taking Medication	0.05%
37	Turned Improperly - (Cut Corner on Left / Wide Right / Wrong Lane)	0.70%
38	Turned When Unsafe	1.58%
39	Under Influence - (Alcohol / Drug / Had Been Drinking)	8.70%
40	Wrong Side - Approach or Intersection	0.99%
41	Wrong Side - Not Passing	0.40%
42	Wrong Way - One Way Road	0.94%

	Top Ten Contributing Factors	Percent
1	Speeding - (Overlimit / Unsafe Speed / Failed to Control Speed)	26.86%
2	Failed to Yield Right of Way - (Turn on Red / Open Intersection / Private Drive / To Pedestrian / Stop Sign / Yield Sign / Turning Left)	10.39%
3	Driver Related (Distraction in Vehicle / Driver Inattention / Road Rage / Drove Without Headlights, Cell/Mobile Device Use - Talking / Texting / Other / Unknown) - [0.67])	9.27%
4	Failed to Drive in Single Lane	8.78%
5	Under Influence - (Alcohol / Drug / Had Been Drinking)	8.70%
6	Pedestrian Failed to Yield Right of Way to Vehicle	5.84%
7	Disregard Traffic Control (Disregard Stop and Go Signal / Stop Sign or Light)	5.49%
8	Faulty Evasive Action	4.71%
9	Changed Lane When Unsafe	4.39%
10	Followed Too Closely	2.20%
		86.64%

Crash Severity	Percent	# of Crashes
Serious Injury	83.52%	2,665
Fatality	16.48%	526
	100.00%	3,191
Construction Zone Crashes	7.02%	224
Pedestrian Crashes	14.85%	474
Motorcycle Driver Crashes	18.05%	576

Crashes per County	Percent	# of Crashes
Collin	8.43%	269
Dallas	45.79%	1,461
Denton	6.96%	222
Ellis	3.23%	103
Hood	0.66%	21
Hunt	1.57%	50
Johnson	4.86%	155
Kaufman	1.82%	58
Parker	1.85%	59
Rockwall	0.72%	23
Tarrant	23.47%	749
Wise	0.66%	21
	100.00%	3,191



Notes:
1. Roadways included in "all roadways" are of type: Interstate, US and State Highways, Tollways, Business, Farm to Market, Principle Arterial, Park Road, State Loop, and State Spur
2. The number of "occurrences" is not equivalent to the number of "crashes" in this analysis, as more than one 'contributing factor' can be listed for each 'crash'.
3. The Contributing Factor Analysis above includes Primary, Secondary, and Tertiary Contributing Crash Factors on limited access facilities in the NCTCOG 12-County MPA.
4. This analysis does not take into account the contributing factor values of '0' or 'Not Entered', which accounts for 43.30% (3,124 occurrences) of 'all contributing factor' records received.
5. This summary analyzes the crashes used in developing the crash rate which account for the following 12 counties: Collin, Dallas, Denton, Ellis, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, Tarrant, and Wise Counties.
6. An Injury is classified as "serious" if it is of type: Incapacitating (Suspected Serious Injury)

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