REGIONAL TRAFFIC STUDY

TXDOT ODESSA DISTRICT AND ADJACENT ENERGY IMPACTED COUNTIES

Provided Courtesy of

PERMIAN BASIN PETROLEUM ASSOCIATION

MIDLAND-ODESSA MOTRAN TRANSPORTATION ALLIANCE, INC.

With special thanks to the Permian Basin Petroleum Association for their support to help distribute the information in this report.

Thanks also goes to the Texas Department of Transportation and the Texas Department of Public Safety for their assistance in collecting and reporting the data necessary to compile this report.

Finally, our sincere appreciation to the MOTRAN staff for their many hours of service to review and assemble the data, as well as, CVA for preparation of the maps that help make this critical information more user friendly.

ECONOMIC IMPACT

65% of Texas Crude Oil Production

50% of Texas Natural Gas Production

Over **60%** of all Texas Alternative Energy

30% of U.S. Crude Oil Production

11% of U.S. Natural Gas Production

50% of Active Rigs in the U.S.

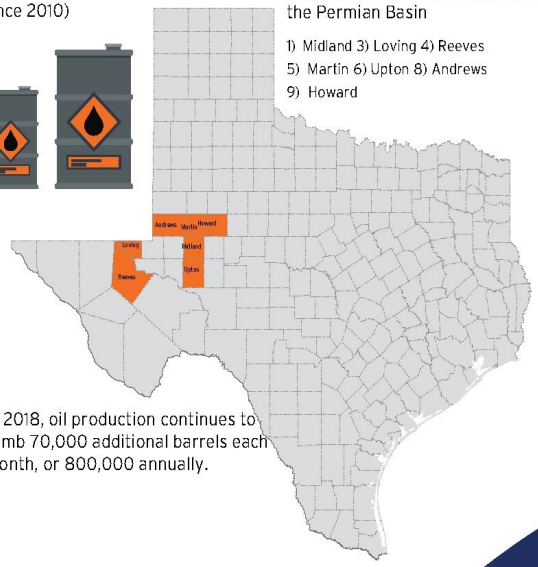
From September to October 2018, EIA estimates Permian oil and gas production will increase as much as the Bakken, Eagle Ford, and Haynesville plays combined - 2018 Texas Railroad Commission data shows 66% of drilling permits, 58% of all oil completions and 13% of all gas completions are in the Permian.

OIL PRODUCTION (2017)

656.3 million barrels (up 141% since 2010)

7 of the top 10 Texas oil-producing counties are in the Permian Basin

1) Midland 3) Loving 4) Reeves 5) Martin 6) Upton 8) Andrews 9) Howard



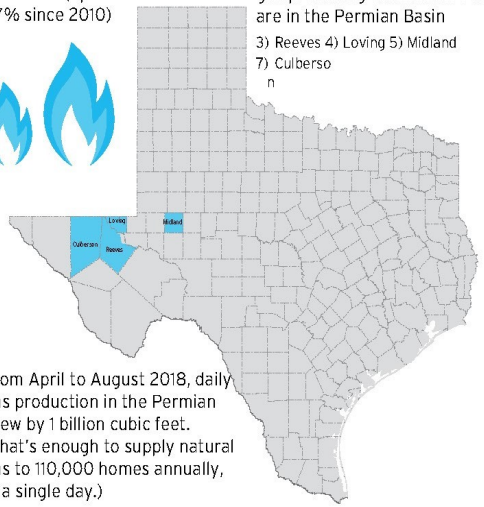
In 2018, oil production continues to climb 70,000 additional barrels each month, or 800,000 annually.

GAS PRODUCTION (2017)

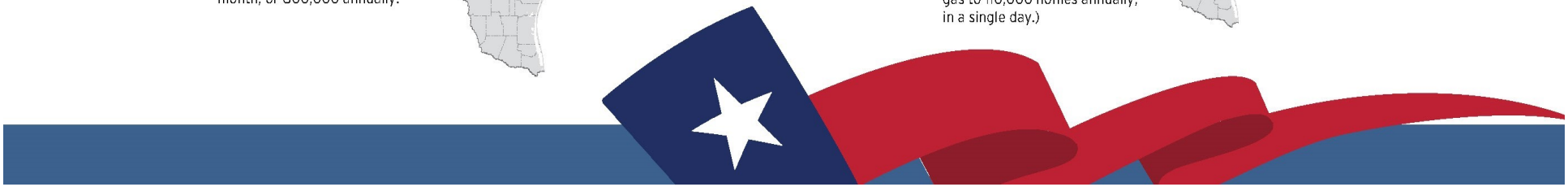
2.15 trillion cubic feet (up 67% since 2010)

4 of the top 10 gas-producing counties in Texas are in the Permian Basin

3) Reeves 4) Loving 5) Midland 7) Culberson



From April to August 2018, daily gas production in the Permian grew by 1 billion cubic feet. (That's enough to supply natural gas to 110,000 homes annually, in a single day.)



ECONOMIC IMPACT (2017)

$68.9 billion Gross Sales

$1.41 billion State Sales Tax

$1.67 billion in Severance Tax

$747.7 million for the Permanent University Fund

$673 million for the Permanent School Fund

$581.6 million in Ad Valorem Revenue for Counties

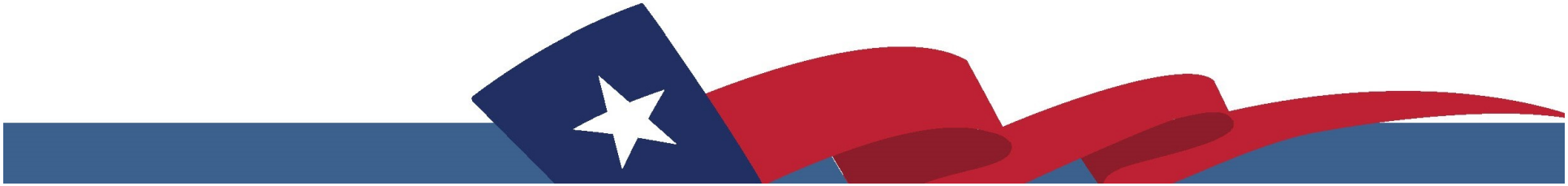
$250 million in Chapter 41 School Revenue

In 2017, the Permian Basin produced over $4.9 billion in revenues for the State of Texas (up $600 million annually from 2011), accounting for nearly 10% of all state-generated general revenue.

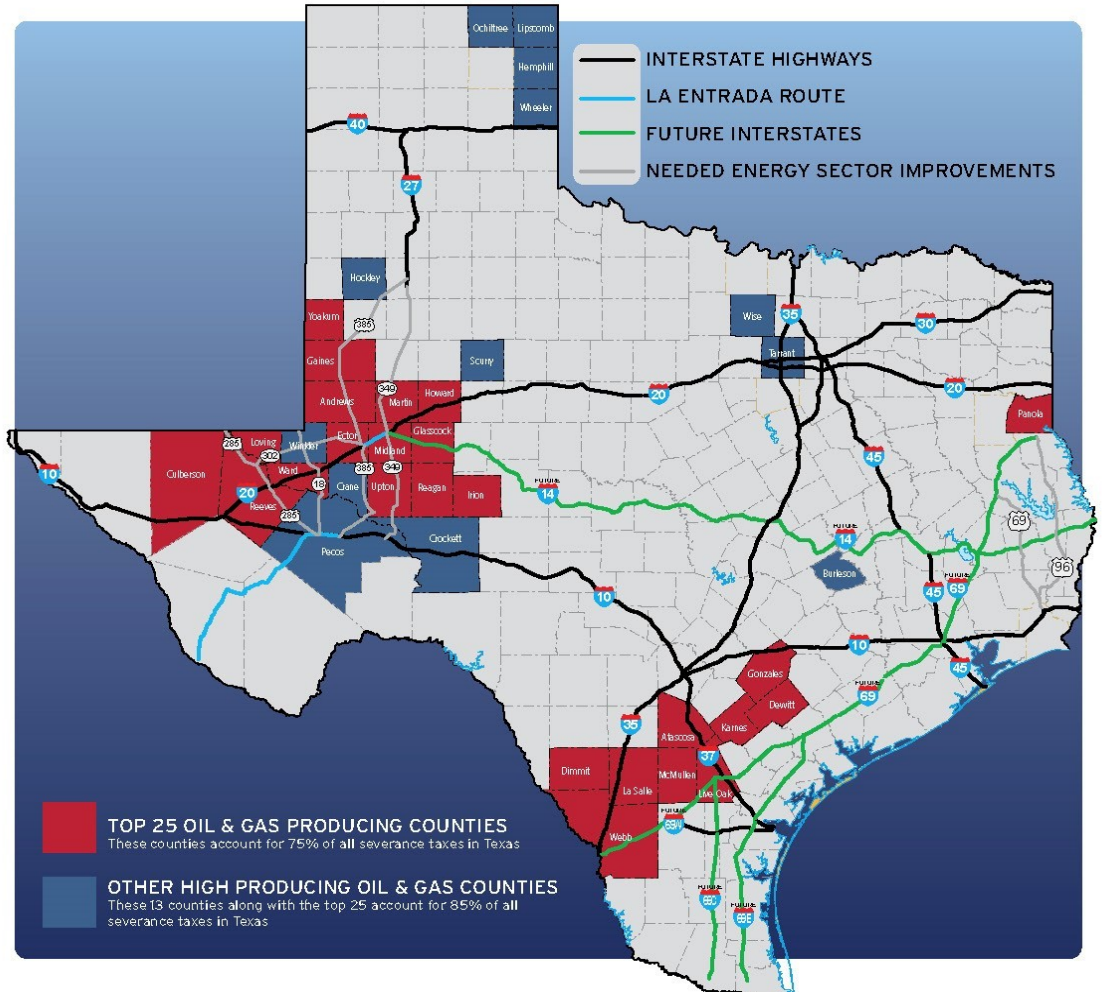
POPULATION AND WORKFORCE (2017)

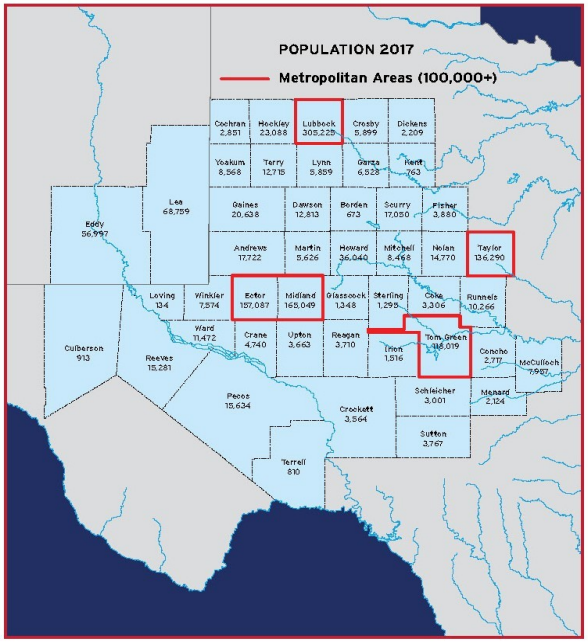
1,193,950 Population (Up 93,664 since 2010)

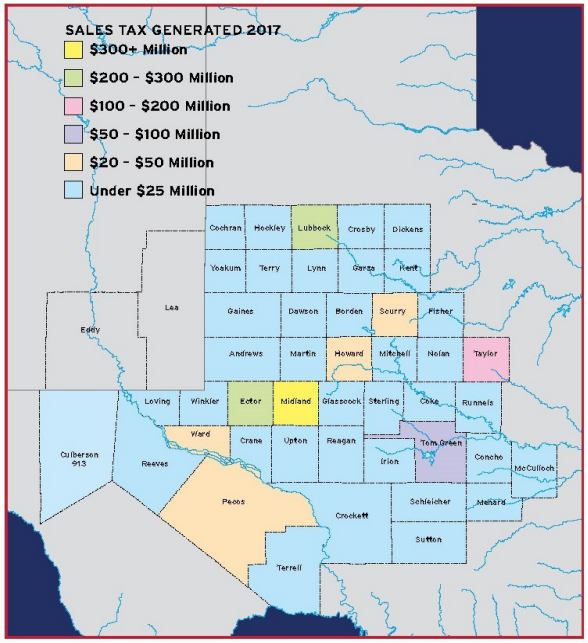
575,220 Workforce (Up 40,284 since 2010)



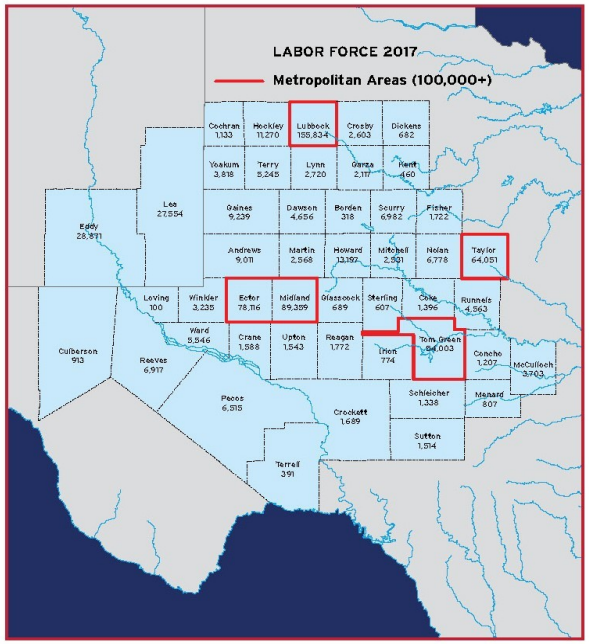
TEXAS TOP OIL & GAS PRODUCING COUNTIES

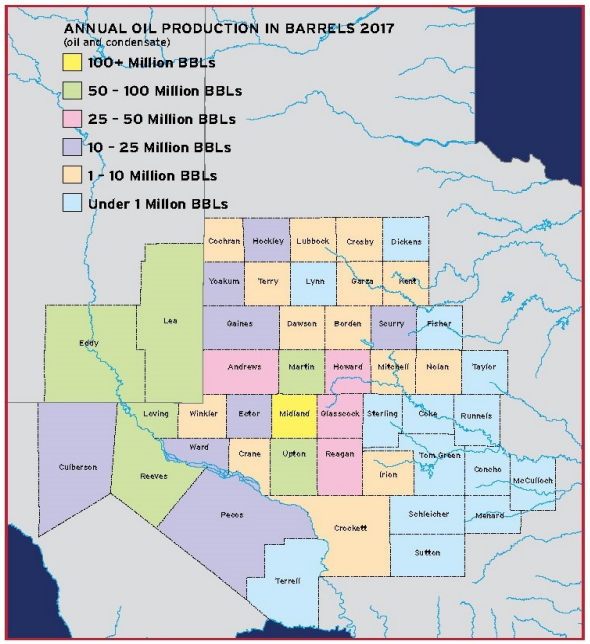


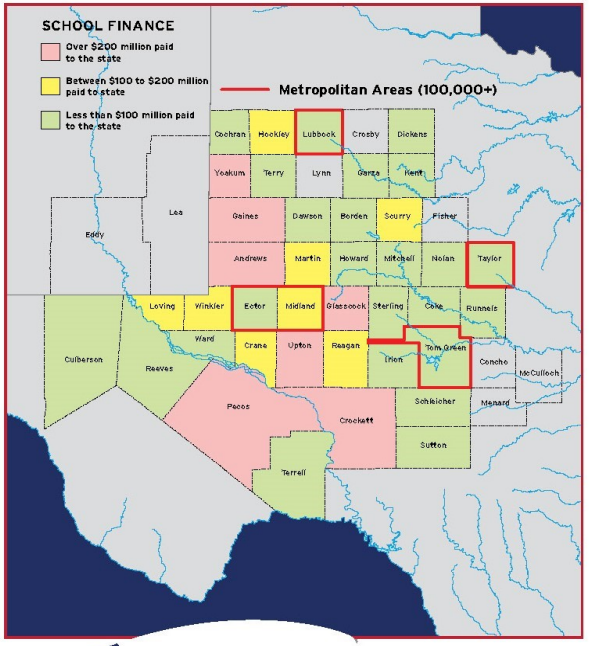

POPULATION 2017
Metropolitan Areas (100,000+)
Cochran 2,851
Hockley 23,088
Lubbock 305,225
Crosby 5,899
Dickens 2,209
Yoakum 8,568
Terry 12,715
Lynn 5,859
Garza 6,528
Kent 763
Lea 68,759
Gaines 20,638
Dawson 12,813
Borden 673
Scurry 17,030
Fisher 3,880
Eddy 56,997
Andrews 17,722
Martin 5,626
Howard 36,040
Mitchell 8,468
Nolan 14,770
Taylor 136,290
Loving 134
Winkler 7,574
Ector 157,087
Midland 168,049
Glasscock 1,348
Sterling 1,295
Coke 3,306
Runnels 10,266
Ward 11,472
Crane 4,740
Upton 3,663
Reagan 3,710
Irion 1,516
Tom Green 118,019
Concho 2,711
Culberson 913
Reeves 15,281
McCulloch 7,907
Pecos 15,634
Schleicher 3,001
Menard 2,124
Crockett 3,564
Sutton 3,767
Terrell 810


SALES TAX GENERATED 2017
$300+ Million
$200 - $300 Million
$100 - $200 Million
$50 - $100 Million
$20 - $50 Million
Under $25 Million

ANNUAL GAS PRODUCTION 2017
300+ MCF
200 - 300 MCF
100 - 200 MCF
50 - 100 MCF
5 -50 MCF
Under 5 MCF

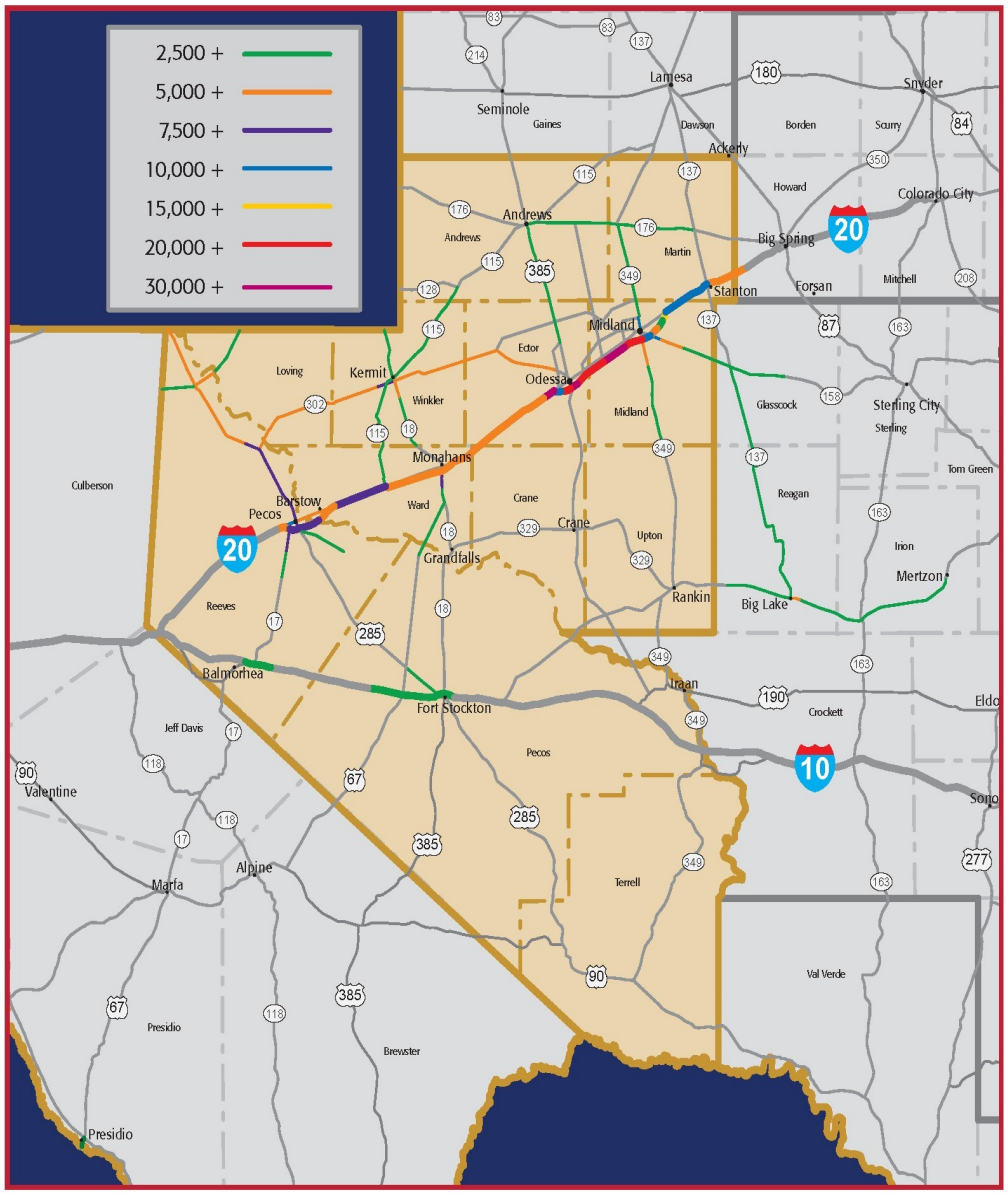

LABOR FORCE 2017
Metropolitan Areas (100,000+)
Cochran 1,133
Hockley 11,270
Lubbock 155,834
Crosby 2,603
Dickens 682
Yoakum 3,818
Terry 5,245
Lynn 2,720
Garza 2,117
Kent 460
Lea 27,554
Gaines 9,239
Dawson 4,656
Borden 318
Scurry 6,982
Fisher 1,722
Eddy 28,911
Andrews 9,011
Martin 2,568
Howard 13,157
Mitchell 2,931
Nolan 6,778
Taylor 64,051
Loving 100
Winkler 3,235
Ector 78,116
Midland 89,399
Glasscock 689
Sterling 607
Coke 1,396
Runnels 4,563
Ward 5,546
Crane 1,588
Upton 1,543
Reagan 1,772
Irion 774
Tom Green 54,003
Concho 1,207
Culberson 913
Reeves 6,917
McCulloch 3,703
Pecos 6,515
Schleicher 1,338
Menard 807
Crockett 1,689
Sutton 1,914
Terrell 391


ANNUAL OIL PRODUCTION IN BARRELS 2017
(oil and condensate)
100+ Million BBLs
50 - 100 Million BBLs
25 - 50 Million BBLs
10 - 25 Million BBLs
1 - 10 Million BBLs
Under 1 Millon BBLs

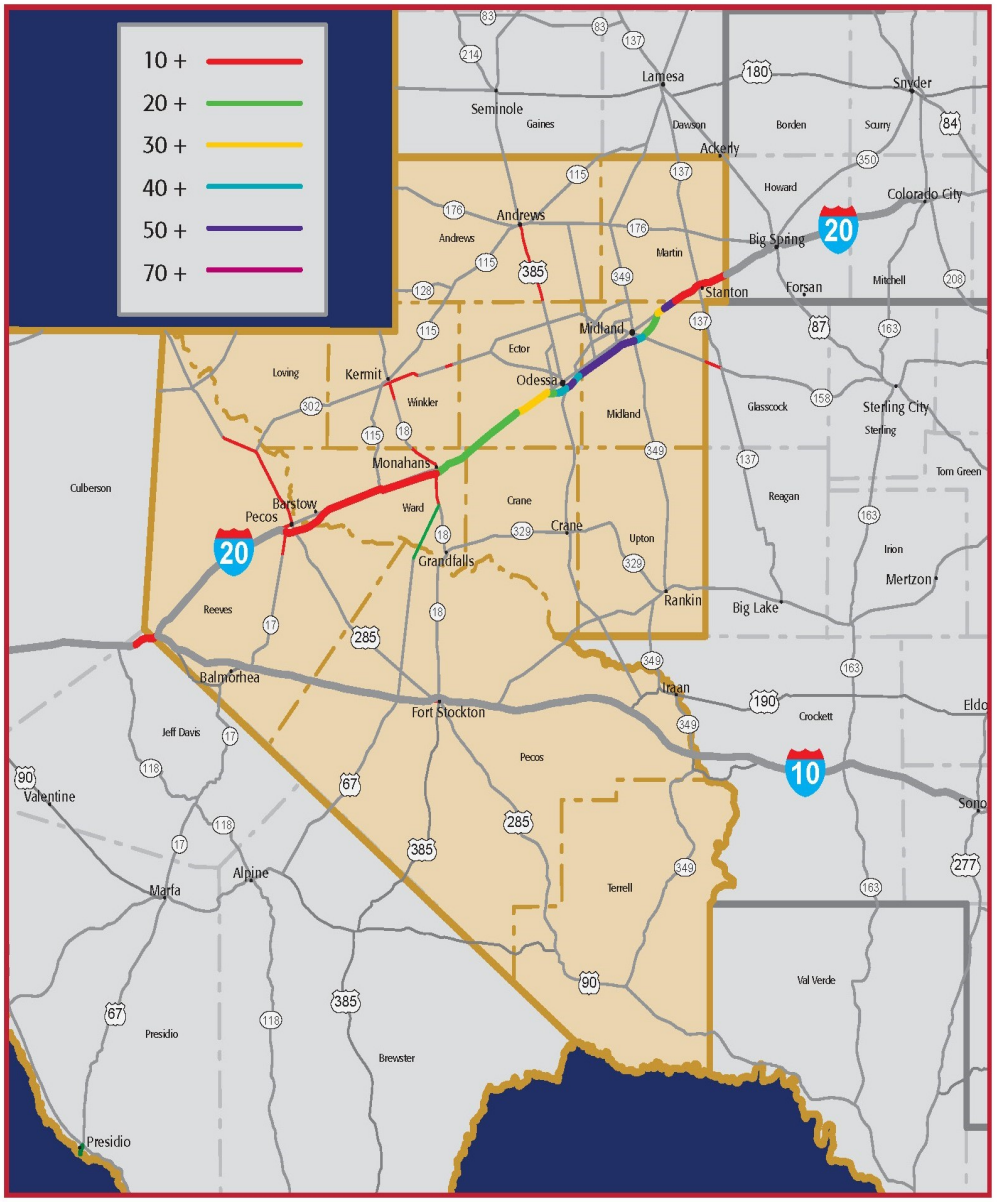

SCHOOL FINANCE
Over $200 million paid to the state
Between $100 to $200 million paid to state
Less than $100 million paid to the state
Metropolitan Areas (100,000+)

REGIONAL TRAFFIC INCREASES AND OVERALL AADT

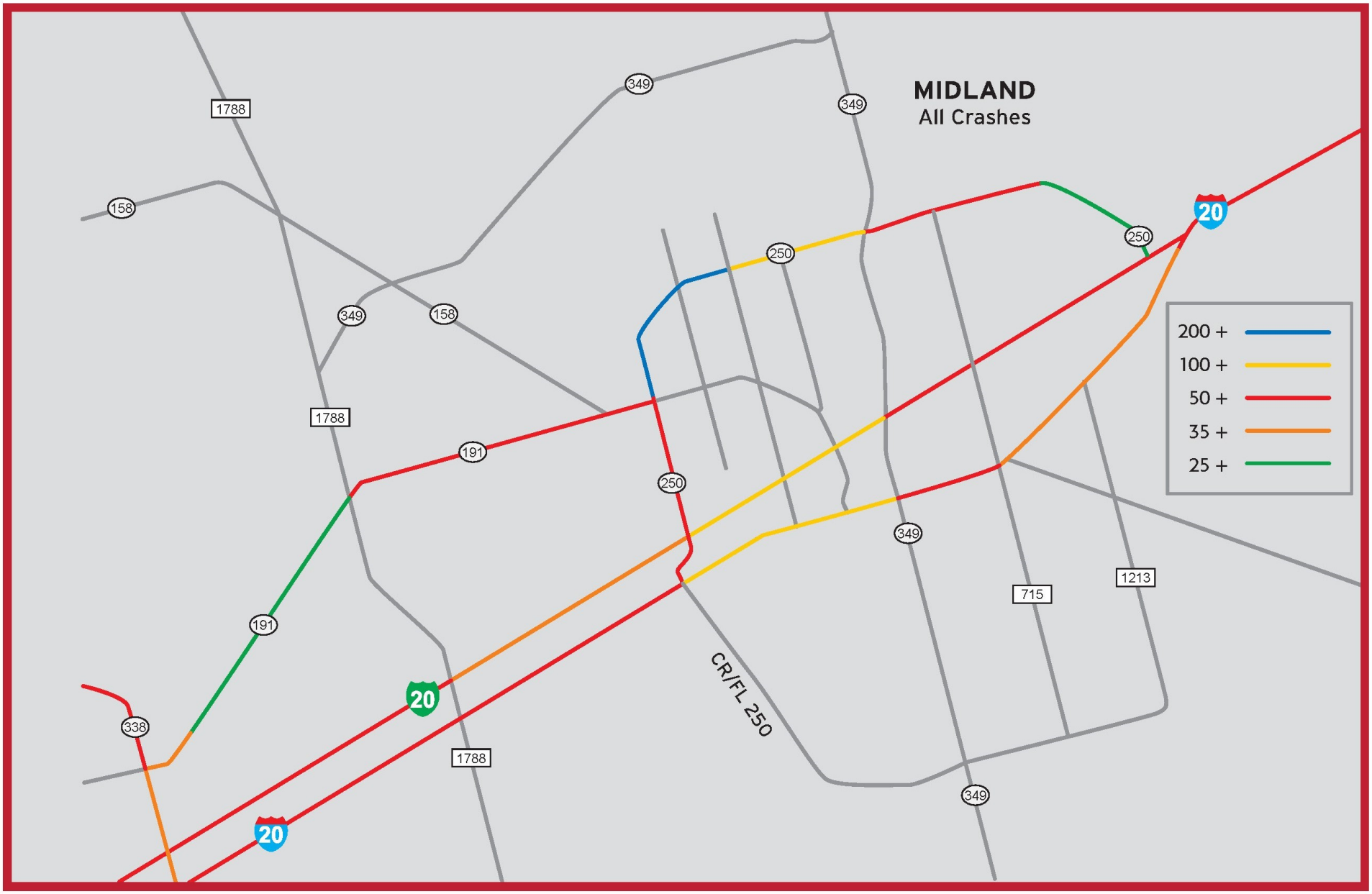
INCREASE IN DAILY TRAFFIC (OVER LAST DECADE)

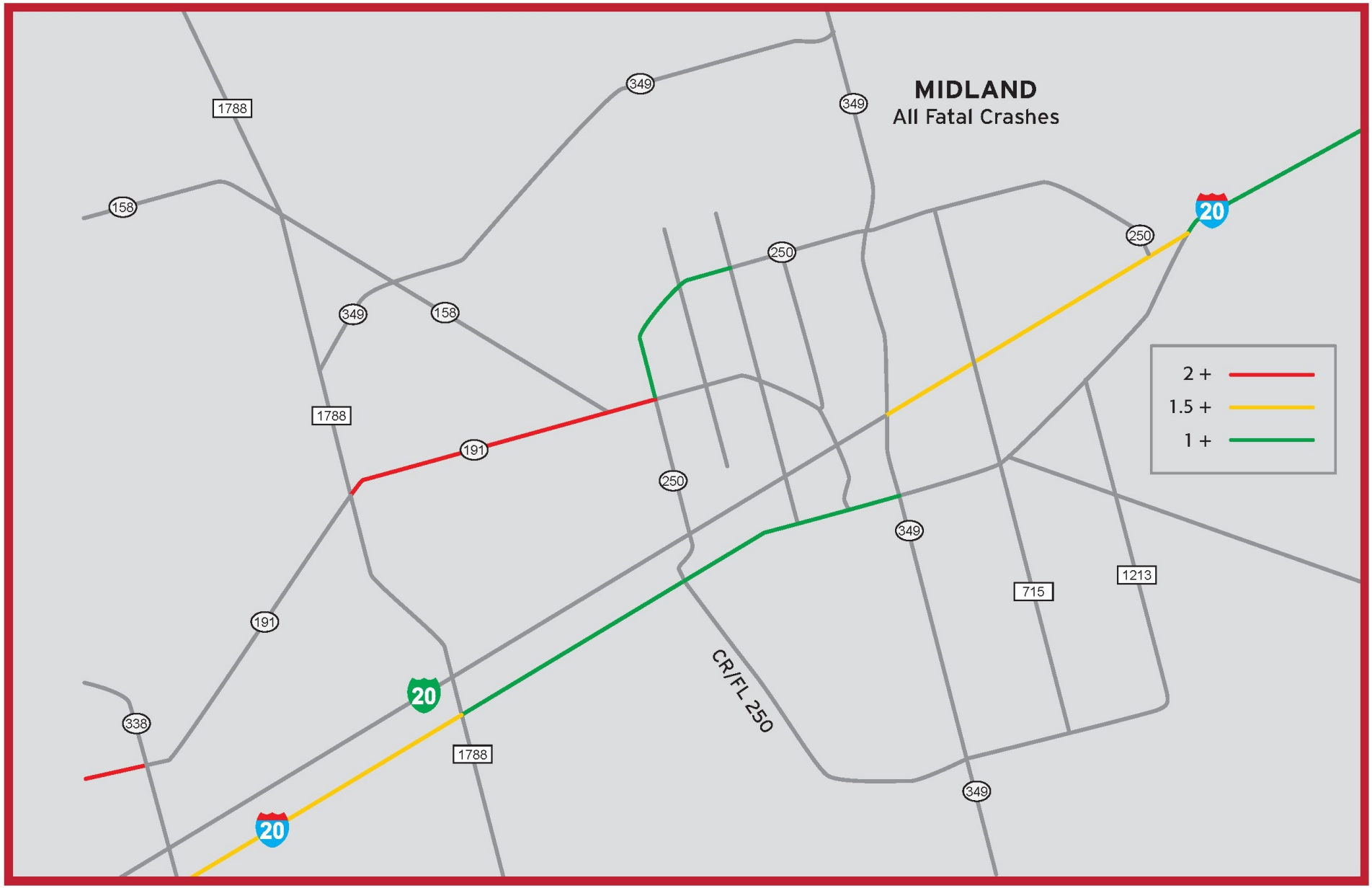


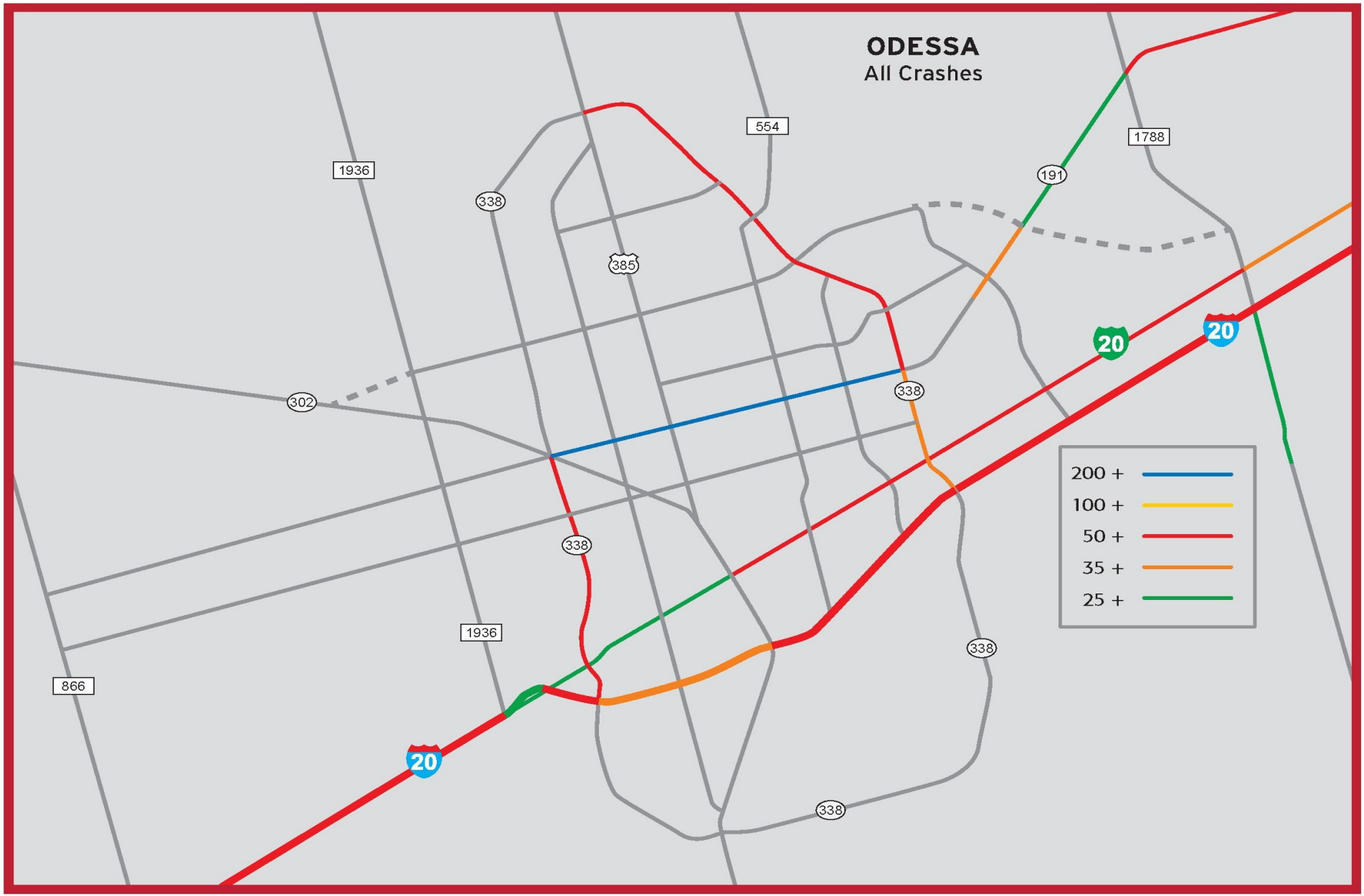
OVERALL DAILY TRAFFIC LEVELS



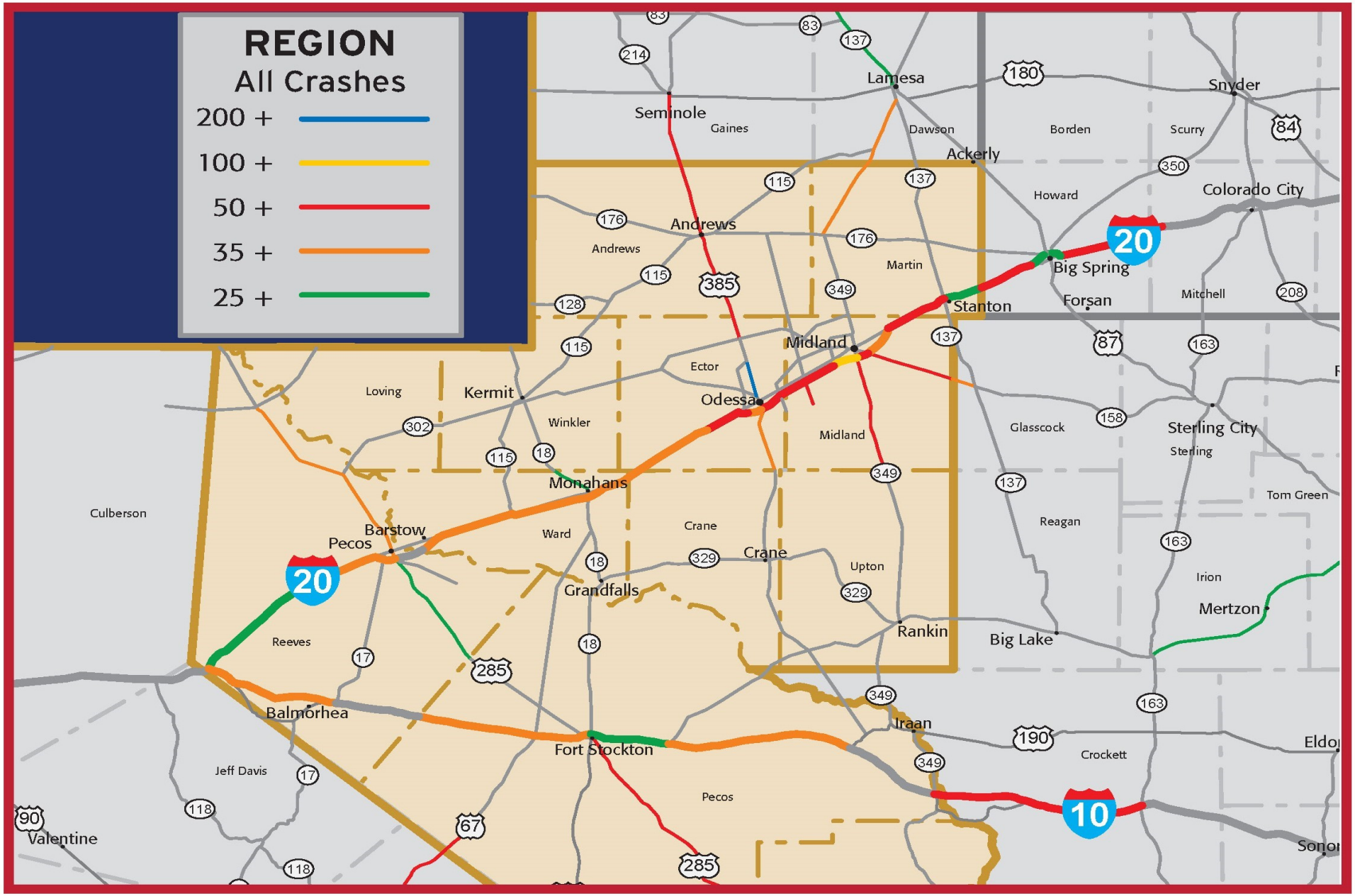
REGIONAL CRASHES AND FATALITIES

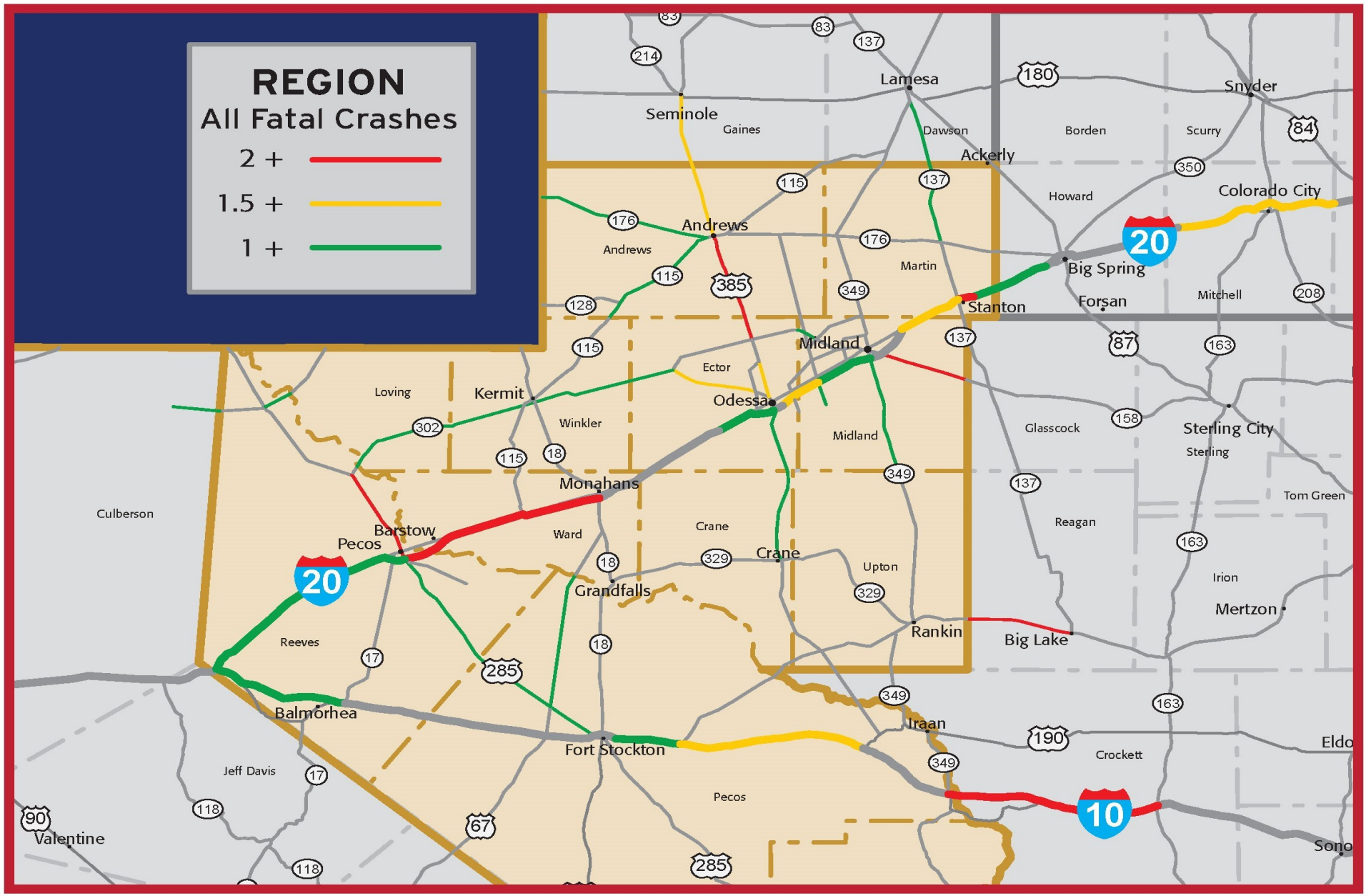

MIDLAND
All Crashes
200 +
100 +
50 +
35 +
25 +
1788
349
158
191
250
20
338
715
1213
CR/FL 250


MIDLAND
All Fatal Crashes
2 +
1.5 +
1 +
1788
349
158
191
250
20
338
715
1213
CR/FL 250


ODESSA
All Crashes
554
1788
1936
191
338
385
20
20
302
338
200 +
100 +
50 +
35 +
25 +
338
1936
866
338
20
338

ODESSA
All Fatal Crashes
554
1788
1936
191
338
385
20
20
302
338
2 +
1.5 +
1 +
338
1936
338
866
20
338


REGION
All Crashes
200 +
100 +
50 +
35 +
25 +
Lamesa
Snyder
Seminole
Gaines
Dawson
Borden
Scurry
Ackerly
Howard
Colorado City
Andrews
Andrews
Martin
Big Spring
Stanton
Forsan
Mitchell
Midland
Ector
Loving
Kermit
Odessa
Winkler
Midland
Glasscock
Sterling City
Sterling
Monahans
Tom Green
Culberson
Barstow
Pecos
Ward
Crane
Crane
Reagan
Upton
Irion
Grandfalls
Mertzon
Rankin
Big Lake
Reeves
Balmorhea
Iraan
Fort Stockton
Crockett
Jeff Davis
Pecos
Valentine
20
20
10

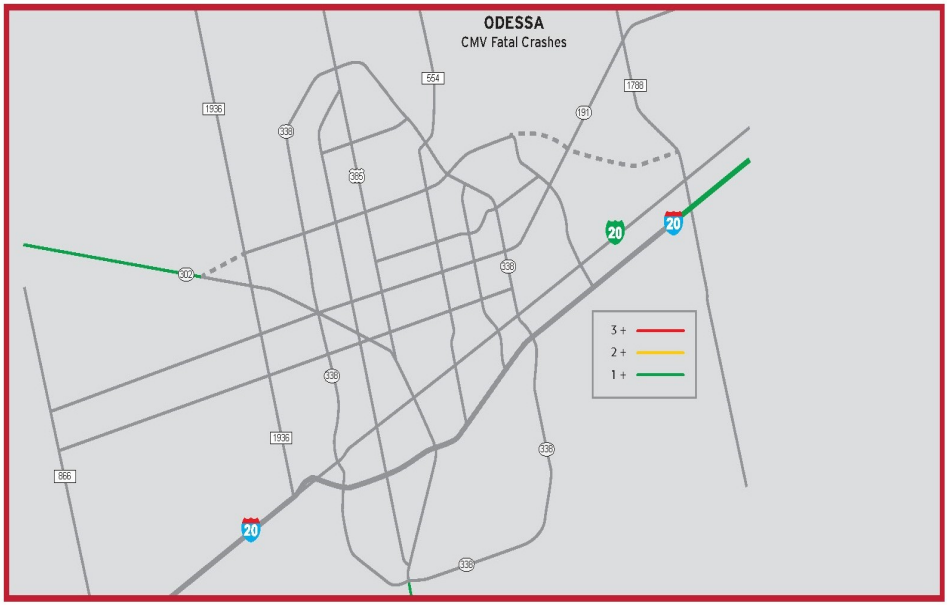

REGION
All Fatal Crashes
2 +
1.5 +
1 +
Lamesa
Snyder
Seminole
Gaines
Dawson
Borden
Scurry
Ackerly
Howard
Colorado City
Andrews
Andrews
Martin
Big Spring
Stanton
Forsan
Mitchell
Midland
Ector
Loving
Kermit
Odessa
Winkler
Midland
Glasscock
Sterling City
Sterling
Monahans
Tom Green
Culberson
Barstow
Pecos
Ward
Crane
Crane
Reagan
Upton
Irion
Grandfalls
Mertzon
Rankin
Big Lake
Reeves
Balmorhea
Iraan
Fort Stockton
Crockett
Eldo
Jeff Davis
Pecos
Valentine
Sono
20
20
10
180
84
350
20
385
349
137
87
163
158
302
115
18
329
17
285
190
118
67
90

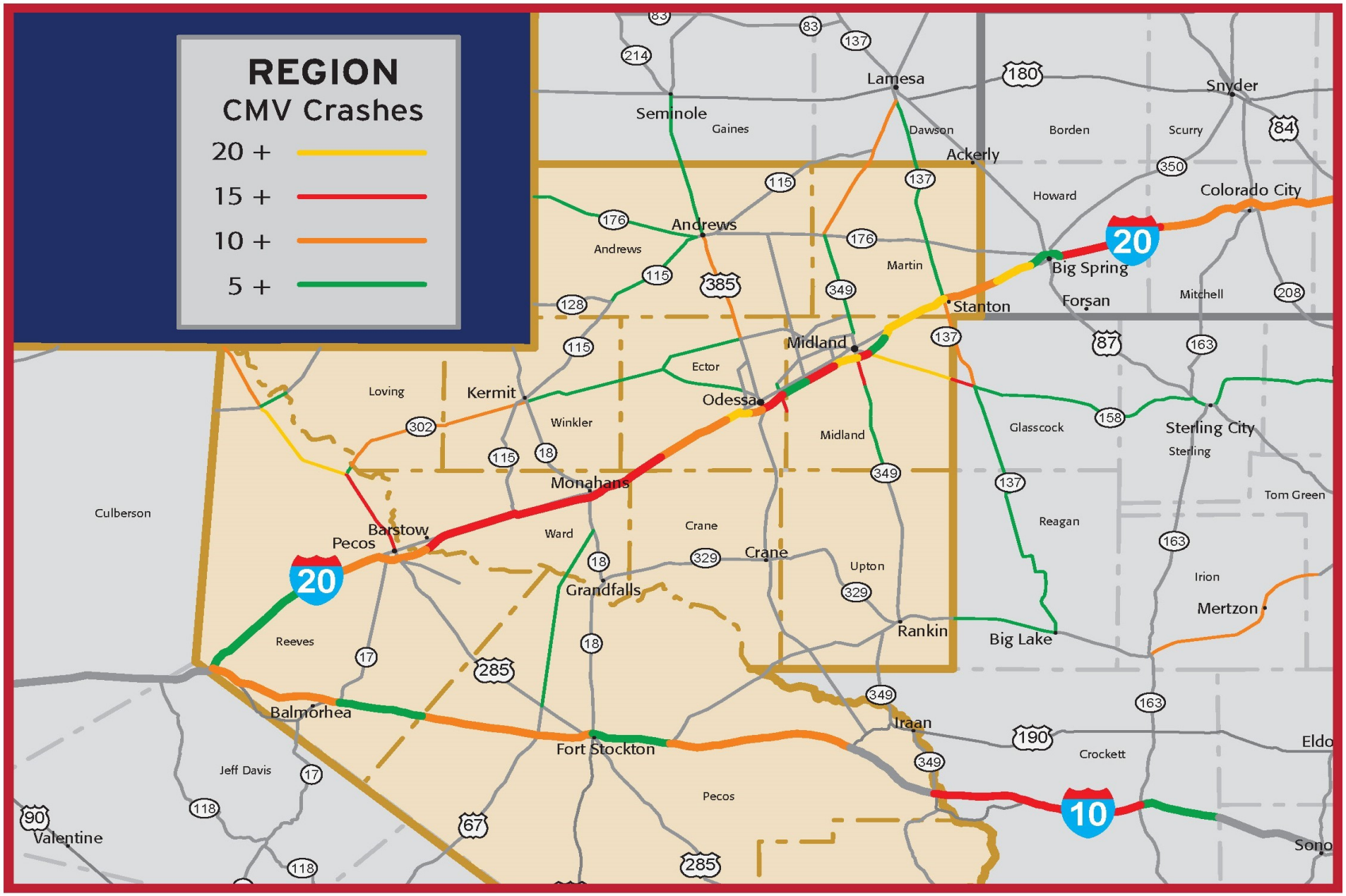
COMMERCIAL MOTOR VEHICLE REGIONAL CRASHES AND FATALITIES

MIDLAND
CMV Crashes
20 +
15 +
10 +
5 +
CR/FL 250

MIDLAND
CMV Fatal Crashes
3 +
2 +
1 +
CR/FL 250

ODESSA
CMV Crashes
20 +
15 +
10 +
5 +


ODESSA
CMV Fatal Crashes
3 +
2 +
1 +


REGION
CMV Crashes
20 +
15 +
10 +
5 +
Lamesa
Seminole
Gaines
Dawson
Ackerly
Snyder
Borden
Scurry
Howard
Colorado City
Andrews
Martin
Big Spring
Forsan
Mitchell
Stanton
Midland
Ector
Odessa
Loving
Kermit
Winkler
Glasscock
Sterling City
Sterling
Tom Green
Reagan
Irion
Mertzon
Big Lake
Rankin
Upton
Crane
Ward
Monahans
Barstow
Pecos
Culberson
Reeves
Grandfalls
Balmorhea
Fort Stockton
Iraan
Crockett
Eldo
Jeff Davis
Pecos
Valentine
Sono
20
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83
214
137
180
84
350
115
176
385
349
128
87
163
208
158
302
18
329
285
17
67
118
90
190

REGION
CMV Fatal Crashes
3 +
2 +
1 +
Lamesa
Snyder
Seminole
Gaines
Dawson
Borden
Scurry
Ackerly
Howard
Colorado City
Andrews
Andrews
Martin
Big Spring
Stanton
Forsan
Mitchell
Midland
Ector
Loving
Kermit
Odessa
Winkler
Midland
Glasscock
Sterling City
Sterling
Monahans
Tom Green
Culberson
Barstow
Pecos
Ward
Crane
Crane
Reagan
Upton
Irion
Grandfalls
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Reeves
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Iraan
Fort Stockton
Crockett
Eldo
Jeff Davis
Pecos
Valentine
Sono
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180
84
350
20
385
349
87
163
158
302
115
18
329
17
285
190
67
118
90

BREAKDOWN
OF SIGNIFICANT CRASH DATA

COMPARISON OF REGIONAL CORRIDOR CRASH DATA-PER MILE BASIS

ROADWAY (And Counties)	CRASHES PER MILE	FATALITIES PER MILE	CMV CRASHES PER MILE
US 385 (Andrews & Gaines)	2.43	0.09	0.39
SH 302 (Winkler & Ector)	1.52	0.07	0.51
SH 158 (Midland & Glasscock)	1.8	0.07	0.4
US 285 (Reeves)	2.13	0.06	0.83
I-20 Reeves, Ward, Ector, Midland Martin & Howard	4.65	0.11	1.4
I-10 Reeves, Pecos, Crockett	1.53	0.05	0.4
SH 349 S of I-20 (Midland)	3.36	0.04	0.72
SH 137 (Dawson, Martin, Glasscock)	1	0.02	0.4
SH 18 (Ward)	2.11	0.05	1

LOOP 250 (Midland)	34.7	0.09	2
LOOP 338 (Ector)	4.63	0.14	0.62
SH 191 (MIDLAND/ECTOR)	11	0.2	0.8

Martin County IH 20 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	66.7	
CMV	23.7	36%
Intersection Related	10.7	16%
Crash Severity		
Fatal	3.3	5%
Injury	21.3	32%
No Injury	42	63%
Crash Factors		
Significant Driver Issues	11	17%
Fail to Stop/Yield ROW	7	11%
Speed	20.3	31%
Lane Departure	22.7	34%
Crash Orientation		
Single Vehicle	35	53%
Opposing	4	6%
Same Direction	21.7	33%

Howard County IH 20 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	154.0	
CMV	56.7	37%
Intersection Related	29.7	19%
Crash Severity		
Fatal	3.7	2%
Injury	42.0	27%
No Injury	108.3	70%
Crash Factors		
Significant Driver Issues	21.3	14%
Fail to Stop/Yield ROW	14.7	10%
Speed	54.3	35%
Lane Departure	41.3	27%
Crash Orientation		
Single Vehicle	87	6%
Opposing	10	6%
Same Direction	45.0	29%

Ector County IH 20 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	252.3	
CMV	79	31%
Intersection Related	27.3	11%
Crash Severity		
Fatal	3.3	1%
Injury	70.3	28%
No Injury	178.7	71%
Crash Factors		
Significant Driver Issues	54	21%
Fail to Stop/Yield ROW	34.7	14%
Speed	104	41%
Lane Departure	57.7	23%
Crash Orientation		
Single Vehicle	108.3	43%
Opposing	16.3	6%
Same Direction	95.7	38%

Midland County IH 20 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	364.7	
CMV	89.3	24%
Intersection Related	133.3	37%
Crash Severity		
Fatal	2.3	1%
Injury	97.7	27%
No Injury	261.7	72%
Crash Factors		
Significant Driver Issues	88.3	24%
Fail to Stop/Yield ROW	63	17%
Speed	117	32%
Lane Departure	77.3	21%
Crash Orientation		
Single Vehicle	106	29%
Opposing	41.7	11%
Same Direction	135.7	37%

Reeves County IH 20 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	87.3	
CMV	27.3	31%
Intersection Related	12.7	15%
Crash Severity		
Fatal	2.7	3%
Injury	21.3	24%
No Injury	63.3	73%
Crash Factors		
Significant Driver Issues	14.3	16%
Fail to Stop/Yield ROW	7.3	8%
Speed	23	26%
Lane Departure	5	6%
Crash Orientation		
Single Vehicle	57	65%
Opposing	4	5%
Same Direction	19	22%

Ward County IH 20 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	120.3	
CMV	43.3	36%
Intersection Related	7.7	6%
Crash Severity		
Fatal	5	4%
Injury	33	27%
No Injury	82.3	68%
Crash Factors		
Significant Driver Issues	23	19%
Fail to Stop/Yield ROW	2.7	2%
Speed	38	32%
Lane Departure	30	25%
Crash Orientation		
Single Vehicle	71	59%
Opposing	3	2%
Same Direction	42.7	35%

Reeves County IH 10 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	52.7	
CMV	18.3	35%
Intersection Related	1.7	3%
Crash Severity		
Fatal	1.3	3%
Injury	11.3	22%
No Injury	36.7	70%
Crash Factors		
Significant Driver Issues	9.7	18%
Fail to Stop/Yield ROW	0	0%
Speed	21.7	41%
Lane Departure	11.3	22%
Crash Orientation		
Single Vehicle	43.3	82%
Opposing	0.7	1%
Same Direction	8.3	16%

Pecos County IH 10 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	138.3	
CMV	32.7	24%
Intersection Related	19.7	14%
Crash Severity		
Fatal	3.7	3%
Injury	49	35%
No Injury	86.7	63%
Crash Factors		
Significant Driver Issues	34.3	25%
Fail to Stop/Yield ROW	12	9%
Speed	20	14%
Lane Departure	30	22%
Crash Orientation		
Single Vehicle	98.3	71%
Opposing	4.7	3%
Same Direction	21.7	16%

Crockett County IH 10 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	86	
CMV	24.7	29%
Intersection Related	3.3	4%
Crash Severity		
Fatal	2	2%
Injury	27.7	32%
No Injury	56.3	66%
Crash Factors		
Significant Driver Issues	24.3	28%
Fail to Stop/Yield ROW	2	2%
Speed	37	43%
Lane Departure	24	28%
Crash Orientation		
Single Vehicle	69	80%
Opposing	0.3	0%
Same Direction	14.3	17%

Andrews County US 385 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	70.3	
CMV	14	20%
Intersection Related	23	33%
Crash Severity		
Fatal	2.7	4%
Injury	21.7	31%
No Injury	46	65%
Crash Factors		
Significant Driver Issues	17.7	25%
Fail to Stop/Yield ROW	9.3	13%
Speed	18.7	27%
Lane Departure	9	13%
Crash Orientation		
Single Vehicle	33.7	48%
Opposing	3.3	5%
Same Direction	20.3	29%

Gaines County US 385 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	29.3	
CMV	2	7%
Intersection Related	8	27%
Crash Severity		
Fatal	1	3%
Injury	3.0	10%
No Injury	17	58%
Crash Factors		
Significant Driver Issues	6.7	23%
Fail to Stop/Yield ROW	5.7	19%
Speed	4.3	15%
Lane Departure	5.3	18%
Crash Orientation		
Single Vehicle	13.7	47%
Opposing	4.3	15%
Same Direction	9.3	32%

Reeves County US 285 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	170	
CMV	67	39%
Intersection Related	59	35%
Crash Severity		
Fatal	5	3%
Injury	41	24%
No Injury	124	73%
Crash Factors		
Significant Driver Issues	28.3	17%
Fail to Stop/Yield ROW	33.7	20%
Speed	47.7	28%
Lane Departure	47	28%
Crash Orientation		
Single Vehicle	29.7	17%
Opposing	29.3	17%
Same Direction	72	42%

Midland County SH 349 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	87.3	
CMV	18	21%
Intersection Related	33	38%
Crash Severity		
Fatal	1	1%
Injury	26	30%
No Injury	60.3	69%
Crash Factors		
Significant Driver Issues	21.3	24%
Fail to Stop/Yield ROW	28	32%
Speed	23.7	27%
Lane Departure	20.3	23%
Crash Orientation		
Single Vehicle	17.7	20%
Opposing	11.7	13%
Same Direction	35.3	40%

Only includes rural portion of SH 349 in Midland County south of I-20

Winkler County SH 302 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	51.7	
CMV	20.7	40%
Intersection Related	11.7	23%
Crash Severity		
Fatal	2	4%
Injury	16.3	32%
No Injury	33.3	64%
Crash Factors		
Significant Driver Issues	21.3	41%
Fail to Stop/Yield ROW	5	10%
Speed	22	43%
Lane Departure	8	15%
Crash Orientation		
Single Vehicle	16.3	32%
Opposing	9	17%
Same Direction	20.7	40%

Ector County SH 302 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	44.7	
CMV	12	27%
Intersection Related	24.3	54%
Crash Severity		
Fatal	2.7	6%
Injury	13	29%
No Injury	28.7	64%
Crash Factors		
Significant Driver Issues	9	20%
Fail to Stop/Yield ROW	12.3	28%
Speed	17	38%
Lane Departure	8.3	19%
Crash Orientation		
Single Vehicle	15.3	34%
Opposing	5.7	13%
Same Direction	17.3	39%

Glasscock County SH 158 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	26	
CMV	12.3	47%
Intersection Related	5.0	19%
Crash Severity		
Fatal	1.7	6%
Injury	9	35%
No Injury	15.3	59%
Crash Factors		
Significant Driver Issues	4	15%
Fail to Stop/Yield ROW	4.7	18%
Speed	9	35%
Lane Departure	6	23%
Crash Orientation		
Single Vehicle	11.7	45%
Opposing	3.7	14%
Same Direction	6.7	26%

Midland County SH 158 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	84	
CMV	39	46%
Intersection Related	19.3	23%
Crash Severity		
Fatal	3.3	4%
Injury	23.7	28%
No Injury	57	68%
Crash Factors		
Significant Driver Issues	14.3	17%
Fail to Stop/Yield ROW	19.3	23%
Speed	37.3	44%
Lane Departure	20.7	25%
Crash Orientation		
Single Vehicle	38.3	46%
Opposing	9.7	12%
Same Direction	18.0	21%

Dawson County SH 137 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	26	
CMV	3	12%
Intersection Related	13.3	51%
Crash Severity		
Fatal	1	2600%
Injury	9.3	36%
No Injury	15.7	60%
Crash Factors		
Significant Driver Issues	9.3	36%
Fail to Stop/Yield ROW	6.3	24%
Speed	1.7	6%
Lane Departure	6.7	26%
Crash Orientation		
Single Vehicle	8.3	32%
Opposing	3	12%
Same Direction	9.7	37%

Martin County SH 137 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	30	
CMV	13	43%
Intersection Related	10.3	34%
Crash Severity		
Fatal	0.3	1%
Injury	13.3	44%
No Injury	6.3	21%
Crash Factors		
Significant Driver Issues	0.3	1%
Fail to Stop/Yield ROW	7	23%
Speed	10.3	34%
Lane Departure	8.3	28%
Crash Orientation		
Single Vehicle	14	47%
Opposing	4	13%
Same Direction	7	23%

Glasscock County SH 137 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	25.3	
CMV	16	63%
Intersection Related	16.3	64%
Crash Severity		
Fatal	1	4%
Injury	9.7	38%
No Injury	14.7	58%
Crash Factors		
Significant Driver Issues	2.7	11%
Fail to Stop/Yield ROW	12	47%
Speed	4.3	17%
Lane Departure	5	20%
Crash Orientation		
Single Vehicle	6	24%
Opposing	3	12%
Same Direction	4.3	17%

Reagan County SH 137 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	23.0	
CMV	8.7	38%
Intersection Related	6.3	28%
Crash Severity		
Fatal	0.3	1%
Injury	9.3	41%
No Injury	13.3	58%
Crash Factors		
Significant Driver Issues	9.0	39%
Fail to Stop/Yield ROW	3.0	13%
Speed	8.0	35%
Lane Departure	5.0	22%
Crash Orientation		
Single Vehicle	11.3	49%
Opposing	2.7	12%
Same Direction	6.7	29%

Ward County SH 18 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	55	
CMV	8.3	15%
Intersection Related	26.3	48%
Crash Severity		
Fatal	1.3	2%
Injury	15.3	28%
No Injury	38.3	70%
Crash Factors		
Significant Driver Issues	29	53%
Fail to Stop/Yield ROW	14.7	27%
Speed	14.7	27%
Lane Departure	13	24%
Crash Orientation		
Single Vehicle	14.3	26%
Opposing	6.3	11%
Same Direction	19.3	35%

Ector County SH 191 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	83	
CMV	3.7	4%
Intersection Related	33.7	41%
Crash Severity		
Fatal	0.3	1%
Injury	25	30%
No Injury	57.7	69%
Crash Factors		
Significant Driver Issues	15.7	19%
Fail to Stop/Yield ROW	12	14%
Speed	42.7	51%
Lane Departure	15.3	18%
Crash Orientation		
Single Vehicle	28.3	34%
Opposing	1	1%
Same Direction	46.3	56%

Midland County SH 191 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	82.3	
CMV	8.0	10%
Intersection Related	18.7	23%
Crash Severity		
Fatal	2.7	3%
Injury	26.0	32%
No Injury	53.7	65%
Crash Factors		
Significant Driver Issues	23.0	28%
Fail to Stop/Yield ROW	7	8%
Speed	35.3	43%
Lane Departure	15.7	19%
Crash Orientation		
Single Vehicle	26.3	32%
Opposing	1.7	2%
Same Direction	49.0	60%

Midland County Loop 250 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	486.7	
CMV	28.0	6%
Intersection Related	276.7	57%
Crash Severity		
Fatal	1.3	0%
Injury	116.3	24%
No Injury	369.0	76%
Crash Factors		
Significant Driver Issues	122.3	25%
Fail to Stop/Yield ROW	97	20%
Speed	124.3	26%
Lane Departure	81.3	17%
Crash Orientation		
Single Vehicle	55.3	11%
Opposing	10.7	2%
Same Direction	334.3	69%

Ector County Loop 338 Crash Data (3 Yr.)	3 Yr. Avg.	Percentage
Total Crashes	139	
CMV	18.7	13%
Intersection Related	80.3	58%
Crash Severity		
Fatal	4.3	3%
Injury	45.3	33%
No Injury	89.3	64%
Crash Factors		
Significant Driver Issues	33	24%
Fail to Stop/Yield ROW	45	32%
Speed	46	33%
Lane Departure	27	19%
Crash Orientation		
Single Vehicle	39.7	29%
Opposing	24	17%
Same Direction	37.7	27%