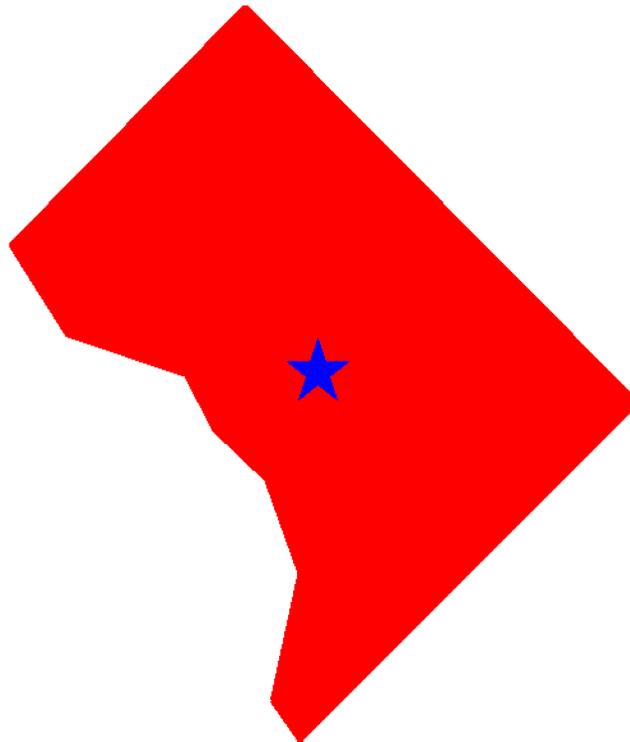




Traffic Safety Facts Dist of Columbia 2003-2007



This Report Contains Data From the Following Sources:

- Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2003-2006 Final File and 2007 Annual Report File (ARF)
- Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Dist of Columbia State Survey
- Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
- Population Data - U.S. Bureau of the Census



Table of Contents

3. Traffic Safety Performance Measures
4. Fatality Rates: Dist of Columbia, U.S. and Best State
5. Alcohol-Related Fatalities: Dist of Columbia, U.S. and Best State (Old Definition)
6. Alcohol-Impaired Driving Fatalities: Dist of Columbia, U.S. and Best State (New Definition)
7. Fatalities Per 100 Million VMT: Dist of Columbia, U.S.
7. Alcohol-Impaired Driving Fatalities Per 100 Million VMT: Dist of Columbia, U.S.
8. Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Rider (Operators) Involved in Fatal Crashes: Dist of Columbia, U.S. and Best State
9. Front Seat Passenger Vehicle Occupants, Aged 5 and Over, by Restraint Use: Fatalities and Observed Dist of Columbia, U.S. and Best State
10. Front Seat Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use: Dist of Columbia, U.S.
10. Front Seat Passenger Vehicle Occupants Observed, Aged 5 and Over, by Percent Restraint Use: Dist of Columbia, U.S.
11. Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates
11. Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates
12. Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates
13. Fatalities by Person Type
14. Fatalities by Crash Type
15. Motorcyclist Fatalities by Age
15. Motorcyclist Fatalities Per 100,000 Registered Motorcycles
16. Fatalities by Person Type and Race/Hispanic Origin
17. Top 10 Counties for Fatalities
18. Top 10 Counties for Fatalities: Year to Year Percent Change
19. Top 10 Counties for Fatality Rates
20. Motor Vehicle Crash Fatality Maps:
Total Fatalities, Alcohol-Impaired Driving Fatalities, Single Vehicle Crash Fatalities
21. Motor Vehicle Crash Fatality Maps:
Large Truck Crash Fatalities, Speeding Involved Fatalities, Roadway Departure Fatalities
22. Motor Vehicle Crash Fatality Maps:
Intersection Fatalities, Passenger Car Occupants, Light Truck and Van Occupants
23. Motor Vehicle Crash Fatality Maps:
Motorcyclist Fatalities, Pedestrian Fatalities, Pedestrian Fatalities



Traffic Safety Performance (Core Outcome) Measures For Dist of Columbia*

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Total Traffic Fatalities		67	43	48	37	44
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.87	1.15	1.29	1.02	
	Rural					
	Urban	1.87	1.15	1.29	1.02	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	41	21	22	18	21
	Restrained	13	7	8	10	8
	Unrestrained	17	6	13	6	7
	Unknown	11	8	1	2	6
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		25	13	19	13	15
Speeding-Related Fatalities		22	20	17	3	8
Motorcyclist Fatalities	Total	7	8	6	1	2
	Helmeted	5	4	6	1	1
	Unhelmeted	2	4	0	0	1
	Unknown	0	0	0	0	0
Drivers Involved in Fatal Crashes	Total	97	69	57	49	48
	Aged Under 15	2	1	0	0	1
	Aged 15-20	11	12	7	4	6
	Aged Under 21	13	13	7	4	7
	Aged 21 and Over	77	51	46	37	39
	Unknown Age	7	5	4	8	2
Pedestrian Fatalities		18	9	16	17	19

*These Performance Measures Were Developed By The National Highway Traffic Safety Administration (NHTSA) and the Governors Highway Safety Administration(GHSA) (See Publication: DOT HS 811 025)

**2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

***Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only

[Back To The Table of Contents](#)



Fatality Rates: Dist of Columbia, U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Dist of Columbia	67	3,588	1.87	577,467	11.60
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Dist of Columbia	43	3,742	1.15	579,621	7.42
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Dist of Columbia	48	3,713	1.29	582,049	8.25
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Dist of Columbia	37	3,623	1.02	585,459	6.32
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Dist of Columbia	44			588,292	7.48
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 National VMT is a Preliminary Estimate and Subject to Change

2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

[Back To The Table of Contents](#)



Fatalities By The Highest Blood Alcohol Concentration (BAC) in the Crash**:
 Dist of Columbia, U.S. and Best State
 (Old Definition)

Year		Total Fatalities in all Crashes	Highest BAC level in the Crash				
			BAC = .01+		BAC = .08+		Per 100 Million VMT
			Number	Percent	Number	Percent	
2003	Dist of Columbia	67	35	52	31	46	0.86
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Dist of Columbia	43	19	44	15	35	0.40
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Dist of Columbia	48	28	58	23	48	0.62
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Dist of Columbia	37	19	51	18	49	0.50
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Dist of Columbia	44	25	57	22	50	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States
 **Based on the BAC of All Involved Drivers, Motorcycle Riders (Operators), Pedalcyclists and Pedestrians
 2007 National VMT is a Preliminary Estimate and Subject to Change
 2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

[Back To The Table of Contents](#)



Alcohol-Impaired Driving Fatalities**:
Dist of Columbia, U.S. and Best State
(New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	Dist of Columbia	67	25	37	0.70
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Dist of Columbia	43	13	30	0.35
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Dist of Columbia	48	19	40	0.51
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Dist of Columbia	37	13	35	0.36
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Dist of Columbia	44	15	34	
	US	41,059	12,998	32	0.43
	Best State*			17	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only

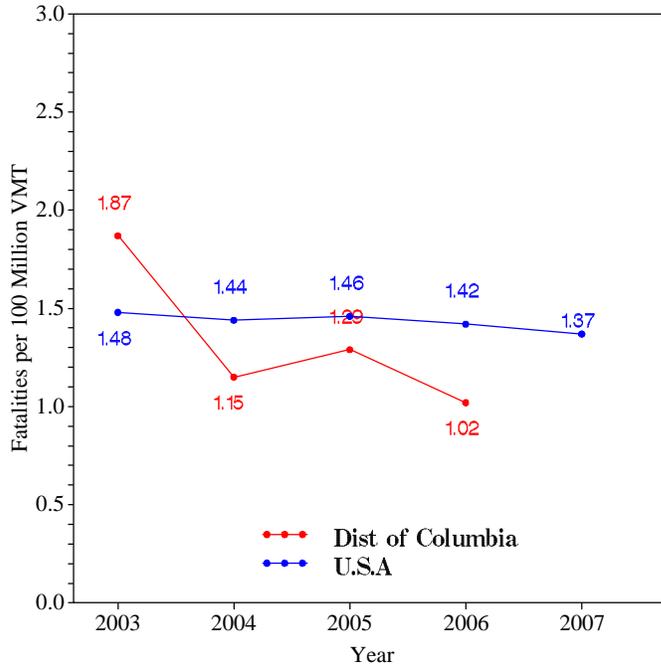
2007 National VMT is a Preliminary Estimate and Subject to Change

2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

[Back To The Table of Contents](#)

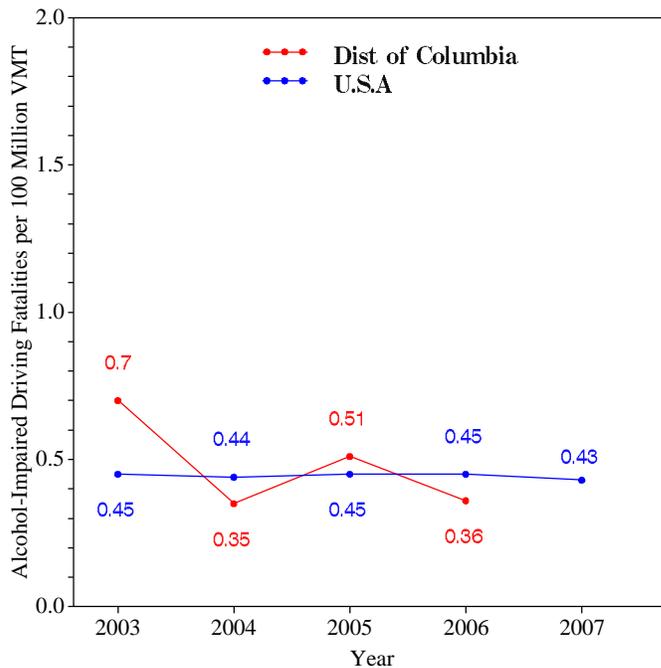


Fatalities per 100 Million VMT



[Back To The Table of Contents](#)

Alcohol-Impaired Driving Fatalities per 100 Million VMT



2007 National VMT is a Preliminary Estimate and Subject to Change
2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

[Back To The Table of Contents](#)



**Blood Alcohol Concentration (BAC) Reporting Rates
For Drivers/Motorcycle Riders (Operators)
Involved in Fatal Crashes:
Dist of Columbia, U.S. and Best State**

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Dist of Columbia	62	10	16	35	1	3	97	11	11
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Dist of Columbia	44	14	32	25	21	84	69	35	51
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Dist of Columbia	38	16	42	19	15	79	57	31	54
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Dist of Columbia	37	16	43	12	10	83	49	26	53
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Dist of Columbia	34	14	41	14	10	71	48	24	50
	US	29,201	6,765	23	26,480	16,991	64	55,681	23,756	43
	Best State*			82			96			84

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

[Back To The Table of Contents](#)



Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants, Aged 5 and Over, by Restraint Use: Fatalities and Observed Dist of Columbia, U.S. and Best State

Table with 4 columns: Year, Location, Fatalities - Restrained**, Observed - Restrained***. Rows include years 2003-2007 and locations Dist of Columbia, US, and Best State*.

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

**Percent Based Only Where Restraint Use Was Known

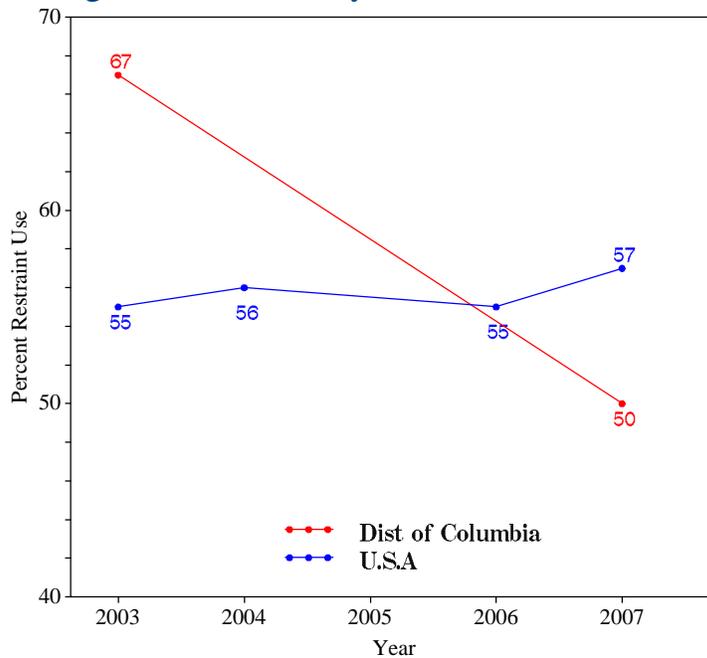
***USA Data: National Occupant Protection Use Survey. Dist of Columbia Data: State Survey

Note: The Purpose of this Table is to Compare (as closely as possible) the Use of Restraint Systems by Fatally Injured Occupants with Occupants in all Driving Situations

Back To The Table of Contents



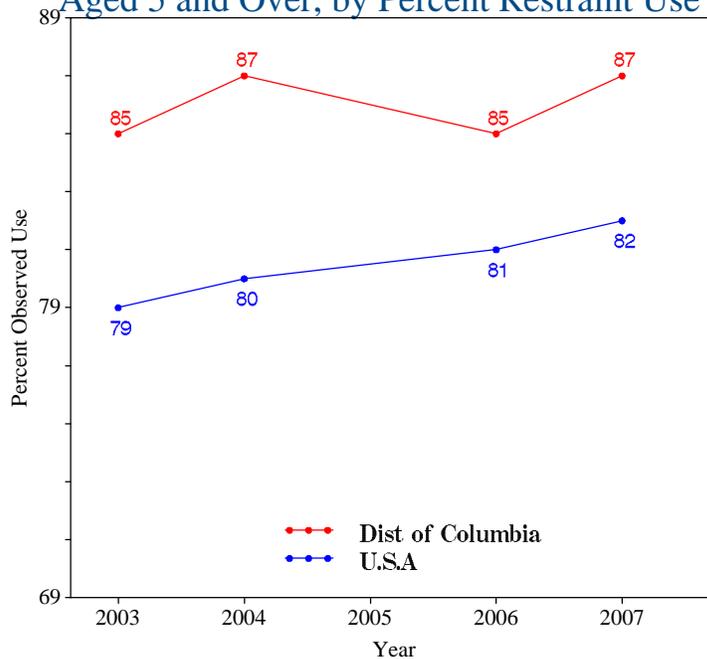
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*Percent Based Only Where Restraint Use Was Known

[Back To The Table of Contents](#)

Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants Observed, Aged 5 and Over, by Percent Restraint Use*



*USA Data: National Occupant Protection Use Survey. Dist of Columbia Data: State Survey

[Back To The Table of Contents](#)



Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Fatalities Aged 5 and Above					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	41	13	17	11	43	17	6
2004	20	7	5	8	58	11	3
2005	22	8	13	1	38	9	2
2006	18	10	6	2	63	11	2
2007	20	7	7	6	50	10	3

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates

[Back To The Table of Contents](#)

Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Fatalities Aged Under 5					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	0	0	0	0		0	0
2004	0	0	1	0	0	0	1
2005	0	0	0	0		0	0
2006	0	0	0	0		0	0
2007	1	1	0	0	100	1	

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Fatalities					Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Unknown Helmet Use	Percent Known Helmet*	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	7	5	2	0	71	3	1
2004	8	4	4	0	50	2	2
2005	6	6	0	0	100	4	0
2006	1	1	0	0	100	1	0
2007	2	1	1	0	50	1	0

*Percent Based Only Where Helmet Use Was Known

**Lives Saved Estimates

[Back To The Table of Contents](#)



Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	37	55	16	37	15	31	16	43	15	34
	Light Truck - Pickup	0	0	1	2	0	0	0	0	0	0
	Light Truck - Utility	3	4	3	7	4	8	0	0	6	14
	Light Truck - Van	1	1	1	2	3	6	2	5	0	0
	Bus	0	0	0	0	0	0	1	3	0	0
	Other/Unknown Occupants	1	1	2	5	1	2	0	0	0	0
	Total Occupants	42	63	23	53	23	48	19	51	21	48
Motorcyclists	Total Motorcyclists	7	10	8	19	6	13	1	3	2	5
Nonoccupants	Pedestrian	18	27	9	21	16	33	17	46	19	43
	Bicyclist and Other Cyclist	0	0	3	7	3	6	0	0	1	2
	Other/Unknown Nonoccupants	0	0	0	0	0	0	0	0	1	2
	Total Nonoccupants	18	27	12	28	19	40	17	46	21	48
Total	Total	67	100	43	100	48	100	37	100	44	100

*Sum of Percents May Not = 100 Due to Individual Cell Rounding

[Back To The Table of Contents](#)



Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)*	67	43	48	37	44
- (1) Single Vehicle	37	18	34	22	30
- (2) Involving a Large Truck	0	5	3	2	2
- (3) Involving Speeding	22	20	17	3	8
- (4) Involving a Rollover	3	2	12	1	5
- (5) Involving a Roadway Departure	28	10	16	7	9
- (6) Involving an Intersection (or Intersection Related)	34	21	19	23	24

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

*A Fatality Can Be in More Than One Category. Therefore Sum of the Individual Cells Will Not Equal the Total Due to Double Counting

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Age

Year	Age				Total
	<20	20-29	30-39	50-59	
2003	0	5	2	0	7
2004	2	4	2	0	8
2005	0	3	3	0	6
2006	0	0	0	1	1
2007	1	0	1	0	2

[Back To The Table of Contents](#)

Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	7	1,516	461.7
2004	8	1,601	499.7
2005	6	1,191	503.8
2006	1	1,372	72.89
2007	2		

*Data Source: FHWA

*2007 Motorcycle Registrations are Not Yet Available

[Back To The Table of Contents](#)



Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2003	2004	2005	2006
Occupants (All Vehicle Types)	Hispanic	5	2	3	0
	White Non-Hispanic	6	3	5	3
	Black, Non-Hispanic	35	26	19	14
	American Indian, Non-Hispanic/Unknown	0	0	1	0
	Asian, Non-Hispanic/Unknown	1	0	1	0
	All Other Non-Hispanic or Race	1	0	0	2
	Unknown Race and Unknown Hispanic	1	0	0	1
	Total	49	31	29	20
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	1	0	2	0
	White Non-Hispanic	2	2	4	1
	Black, Non-Hispanic	14	9	13	16
	American Indian, Non-Hispanic/Unknown	0	0	0	0
	Asian, Non-Hispanic/Unknown	0	1	0	0
	All Other Non-Hispanic or Race	1	0	0	0
	Unknown Race and Unknown Hispanic	0	0	0	0
Total	18	12	19	17	
Total	67	43	48	37	

2007 Race/Hispanic Origin Data is Not Yet Complete

[Back To The Table of Contents](#)



5 Year Trend For The Top 10 Counties of 2007 - Fatalities

Counties by 2007 Ranking		Fatalities					Percent of Total				
		2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
1	District of Columbia	67	43	48	37	44	100	100	100	100	100
Sub Total 1.*	Top Ten Counties	67	43	48	37	44	100	100	100	100	100
Total	All Counties	67	43	48	37	44	100	100	100	100	100

*This Sub Total is the Total for the Top Ten Counties

**This Sub Total is the Total for all Counties Outside the Top Ten

[Back To The Table of Contents](#)



5 Year Trend For The Top 10 Counties of 2007 - Fatalities Year to Year Percent Change

Counties by 2007 Ranking		Fatalities					Percent Change From Previous Year			
		2003	2004	2005	2006	2007	2004	2005	2006	2007
1	District of Columbia	67	43	48	37	44	-36	12	-23	19
Sub Total 1.*	Top Ten Counties	67	43	48	37	44	-36	12	-23	19
Total	All Counties	67	43	48	37	44	-36	12	-23	19

*This Sub Total is the Total for the Top Ten Counties

**This Sub Total is the Total for all Counties Outside the Top Ten

[Back To The Table of Contents](#)



5 Year Trend For The Top 10 Counties of 2007 - Fatality Rates

Median Rate for all U.S. Counties: 21.77

Counties by 2007 Ranking		Fatalities Per 100,000 Population				
		2003	2004	2005	2006	2007
1	District of Columbia	11.60	7.42	8.25	6.32	7.48
Sub Rate 1.*	Top Ten Counties	11.60	7.42	8.25	6.32	7.48
Total Rate	All Counties	11.60	7.42	8.25	6.32	7.48

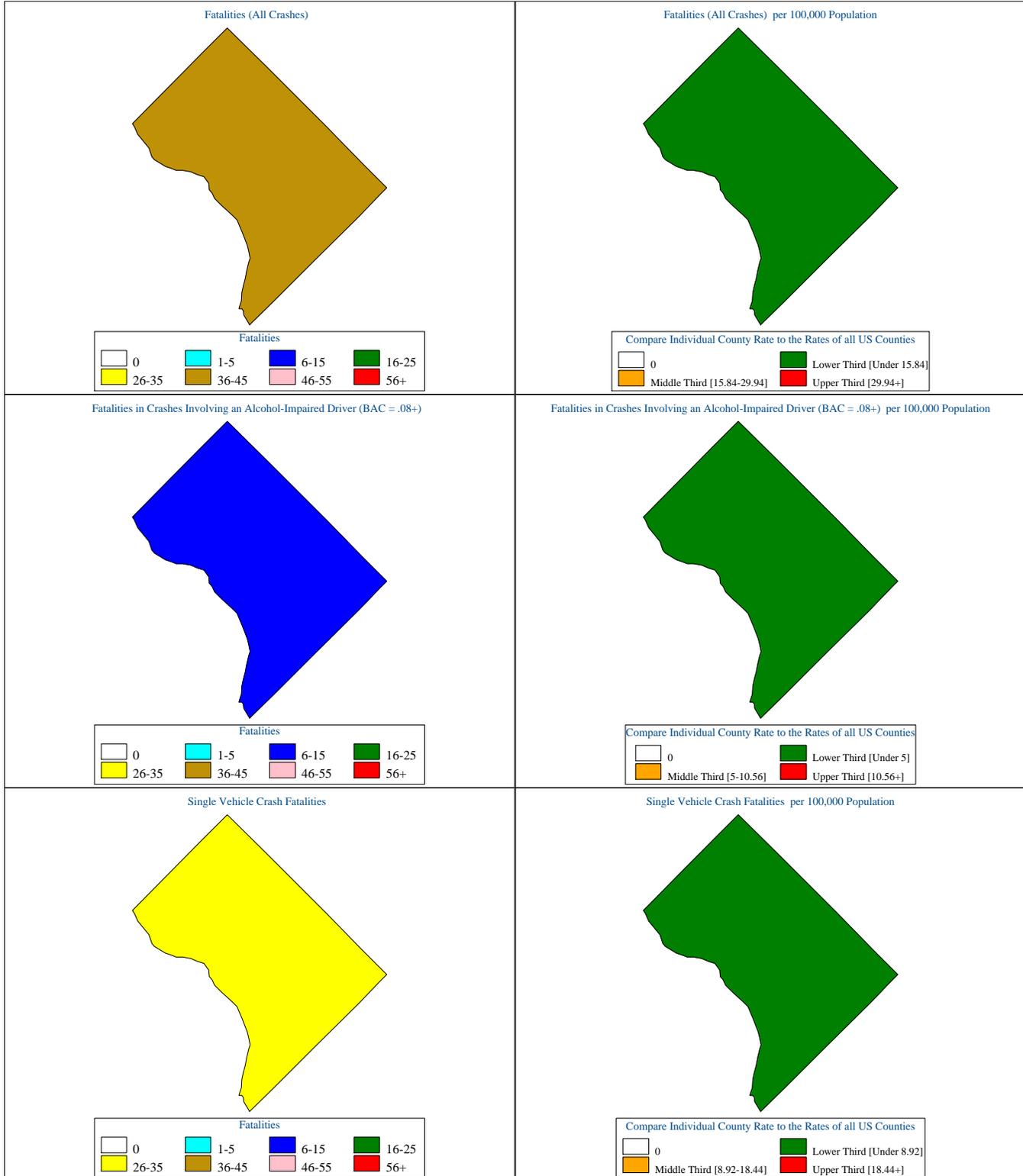
*This Sub Rate is the Rate for the Top Ten Counties

**This Sub Rate is the Rate for all Counties Outside the Top Ten

[Back To The Table of Contents](#)



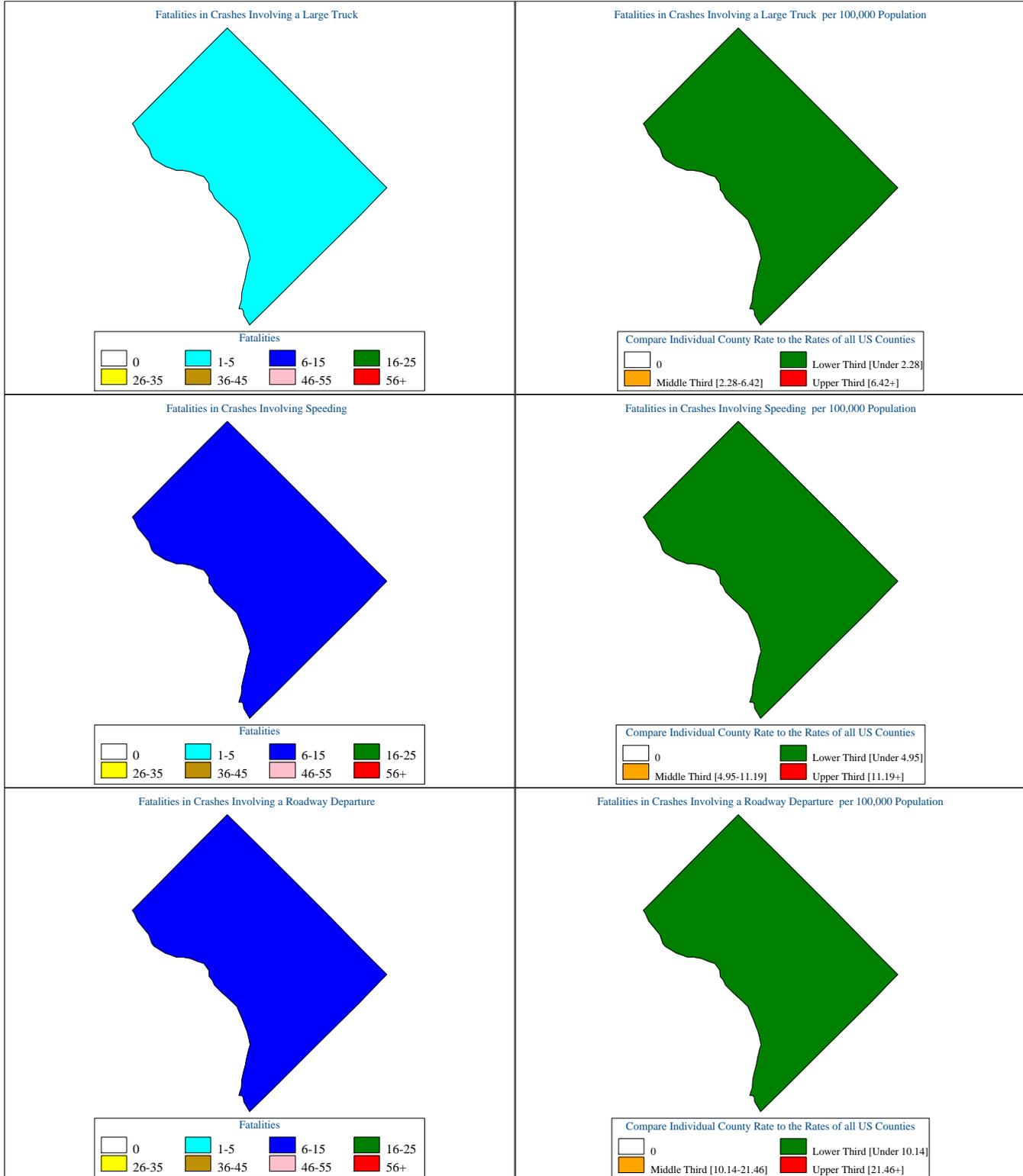
Dist of Columbia Motor Vehicle Crash Fatality Maps for 2007



[Back To The Table of Contents](#)



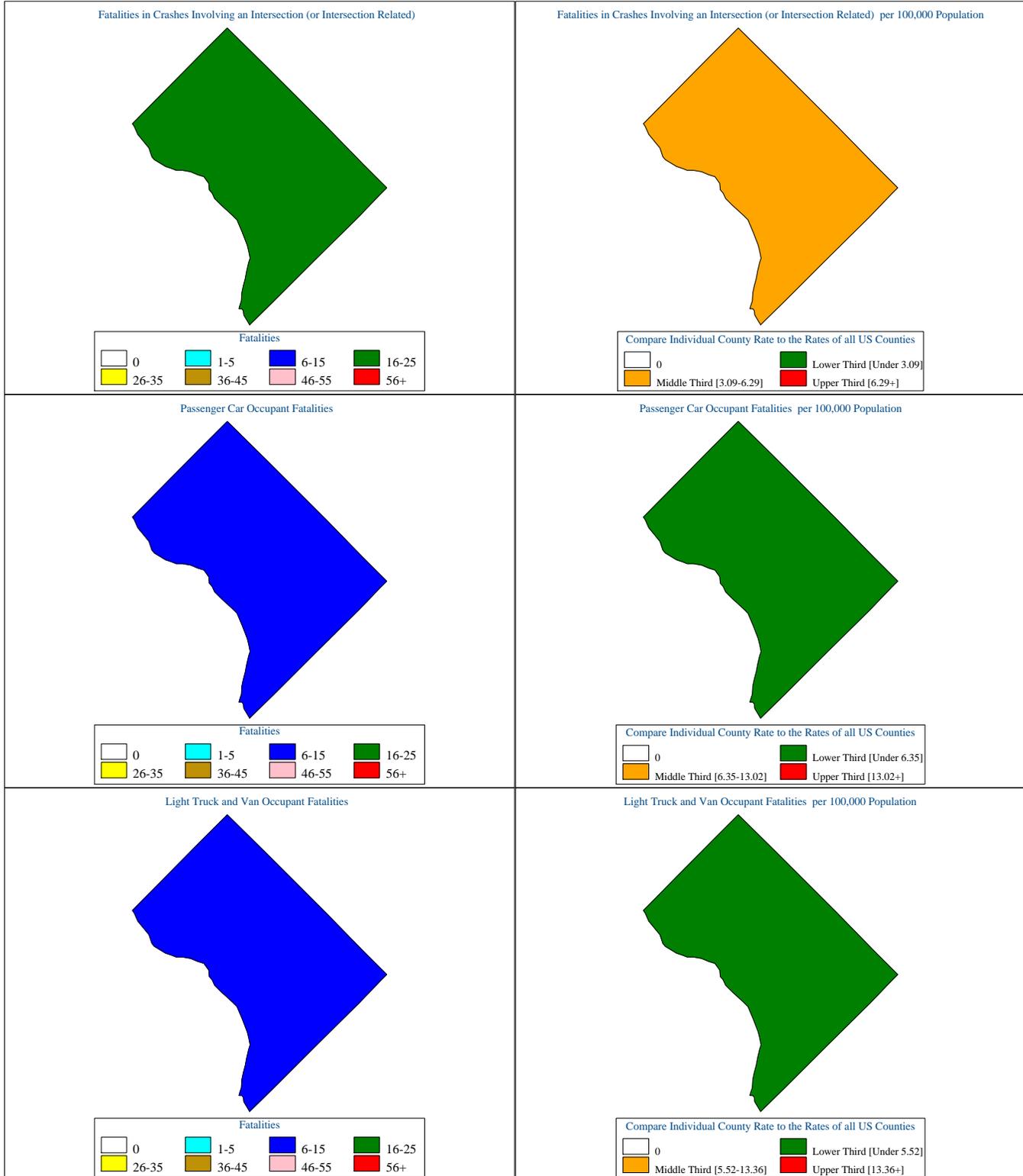
Dist of Columbia Motor Vehicle Crash Fatality Maps for 2007



[Back To The Table of Contents](#)



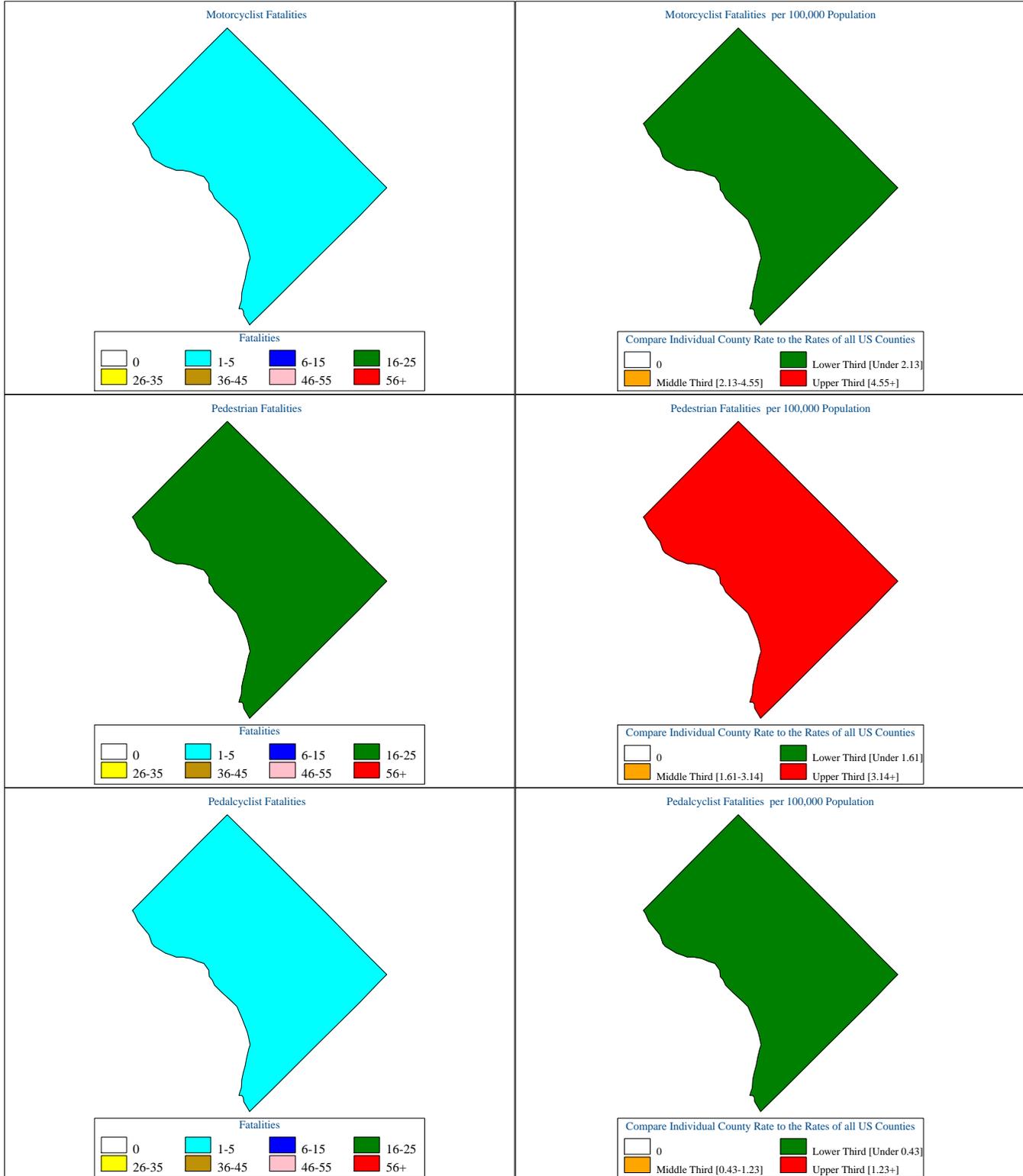
Dist of Columbia Motor Vehicle Crash Fatality Maps for 2007



[Back To The Table of Contents](#)



Dist of Columbia Motor Vehicle Crash Fatality Maps for 2007



[Back To The Table of Contents](#)