

RICHMOND COUNTY

TRAFFIC SAFETY DATA



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COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 2010-2012. Four summary reports provide detailed crash data for the three years 2010-2012. The four crash reports provide data for 1) all crashes, 2) alcohol-related crashes, 3) speed-related crashes, and 4) motorcycle crashes. Caution is advised in interpreting the data in cases where the numbers are very small.

For assistance in using the data in this document or to request additional information about New York's highway safety issues or highway safety grant opportunities for state and local governments or non-profit agencies, please contact

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SECTION 1

General Crash Summary Report

New York State Department of Motor Vehicles
Motor Vehicle Crashes
Richmond County

TABLE 1 Crash Summary Totals

Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	4,857	315,377	1.5	5,059	307,550	1.6	5,002	294,757	1.7
Fatal Crashes	24	1,119	2.1	12	1,077	1.1	20	1,082	1.8
Non-Fatal Personal Injury Crashes	2,859	134,151	2.1	3,002	128,036	2.3	2,978	123,296	2.4
Reportable Property Damage Crashes	1,974	180,107	1.1	2,045	178,437	1.1	2,004	170,379	1.2
Manner of Collision									
Single Vehicle Crashes	806	101,471	0.8	937	98,836	0.9	961	97,456	1.0
Multiple Vehicle Crashes	4,051	213,906	1.9	4,122	208,714	2.0	4,041	197,301	2.0
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	361	16,357	2.2	402	15,928	2.5	424	15,832	2.7
Bicycle/Motor Vehicle Crashes	54	6,276	0.9	66	6,076	1.1	56	6,137	0.9
Motorcycle Crashes	66	5,570	1.2	62	5,336	1.2	81	5,916	1.4
Fatalities									
Persons Killed (1)	25	1,192	2.1	12	1,153	1.0	21	1,163	1.8
Drivers Killed	6	646	0.9	4	597	0.7	9	612	1.5
Passengers Killed	7	198	3.5	5	203	2.5	3	194	1.5
Pedestrians Killed	11	311	3.5	3	296	1.0	8	312	2.6
Bicyclists Killed	1	36	2.8	0	57	0.0	1	45	2.2
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	4,177	187,566	2.2	4,306	177,445	2.4	4,140	169,206	2.4
Drivers Injured	2,506	112,104	2.2	2,539	106,335	2.4	2,448	101,605	2.4
Passengers Injured	1,242	52,421	2.4	1,289	48,677	2.6	1,205	45,532	2.6
Pedestrians Injured	348	16,090	2.2	393	15,689	2.5	416	15,607	2.7
Bicyclists Injured	50	6,058	0.8	65	5,883	1.1	53	5,929	0.9
Other	31	893	3.5	20	861	2.3	18	533	3.4

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Richmond County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2010	2011	2012
Crash Rates			
Crash Rate per 10,000 Population	103.62	107.53	106.26
Crash Rate per 10,000 Licensed Drivers	165.36	173.20	170.84
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	89.65	91.78	88.39
Fatality & Injury Rate per 10,000 Licensed Drivers	143.06	147.83	142.12

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	5,002	425	1,170	1,991	1,176	240
Sunday	533	94	75	212	121	31
Monday	688	49	181	275	158	25
Tuesday	740	32	187	295	187	39
Wednesday	711	43	177	286	169	36
Thursday	775	41	215	292	197	30
Friday	859	64	196	360	195	44
Saturday	696	102	139	271	149	35

TABLE 3(P) Police Investigating Agency						
	2010		2011		2012	
	#	%	#	%	#	%
Total	3,118	100.0	3,573	100.0	3,666	100.0
State Police	0	0.0	0	0.0	0	0.0
County Police	0	0.0	0	0.0	0	0.0
New York City (NYPD)	3,118	100.0	3,573	100.0	3,662	99.9
Municipal Police (non-NYC)	0	0.0	0	0.0	4	0.1
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Crashes**

Richmond County

TABLE 4 Jurisdictional Road System						
	2010		2011		2012	
Total	No roadway data are available.					
State Routes						
County Routes						
Town Routes						
Municipal Routes						
Parkways						
Thruway						
Other Interstates						
Unknown						

TABLE 5 Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	8,750	100.0	8,922	100.0	8,830	100.0
Male	4,804	54.9	4,823	54.1	4,871	55.2
Female	3,131	35.8	3,293	36.9	3,162	35.8
Unknown	815	9.3	806	9.0	797	9.0
Age						
Under Age 16	1	<0.1	1	<0.1	2	<0.1
Ages 16-20	766	8.8	753	8.4	671	7.6
Ages 21-29	1,632	18.7	1,696	19.0	1,700	19.3
Ages 30-39	1,441	16.5	1,539	17.2	1,490	16.9
Ages 40-49	1,589	18.2	1,567	17.6	1,586	18.0
Ages 50-59	1,289	14.7	1,308	14.7	1,270	14.4
Ages 60-69	714	8.2	730	8.2	787	8.9
Ages 70 and Over	441	5.0	462	5.2	477	5.4
Unknown Age	877	10.0	866	9.7	847	9.6

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Richmond County**

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	3,118		3,573		3,666	
Alcohol Involvement*	77	2.5	99	2.8	118	3.2
Backing Unsafely	41	1.3	66	1.8	84	2.3
Driver Inattention/Distraction	705	22.6	897	25.1	895	24.4
Driver Inexperience	124	4.0	147	4.1	188	5.1
Failure to Keep Right	32	1.0	22	0.6	37	1.0
Failure to Yield R.O.W.	261	8.4	350	9.8	415	11.3
Following Too Closely	407	13.1	397	11.1	531	14.5
Passing/Lane Violations	156	5.0	180	5.0	228	6.2
Traffic Control Disregarded	110	3.5	161	4.5	153	4.2
Turning Improperly	104	3.3	118	3.3	157	4.3
Unsafe Speed*	183	5.9	248	6.9	293	8.0

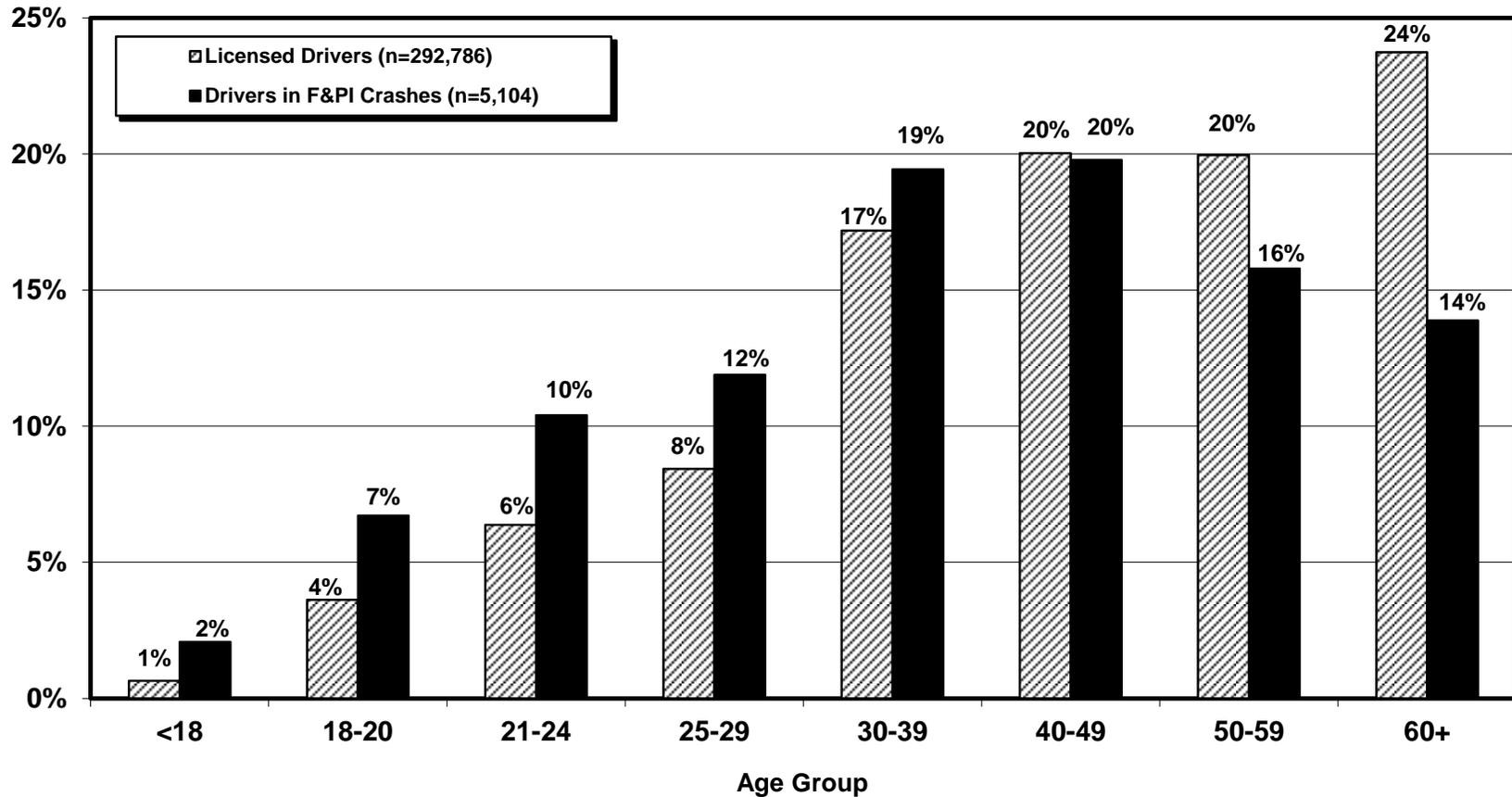
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data on the total number of alcohol-related crashes in the county, see the separate report titled, "Summary of Alcohol-Related Crashes." For data on the total number of speed-related crashes in the county, see the separate report titled, "Summary of Speed-Related Crashes."

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	4,318	100.0	461	4,161	100.0	478
Under Age 4	59	1.4	7	51	1.2	9
Ages 4-6	66	1.5	7	57	1.4	9
Ages 7-15	250	5.8	67	219	5.3	57
Ages 16-17	132	3.1	23	118	2.8	18
Ages 18-20	324	7.5	22	272	6.5	27
Ages 21-29	877	20.3	64	864	20.8	81
Ages 30-39	698	16.2	52	661	15.9	47
Ages 40-49	665	15.4	51	641	15.4	51
Ages 50-59	527	12.2	60	557	13.4	57
Ages 60-69	337	7.8	35	327	7.9	44
Ages 70 and Over	206	4.8	29	204	4.9	28
Unknown Age	177	4.1	44	190	4.6	50

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	3,101	100.0	3,373	100.0	3,175	100.0
No Restraint Used	158	5.1	205	6.1	183	5.8
Restraint Used	2,712	87.5	2,892	85.7	2,746	86.5
Unknown	231	7.4	276	8.2	246	7.7
Motorcyclists	60	100.0	52	100.0	81	100.0
No Helmet Used	13	21.7	6	11.5	17	21.0
Helmet Used	35	58.3	35	67.3	52	64.2
Unknown	12	20.0	11	21.2	12	14.8
Bicyclists	45	100.0	59	100.0	52	100.0
No Helmet Used	16	35.6	23	39.0	11	21.2
Helmet Used	7	15.6	5	8.5	6	11.5
Unknown	22	48.9	31	52.5	35	67.3

FIGURE 1
Richmond County 2012
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes
by Age Group



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury crashes. 311 drivers in fatal and personal injury crashes were excluded due to unknown age.

**New York State Department of Motor Vehicles
Motor Vehicle Crashes**

New York City

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County														
County	Pop.	%	Miles	%	Pop./ Mile	2010			2011			2012		
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured
Bronx	1,361,473	16.8	788.3	13.0	1727.1	9,156	11.6	13,739	7,296	9.3	10,811	7,565	9.6	11,081
Kings	2,508,820	31.0	1532.0	25.2	1637.6	17,511	11.4	25,669	16,173	10.6	23,137	14,855	9.7	20,555
New York	1,611,581	19.9	576.5	9.5	2795.5	8,994	15.6	11,816	9,343	16.2	12,090	8,806	15.3	11,290
Queens	2,255,175	27.8	2435.9	40.1	925.8	15,326	6.3	22,097	14,058	5.8	19,867	13,496	5.5	18,816
Richmond	477,377	5.9	740.8	12.2	644.4	2,883	3.9	4,202	3,014	4.1	4,318	2,998	4.0	4,161
New York City Total	8,214,426		6073.5		1352.5	53,870	8.9	77,523	49,884	8.2	70,223	47,720	7.9	65,903
New York State	19,227,088		113342.8		169.6	135,270	1.2	188,758	129,113	1.1	178,598	124,378	1.1	170,369

Source: US Census Bureau redistricting data, NYSDOT Highway Mileage report, and the NYSDMV AIS data base.

SECTION 2

Alcohol-Related Crash Summary Report

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Crashes**

Richmond County

TABLE 1(P) Alcohol-Related (A-R) Crashes									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	85	8,613	1.0	105	8,461	1.2	122	8,633	1.4
Fatal Crashes	7	327	2.1	4	330	1.2	7	325	2.2
Non-Fatal Personal Injury Crashes	58	4,445	1.3	78	4,298	1.8	83	4,471	1.9
Reportable Property Damage Crashes	20	3,841	0.5	23	3,833	0.6	32	3,837	0.8
Manner of Collision									
Single Vehicle Crashes	23	4,798	0.5	43	4,646	0.9	43	4,725	0.9
Multiple Vehicle Crashes	62	3,815	1.6	62	3,815	1.6	79	3,908	2.0
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	5	408	1.2	5	460	1.1	12	495	2.4
A-R Bicycle/Motor Vehicle Crashes	1	100	1.0	1	105	1.0	1	118	0.8
A-R Motorcycle Crashes	2	227	0.9	0	204	0.0	2	215	0.9
Fatalities									
Persons Killed (1)	8	354	2.3	4	362	1.1	7	358	2.0
Drivers Killed	3	206	1.5	1	185	0.5	3	188	1.6
<i>Drinking Drivers</i>	3	191	1.6	1	170	0.6	3	171	1.8
<i>Non-Drinking Drivers</i>	0	15	0.0	0	15	0.0	0	17	0.0
Passengers Killed	3	64	4.7	2	73	2.7	2	62	3.2
Pedestrians Killed	2	79	2.5	1	91	1.1	2	99	2.0
Bicyclists Killed	0	5	0.0	0	13	0.0	0	9	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	92	6,337	1.5	120	6,121	2.0	119	6,303	1.9
Drivers Injured	61	4,031	1.5	66	3,874	1.7	74	4,011	1.8
Passengers Injured	27	1,815	1.5	48	1,726	2.8	29	1,741	1.7
Pedestrians Injured	3	344	0.9	4	382	1.0	13	404	3.2
Bicyclists Injured	1	95	1.1	1	91	1.1	1	105	1.0
Other	0	52	0.0	1	48	2.1	2	42	4.8

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Crashes**

Richmond County

TABLE 2(P) Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	122	50	14	14	42	2
Sunday	22	13	2	1	6	0
Monday	13	5	1	4	2	1
Tuesday	9	1	0	1	7	0
Wednesday	10	3	1	1	5	0
Thursday	12	5	2	0	4	1
Friday	23	5	4	3	11	0
Saturday	33	18	4	4	7	0

TABLE 3(P) Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	133	100.0	148	100.0	187	100.0
Male	102	76.7	104	70.3	124	66.3
<i>Drinking Drivers</i>	65	48.9	76	51.4	85	45.5
<i>Non-Drinking Drivers</i>	37	27.8	28	18.9	39	20.9
Female	28	21.1	35	23.6	52	27.8
<i>Drinking Drivers</i>	14	10.5	19	12.8	26	13.9
<i>Non-Drinking Drivers</i>	14	10.5	16	10.8	26	13.9
Unknown	3	2.3	9	6.1	11	5.9
<i>Drinking Drivers</i>	1	0.8	3	2.0	1	0.5
<i>Non-Drinking Drivers</i>	2	1.5	6	4.1	10	5.3
Drinking Drivers	80	100.0	98	100.0	112	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	9	11.3	8	8.2	6	5.4
Ages 21-29	24	30.0	28	28.6	40	35.7
Ages 30-39	13	16.3	20	20.4	25	22.3
Ages 40-49	17	21.3	19	19.4	18	16.1
Ages 50-59	9	11.3	14	14.3	15	13.4
Age 60 and Over	7	8.8	5	5.1	7	6.3
Unknown Age	1	1.3	4	4.1	1	0.9
Non-Drinking Drivers	53	100.0	50	100.0	75	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	5.7	5	10.0	3	4.0
Ages 21-29	14	26.4	9	18.0	18	24.0
Ages 30-39	6	11.3	12	24.0	17	22.7
Ages 40-49	10	18.9	7	14.0	17	22.7
Ages 50-59	9	17.0	9	18.0	7	9.3
Age 60 and Over	8	15.1	2	4.0	3	4.0
Unknown Age	3	5.7	6	12.0	10	13.3

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Crashes
Richmond County**

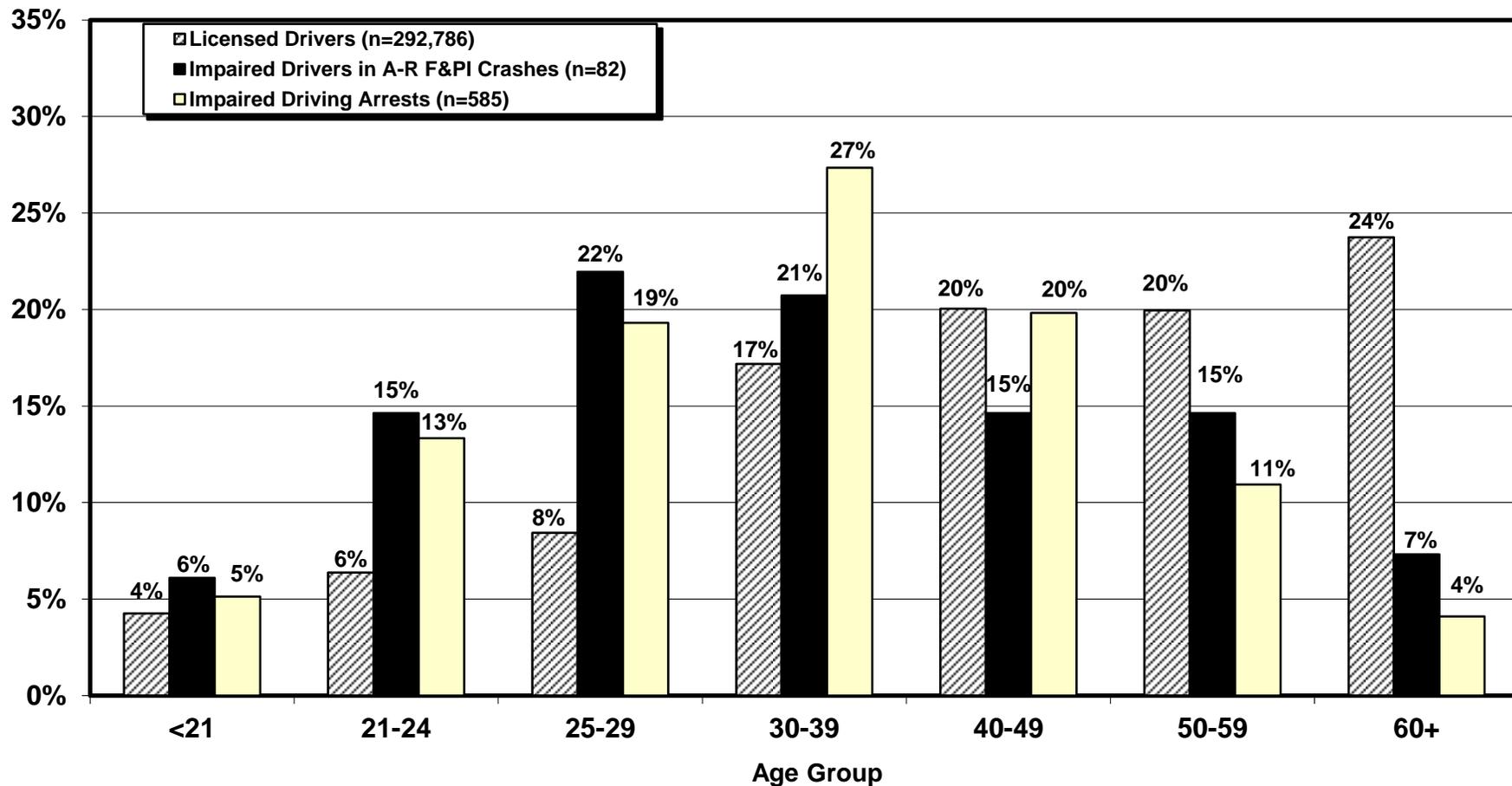
	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	85		105		122	
Driver Inattention/Distracted	5	5.9	9	8.6	11	9.0
Failure to Keep Right	2	2.4	0	0.0	1	0.8
Failure to Yield R.O.W.	1	1.2	5	4.8	5	4.1
Fell Asleep	2	2.4	2	1.9	0	0.0
Following Too Closely	2	2.4	0	0.0	3	2.5
Passing/Lane Violations	2	2.4	1	1.0	3	2.5
Traffic Control Disregarded	2	2.4	2	1.9	6	4.9
Unsafe Speed	10	11.8	9	8.6	22	18.0

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	124	100.0	6	126	100.0	16
Under Age 4	3	2.4	0	1	0.8	0
Ages 4-6	2	1.6	0	1	0.8	1
Ages 7-15	4	3.2	0	1	0.8	0
Ages 16-17	2	1.6	0	0	0.0	0
Ages 18-20	17	13.7	0	8	6.3	0
Ages 21-29	32	25.8	3	30	23.8	1
Ages 30-39	21	16.9	0	28	22.2	4
Ages 40-49	23	18.5	2	23	18.3	3
Ages 50-59	11	8.9	0	21	16.7	5
Ages 60-69	3	2.4	1	8	6.3	1
Ages 70 and Over	0	0.0	0	2	1.6	0
Unknown Age	6	4.8	0	3	2.4	1

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	92	100.0	117	100.0	106	100.0
No Restraint Used	9	9.8	18	15.4	16	15.1
Restraint Used	75	81.5	91	77.8	76	71.7
Unknown	8	8.7	8	6.8	14	13.2
Motorcyclists	2	100.0	0	0.0	2	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	0	0.0	2	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	1	100.0	1	100.0	1	100.0
No Helmet Used	1	100.0	0	0.0	1	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	1	100.0	0	0.0

FIGURE 1
Richmond County 2012
Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested by the NYPD for Impaired Driving by Age Group



Note: In interpreting these data, any age group with a greater percentage of impaired drivers involved in A-R fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury crashes. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

SECTION 3

Speed-Related Crash Summary Report

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Crashes**

Richmond County

TABLE 1(P) Speed-Related (S-R) Crashes									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	183	28,168	0.6	248	28,147	0.9	293	26,630	1.1
Fatal Crashes	3	289	1.0	4	284	1.4	7	310	2.3
Non-Fatal Personal Injury Crashes	140	12,846	1.1	191	12,838	1.5	217	12,216	1.8
Reportable Property Damage Crashes	40	15,033	0.3	53	15,025	0.4	69	14,104	0.5
Manner of Collision									
Single Vehicle Crashes	44	16,991	0.3	63	16,379	0.4	73	15,812	0.5
Multiple Vehicle Crashes	139	11,177	1.2	185	11,768	1.6	220	10,818	2.0
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	8	411	1.9	14	488	2.9	22	465	4.7
S-R Bicycle/Motor Vehicle Crashes	0	130	0.0	0	133	0.0	2	113	1.8
S-R Motorcycle Crashes	5	846	0.6	6	808	0.7	7	876	0.8
Fatalities									
Persons Killed (1)	4	319	1.3	4	319	1.3	8	348	2.3
Drivers Killed	1	231	0.4	2	211	0.9	6	242	2.5
<i>Speeding Drivers</i>	1	220	0.5	2	195	1.0	5	215	2.3
<i>Non-Speeding Drivers</i>	0	11	0.0	0	16	0.0	1	27	3.7
Passengers Killed	3	70	4.3	2	91	2.2	1	77	1.3
Pedestrians Killed	0	16	0.0	0	17	0.0	1	27	3.7
Bicyclists Killed	0	2	0.0	0	0	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	251	18,910	1.3	324	18,843	1.7	352	17,999	2.0
Drivers Injured	154	12,556	1.2	192	12,382	1.6	212	11,899	1.8
Passengers Injured	88	5,723	1.5	113	5,730	2.0	113	5,480	2.1
Pedestrians Injured	8	422	1.9	15	514	2.9	24	462	5.2
Bicyclists Injured	0	128	0.0	0	130	0.0	2	114	1.8
Other	1	81	1.2	4	87	4.6	1	44	2.3

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Crashes
Richmond County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	293	59	45	92	95	2
Sunday	29	9	4	8	8	0
Monday	40	4	8	16	11	1
Tuesday	41	3	7	13	17	1
Wednesday	32	7	2	12	11	0
Thursday	42	8	6	15	13	0
Friday	50	8	13	15	14	0
Saturday	59	20	5	13	21	0

	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	322	100.0	424	100.0	525	100.0
Male	210	65.2	269	63.4	339	64.6
<i>Speeding Drivers</i>	126	39.1	165	38.9	186	35.4
<i>Non-Speeding Drivers</i>	84	26.1	104	24.5	153	29.1
Female	94	29.2	122	28.8	145	27.6
<i>Speeding Drivers</i>	46	14.3	47	11.1	65	12.4
<i>Non-Speeding Drivers</i>	48	14.9	75	17.7	80	15.2
Unknown	18	5.6	33	7.8	41	7.8
<i>Speeding Drivers</i>	12	3.7	27	6.4	27	5.1
<i>Non-Speeding Drivers</i>	6	1.9	6	1.4	14	2.7
Speeding Drivers	184	100.0	239	100.0	278	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	32	17.4	38	15.9	45	16.2
Ages 21-29	66	35.9	83	34.7	79	28.4
Ages 30-39	32	17.4	25	10.5	52	18.7
Ages 40-49	17	9.2	28	11.7	39	14.0
Ages 50-59	13	7.1	26	10.9	21	7.6
Age 60 and Over	12	6.5	10	4.2	15	5.4
Unknown Age	12	6.5	29	12.1	27	9.7
Non-Speeding Drivers	138	100.0	185	100.0	247	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	5.1	23	12.4	23	9.3
Ages 21-29	35	25.4	29	15.7	39	15.8
Ages 30-39	25	18.1	35	18.9	52	21.1
Ages 40-49	27	19.6	39	21.1	50	20.2
Ages 50-59	21	15.2	32	17.3	41	16.6
Age 60 and Over	17	12.3	21	11.4	27	10.9
Unknown Age	6	4.3	6	3.2	15	6.1

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Crashes
Richmond County**

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	183		248		293	
Alcohol Involvement	8	4.4	9	3.6	20	6.8
Driver Inattention/Distraction	32	17.5	33	13.3	44	15.0
Driver Inexperience	12	6.6	18	7.3	19	6.5
Failure to Keep Right	1	0.5	3	1.2	7	2.4
Failure to Yield R.O.W.	11	6.0	18	7.3	20	6.8
Following Too Closely	22	12.0	24	9.7	44	15.0
Passing/Lane Violations	17	9.3	14	5.6	12	4.1
Traffic Control Disregarded	10	5.5	17	6.9	11	3.8

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	328	100.0	15	360	100.0	27
Under Age 4	1	0.3	0	2	0.6	0
Ages 4-6	5	1.5	1	4	1.1	1
Ages 7-15	13	4.0	2	16	4.4	2
Ages 16-17	14	4.3	1	15	4.2	1
Ages 18-20	38	11.6	0	42	11.7	2
Ages 21-29	104	31.7	1	82	22.8	3
Ages 30-39	50	15.2	2	66	18.3	3
Ages 40-49	41	12.5	2	51	14.2	6
Ages 50-59	32	9.8	3	38	10.6	2
Ages 60-69	13	4.0	0	20	5.6	1
Ages 70 and Over	7	2.1	1	12	3.3	1
Unknown Age	10	3.0	2	12	3.3	5

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	241	100.0	302	100.0	325	100.0
No Restraint Used	25	10.4	39	12.9	25	7.7
Restraint Used	202	83.8	241	79.8	270	83.1
Unknown	14	5.8	22	7.3	30	9.2
Motorcyclists	5	100.0	7	100.0	7	100.0
No Helmet Used	0	0.0	2	28.6	2	28.6
Helmet Used	4	80.0	3	42.9	5	71.4
Unknown	1	20.0	2	28.6	0	0.0
Bicyclists	0	0.0	0	0.0	2	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	2	100.0

SECTION 4

Motorcycle Crash Summary Report

**New York State Department of Motor Vehicles
Motorcycle Crashes**

Richmond County

TABLE 1 Crash Summary Totals

Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	66	5,570	1.2	62	5,336	1.2	81	5,916	1.4
Fatal Crashes	3	180	1.7	1	168	0.6	2	164	1.2
Non-Fatal Personal Injury Crashes	59	4,757	1.2	56	4,550	1.2	75	5,052	1.5
Reportable Property Damage Crashes	4	633	0.6	5	618	0.8	4	700	0.6
Manner of Collision									
Single Motorcycle Crashes	13	2,426	0.5	26	2,408	1.1	23	2,564	0.9
Multiple Vehicle Crashes	53	3,144	1.7	36	2,928	1.2	58	3,352	1.7
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	1	79	1.3	0	64	0.0	1	89	1.1
Motorcycle/Bicycle Crashes	1	28	3.6	3	27	11.1	0	38	0.0
Fatalities									
Persons Killed (1)	3	185	1.6	1	171	0.6	2	173	1.2
Drivers Killed	3	173	1.7	1	162	0.6	2	155	1.3
<i>Motorcycle Operators</i>	2	172	1.2	1	162	0.6	2	154	1.3
<i>Non-Motorcycle Drivers</i>	1	1	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	11	0.0	0	6	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	0	11	0.0	0	6	0.0	0	10	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	1	0.0	0	3	0.0	0	6	0.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	66	5,468	1.2	62	5,180	1.2	88	5,820	1.5
Drivers Injured	59	4,819	1.2	54	4,604	1.2	74	5,129	1.4
Passengers Injured	5	520	1.0	5	485	1.0	13	562	2.3
Pedestrians Injured	1	85	1.2	0	59	0.0	1	88	1.1
Bicyclists Injured	1	27	3.7	3	22	13.6	0	31	0.0
Other	0	17	0.0	0	10	0.0	0	10	0.0

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Motorcycle Crashes
Richmond County**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	81	7	13	29	31	1
Sunday	10	1	0	5	4	0
Monday	9	2	1	3	3	0
Tuesday	10	0	1	5	3	1
Wednesday	16	1	4	3	8	0
Thursday	8	1	1	3	3	0
Friday	12	1	3	3	5	0
Saturday	16	1	3	7	5	0

	2010		2011		2012	
	#	%	#	%	#	%
Total MC Operators	65	100.0	62	100.0	81	100.0
Male	61	93.8	61	98.4	76	93.8
Female	3	4.6	1	1.6	5	6.2
Unknown	1	1.5	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	4.6	3	4.8	6	7.4
Ages 21-29	21	32.3	21	33.9	26	32.1
Ages 30-39	16	24.6	16	25.8	19	23.5
Ages 40-49	15	23.1	10	16.1	10	12.3
Ages 50-59	9	13.8	10	16.1	11	13.6
Ages 60 and Over	0	0.0	2	3.2	9	11.1
Unknown Age	1	1.5	0	0.0	0	0.0

	2010		2011		2012	
	#	%	#	%	#	%
Total MC Crashes	59		53		74	
Alcohol Involvement	1	1.7	0	0.0	1	1.4
Driver Inattention/Distraction	7	11.9	8	15.1	15	20.3
Driver Inexperience	4	6.8	5	9.4	8	10.8
Failure to Keep Right	0	0.0	1	1.9	0	0.0
Failure to Yield R.O.W.	10	16.9	7	13.2	8	10.8
Following Too Closely	4	6.8	2	3.8	6	8.1
Passing/Lane Violations	7	11.9	3	5.7	7	9.5
Traffic Control Disregarded	0	0.0	3	5.7	2	2.7
Turning Improperly	5	8.5	4	7.5	4	5.4
Unsafe Speed	5	8.5	6	11.3	7	9.5

Note: Many crashes have multiple factors reported. Caution is advised due to the small numbers.

**New York State Department of Motor Vehicles
Motorcycle Crashes
Richmond County**

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2010		2011		2012	
	#	%	#	%	#	%
Age Group	64	100.0	56	100.0	85	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	0	0.0	0	0.0	0	0.0
Ages 16-17	1	1.6	0	0.0	1	1.2
Ages 18-20	3	4.7	3	5.4	6	7.1
Ages 21-29	21	32.8	18	32.1	28	32.9
Ages 30-39	17	26.6	16	28.6	20	23.5
Ages 40-49	13	20.3	7	12.5	12	14.1
Ages 50-59	8	12.5	10	17.9	10	11.8
Ages 60-69	0	0.0	2	3.6	6	7.1
Ages 70 and Over	0	0.0	0	0.0	1	1.2
Unknown Age	1	1.6	0	0.0	1	1.2

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2010		2011		2012	
	#	%	#	%	#	%
Motorcyclists	60	100.0	52	100.0	81	100.0
No Helmet Used	13	21.7	6	11.5	17	21.0
Helmet Used	35	58.3	35	67.3	52	64.2
Unknown	12	20.0	11	21.2	12	14.8

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2008	5,430	1.7	10,550	1.7
2009	5,552	1.7	11,069	1.7
2010	5,564	1.6	11,331	1.7
2011	5,491	1.6	11,529	1.7
2012	5,412	1.6	11,894	1.7

SECTION 5

Ticket Data

RICHMOND COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2010	2011	2012
TOTAL TICKETS ISSUED	79,664	63,814	58,522
SPEED (V&T 1180)	14,047	13,045	11,947
% of total tickets	17.6%	20.4%	20.4%
% convicted on same charge (of adjudicated cases)	92.5%	96.1%	96.7%
SAFETY RESTRAINTS (V&T 1229c)	7,900	6,113	5,474
% of total tickets	9.9%	9.6%	9.4%
% convicted on same charge (of adjudicated cases)	95.7%	96.9%	97.1%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	779	581	665
IMPAIRED DRIVING (V&T 1192)			
Persons Arrested for Impaired Driving	483	633	585
Case adjudicated	No information is available on the		
Case pending	adjudication of impaired driving arrests.		
Adjudicated Cases*			
Convicted on original 1192 charge			
Convicted on other 1192 charge			
Convicted on non-1192 charge			
Dismissed/Acquitted/Convicted on charge associated with different event			

Source: NYSDMV Administrative Adjudication System (speed & seat belts) and the NYPD (impaired driving).

RICHMOND COUNTY

Probation Data for V&T 1192 and 511 Convictions

	2010	2011	2012
Number of Persons Sentenced to Probation	52	40	42
Number of Persons on Probation	205	168	174

Source: NYS Division of Probation and Correctional Alternatives.

RICHMOND COUNTY

Tickets Issued for Selected Violations by Agency Type

New York City Police Department has responsibility for all enforcement activities in this county.

RICHMOND COUNTY

Tickets Issued for Selected Violations by Enforcement Agency

New York City Police Department has responsibility for all enforcement activities in this county.

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