



**2015**

**Annual Report  
Office of the  
Chief Medical Examiner**

**State of Maryland**

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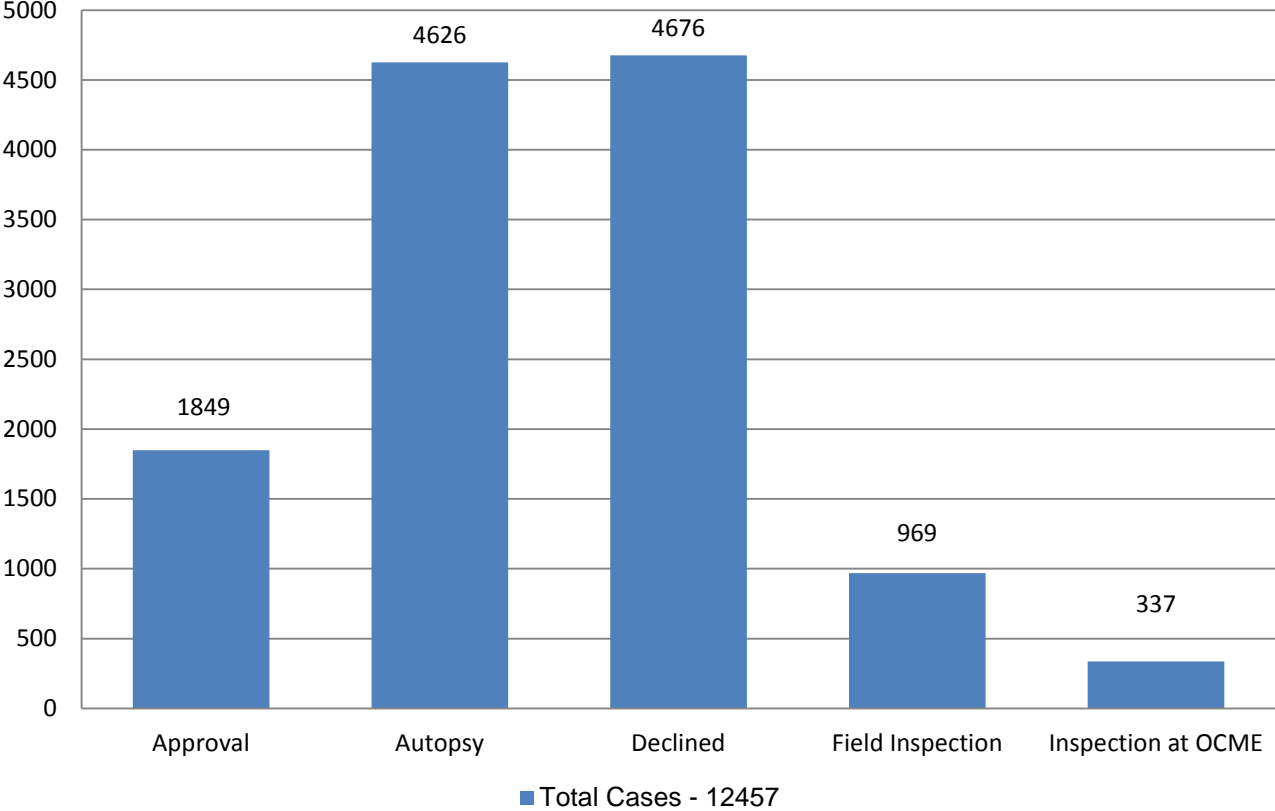
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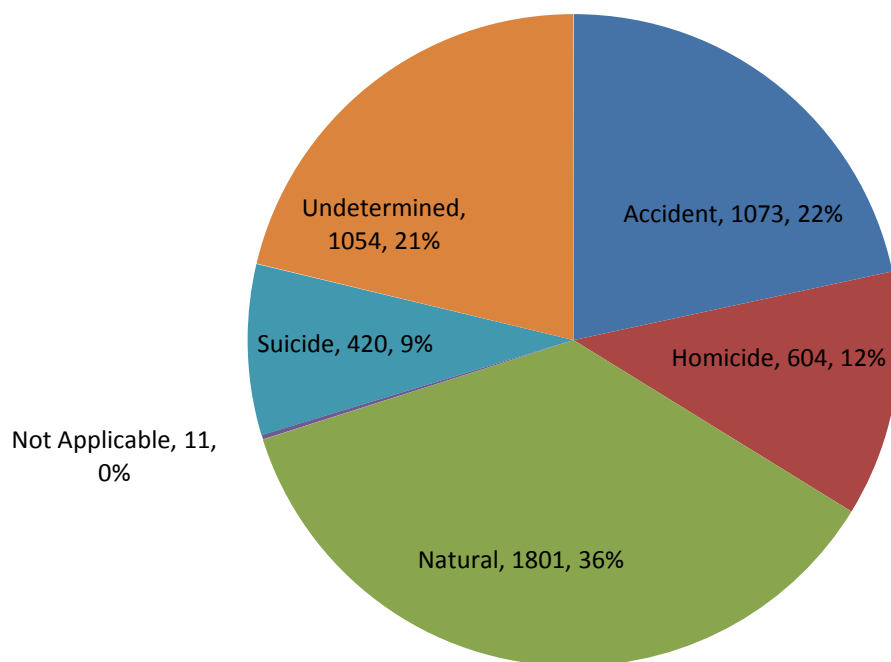
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- Drug Classifications.....28

### 2015 Cases Reported to OCME - Action Taken



## 2015 Medical Examiner Cases Autopsied\*

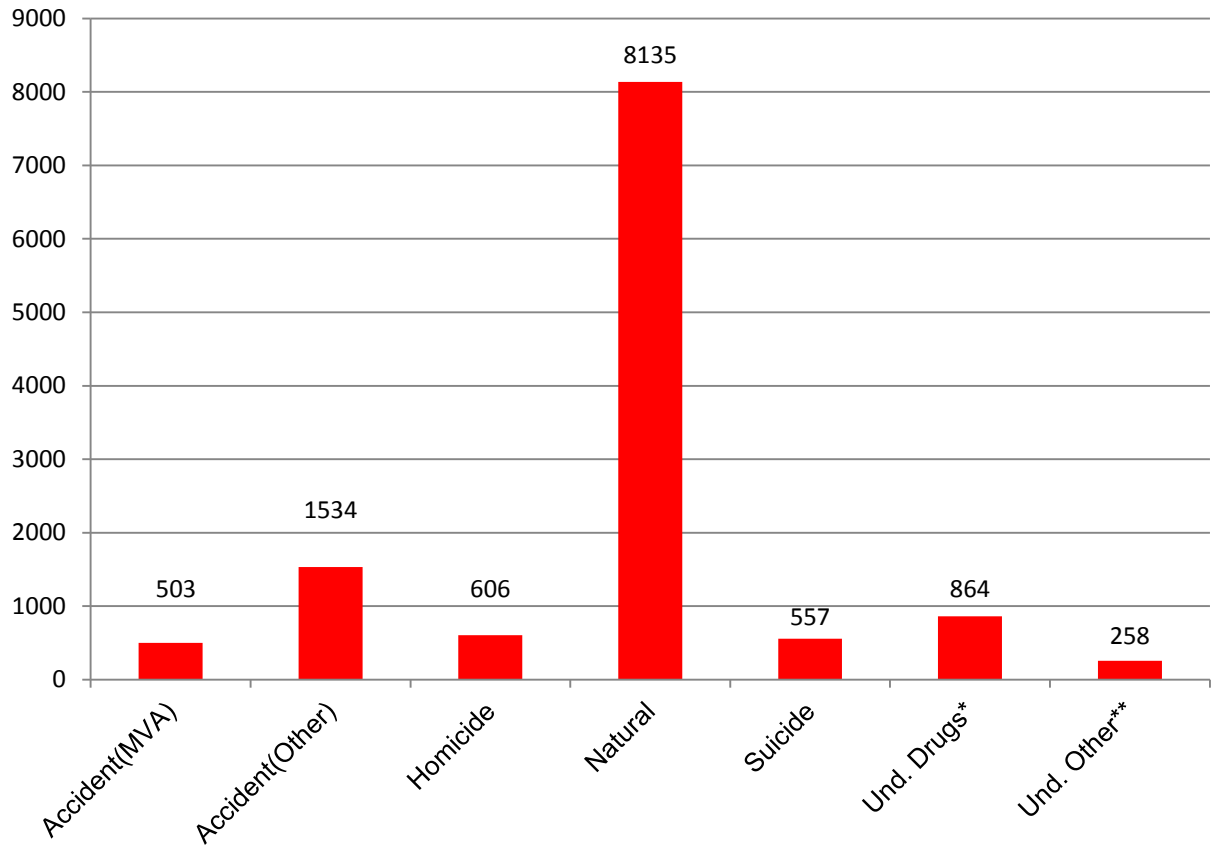


Total Cases Autopsied - 4963

\*Eleven cases were classified as “not applicable” (e.g. stillborn & non-human remains).

\*\*Two homicides were not autopsied.

## 2015 Cases Reported to OCME Manner of Death



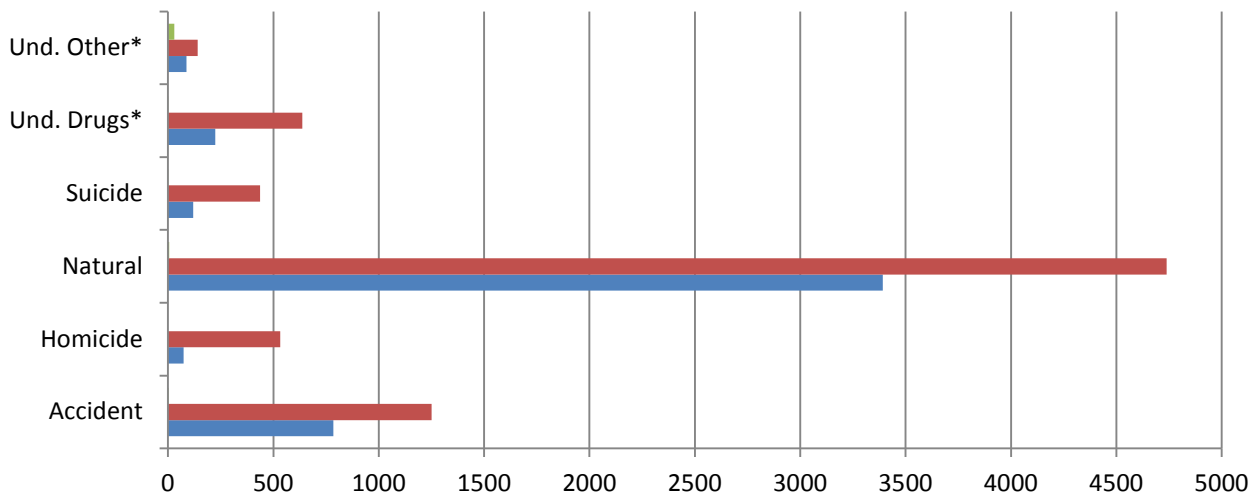
\*Undetermined Manner: Drugs/Narcotics

\*\* Undetermined Manner: Other

Total Cases – 12,457

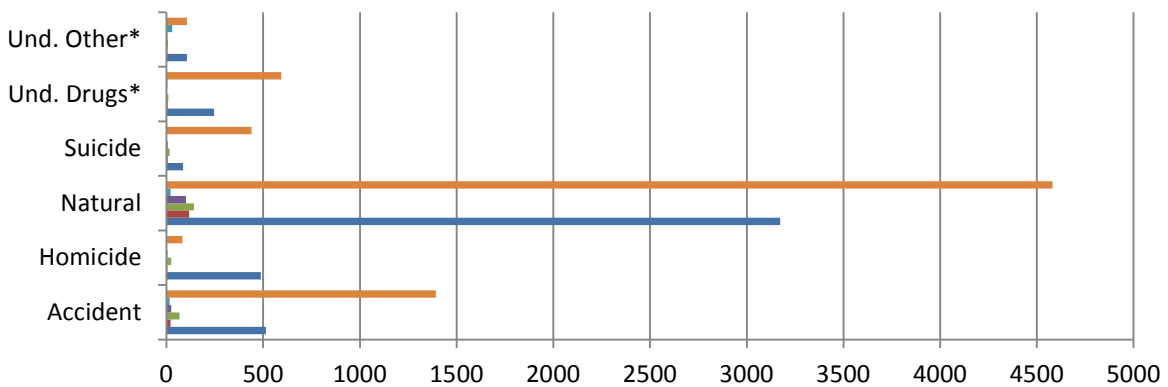
# 2015 Manner of Death

## Classified by Sex



	Accident	Homicide	Natural	Suicide	Und. Drugs*	Und. Other*
Unknown	2		5	1	1	30
Male	1250	532	4738	437	638	141
Female	785	74	3392	119	225	87

## Classified by Race



	Accident	Homicide	Natural	Suicide	Und. Drugs*	Und. Other*
White	1393	82	4581	440	594	106
Unknown	16	2	21	2	4	30
Other	24	5	100	6	3	5
Hispanic	67	25	142	16	9	8
Asian	22	5	118	7	7	4
African American	515	487	3173	86	247	105

\*Undetermined Manner: Drugs/Narcotics

\*\* Undetermined Manner: Other

## Manner of Death

Cause of Death	Accident	Homicide	Natural	Not Applicable	Suicide	Undetermined	Total
<b>Asphyxiation</b>	<b>86</b>	<b>15</b>	<b>5</b>		<b>118</b>	<b>18</b>	<b>242</b>
Airway obstruction/Aspirated stomach content	6		5			1	12
Drowning	55	1			8	13	77
Hanging	1				98	1	100
Smoke inhalation	9				1	1	11
Strangulation/Asphyxiation	15	14			11	2	42
<b>Chemical/Drug/Alcohol Intoxication/Abuse/Use</b>	<b>320</b>	<b>1</b>	<b>75</b>		<b>69</b>	<b>905</b>	<b>1370</b>
Alcohol abuse/use	4		60			2	66
Alcohol and drug intoxication/use	8				4	9	21
Alcohol intoxication/use	21					2	23
Carbon monoxide	11				8	1	20
Cocaine and alcohol intoxication/use	1					1	2
Cocaine intoxication/use	16		7			18	41
Drug intoxication/abuse/use	41	1	4		31	72	149
Narcotic abuse/use			2				2
Narcotic and alcohol intoxication/use	44				5	195	244
Narcotic intoxication/use	174		2		21	605	802
<b>Circulatory system</b>	<b>13</b>	<b>1</b>	<b>1365</b>			<b>10</b>	<b>1389</b>
Aneurysm			4				4
Cardiac arrhythmia	2		70			3	75
Cardiomyopathy			24				24
Cardiovascular disease	8		1088			4	1100
Cerebrovascular disease			24			2	26
Hemorrhage	1		19			1	21
Other cardiac		1	83				84
Pulmonary embolism	2		53				55
<b>Congenital / Perinatal</b>			<b>12</b>	<b>6</b>		<b>47</b>	<b>65</b>
Congenital/Perinatal			3	6			9
Sudden Infant Death Syndrome			9				9
Sudden Unexplained Death in Infancy (SUDI)						47	47
<b>Digestive system disease</b>			<b>50</b>			<b>1</b>	<b>51</b>
Cirrhosis			11			1	12
Gastrointestinal hemorrhage			32				32
Liver Disease			4				4
Other digestive			3				3
<b>Electrocution</b>	<b>3</b>						<b>3</b>
Electrocution	3						3
<b>Endocrine and metabolic disease</b>			<b>48</b>				<b>48</b>
Diabetes			33				33
Other Endocrine and metabolic			15				15
<b>Hyperthermia</b>	<b>4</b>	<b>1</b>				<b>1</b>	<b>6</b>
Hyperthermia	4	1				1	6
<b>Hypothermia</b>	<b>33</b>	<b>1</b>				<b>2</b>	<b>36</b>
Hypothermia	33	1				2	36
<b>Infectious disease</b>			<b>20</b>			<b>1</b>	<b>21</b>
Other infectious disease			19			1	20
AIDS/HIV			1				1

Manner of Death

Cause of Death	Accident	Homicide	Natural	Not Applicable	Suicide	Undetermined	Total
<b>Malignant neoplasms (Cancer)</b>			<b>26</b>				<b>26</b>
Malignant neoplasms (Cancer)			26				26
<b>Nervous system disease</b>	<b>1</b>	<b>1</b>	<b>22</b>			<b>2</b>	<b>26</b>
Meningitis			1				1
Other CNS			5			1	6
Seizure disorder	1	1	16			1	19
<b>Non-human remains</b>				<b>2</b>		<b>2</b>	<b>4</b>
Non-human remains				2		2	4
<b>Other natural cause</b>			<b>97</b>				<b>97</b>
Other natural cause			97				97
<b>Other non-natural cause</b>	<b>61</b>	<b>4</b>		<b>3</b>	<b>12</b>	<b>1</b>	<b>81</b>
Other non-natural cause	57	4		3	12		76
Therapeutic misadventure	4					1	5
<b>Respiratory system</b>	<b>6</b>	<b>3</b>	<b>80</b>			<b>1</b>	<b>90</b>
Asthma	1		12				13
Chronic obstructive pulmonary disease			11				11
Other respiratory			7				7
Pneumonia	3	3	48			1	55
Anaphylaxis	2		2				4
<b>Thermal Injuries (Burns)</b>	<b>19</b>	<b>1</b>			<b>1</b>	<b>3</b>	<b>24</b>
Thermal Injuries (Burns)	19	1			1	3	24
<b>Traumatic injury</b>	<b>527</b>	<b>576</b>	<b>1</b>		<b>220</b>	<b>25</b>	<b>1349</b>
Blunt force	64	20			4	4	92
Fracture	12	1					13
Gunshot wound	1	464			187	3	655
Head/Chest injuries	61	8			1	5	75
Multiple injuries	368	20			21	10	419
Other trauma	20	2	1		1	2	26
Sharp force/cutting	1	61			6	1	69
<b>Unknown cause</b>						<b>35</b>	<b>35</b>
Unknown cause						35	35
<b>Grand Total</b>	<b>1073</b>	<b>604</b>	<b>1801</b>	<b>11</b>	<b>420</b>	<b>1054</b>	<b>4963</b>



## Manner of Death - 3 Year Comparison

### Medical Examiner Cases: Manner of Death, Maryland 2015

Manner of Death	Number	%
Accident	2037	16.4%
Homicide	606	4.9%
Natural	8135	65.3%
Suicide	557	4.5%
Undetermined	1122	9.0%
<b>Total</b>	12457	100%

### Medical Examiner Cases: Manner of Death, Maryland 2014

Manner of Death	Number	%
Accident	1810	16.3%
Homicide	415	3.7%
Natural	7307	65.8%
Suicide	596	5.4%
Undetermined	979	8.8%
<b>Total</b>	11107	100%

### Medical Examiner Cases: Manner of Death, Maryland 2013

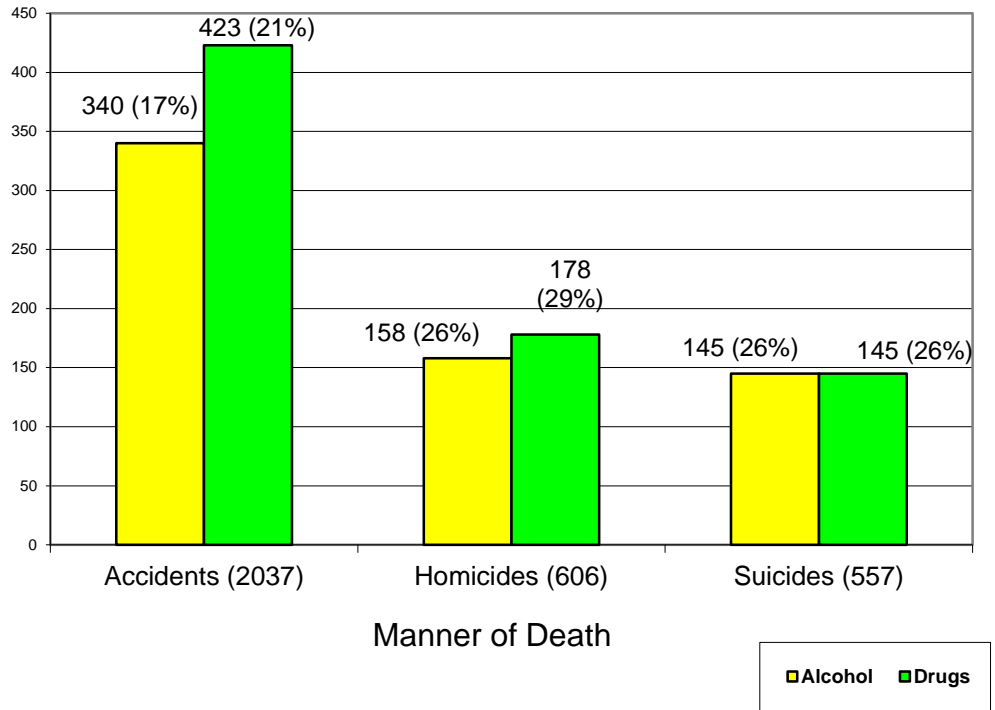
Manner of Death	Number	%
Accident	1826	17.0%
Homicide	434	4.0%
Natural	7133	66.3%
Suicide	576	5.4%
Undetermined	782	7.3%
<b>Total</b>	10751	100%

## 2015 Manner of Death by County

2015 - Manner	Accident	Homicide	Natural	Suicide	Undetermined	Total
Allegany	19	3	39	9	23	93
Anne Arundel	81	17	147	49	85	379
Baltimore City	225	362	450	59	366	1462
Baltimore County	138	27	200	47	159	571
Calvert	20	2	29	13	16	80
Caroline	8		7	5	3	23
Carroll	33	1	48	12	26	120
Cecil	26	9	38	10	26	109
Charles	24	3	37	14	17	95
Dorchester	5	1	16	4	2	28
Frederick	34	8	50	15	30	137
Garrett	10		12	3	2	27
Harford	34	8	82	24	43	191
Howard	30	3	46	15	26	120
Kent	7		10	1	3	21
Montgomery	70	29	166	49	67	381
Prince George's	146	110	238	36	60	590
Queen Anne's	14	1	14	7	2	38
Saint Mary's	21	2	21	13	13	70
Somerset	11	1	11		3	26
Talbot	12		17	5	5	39
Washington	43	9	69	17	58	196
Wicomico	40	8	36	8	16	108
Worcester	22		18	5	14	59
<b>Total</b>	<b>1073</b>	<b>604</b>	<b>1801</b>	<b>420</b>	<b>1065</b>	<b>4963</b>

2015 - Case Type	Autopsy	OCME Insp.	Total	County	Autopsy	OCME Insp.	Total
Allegany	85	8	93	Washington	184	12	196
Anne Arundel	351	28	379	Wicomico	102	6	108
Baltimore City	1367	95	1462	Worcester	51	8	59
Baltimore County	521	50	571	<b>Grand Total</b>	<b>4626</b>	<b>337</b>	<b>4963</b>
Calvert	73	7	80				
Caroline	20	3	23				
Carroll	116	4	120				
Cecil	104	5	109				
Charles	89	6	95				
Dorchester	25	3	28				
Frederick	126	11	137				
Garrett	27		27				
Harford	179	12	191				
Howard	112	8	120				
Kent	20	1	21				
Montgomery	358	23	381				
Prince George's	566	24	590				
Queen Anne's	30	8	38				
Saint Mary's	64	6	70				
Somerset	20	6	26				
Talbot	36	3	39				

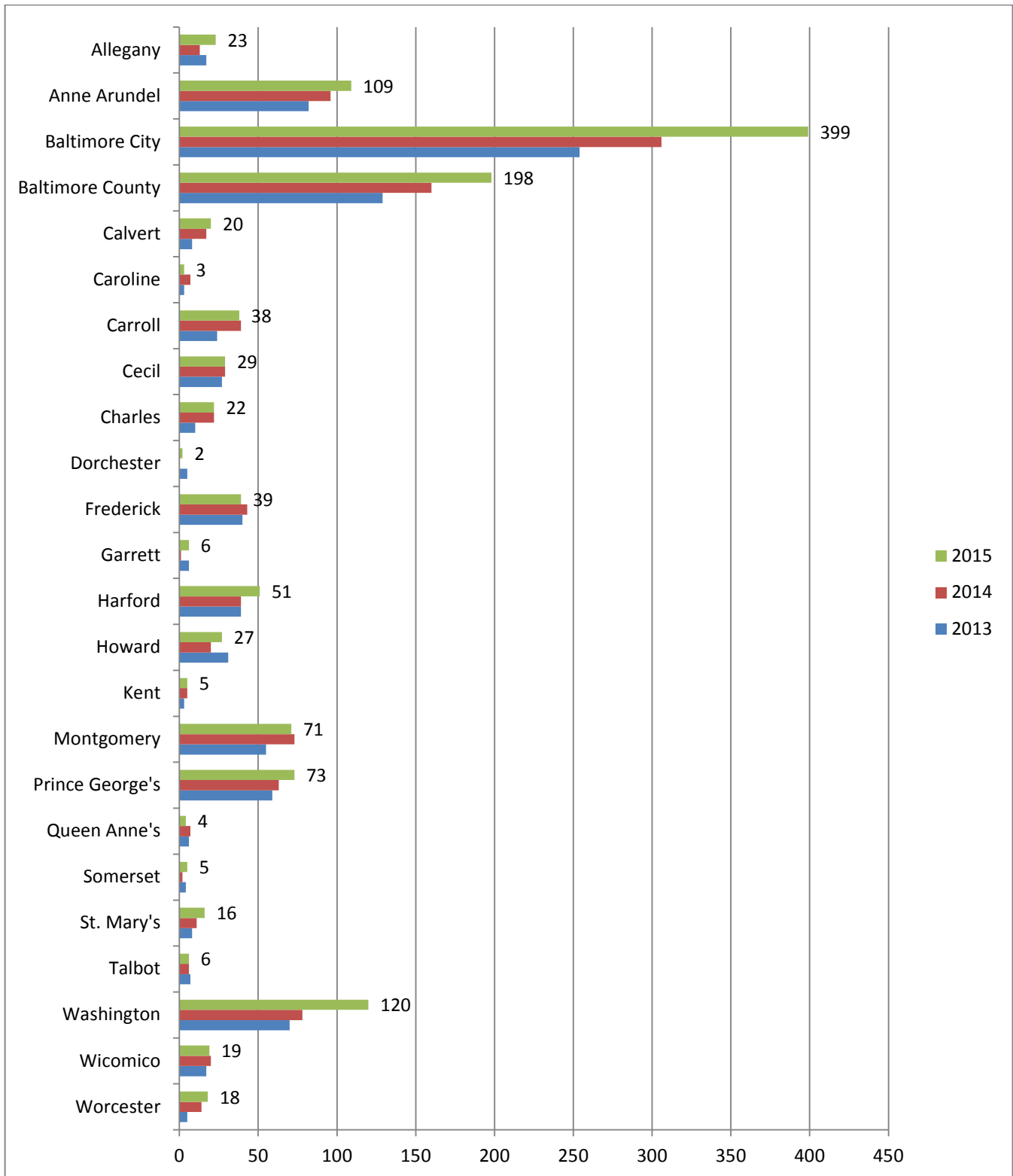
**2015 Toxicology Testing  
# of Cases Positive for Alcohol and/or Drugs  
(Percentage of the Manner of Death)**



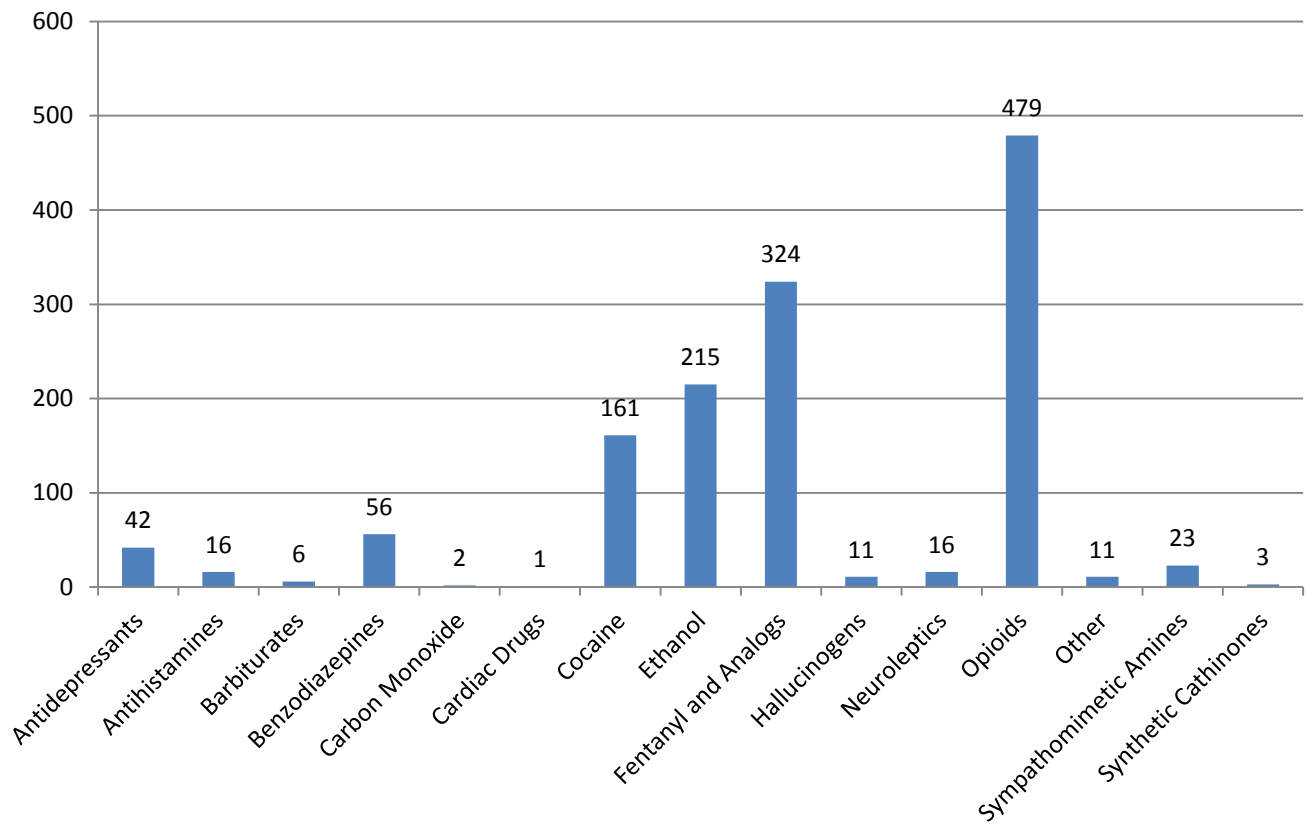
# Drug Deaths

## 3 Year Comparison by Jurisdiction

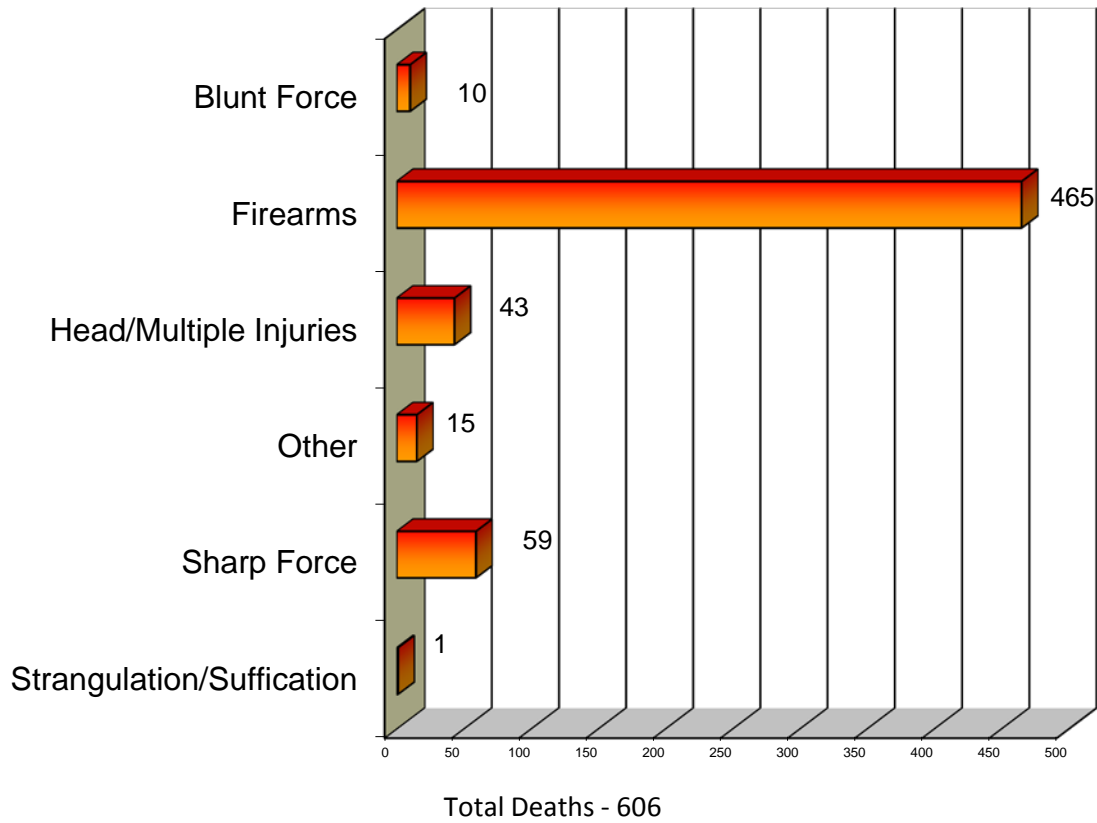
### 2013-2015



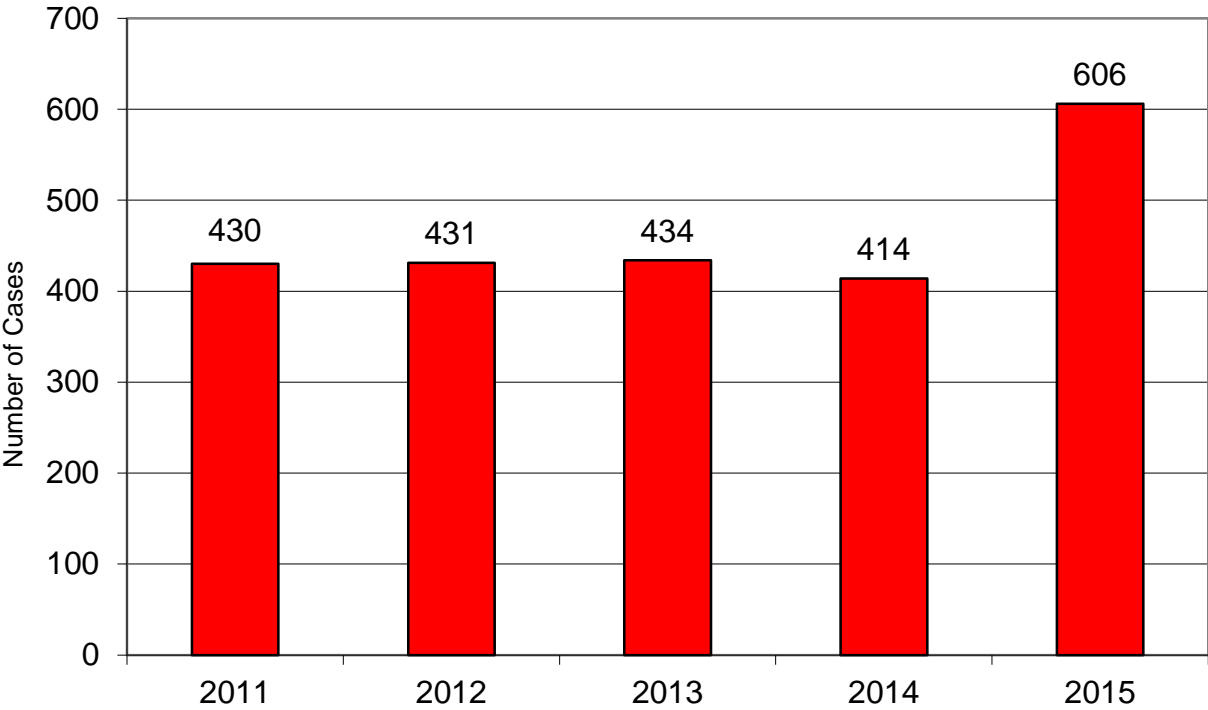
## 2015 Drug Deaths Undetermined Manner



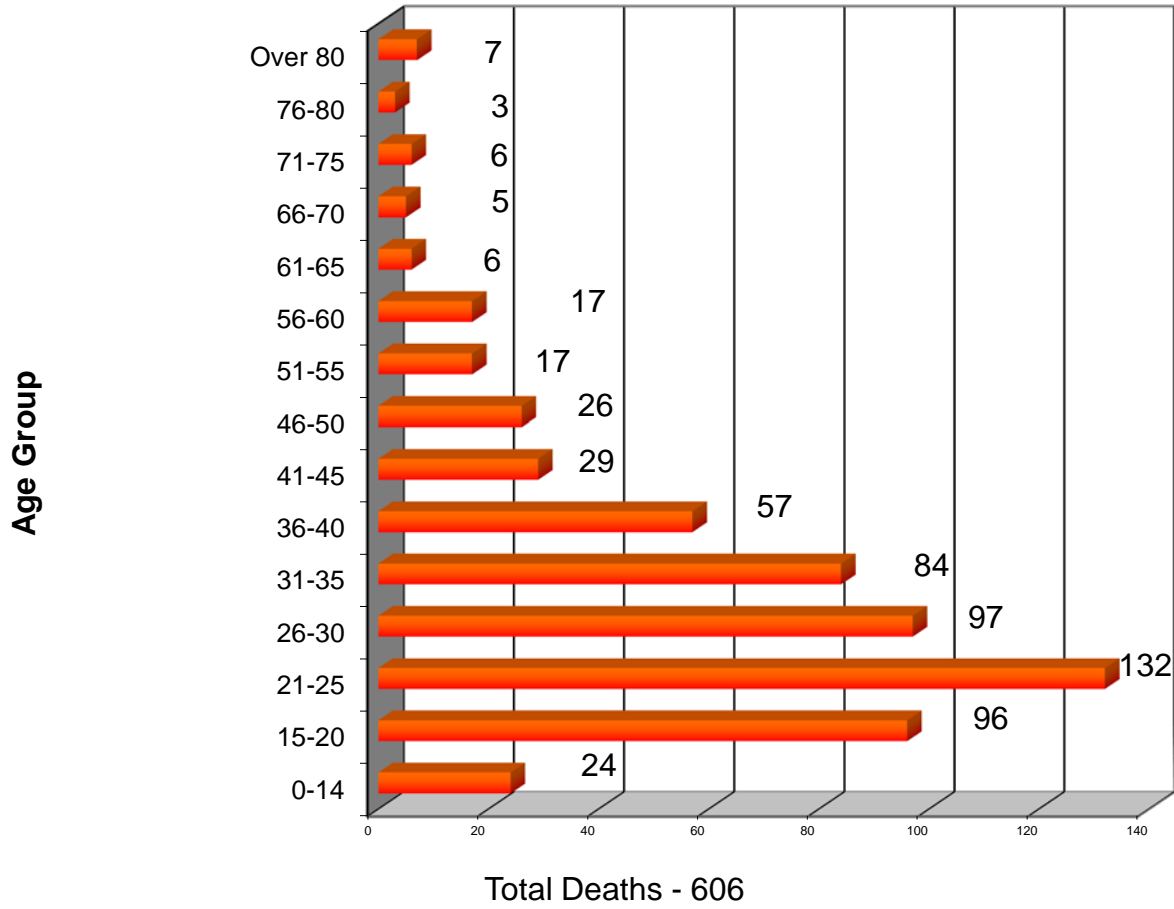
### 2015 Homicide Deaths Cause of Death



**Homicides  
5 Year Comparison  
2011 - 2015**

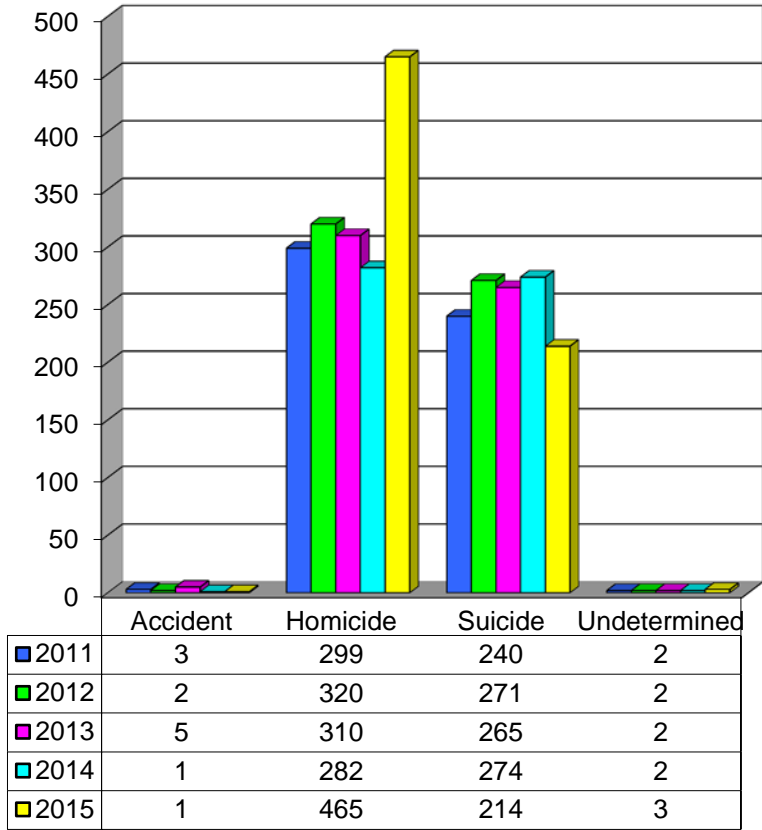


# 2015 Homicide Deaths by Age

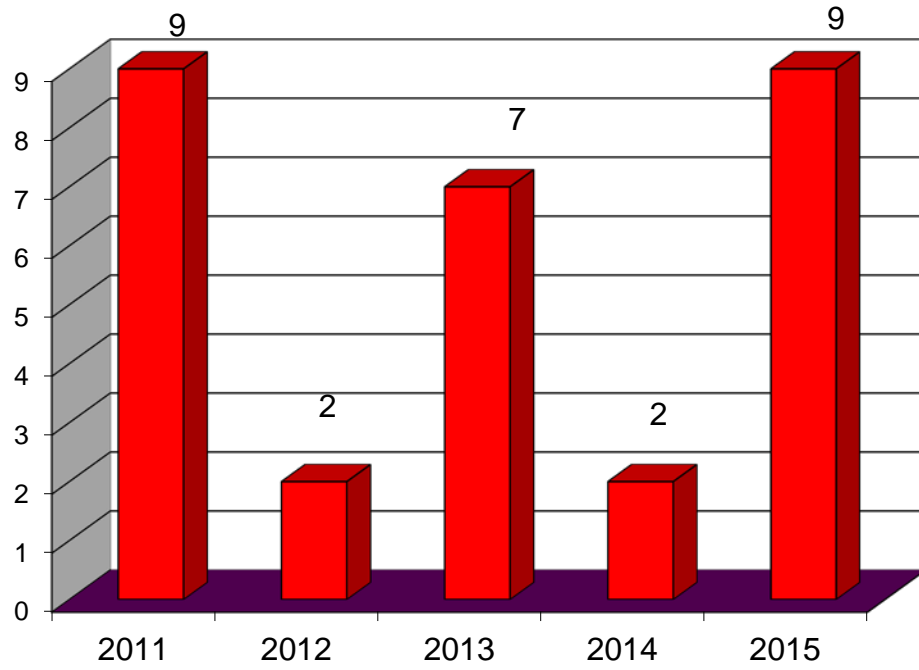




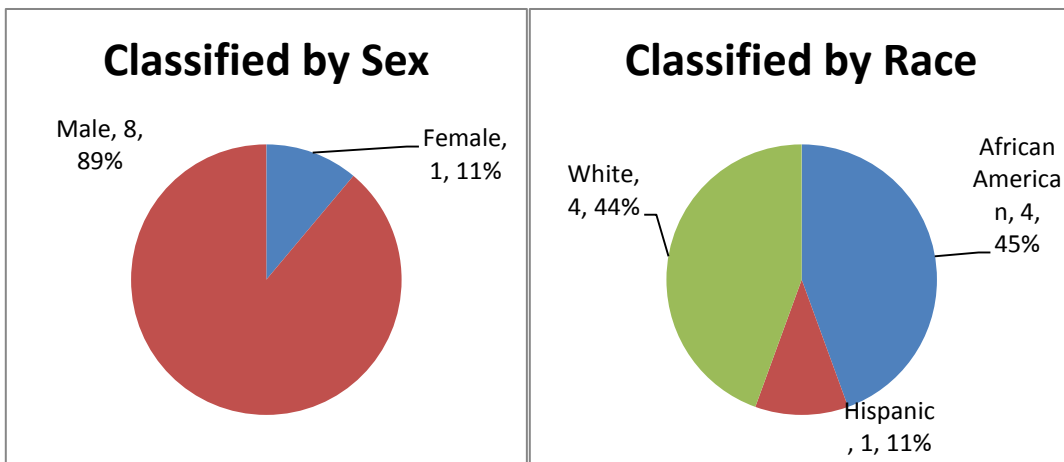
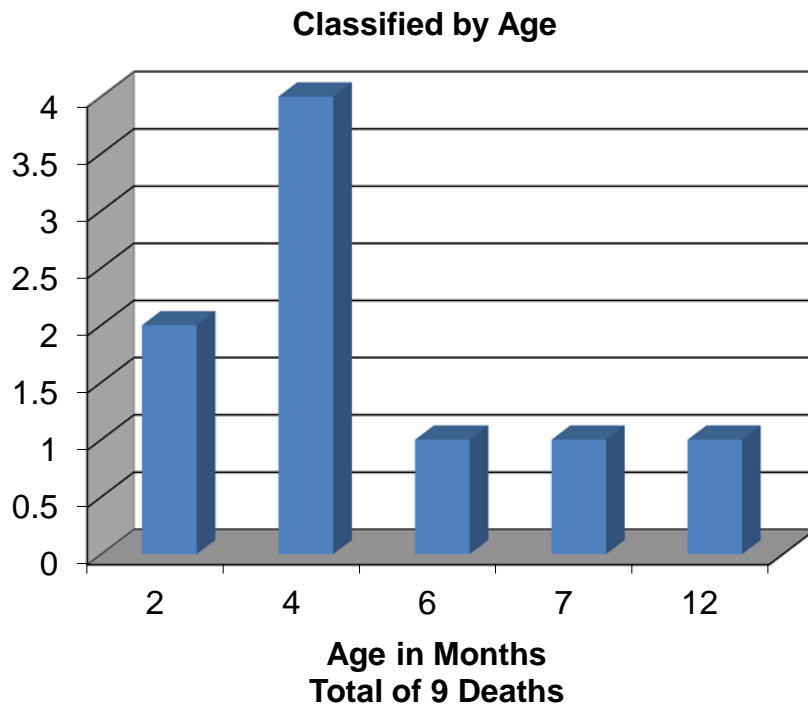
## Firearm Deaths 2011 - 2015



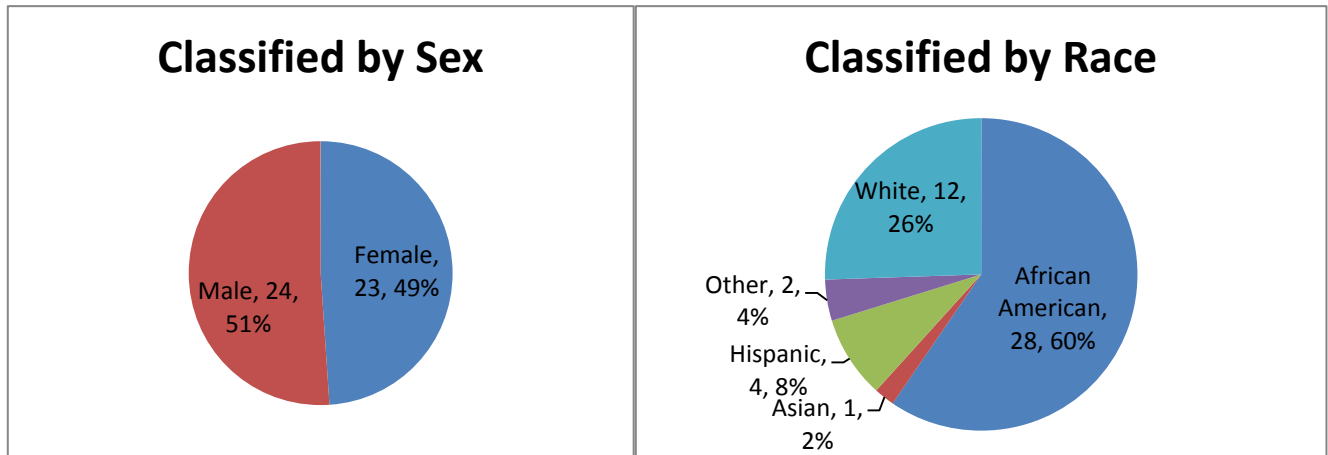
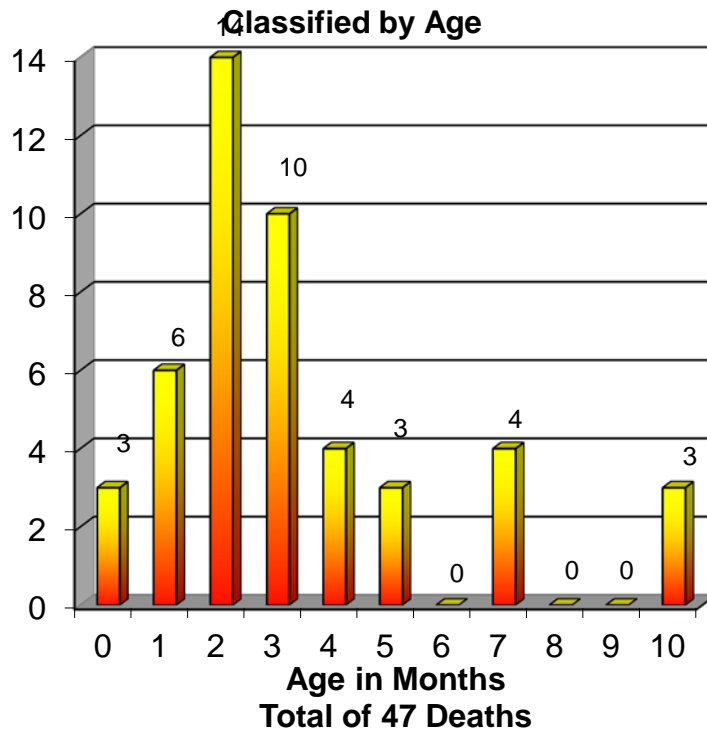
### SIDS Deaths 2011 - 2015 Comparison



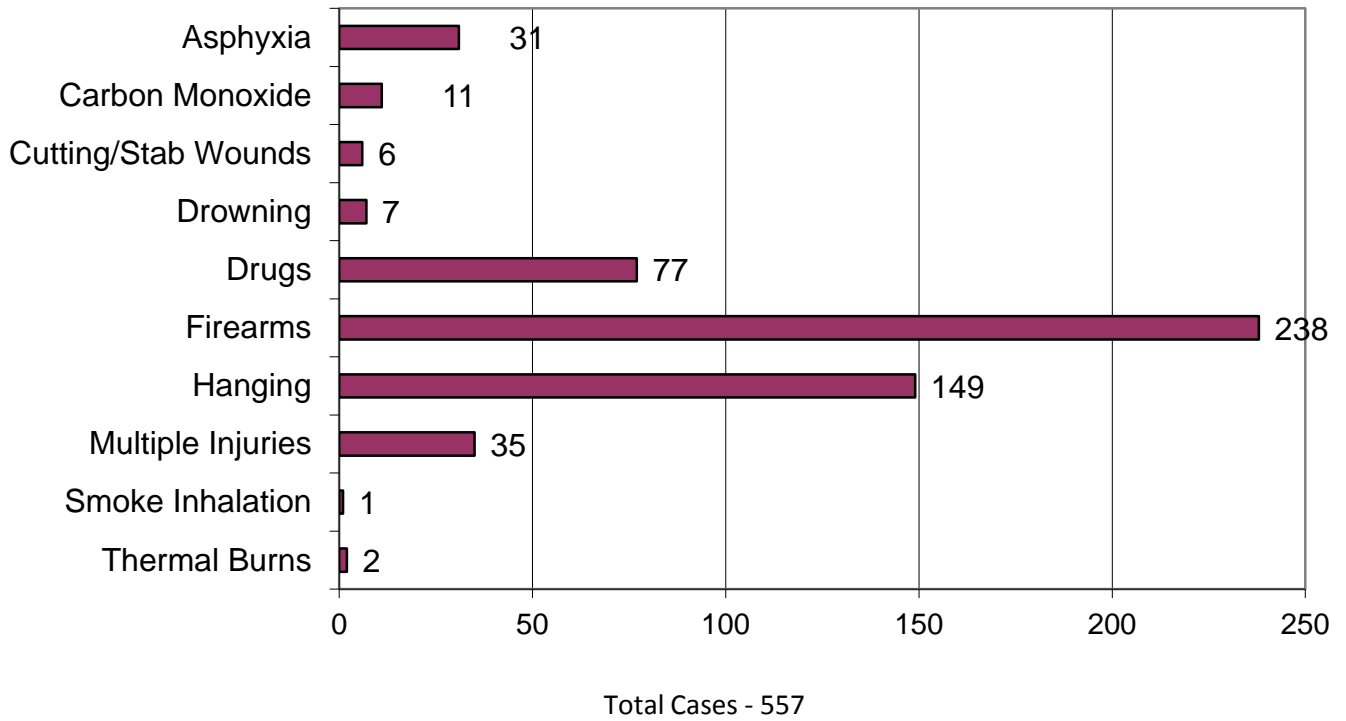
# Sudden Infant Death Syndrome - 2015



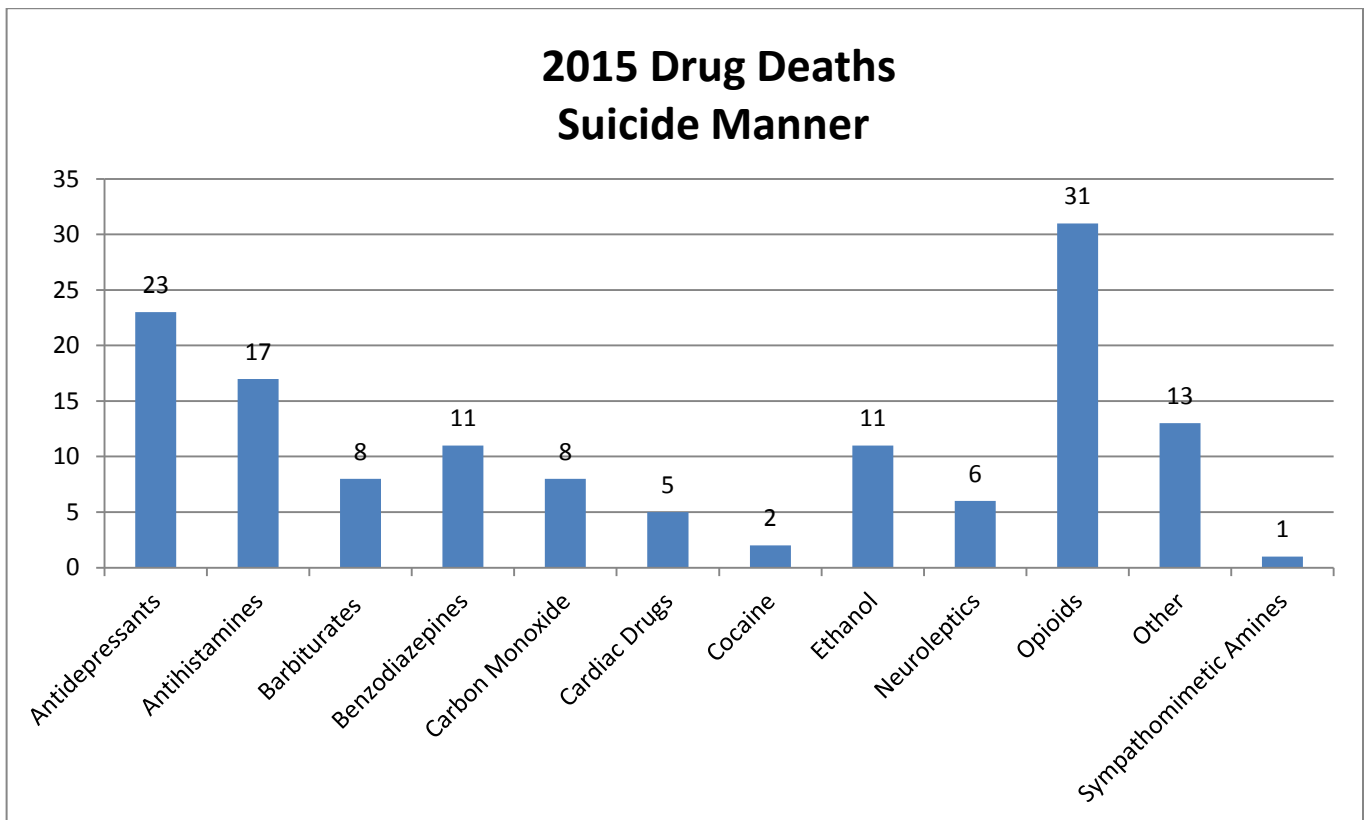
# Sudden Unexplained Death in Infancy - 2015



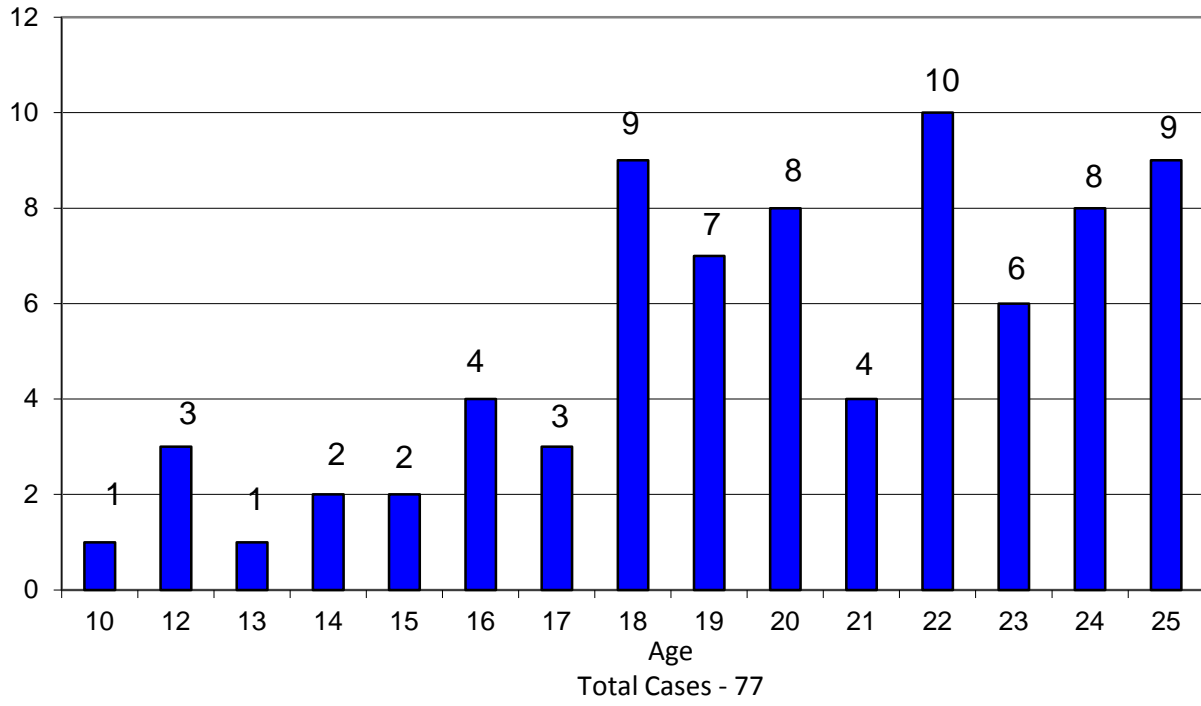
### 2015 Suicide Deaths Classified by Cause of Death



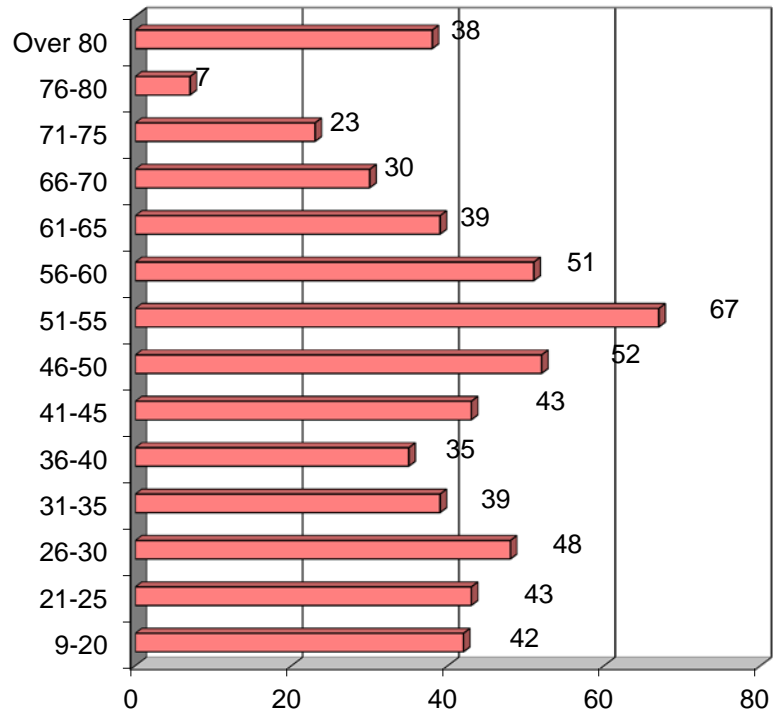
### 2015 Drug Deaths Suicide Manner



**2015 Youth Suicides  
25 Years of Age and Under**

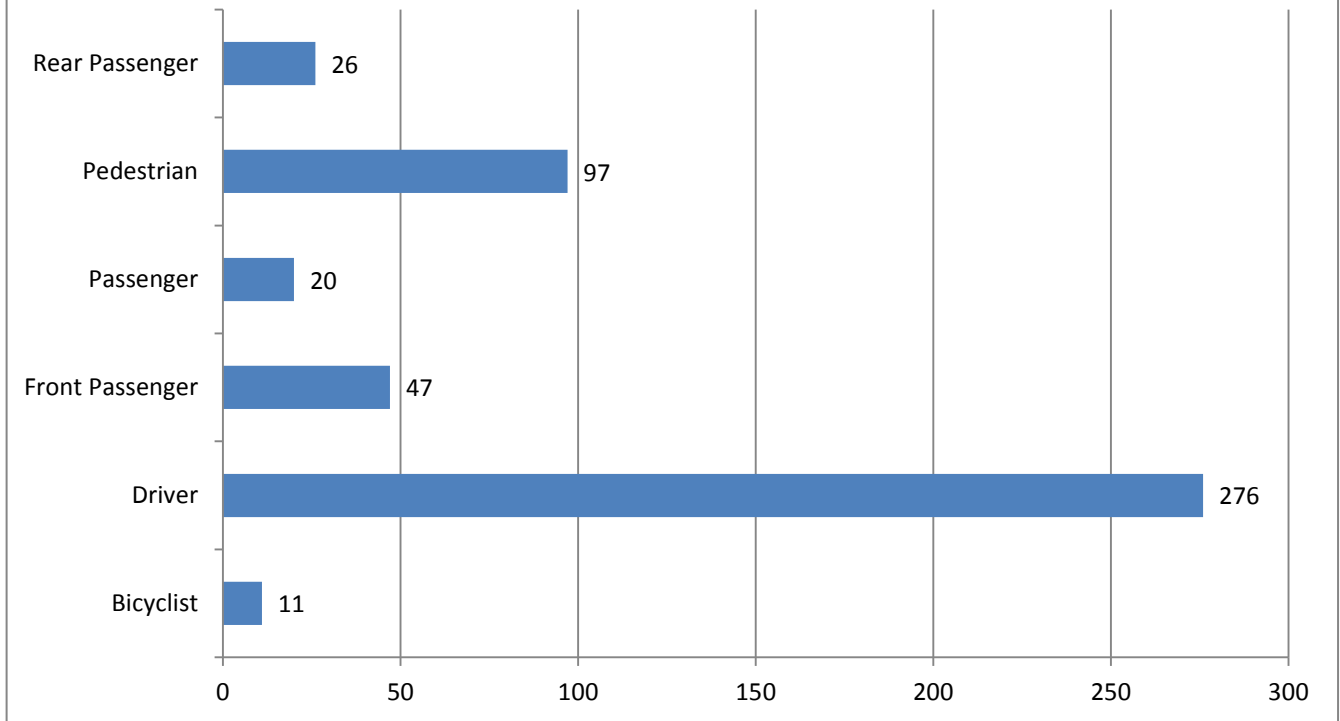


## 2015 Suicide Deaths by Age



Total Deaths - 557

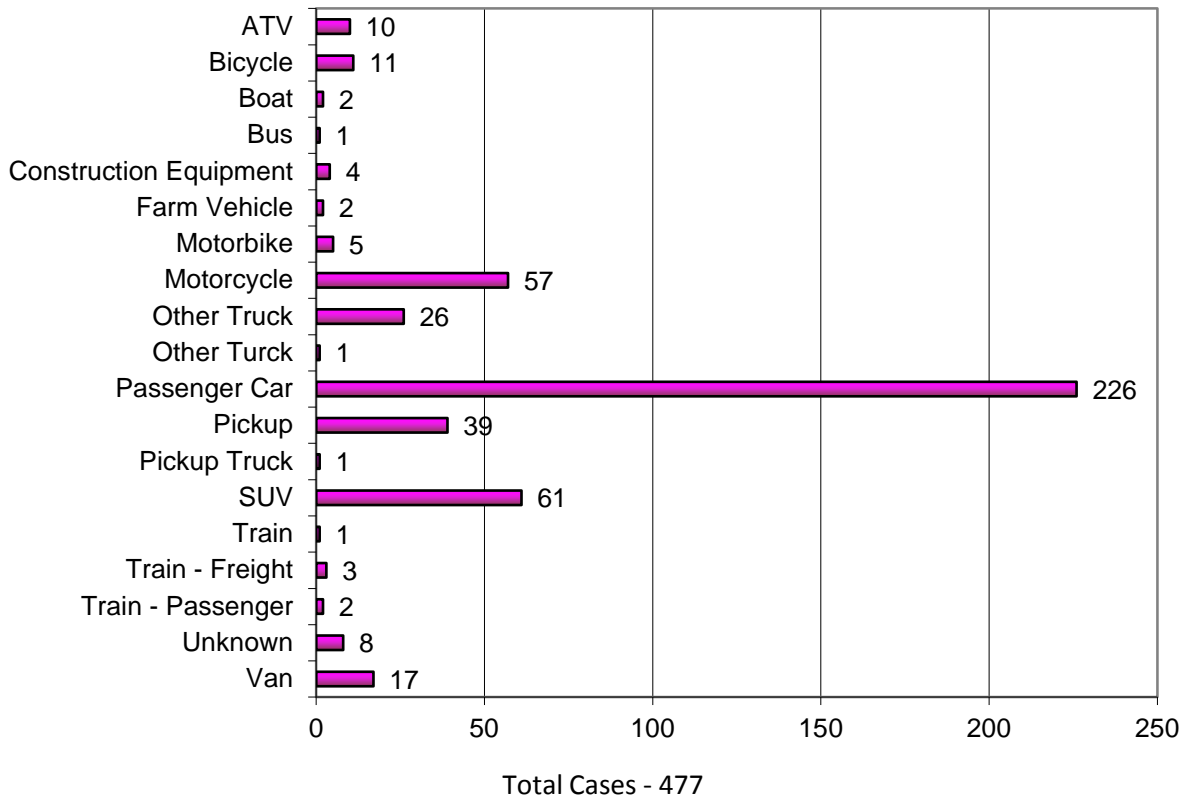
## 2015 Transportation Accidents Classified by Activity



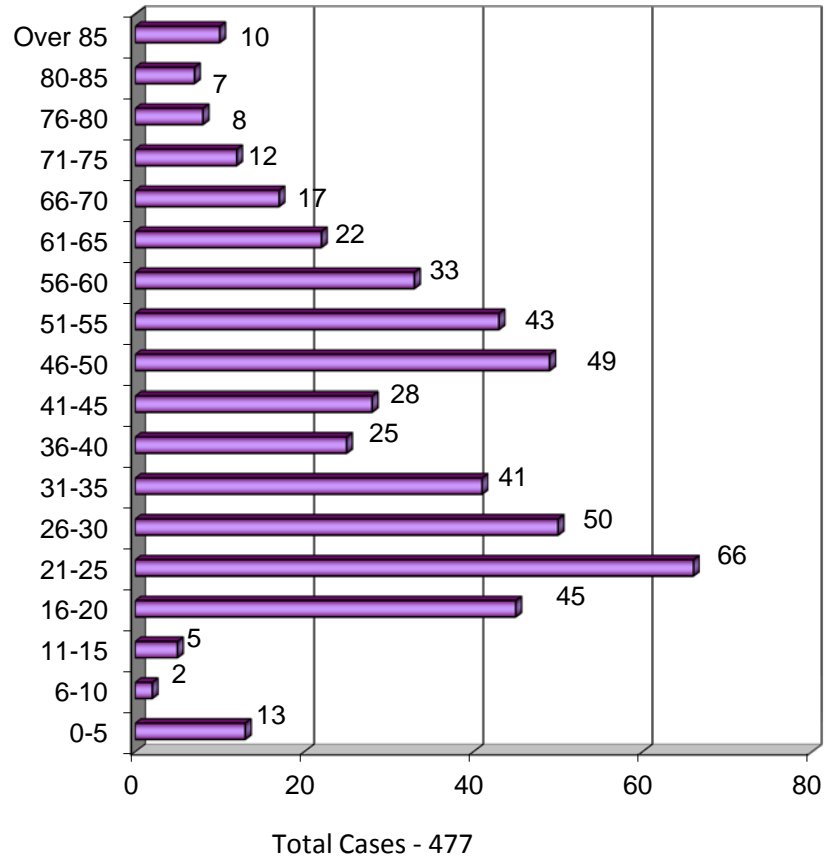
Total Cases – 477



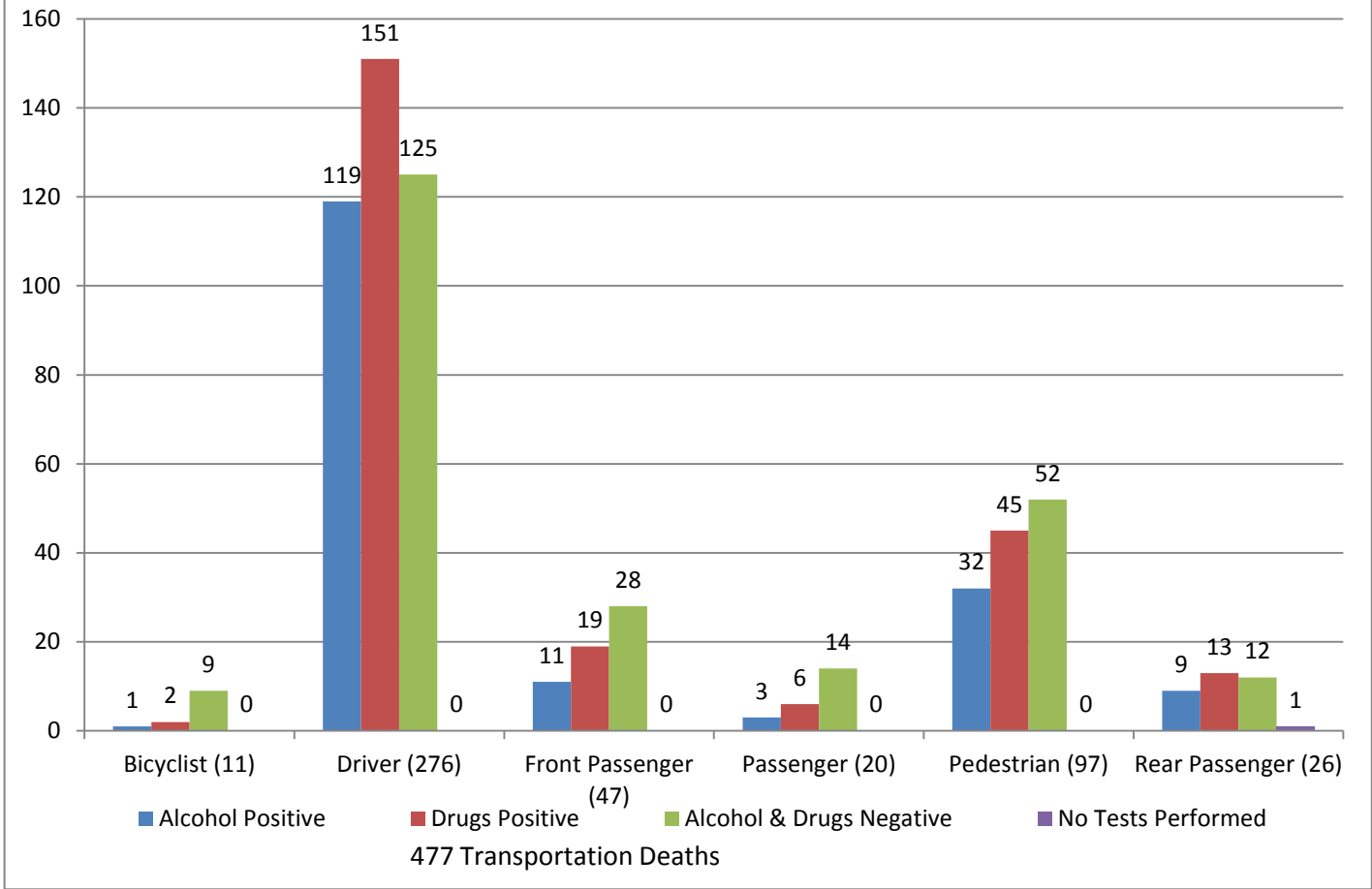
## 2015 Transportation Deaths Type of Vehicle



### 2015 Transportation Deaths by Age

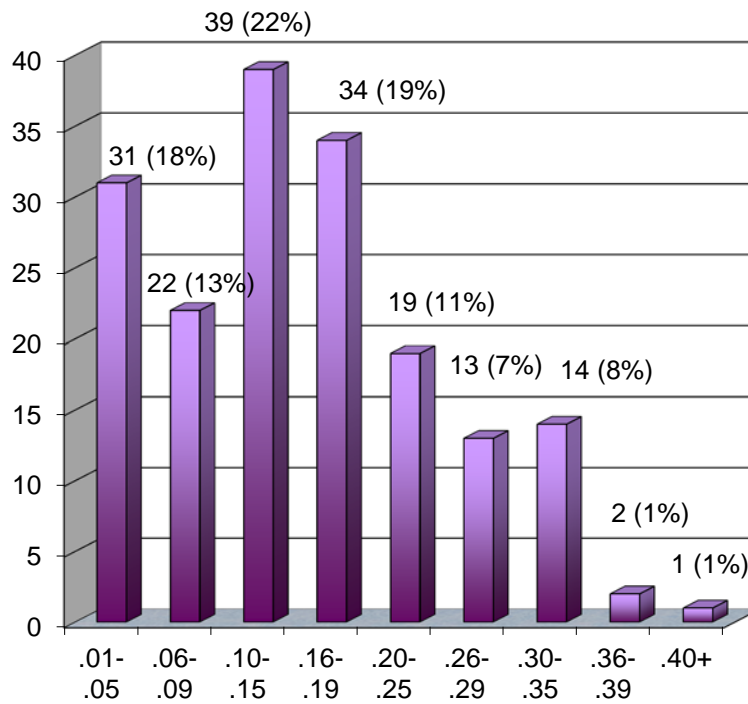


## 2015 Transportation Accidents Alcohol/Drug Results



The alcohol and drug tests are not mutually exclusive, so the numbers in parentheses may not add up to the numbers on the bar graphs. For example, a bicyclist may be positive for both alcohol and drugs.

**2015 Transportation Deaths  
Blood Alcohol Concentration in 175 Cases  
37%\* Tested Positive**



477 Transportation Deaths  
301 Negative for Alcohol  
1 No Testing Performed

\*Percent based on total cases tested for alcohol

## **ADDENDUM**

### **Miscellaneous Data**

1. Number of autopsies 3,306  
Number of partial autopsies 1,320
2. Organ donations 80
3. Unclaimed bodies released to State Anatomy Board 144
4. Exhumations 0
5. Bodies transported to the OCME 4,959