



2008

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

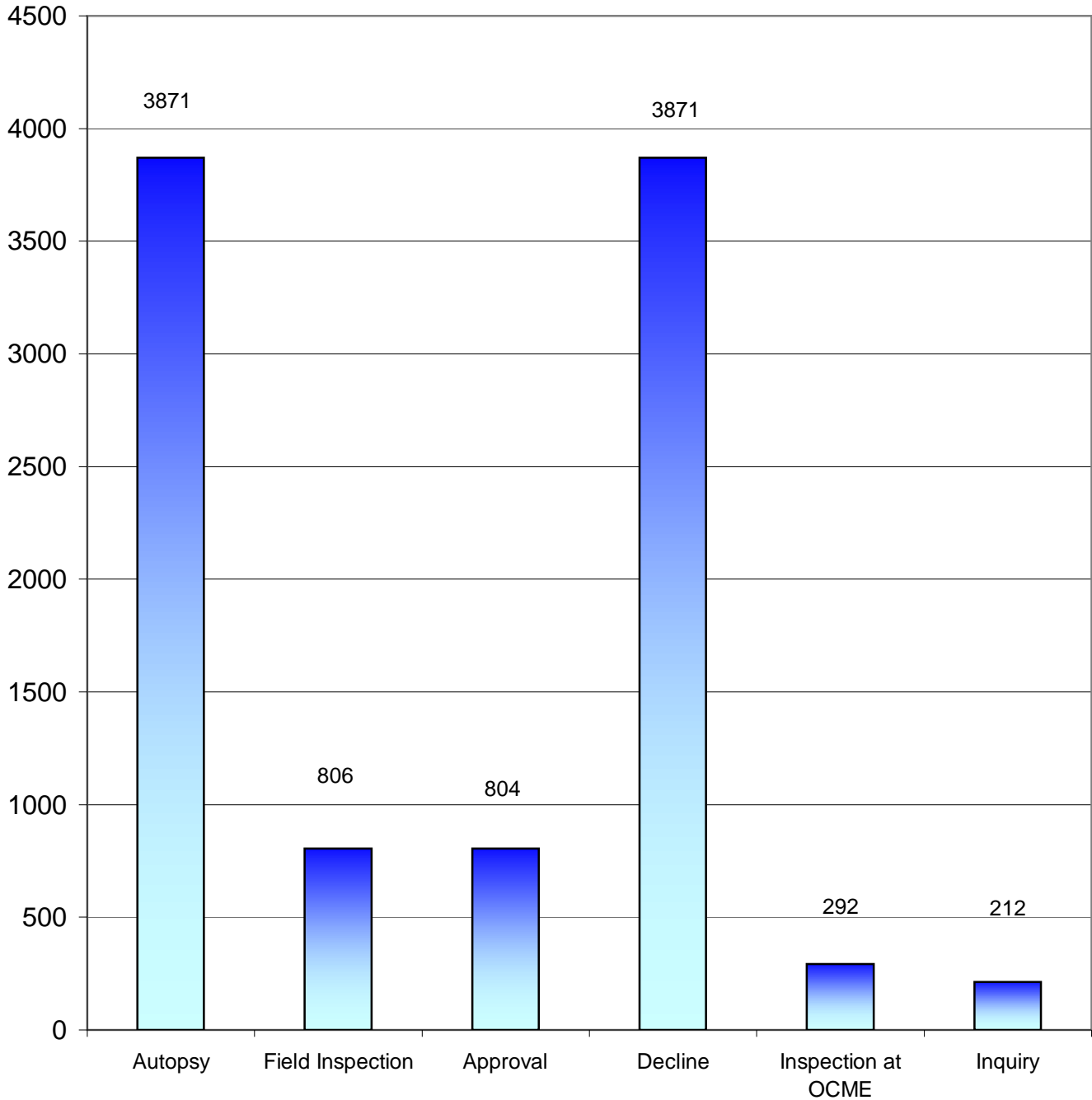
**State of Maryland**

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# Cases Reported to OCME - 2008

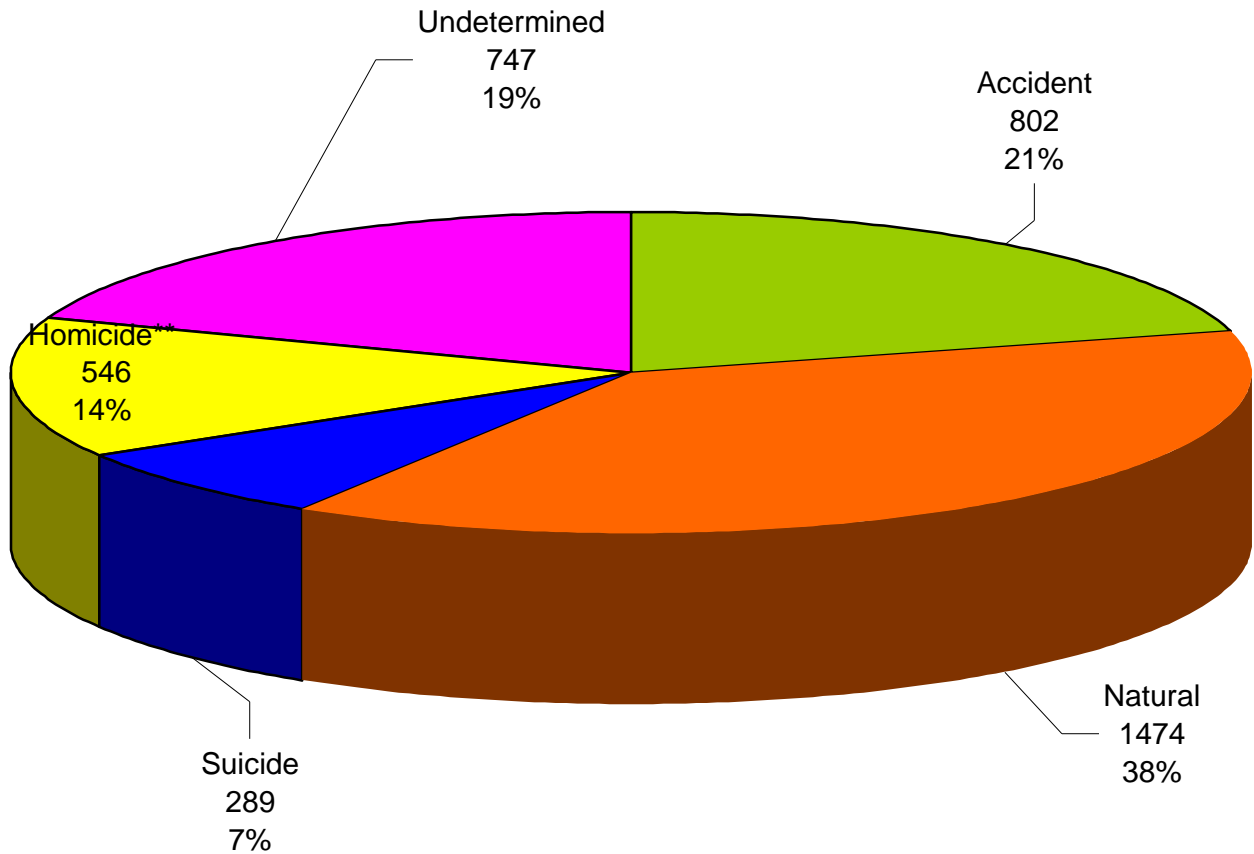
## Action Taken



**9856 Total Cases**

# 2008 Medical Examiner Cases Autopsied\*

\*Thirteen cases were classified as "not applicable"

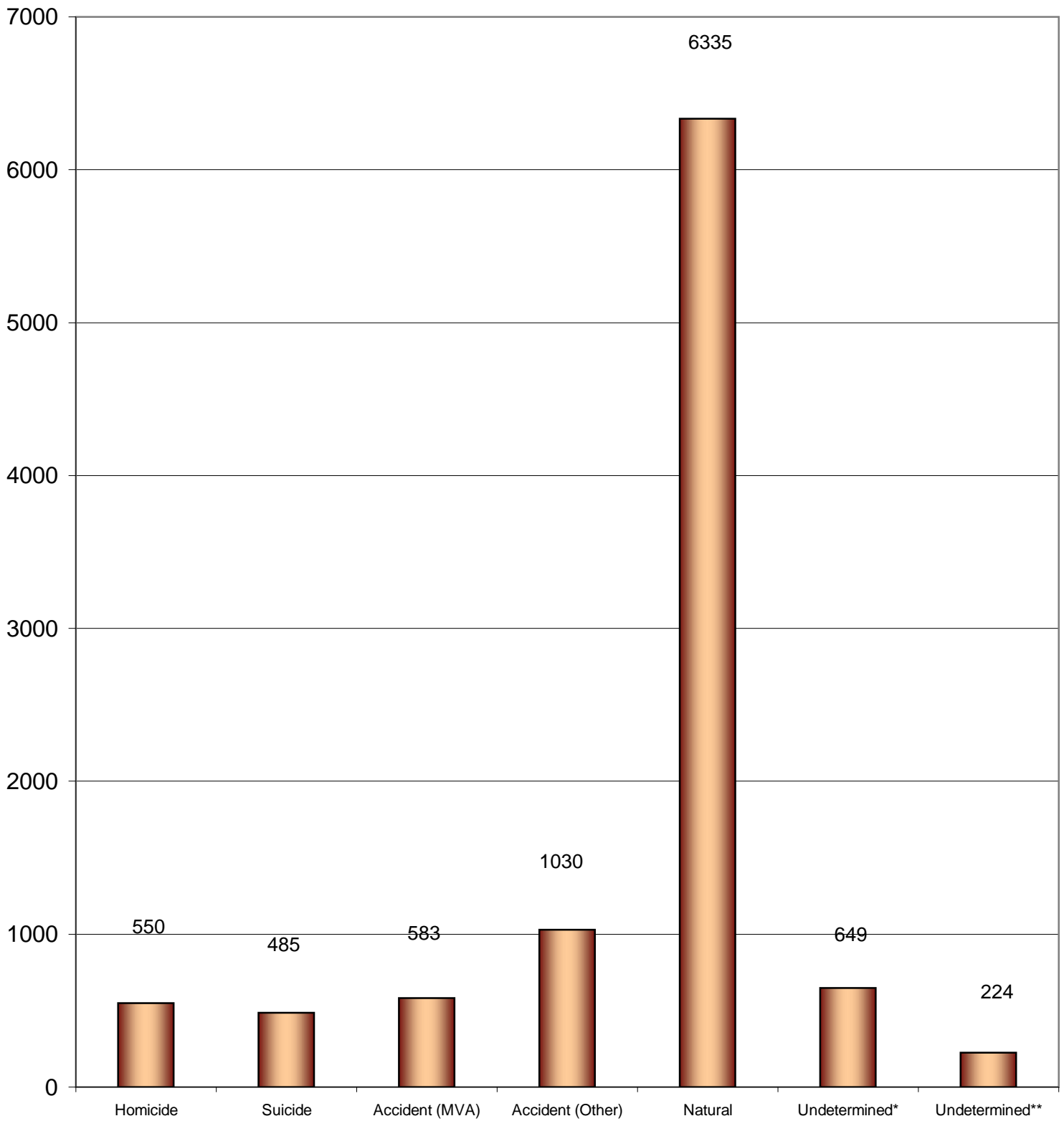


\*\* Four homicides were not autopsied due to final disposition prior to Medical Examiner notification.

**Total Cases Autopsied - 3871**

# 2008 Cases Reported to OCME

## Manner of Death



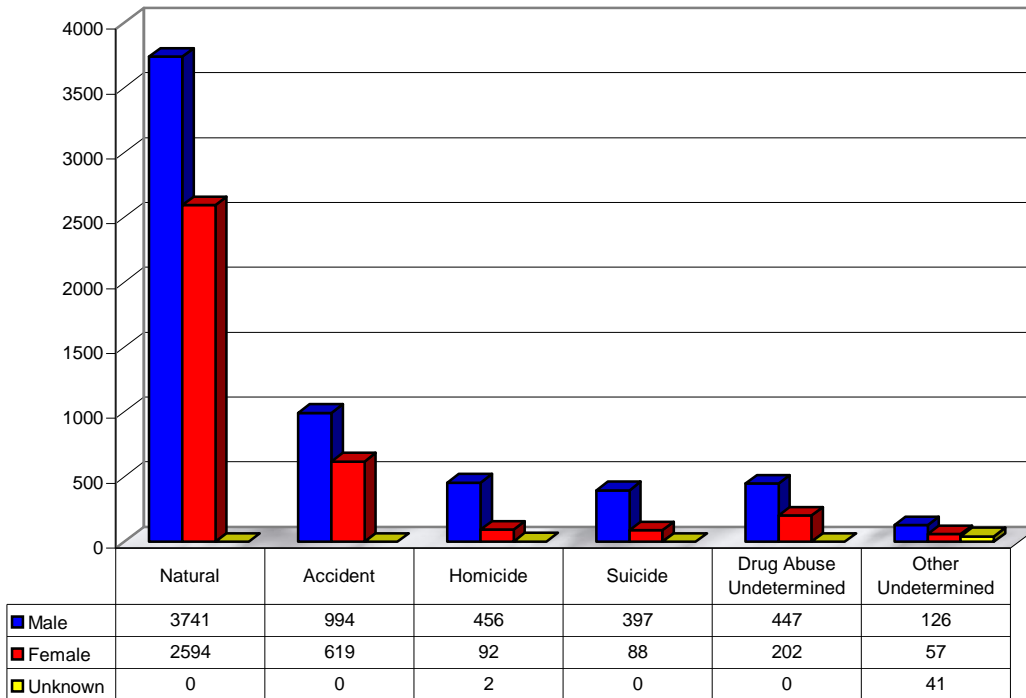
**Total Cases - 9856**

\*Undetermined Manner: Drugs/Narcotics

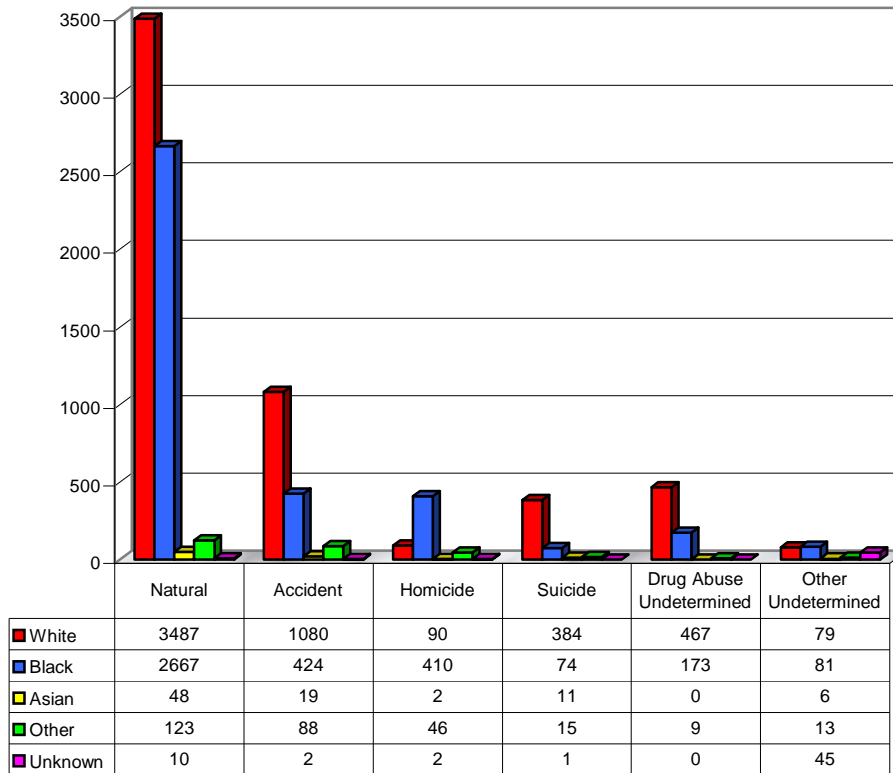
\*\*Undetermined Manner: Other

# Manner of Death - 2008

## Classified by Sex



## Classified by Race



## Medical Examiner Cases – 2008 Cause and Manner of Death

Cause of Death	Manner of Death					Total
	Natural	Homicide	Suicide	Accident	Undetermined	
<i>Infectious disease</i>						
AIDS	36	-	-	-	-	36
Other	43	-	-	-	-	43
<i>Malignant neoplasms (Cancer)</i>	480	-	-	-	-	480
<i>Endocrine and metabolic disease</i>						
Diabetes	50	-	-	-	-	50
Other	6	-	-	-	-	6
<i>Mental Disorders</i>						
Alcohol abuse	101	-	-	-	-	101
Other	3	-	-	-	-	3
<i>Nervous system disease</i>						
Meningitis	5	-	-	-	-	5
Seizure disorder	51	-	-	-	-	51
Other	44	-	-	-	-	44
<i>Circulatory system disease</i>						
Hypertensive cardiovascular disease	2013	-	-	-	-	2013
Arteriosclerotic cardiovascular disease	1982	-	-	-	-	1982
Cardiac arrhythmia	119	-	-	-	-	119
Cardiomyopathy	14	-	-	-	-	14
Pulmonary embolism	34	-	-	9	-	43
Cerebrovascular disease	44	-	-	-	-	44
Aneurysm	69	-	-	-	-	69
Hemorrhage	54	-	-	-	-	54
Other	141	-	-	-	-	141
<i>Respiratory system diseases</i>						
Respiratory distress syndrome	-	-	-	-	-	-
Pneumonia	101	-	-	-	-	101
Chronic obstructive pulmonary disease	93	-	-	-	-	93
Asthma	15	-	-	-	-	15
Other	160	-	-	-	-	160
<i>Digestive system disease</i>						
Fatty liver	11	-	-	-	-	11
Cirrhosis	59	-	-	-	-	59
Gastrointestinal hemorrhage	1	-	-	-	-	1
Other	33	-	-	-	-	33
<i>Congenital anomalies</i>	-	-	-	-	-	-
<i>Perinatal conditions</i>	1	-	-	-	-	1
<i>Ill-defined conditions</i>						
Sudden Infant Death Syndrome	16	-	-	-	-	16
Other	6	-	-	-	58	64

Cause of Death	Manner of Death					Total
	Natural	Homicide	Suicide	Accident	Undeter-Mined	
<i>Traumatic injury</i>						
Head/Chest injuries	-	9	-	343	8	360
Multiple injuries	-	11	23	533	3	570
Blunt force	-	25	-	19	-	44
Gunshot wound	-	409	252	1	1	663
Sharp force/cutting	-	56	10	1	-	67
Fracture	-	-	-	128	-	128
Other trauma	-	-	-	-	-	-
<i>Poisoning</i>						
Alcohol intoxication	-	-	-	9	26	35
Drug intoxication/abuse	-	-	25	-	107	132
Alcohol and drug intoxication	-	-	9	-	49	58
Carbon monoxide	-	-	3	1	1	5
Cocaine intoxication	2	-	-	3	56	61
Cocaine and alcohol intoxication	-	-	-	-	10	10
Cocaine and narcotic intoxication	-	-	-	-	97	97
Narcotic intoxication	2	-	15	1	260	278
Narcotic and alcohol intoxication	-	-	1	-	64	65
Inhalant intoxication	-	-	1	-	2	3
<i>Asphyxiation</i>						
Airway obstruction/Aspirated stomach content	-	-	-	5	-	5
Hanging	-	-	117	-	1	118
Smoke inhalation	-	1	-	31	-	32
Strangulation/Asphyxiation	-	20	21	-	5	46
Suffocation	-	-	-	-	-	-
Drowning	-	8	3	7	8	26
Unspecified type of asphyxia	-	-	-	6	-	6
<i>Hypothermia</i>	-	-	-	31	-	31
<i>Hyperthermia</i>	-	-	-	4	-	4
<i>Thermal Injuries (Burns)</i>	-	-	2	14	2	18
<i>Electrocution</i>	-	-	-	7	-	7
<i>Other non-natural cause</i>	-	11	3	453	72	539
<i>Other natural cause</i>	546	-	-	-	-	546
<i>Unknown cause</i>	-	-	-	-	15	15
<i>Non-human remains</i>	-	-	-	-	28	28
<i>Accident during surgery/medical procedure</i>	-	-	-	7	-	7
<b>TOTAL</b>	6335	550	485	1613	873	9856



## Manner of Death - 3 Year Comparison

### Medical Examiner Cases: Manner of Death, Maryland 2008

Manner of Death	Number	%
Natural.....	6335	64.3
Homicide.....	550	5.6
Suicide.....	485	4.9
Accident.....	1613	16.4
Undetermined.....	873	8.9
Total.....	9856	100.0*

### Medical Examiner Cases: Manner of Death, Maryland 2007

Manner of Death	Number	%
Natural.....	6156	62.2
Homicide.....	582	5.9
Suicide.....	514	5.2
Accident.....	1655	16.7
Undetermined.....	987	10.0
Total.....	9894	100.0*

### Medical Examiner Cases: Manner of Death, Maryland 2006

Manner of Death	Number	%
Natural.....	6007	62.1
Homicide.....	584	6.0
Suicide.....	500	5.2
Accident.....	1615	16.7
Undetermined.....	966	10.0
Total.....	9672	100.0*

\*Because of rounding, percentages do not necessarily total 100.

## Medical Examiner Cases - 2008

### Manner and Jurisdiction

<u>County</u>	<u>Natural</u>	<u>Accident</u>	<u>Homicide</u>	<u>Suicide</u>	<u>Undetermined</u>	<u>TOTAL</u>
Allegany	120	42	3	10	13	188
Anne Arundel	562	80	15	43	79	779
Baltimore County	505	185	23	67	128	908
Calvert	74	13	4	11	11	113
Caroline	16	13	2	1	3	35
Carroll	87	35	1	9	22	154
Cecil	56	16	4	7	10	93
Charles	58	23	8	19	15	123
Dorchester	32	9	1	2	6	50
Frederick	73	38	6	24	21	162
Garrett	29	15	3	4	4	55
Harford	199	44	9	25	40	317
Howard	98	38	6	19	20	181
Kent	17	9	0	2	5	33
Montgomery	532	178	24	64	56	854
Prince George's	1208	231	145	45	86	1715
Queen Anne's	9	13	0	7	3	32
St. Mary's	44	20	2	11	12	89
Somerset	26	3	2	1	3	35
Talbot	37	22	2	5	8	74
Washington	135	62	5	20	28	250
Wicomico	208	52	6	13	18	297
Worcester	59	17	4	8	16	104
Baltimore City	2151	455	275	68	266	3215
<b>TOTAL</b>	<b>6335</b>	<b>1613</b>	<b>550</b>	<b>485</b>	<b>873</b>	<b>9856</b>

### Type and Jurisdiction

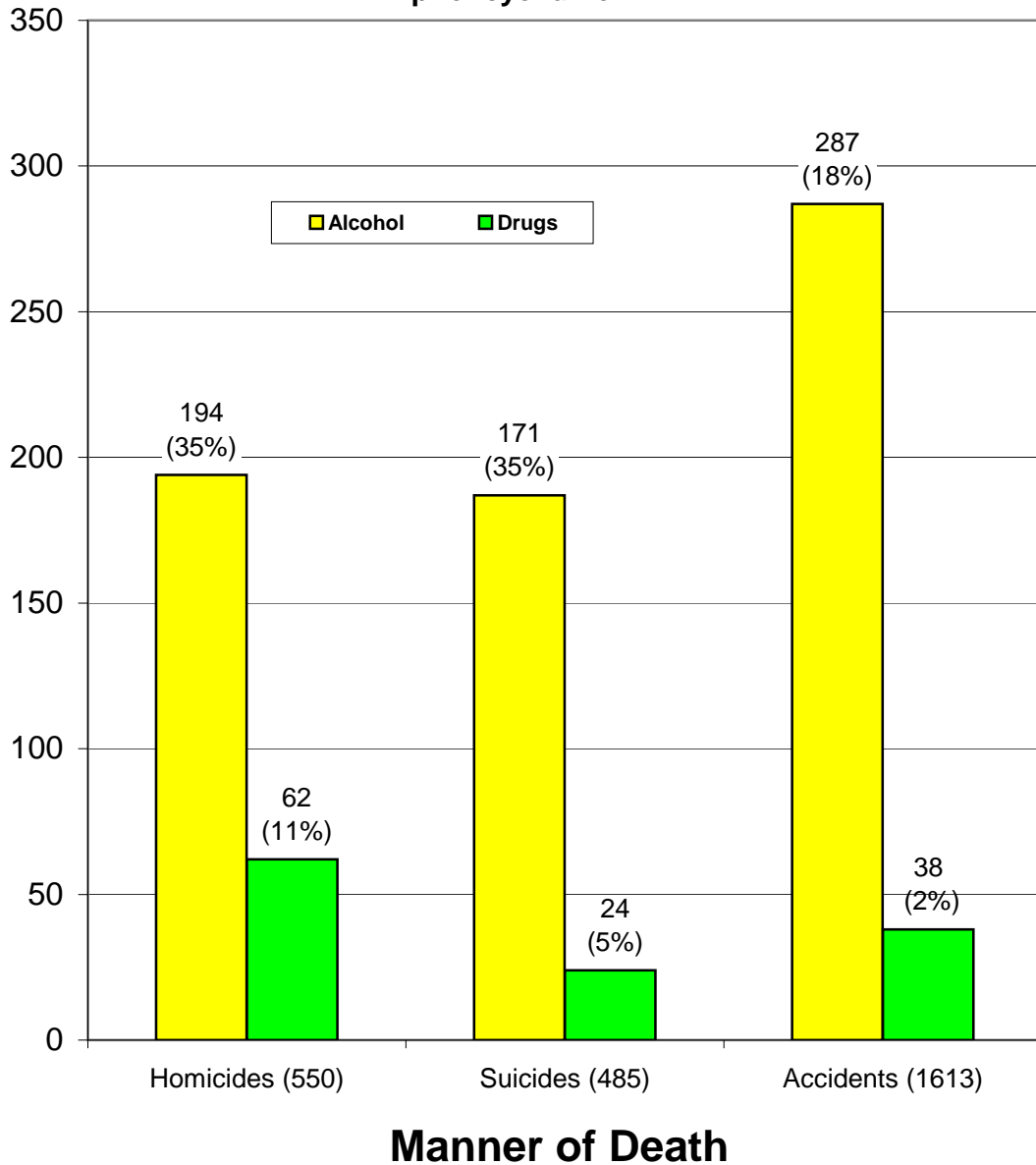
<u>County</u>	<u>OCME</u>		<u>Field</u>	<u>Inquiry</u>	<u>Approval</u>	<u>Decline</u>	<u>TOTAL</u>
	<u>Autopsy</u>	<u>Inspections</u>	<u>Inspections</u>				
Allegany	69	8	28	7	23	53	188
Anne Arundel	277	30	63	9	27	373	779
Baltimore County	432	28	73	29	110	236	908
Calvert	47	6	6	2	1	51	113
Caroline	21	0	3	0	4	7	35
Carroll	79	6	22	3	12	32	154
Cecil	49	5	13	2	4	20	93
Charles	83	7	16	2	3	12	123
Dorchester	30	1	6	1	1	11	50
Frederick	80	8	23	5	23	23	162
Garrett	25	1	8	1	7	13	55
Harford	138	13	31	6	15	114	317
Howard	94	12	24	5	13	33	181
Kent	18	2	2	0	3	8	33
Montgomery	272	21	90	28	114	329	854
Prince George's	682	25	139	22	71	776	1715
Queen Anne's	19	2	4	0	2	5	32
St. Mary's	48	7	10	5	4	15	89
Somerset	19	1	3	0	0	12	35
Talbot	38	2	11	1	12	10	74
Washington	117	4	26	5	39	59	250
Wicomico	99	4	49	8	22	115	297
Worcester	55	5	23	3	5	13	104
Baltimore City	1080	94	133	68	289	1551	3215
<b>TOTAL</b>	<b>3871</b>	<b>292</b>	<b>806</b>	<b>212</b>	<b>804</b>	<b>3871</b>	<b>9856</b>

# 2008 Toxicology Testing

Cases Positive for Alcohol and/or Drugs\*

(Percentage of the Manner of Death)

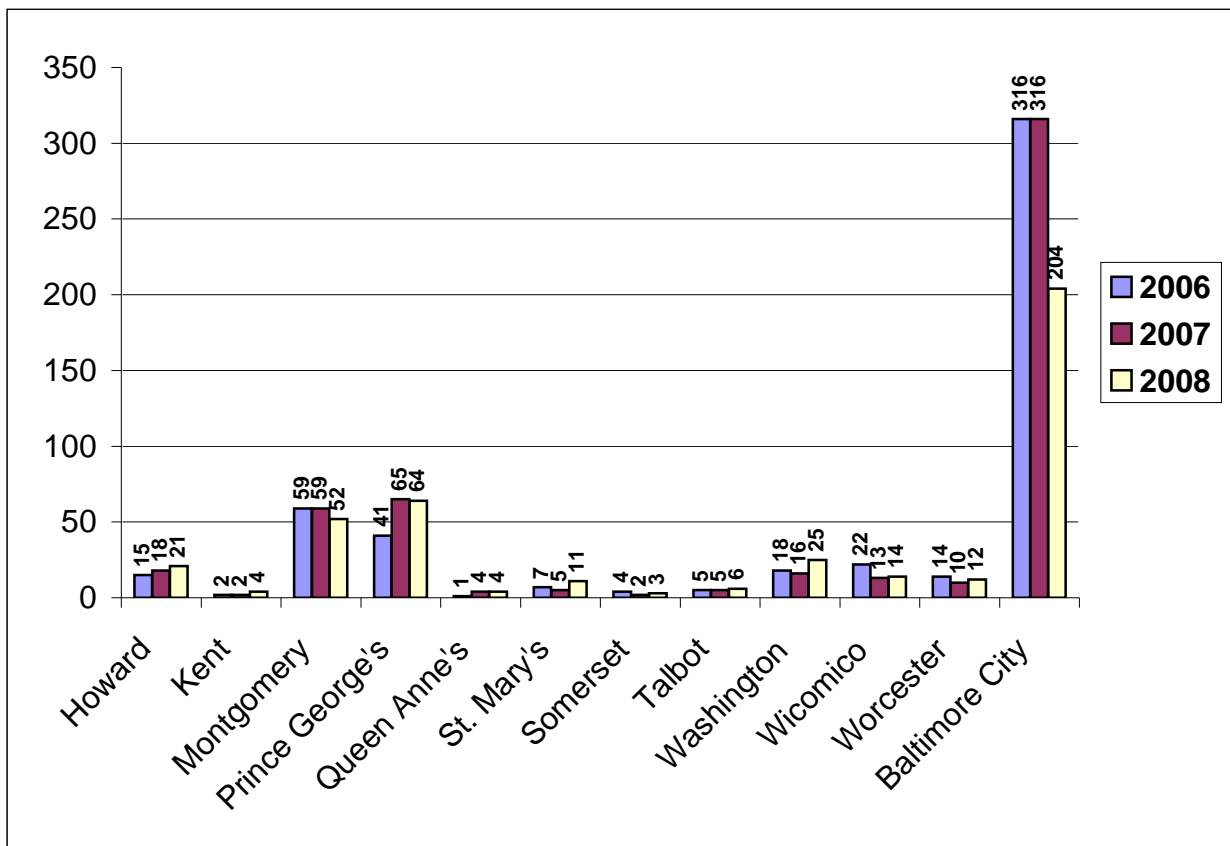
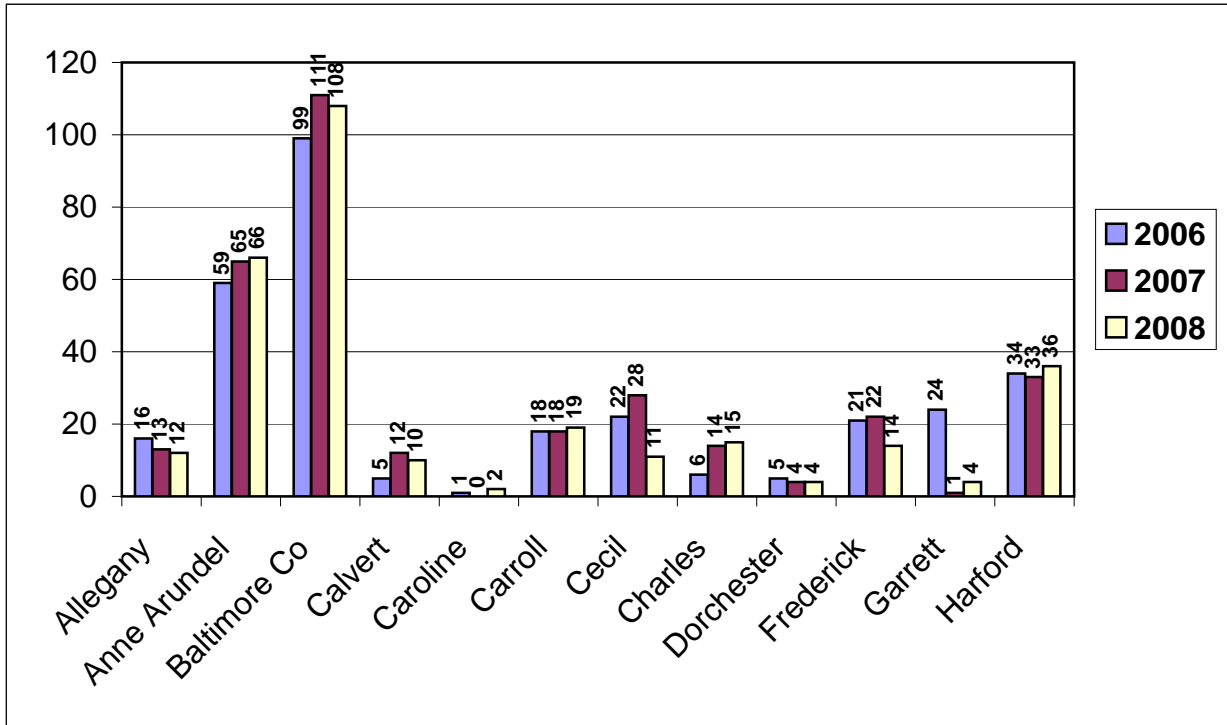
\*Drugs include heroin, morphine, cocaine, methadone and phencyclidine.



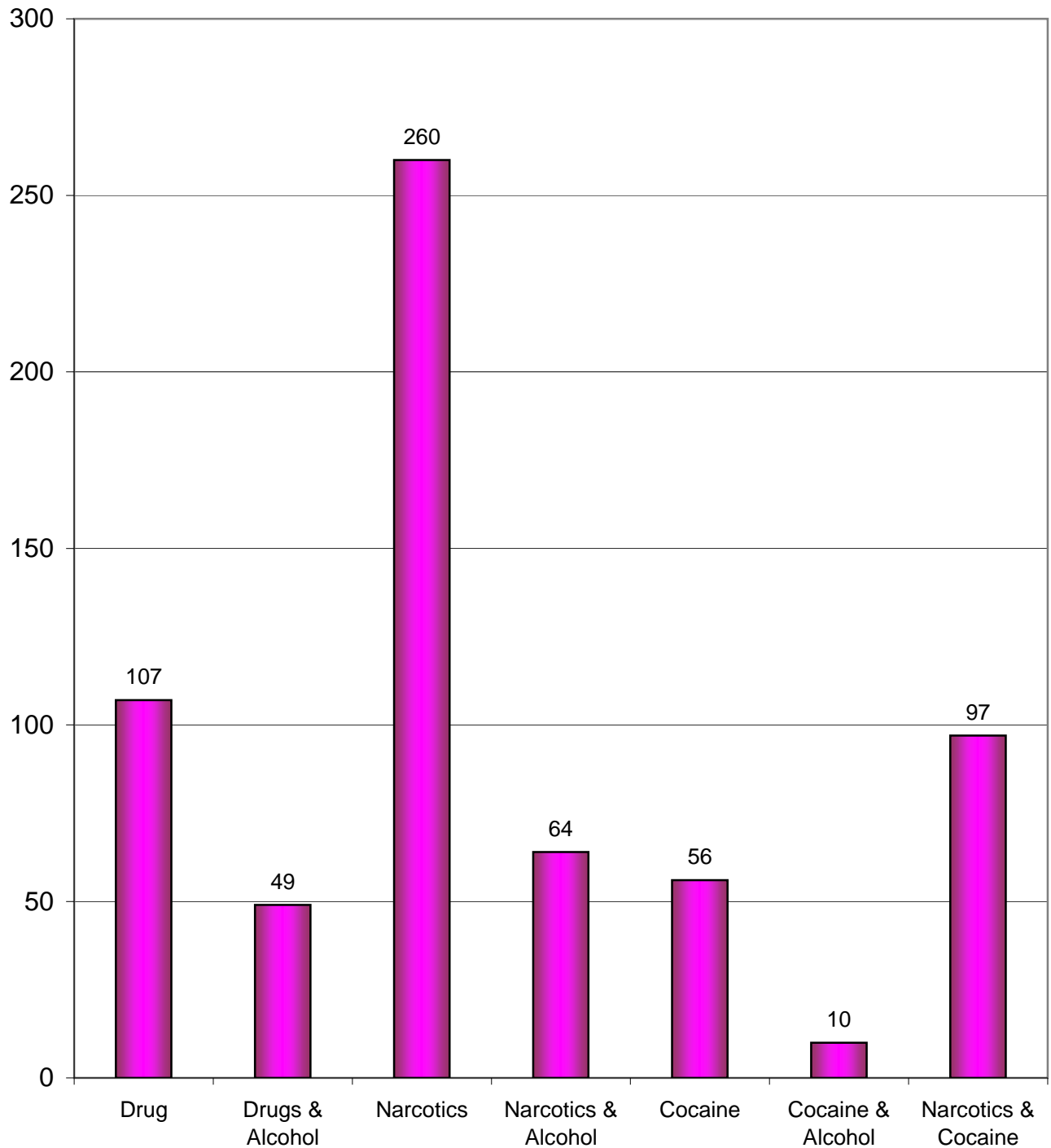
# Drug Abuse Deaths

## 3 Year Comparison by Jurisdiction

### 2006 - 2008



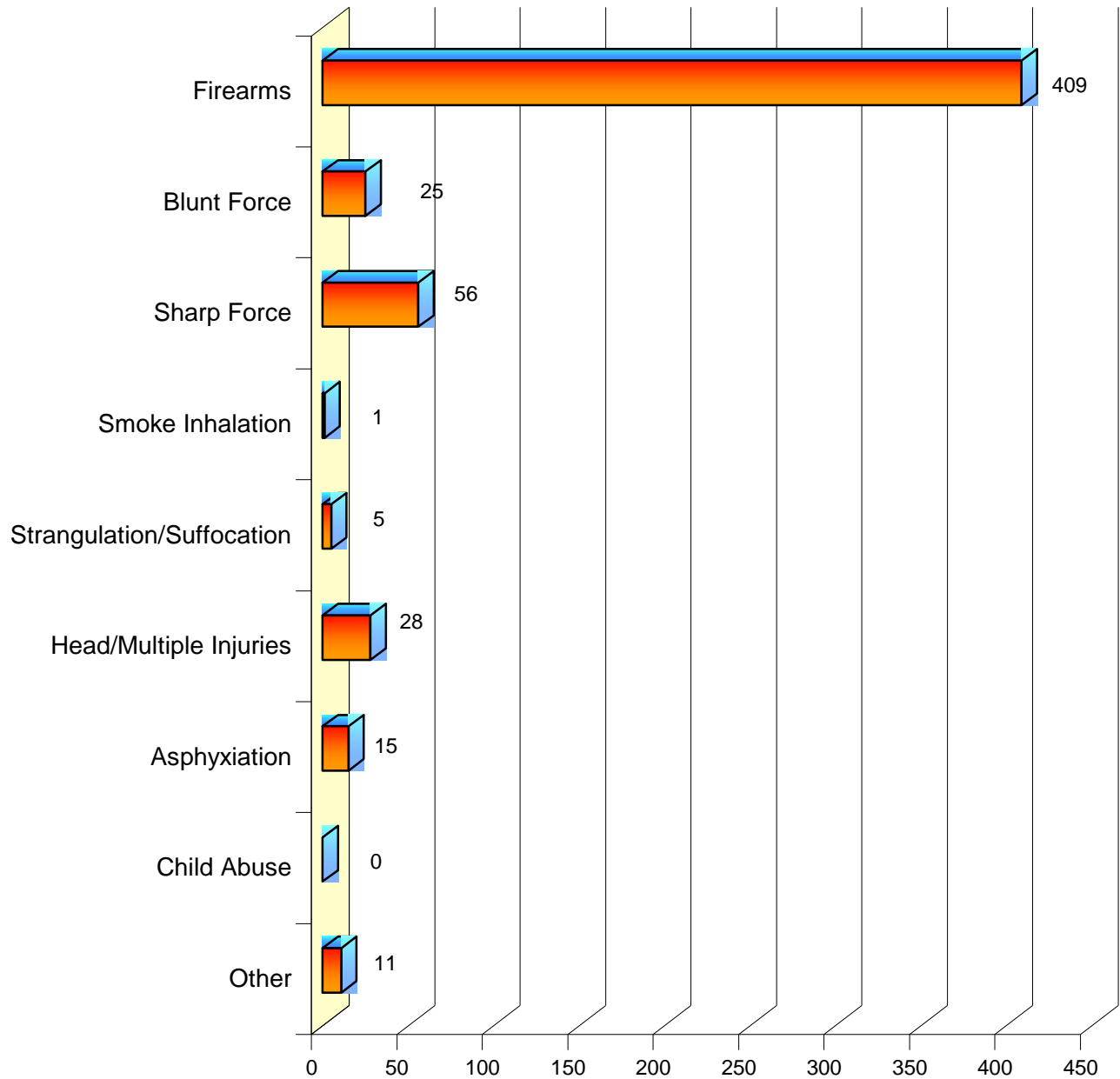
# 2008 Drug Abuse Deaths Undetermined Manner



*Narcotics include Heroin, Morphine, Methadone, Phencyclidine  
Drugs include Prescription Medications*

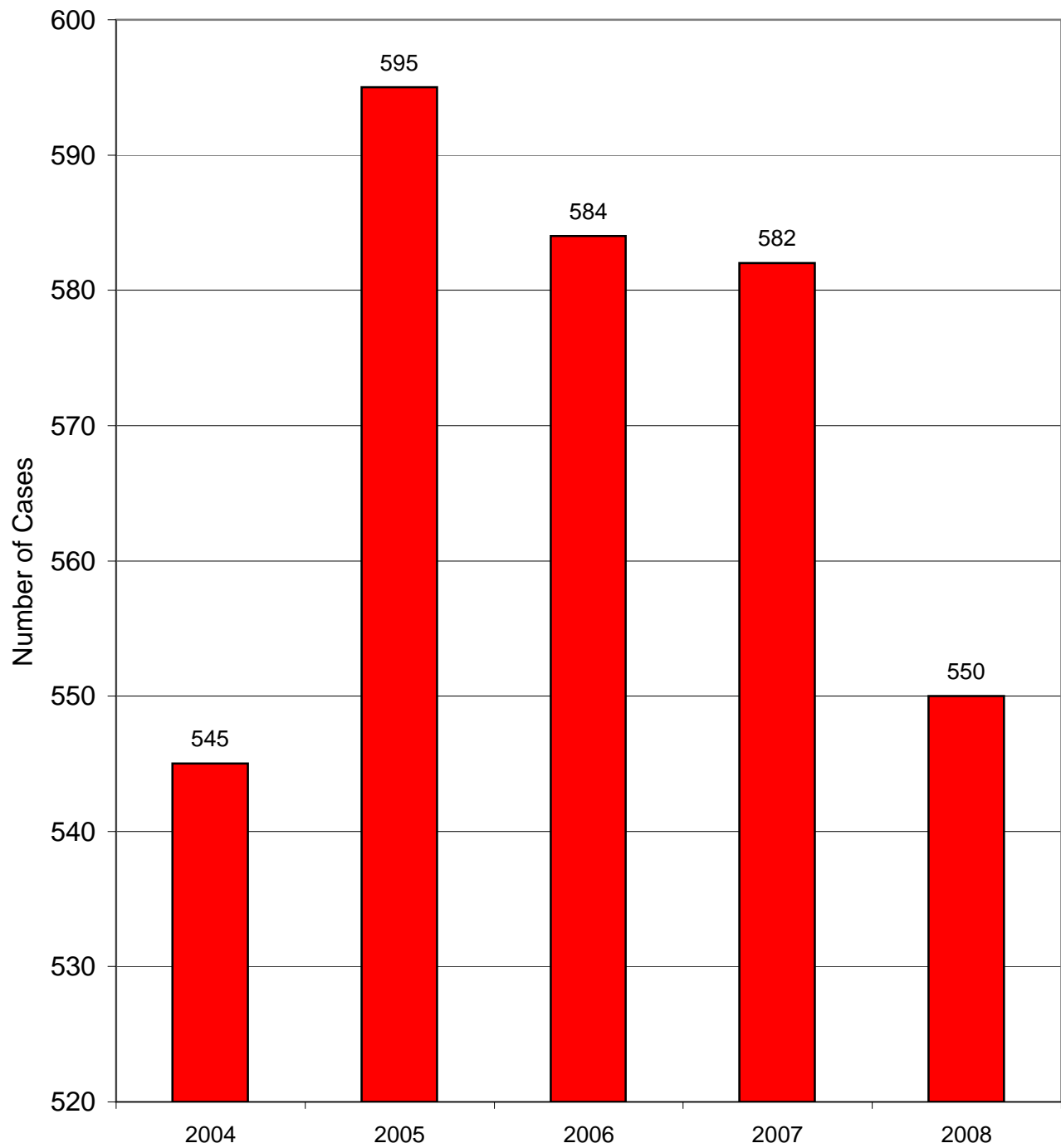
**Total Cases - 643**

# 2008 Homicide Deaths Cause of Death

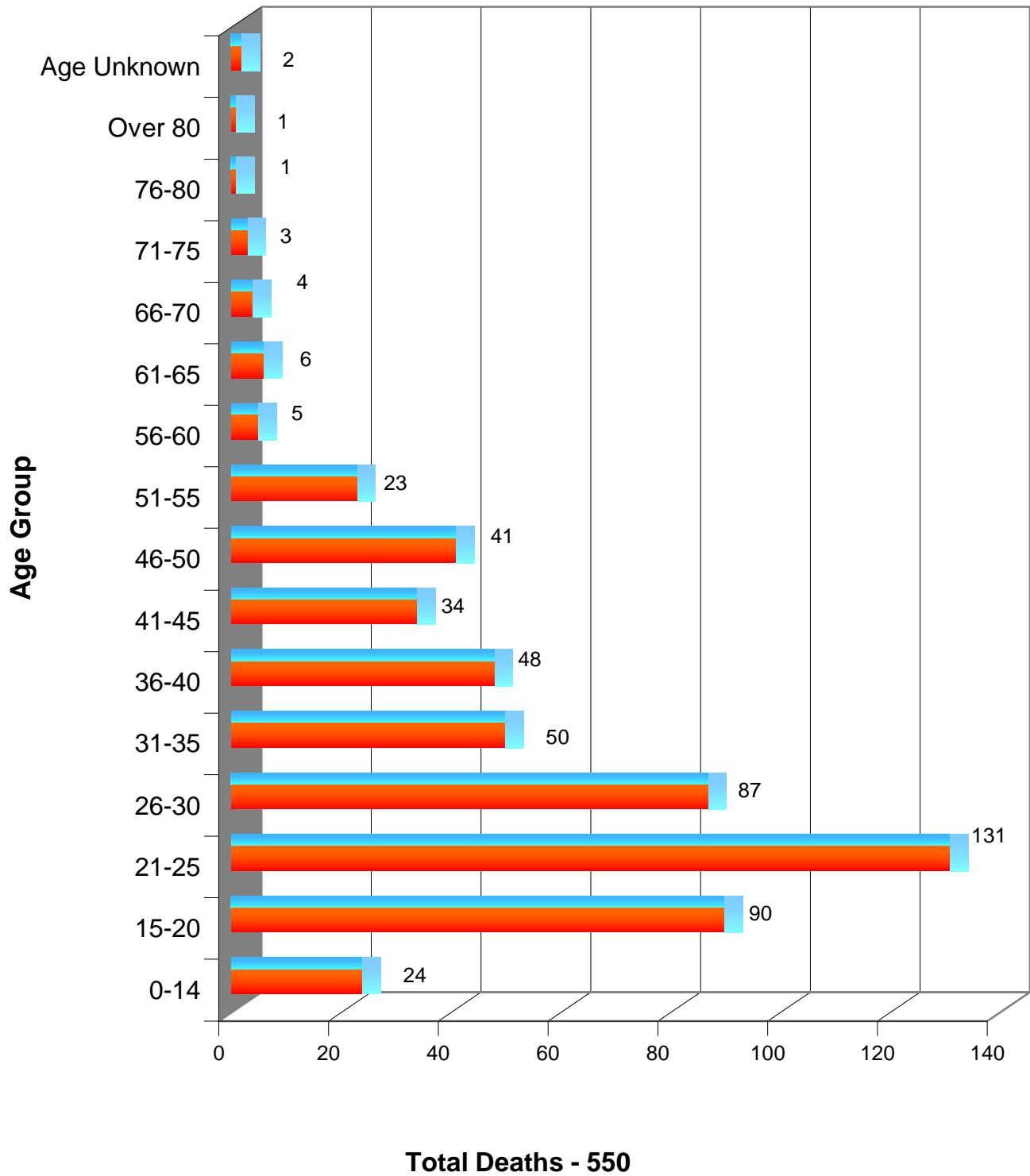


**Total Deaths - 550**

# Homicides 5 Year Comparison 2004 - 2008

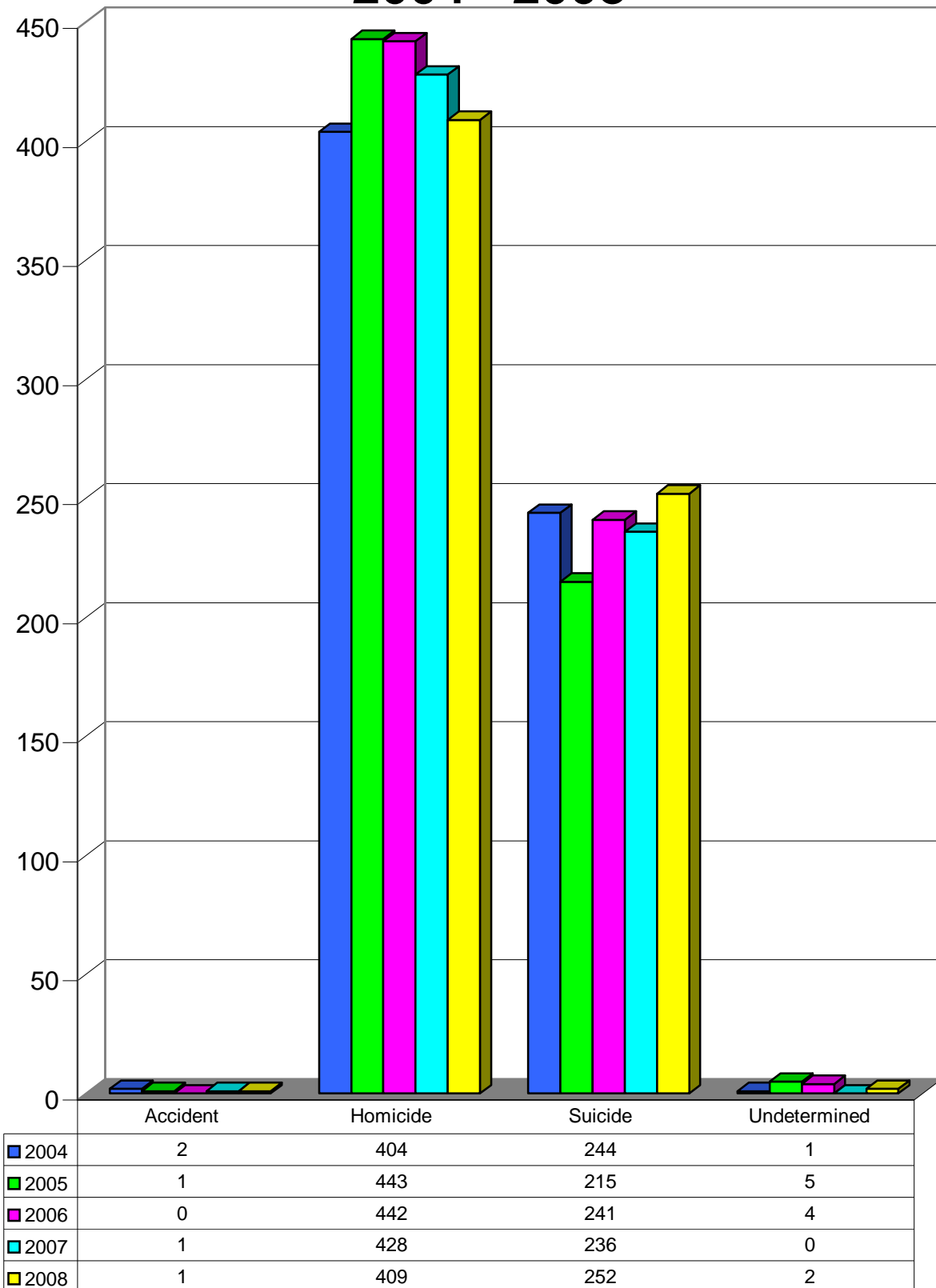


# 2008 Homicides Deaths by Age

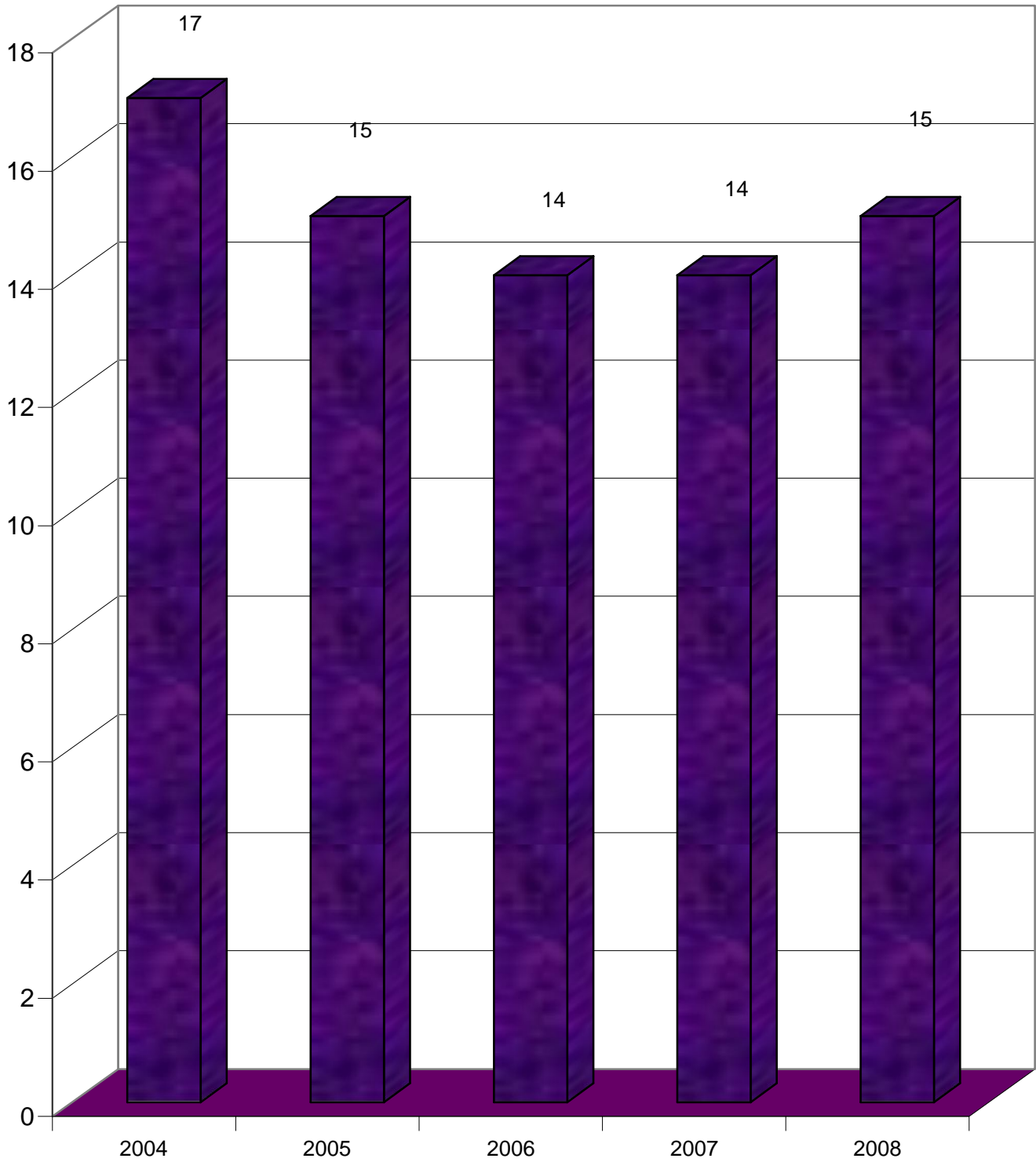




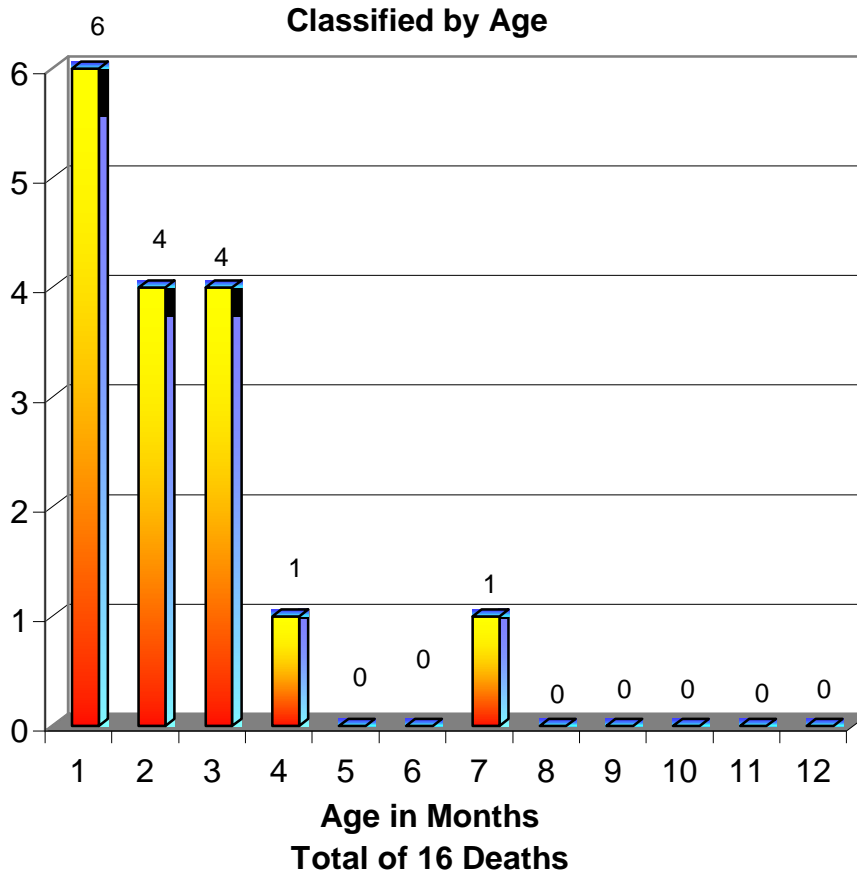
# Firearm Deaths 2004 - 2008



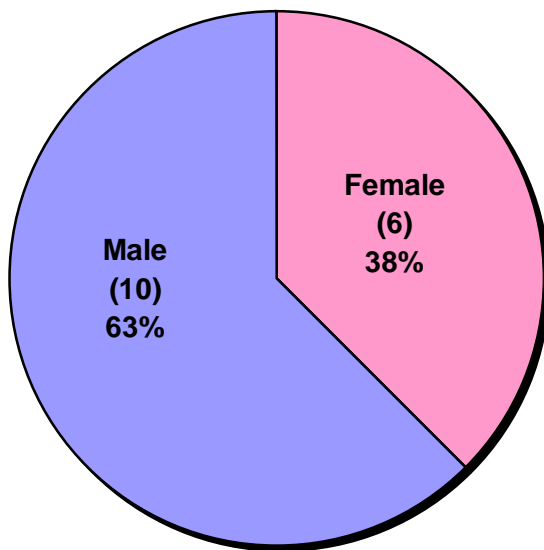
# SIDS Deaths 2004 - 2008 Comparison



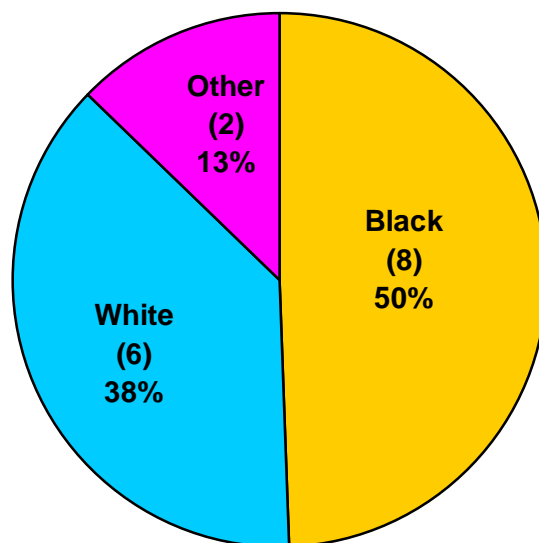
# Sudden Infant Death Syndrome 2008



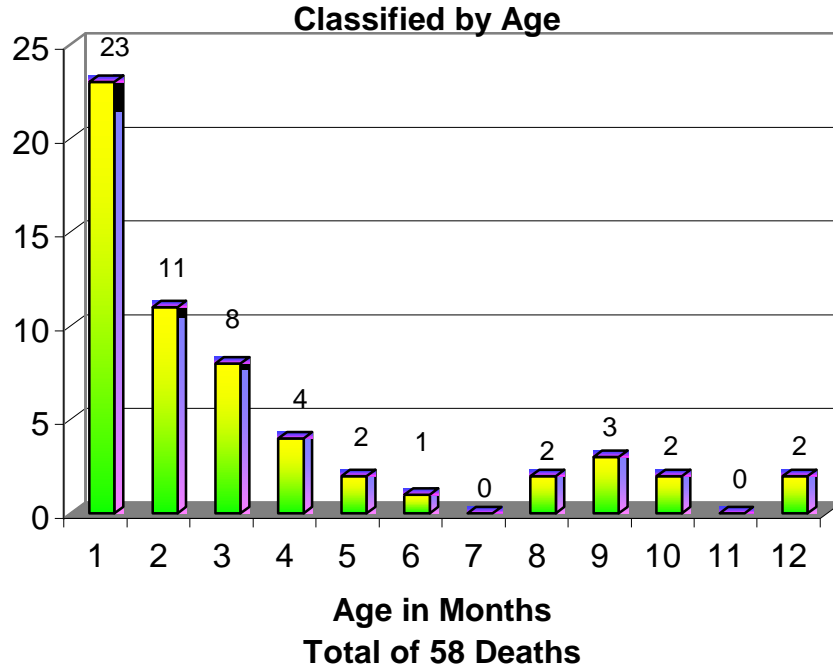
**Classified by Sex**



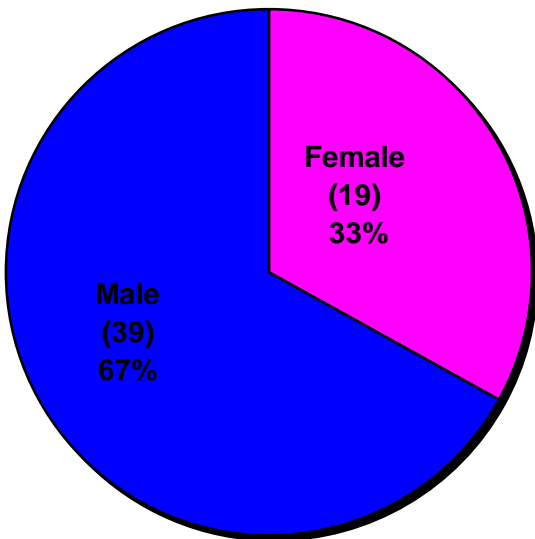
**Classified by Race**



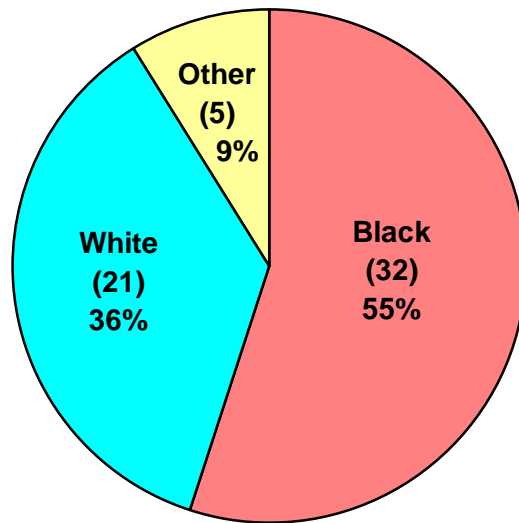
# Sudden Unexplained Death In Infancy 2008



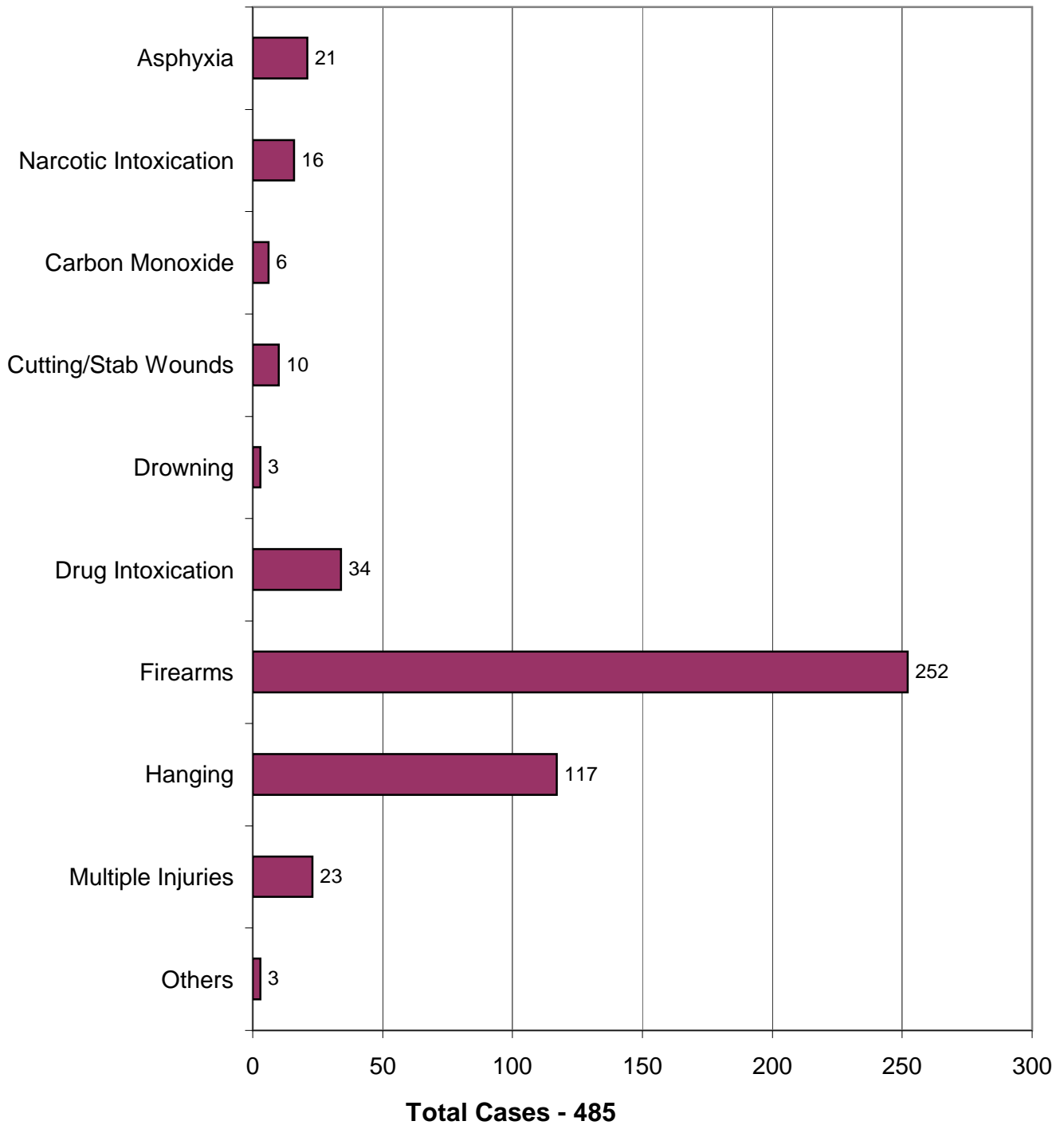
**Classified by Sex**



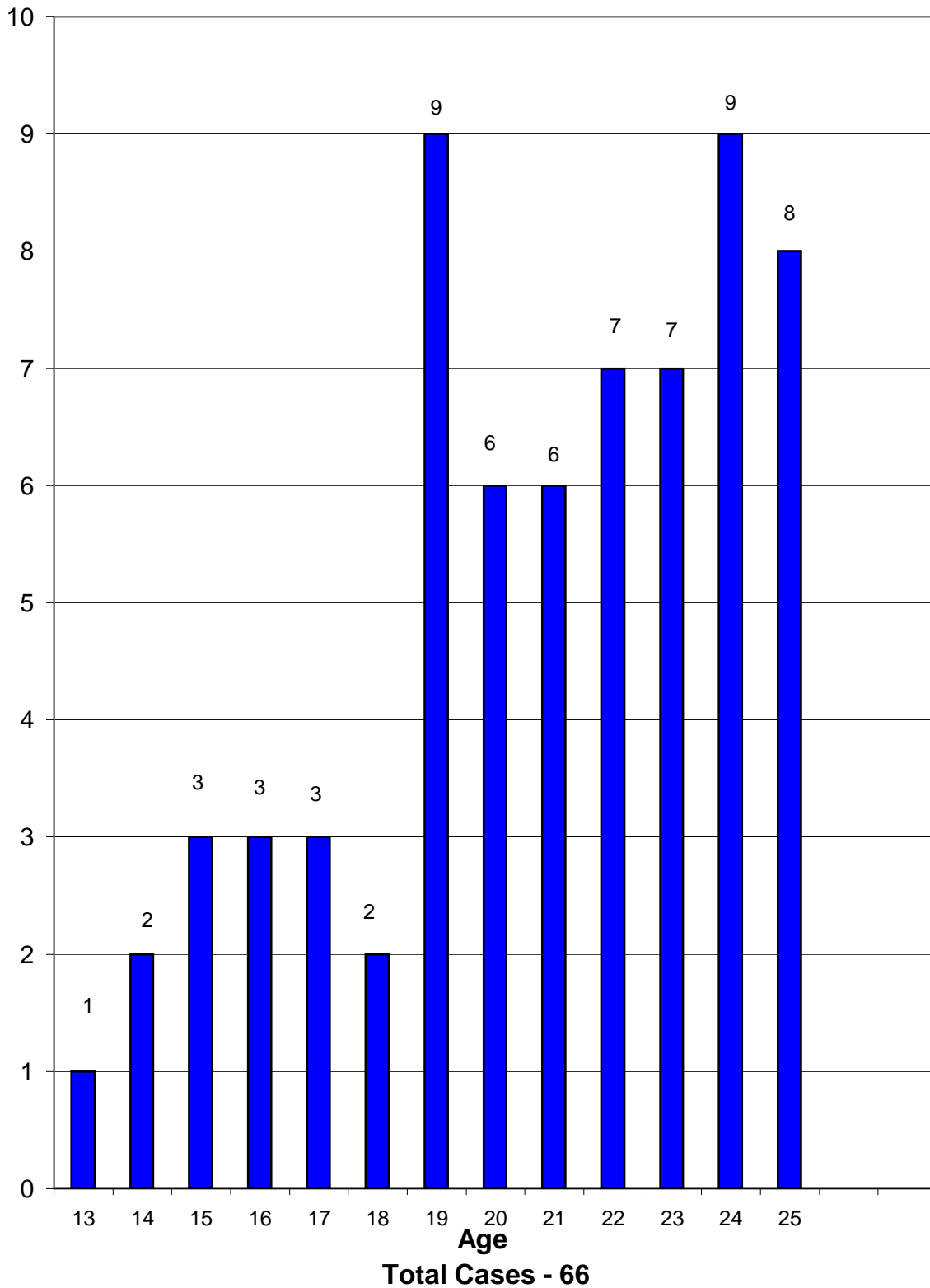
**Classified by Race**



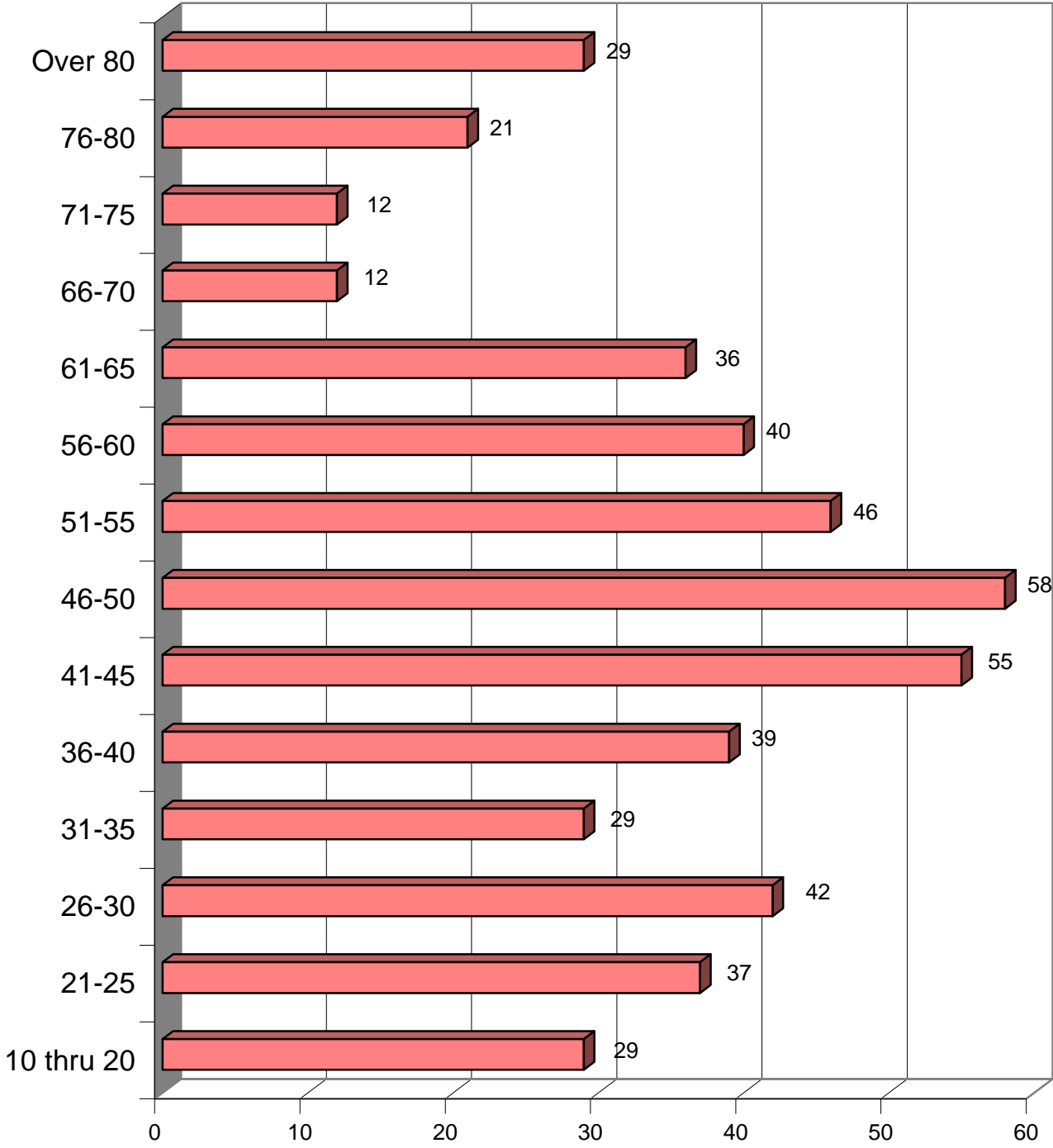
# 2008 Suicide Deaths Classified by Cause of Death



# 2008 Youth Suicides 25 Years of Age and Under

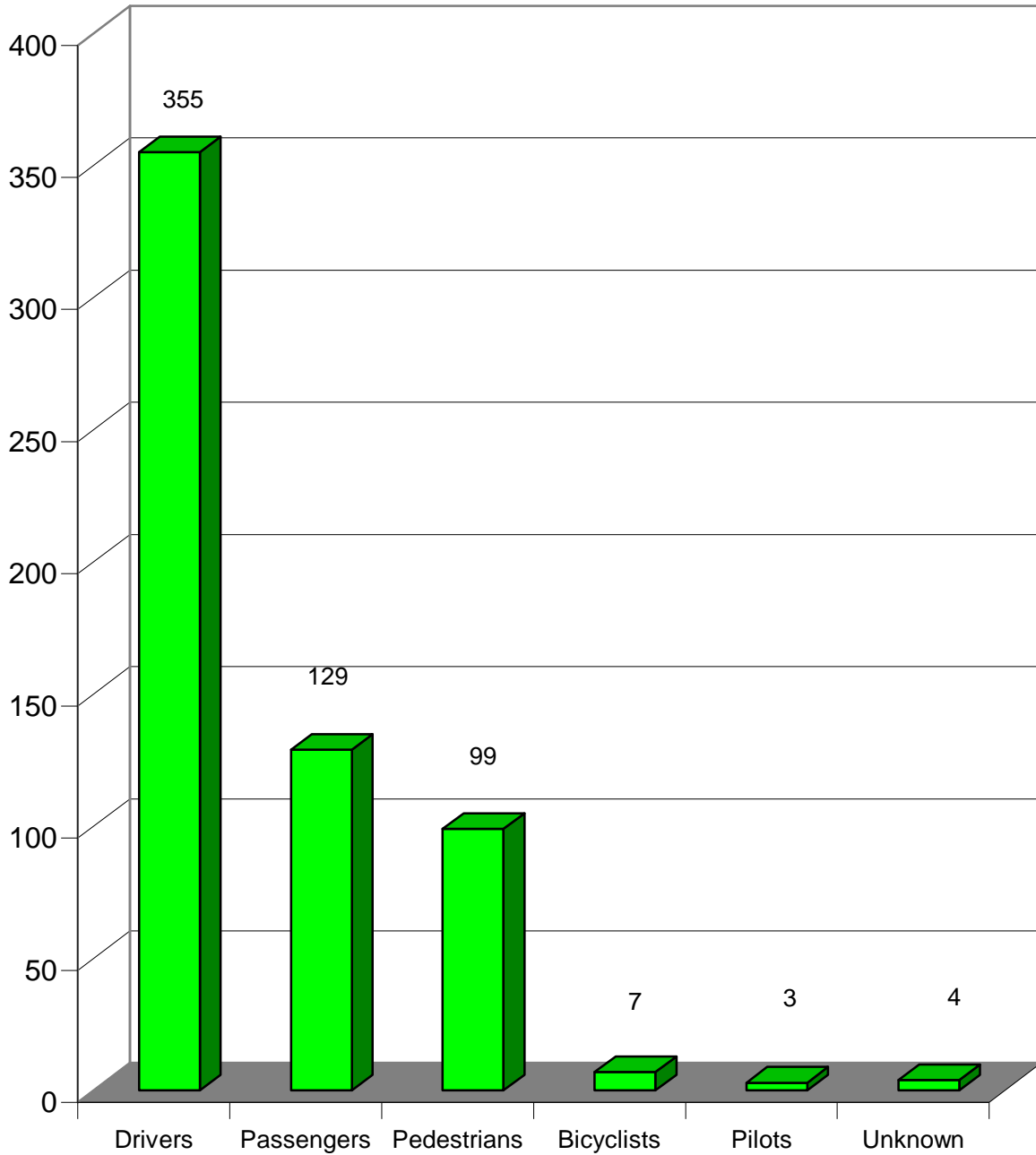


# 2008 Suicide Deaths by Age



**Total Deaths - 485**

# 2008 Transportation Accidents\* Classified by Activity



\*Includes motor vehicles, boats, planes, bicycles and trains

**Total Cases - 597**

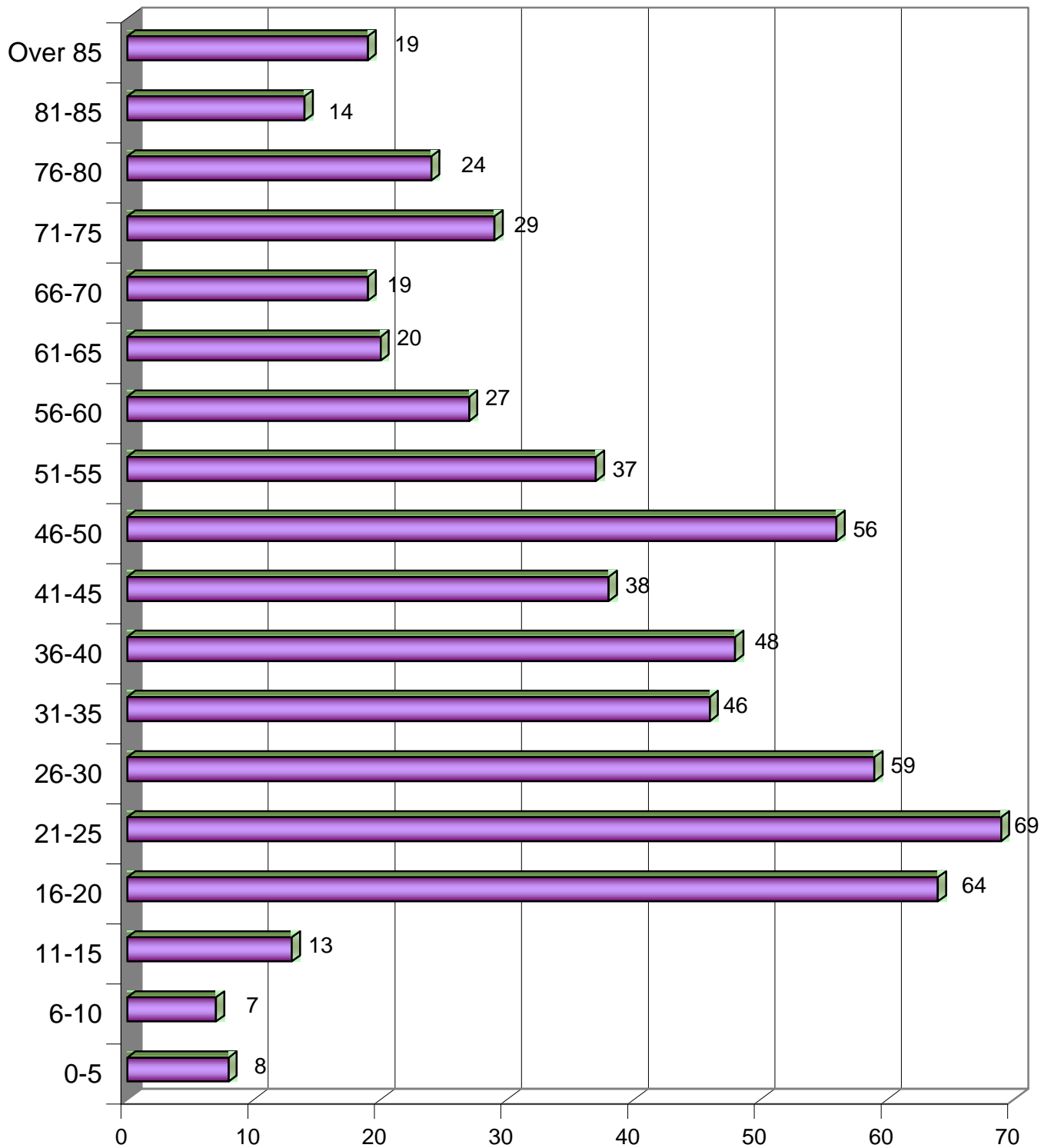


# 2008 Transportation Deaths

## Type of Vehicle

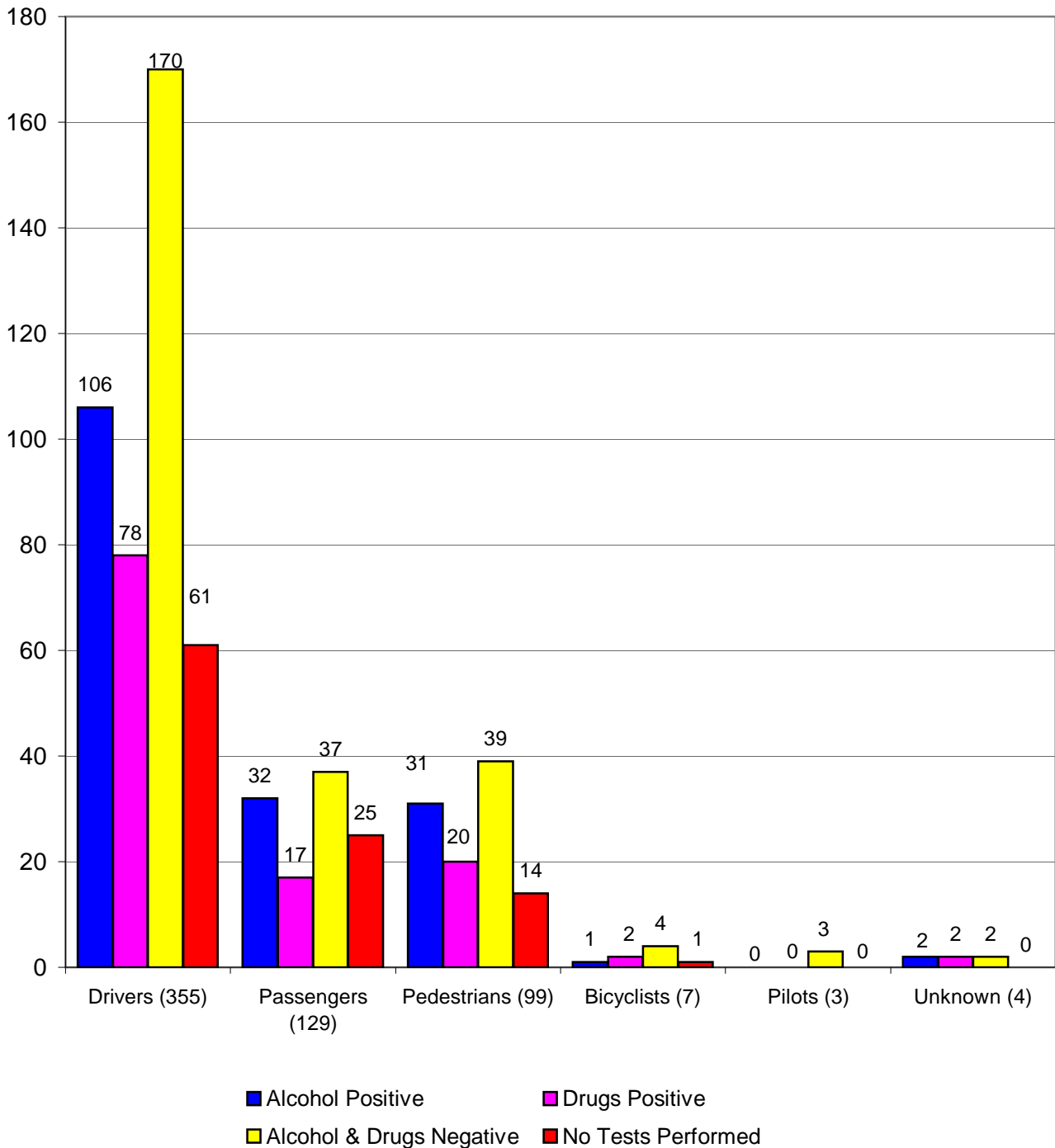


# 2008 Transportation Deaths By Age



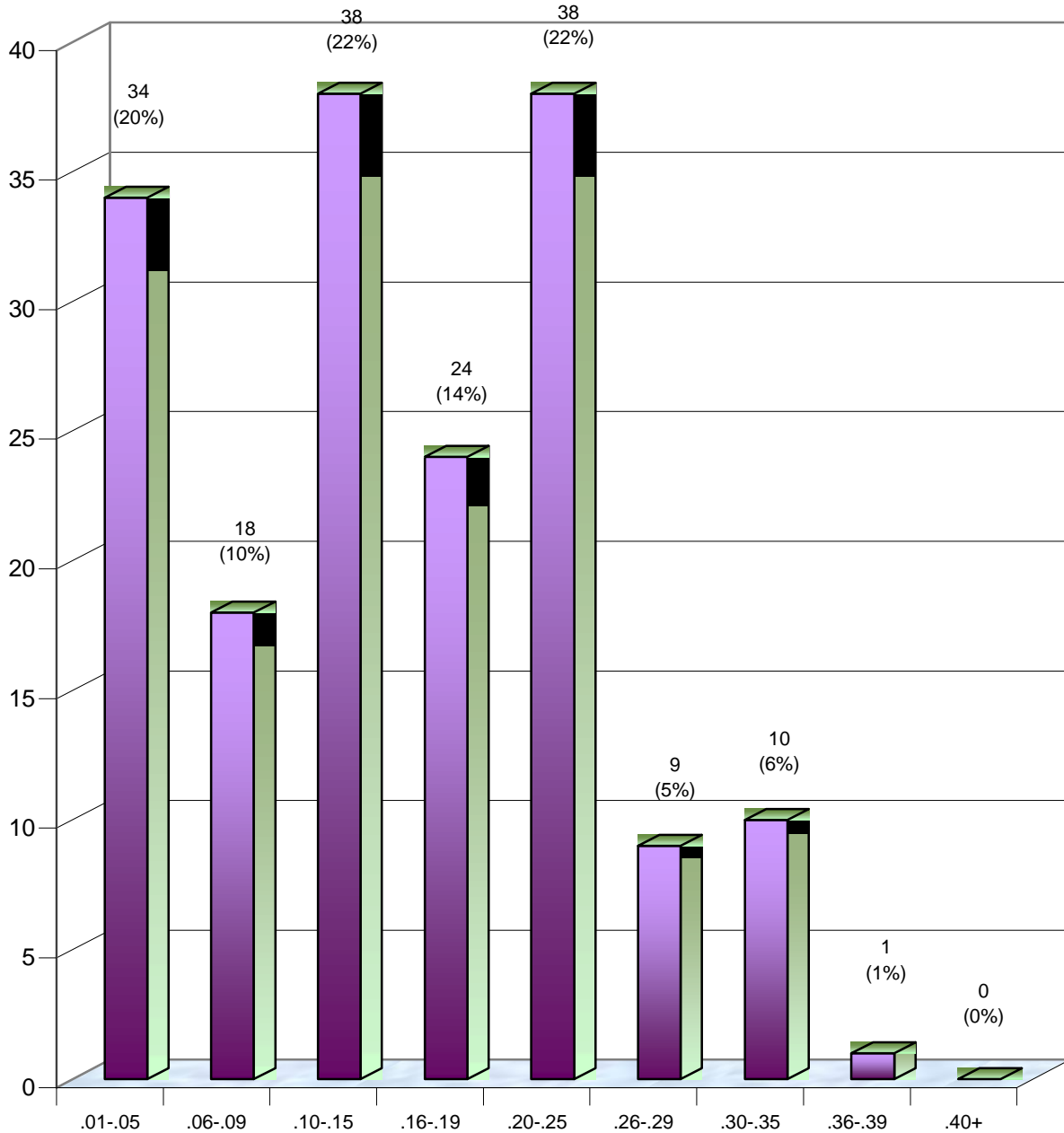
Total Cases - 597

## 2008 Transportation Accidents Alcohol/Drug Results



**597 Transportation Deaths**

# 2008 Transportation Deaths Blood Alcohol Concentration in 172 Cases 34%\* Tested Positive



**597 Transportation Deaths  
334 Negative for Alcohol  
91 No Testing Performed**

\*Percent based on total cases tested for alcohol

## **ADDENDUM**

### Miscellaneous Data

1. Number of autopsies 3167  
Number of partial autopsies 704
2. Organ donations 50
3. Unclaimed bodies released to State Anatomy Board 151
4. Exhumations One
5. Bodies transported to the OCME 4197