

# **Drugs Identified in Deceased Persons by Florida Medical Examiners**

## **2007 Report**



## Data Collection

The Office of Vital Statistics reported more than 168,900 deaths occurred in Florida during 2007. Of these, the medical examiners reported on 8,620 drug-related deaths (whether the cause of death or merely present) through toxicology reports submitted to the Medical Examiners Commission. This is an increase of 11% from 7,741 cases reported in 2006. The vast majority of these 8,620 cases involved more than one drug listed in the report.

The state's medical examiners were asked to distinguish between the drugs being the "cause" of death or merely "present" in the body at the time of death. Although there were deaths involving other drugs in Florida, data was collected on the following drugs for this report:

- ✓ Benzodiazepines (Alprazolam, Diazepam, Flunitrazepam (Rohypnol), other Benzodiazepines);
- ✓ Cannabinoids;
- ✓ Carisoprodol/Meprobamate;
- ✓ Cocaine;
- ✓ Ethyl Alcohol;
- ✓ Gamma-Hydroxybutyric Acid (GHB);
- ✓ Inhalants (Freon, Nitrous Oxide, Difluoroethane, other Inhalants);
- ✓ Ketamine;
- ✓ Methylated Amphetamines (Amphetamines, Methamphetamine, MDMA (Ecstasy), MDA, MDEA, other Methylated Amphetamines);
- ✓ Opioids (Fentanyl, Heroin, Hydrocodone, Hydromorphone, Meperidine, Methadone, Morphine, Oxycodone, Propoxyphene, Tramadol, other Opioids);  
and
- ✓ Phencyclidine (PCP).

Questions regarding this report can be directed to Medical Examiners Commission Chairman, Stephen J. Nelson, M.A., M.D., or Commission staff.

# Report Summary

Some general statewide trends for 2007 are listed below:

- ✓ The three most frequently occurring drugs found in decedents were Ethyl Alcohol (4,179), all Benzodiazepines (2,627), and Cocaine (2,179).
- ✓ The drugs that caused the most deaths were Cocaine (843), Methadone (785), all Benzodiazepines (743 – includes 572 deaths caused by Alprazolam), Oxycodone (705), Ethyl Alcohol (466), Hydrocodone (264), and Morphine (255).
- ✓ The four drugs that were the most lethal (more than 50% of the deaths, in which these drugs were found were caused by the drug) were Heroin (84.5%), Methadone (71.7%), Fentanyl (59.4%), and Oxycodone (56.3%).
- ✓ The prescription drugs (Benzodiazepines, Carisoprodol/Meprobamate, and all Opioids excluding Heroin) tracked through this report continued to be found more often than illicit drugs in both lethal (76%) and non-lethal (65%) levels. Prescription drugs account for 69% of all drug occurrences in this report when Ethyl Alcohol is excluded.
- ✓ Occurrences of Oxycodone and Hydrocodone showed an increase of 35.8% and 10.4%, respectively when compared with 2006. Also, deaths caused by Oxycodone (209 more than 2006) and Hydrocodone (28 more than 2006) increased this year.
- ✓ Heroin continues to be the most lethal drug named in this report. Occurrences of Heroin have increased by 14.6%, deaths caused by Heroin also increased by 19.2% when compared with 2006.
- ✓ Methadone occurrences increased by 12.4%, and deaths caused by Methadone rose by 9.6% when compared with 2006.
- ✓ Cocaine occurrences increased by 6.2% and deaths caused by Cocaine rose by 1.7% when compared with 2006. In 1987, 664 Cocaine-related deaths were reported (the first year data was tracked).
- ✓ Occurrences of Amphetamine, MDA, Meperidine, Methamphetamine and all Methylated Amphetamine cases notably decreased compared with 2006.
- ✓ Alprazolam (Xanax) and Diazepam (Valium) dominate the category of Benzodiazepines, where occurrences of Alprazolam increased by 29.6%. Diazepam also increased by 24.3% when compared to 2006.
- ✓ Codeine continues to be the predominant “Other Opioid” reported.
- ✓ The Medical Examiners Commission began tracking Difluoroethane as an "Other Inhalant" in 2007 and will track as an Inhalant in 2008.
- ✓ Following the publication of the Interim 2007 Drugs in Deceased Persons Report, a large district informed the Commission that drug deaths had been unintentionally underreported. This issue has been resolved and all 2007 data has been reported accurately. As a result of this oversight, the 2007 report may reflect significant increases in some drug deaths compared with 2006.

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# Florida Medical Examiner Districts

**District 1**

Escambia  
Okaloosa  
Santa Rosa  
Walton

**District 2**

Franklin  
Gadsden  
Jefferson  
Leon  
Liberty  
Taylor  
Wakulla

**District 3** \*Covered by

Columbia \*4

Dixie \*8

Hamilton \*4

Lafayette \*4

Madison \*2

Suwannee \*4

**District 4**

Clay  
Duval  
Nassau

**District 5**

Citrus  
Hernando  
Lake  
Marion  
Sumter

**District 6**

Pasco  
Pinellas

**District 7**

Volusia

**District 8**

Alachua  
Baker  
Bradford  
Gilchrist  
Levy  
Union

**District 9**

Orange  
Osceola

**District 10**

Hardee  
Highlands  
Polk

**District 11**

Dade

**District 12**

DeSoto  
Manatee  
Sarasota

**District 13**

Hillsborough

**District 14**

Bay  
Calhoun  
Gulf  
Holmes  
Jackson  
Washington

**District 15**

Palm Beach

**District 16**

Monroe

**District 17**

Broward

**District 18**

Brevard

**District 19**

Indian River

Martin

Okeechobee

St. Lucie

**District 20**

Collier

**District 21**

Glades

Hendry

Lee

**District 22**

Charlotte

**District 23**

Flagler

Putnam

St. Johns

**District 24** \*Covered by  
Seminole \*7

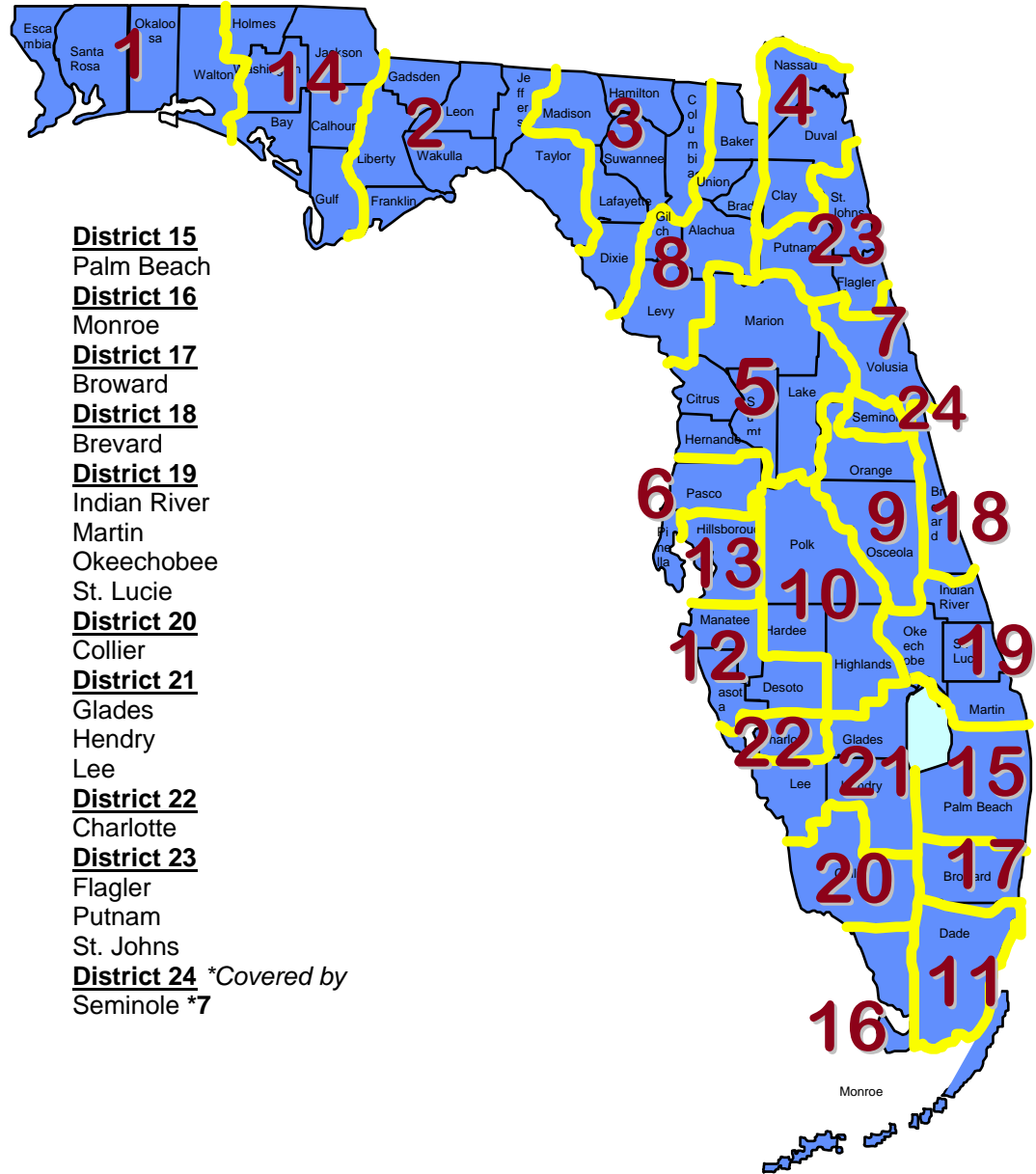


Table 1

## Summary of Drug-Related Deaths January – December 2007

Drug Found in Body		Total Occurrences	Cause	Present
Ethyl Alcohol		4,179	466	3,713
Methylated Amphetamines	<b>All Methylated Amphetamine cases*</b>	201	53	148
	Amphetamine	103	21	82
	Methamphetamine	107	25	82
	MDMA	76	16	60
	MDA	36	7	29
	MDEA	1	0	1
	Other Methylated Amphetamines	2	0	2
	Benzodiazepines	<b>All Benzodiazepine cases*</b>	2,627	743
Alprazolam		1,448	572	876
Diazepam		767	174	593
Flunitrazepam (Rohypnol)		0	0	0
Other Benzodiazepines		1,124	132	992
Cannabinoids		1,103	0	1,103
Carisoprodol/Meprobamate		337	88	249
Cocaine		2,179	843	1,336

\*Note: Many of the deaths were found to have several drugs contributing to the death, thus the count of specific drugs listed is greater than the number of cases.

Table 1

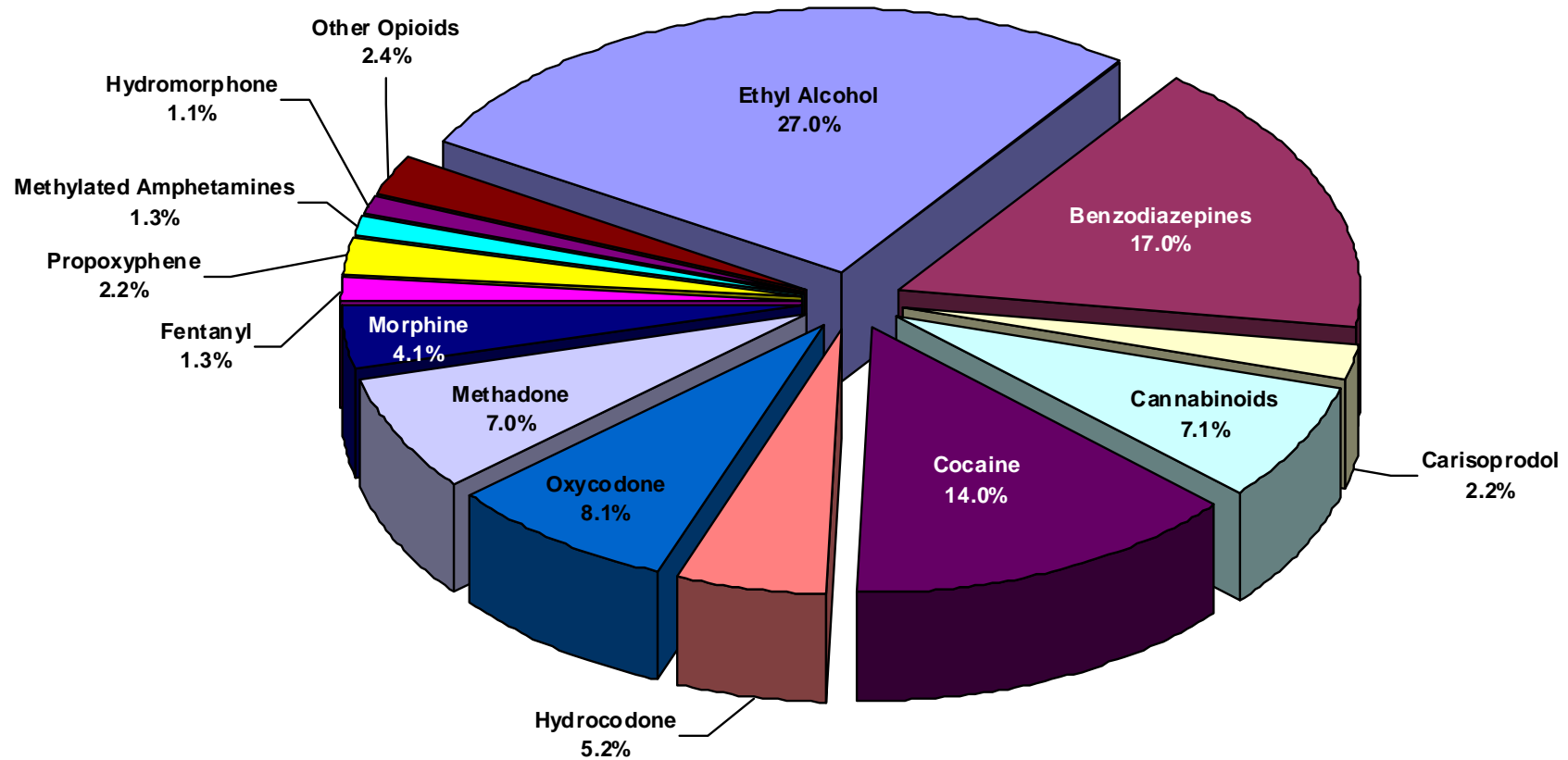
## Summary of Drug-Related Deaths (continued)

	Drug Found in Body	Total Occurrences	Cause	Present
Inhalants	Freon	2	2	0
	Nitrous Oxide (N <sub>2</sub> O)	2	2	0
	Difluoroethane	8	5	3
	Other Inhalants	2	2	0
GHB		5	2	3
Ketamine		5	2	3
Phencyclidine (PCP)		1	1	0
Opioids	Heroin (only illicit opioid)	110	93	17
	Fentanyl	197	117	80
	Hydrocodone	807	264	543
	Hydromorphone	178	36	142
	Meperidine	33	3	30
	Methadone	1,095	785	310
	Morphine	630	255	375
	Oxycodone	1,253	705	548
	Propoxyphene	341	85	256
	Tramadol	157	35	122
	Other Opioids	368	43	325

*\*Note: Many of the deaths were found to have several drugs contributing to the death, thus the count of specific drugs listed is greater than the number of cases.*

Chart 1

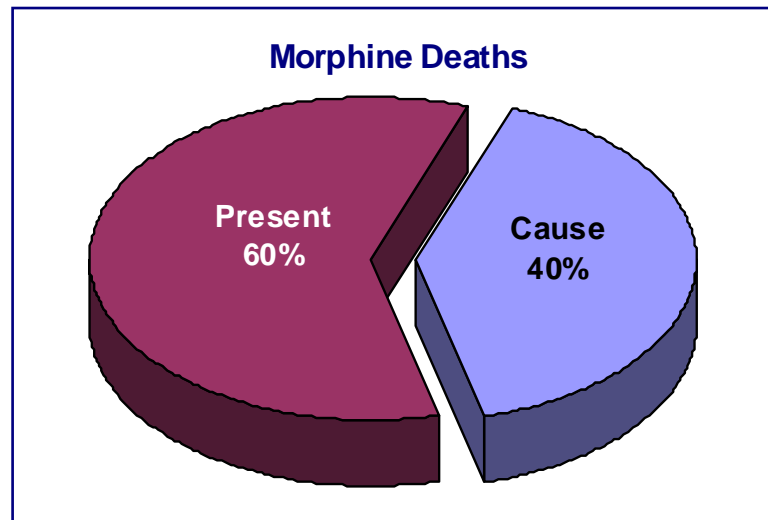
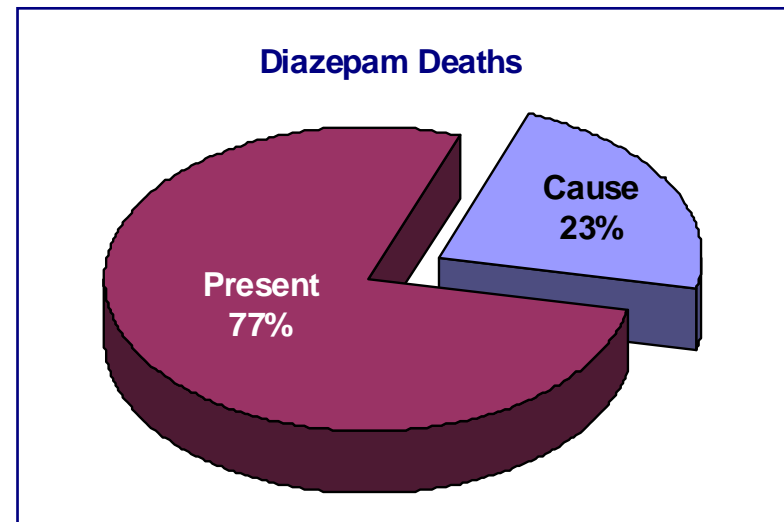
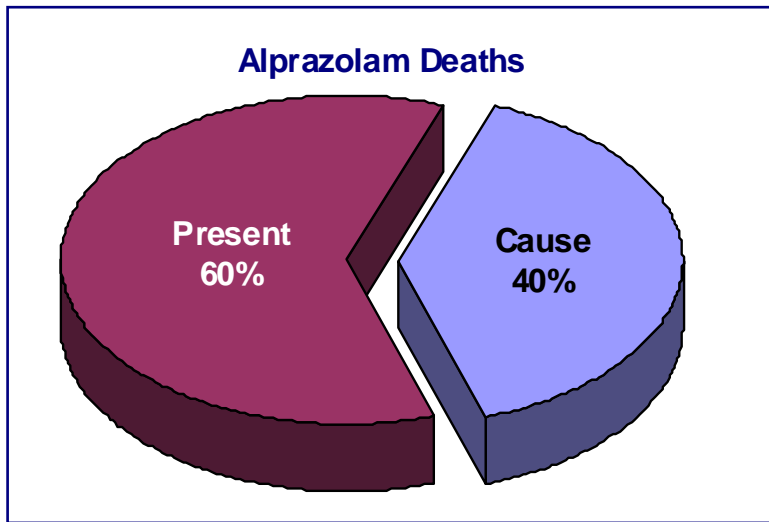
## Frequency of Occurrence of Drugs in Decedents January – December 2007



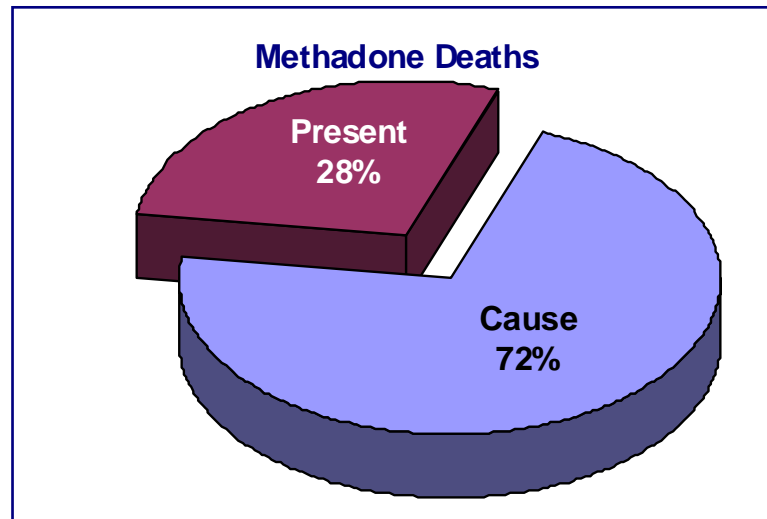
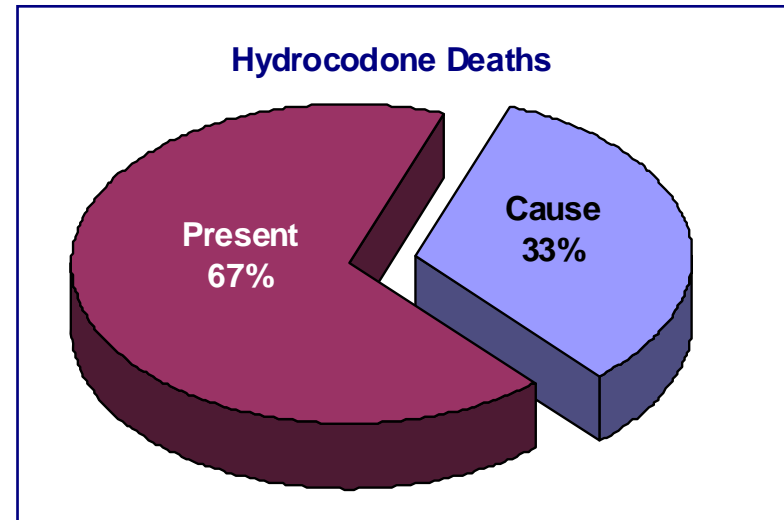
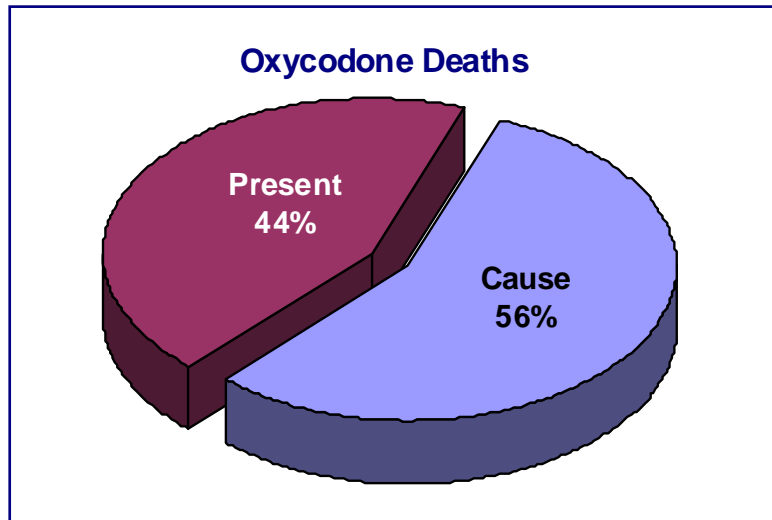
Heroin, GHB, Ketamine, Freon, Hydromorphone, Meperidine, PCP, Tramadol, and other inhalants constituted less than 1% of the drug frequencies.

Note: Many of the deaths were found to have several drugs contributing to the death, thus the count of specific drugs is greater than the number of cases.

## Drug Detected at Death: Lethal vs. Non-Lethal



## Drug Detected at Death: Lethal vs. Non-Lethal



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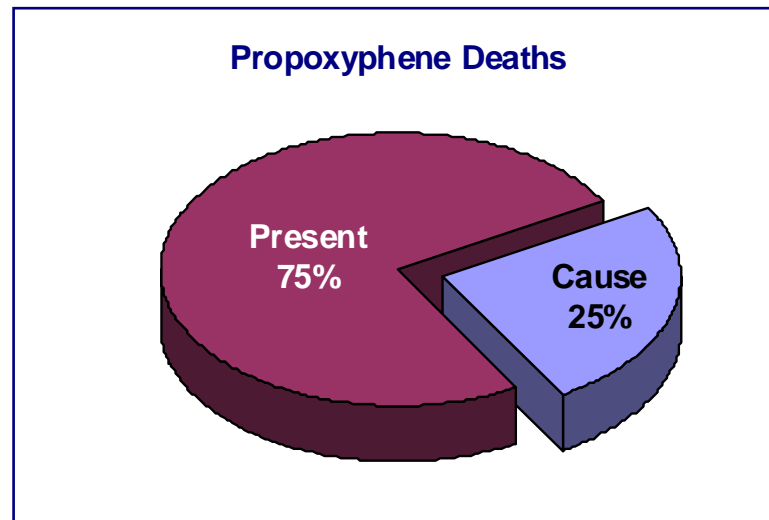
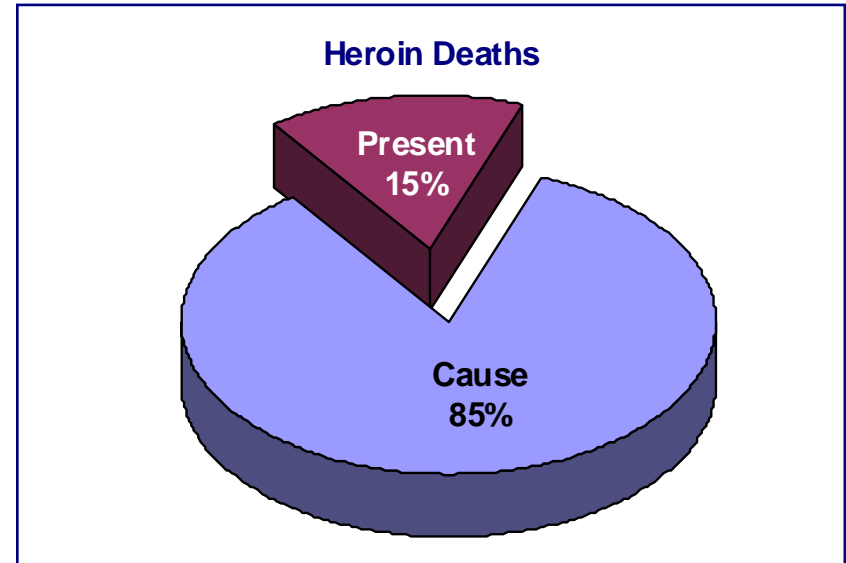
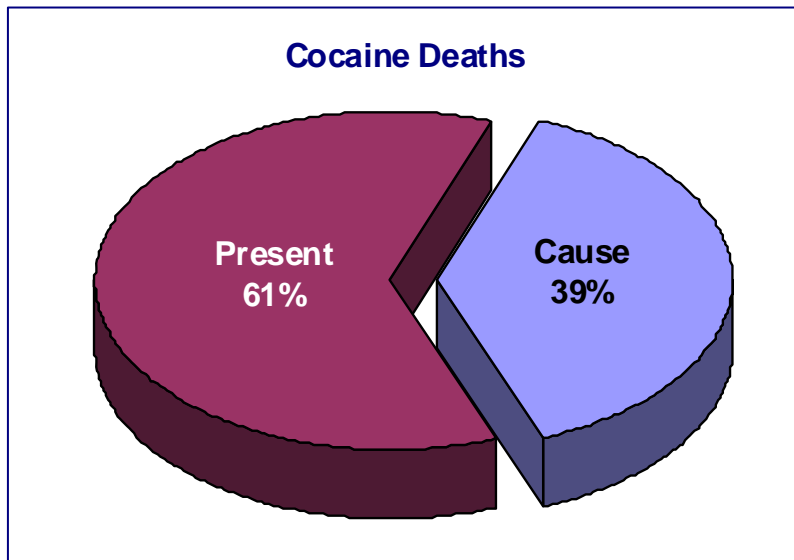


Table 2

## Comparison of Drug-Related Deaths 2006 vs. 2007

Drug Found in Body		2006	2007	Percentage Change
Ethyl Alcohol		3,698	4,179	13.0%
Methylated Amphetamines	<b>All Methylated Amphetamine cases</b>	207	201	-2.9%
	Amphetamine	122	103	-15.6%
	Methamphetamine	117	107	-8.5%
	MDMA	67	76	13.4%
	MDA	42	36	-14.3%
	MDEA	0	1	*
	Other Methylated Amphetamines	9	2	*
Benzodiazepines	<b>All Benzodiazepine cases</b>	1,987	2,627	32.2%
	Alprazolam	1,117	1,448	29.6%
	Diazepam	617	767	24.3%
	Flunitrazepam (Rohypnol)	1	0	*
	Other Benzodiazepines	1,025	1,124	9.7%
Cannabinoids		990	1,103	11.4%
Carisoprodol/Meprobamate		313	337	7.7%
Cocaine		2,052	2,179	6.2%

\* Note: Due to small sample size, percentage change was not calculated.

Table 2

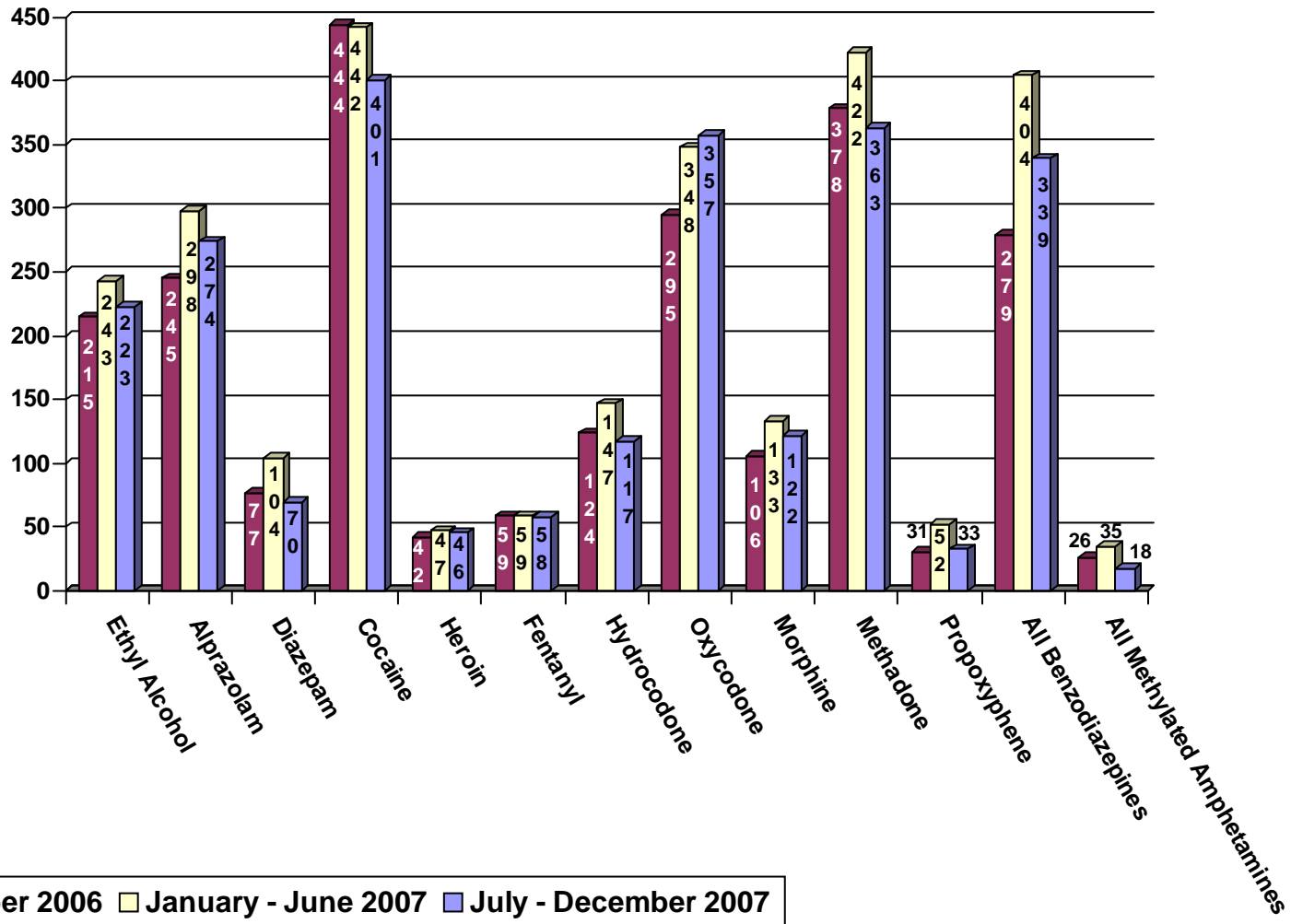
## Comparison of Drug-Related Deaths (continued)

Drug Found in Body		2006	2007	Percentage Change
Inhalants	Freon	1	2	*
	Nitrous Oxide (N2O)	1	2	*
	Other Inhalants	6	10	*
GHB		4	5	*
Ketamine		2	5	*
Phencyclidine (PCP)		1	1	*
Opioids	Heroin (only illicit opioid)	96	110	14.6%
	Fentanyl	187	197	5.3%
	Hydrocodone	731	807	10.4%
	Hydromorphone	138	178	29.0%
	Meperidine	46	33	-28.3%
	Methadone	974	1,095	12.4%
	Morphine	601	630	4.8%
	Oxycodone	923	1,253	35.8%
	Propoxyphene	328	341	4.0%
	Tramadol	140	157	12.1%
	Other Opioids	318	368	15.7%

\* Note: Due to small sample size, percentage change was not calculated.

Chart 3

## Lethal Drug Occurrences July 2006 – December 2007



■ July - December 2006  
 ■ January - June 2007  
 ■ July - December 2007

*Note: Due to small sample size, some drugs are not included in the above chart.*

Table 3

## Alprazolam Deaths January – December 2007

Medical Examiner District & Area of Florida		Total Deaths with Alprazolam			Deaths with Alprazolam Only			Deaths with Alprazolam in Combination with Other Drugs		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	54	19	35	0	0	0	54	19	35
2	Tallahassee	16	4	12	0	0	0	16	4	12
3	Live Oak	5	4	1	0	0	0	5	4	1
4	Jacksonville	140	61	79	7	0	7	133	61	72
5	Leesburg	30	15	15	1	1	0	29	14	15
6	St. Petersburg	174	37	137	6	2	4	168	35	133
7	Daytona Beach	57	3	54	2	0	2	55	3	52
8	Gainesville	31	17	14	1	1	0	30	16	14
9	Orlando	56	31	25	4	0	4	52	31	21
10	Lakeland	66	0	66	0	0	0	66	0	66
11	Miami	101	39	62	23	1	22	78	38	40
12	Sarasota	61	36	25	8	0	8	53	36	17
13	Tampa	132	89	43	14	0	14	118	89	29
14	Panama City	18	1	17	1	0	1	17	1	16
15	West Palm Bch	124	58	66	4	1	3	120	57	63
16	Florida Keys	15	9	6	1	0	1	14	9	5
17	Ft. Lauderdale	133	78	55	7	0	7	126	78	48
18	Melbourne	48	24	24	1	0	1	47	24	23
19	Ft. Pierce	45	13	32	1	0	1	44	13	31
20	Naples	26	0	26	3	0	3	23	0	23
21	Ft. Myers	35	22	13	1	0	1	34	22	12
22	Port Charlotte	23	1	22	1	0	1	22	1	21
23	St. Augustine	24	8	16	1	0	1	23	8	15
24	Sanford	34	3	31	2	0	2	32	3	29
<b>Statewide Totals</b>		<b>1,448</b>	<b>572</b>	<b>876</b>	<b>89</b>	<b>6</b>	<b>83</b>	<b>1,359</b>	<b>566</b>	<b>793</b>

Table 4

## Alprazolam Deaths by Age January – December 2007

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	54
2	Tallahassee	16
3	Live Oak	5
4	Jacksonville	140
5	Leesburg	30
6	St. Petersburg	174
7	Daytona Beach	57
8	Gainesville	31
9	Orlando	56
10	Lakeland	66
11	Miami	101
12	Sarasota	61
13	Tampa	132
14	Panama City	18
15	West Palm Bch	124
16	Florida Keys	15
17	Ft. Lauderdale	133
18	Melbourne	48
19	Ft. Pierce	45
20	Naples	26
21	Ft. Myers	35
22	Port Charlotte	23
23	St. Augustine	24
24	Sanford	34
<b>Statewide Totals</b>		<b>1,448</b>

Alprazolam Found at Lethal Levels						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
19	0	6	2	11	0	
4	0	1	1	2	0	
4	0	2	1	1	0	
61	0	11	18	25	7	
15	0	2	4	7	2	
37	0	8	10	12	7	
3	0	1	0	0	2	
17	0	3	6	5	3	
31	0	6	8	12	5	
0	0	0	0	0	0	
39	0	3	7	23	6	
36	0	9	6	14	7	
89	0	21	21	33	14	
1	0	0	0	0	1	
58	3	13	10	24	8	
9	1	2	3	3	0	
78	1	18	17	32	10	
24	0	3	4	12	5	
13	0	2	3	5	3	
0	0	0	0	0	0	
22	0	6	6	4	6	
1	0	0	1	0	0	
8	0	1	1	5	1	
3	0	0	0	2	1	
<b>572</b>	<b>5</b>	<b>118</b>	<b>129</b>	<b>232</b>	<b>88</b>	

Alprazolam Present (Non-Lethal)						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
35	0	3	8	16	8	
12	0	1	1	5	5	
1	0	0	0	1	0	
79	0	12	13	33	21	
15	0	4	1	6	4	
137	2	19	29	54	33	
54	0	8	10	26	10	
14	0	1	2	7	4	
25	0	3	3	10	9	
66	1	7	6	33	19	
62	2	5	5	28	22	
25	0	4	3	11	7	
43	0	4	2	24	13	
17	0	4	1	11	1	
66	2	12	13	22	17	
6	0	0	1	3	2	
55	1	6	10	19	19	
24	0	4	7	8	5	
32	1	7	7	10	7	
26	1	9	3	12	1	
13	0	0	2	7	4	
22	1	3	5	5	8	
16	0	2	3	6	5	
31	1	2	5	14	9	
<b>876</b>	<b>12</b>	<b>120</b>	<b>140</b>	<b>371</b>	<b>233</b>	

Table 5

## Diazepam Deaths January – December 2007

<b>Medical Examiner District &amp; Area of Florida</b>		<b>Total Deaths with Diazepam</b>			<b>Deaths with Diazepam Only</b>			<b>Deaths with Diazepam in Combination with Other Drugs</b>		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	26	5	21	0	0	0	26	5	21
2	Tallahassee	8	2	6	0	0	0	8	2	6
3	Live Oak	1	1	0	0	0	0	1	1	0
4	Jacksonville	52	12	40	4	0	4	48	12	36
5	Leesburg	16	4	12	0	0	0	16	4	12
6	St. Petersburg	103	11	92	0	0	0	103	11	92
7	Daytona Beach	52	2	50	9	0	9	43	2	41
8	Gainesville	20	10	10	0	0	0	20	10	10
9	Orlando	45	4	41	3	0	3	42	4	38
10	Lakeland	17	1	16	0	0	0	17	1	16
11	Miami	31	5	26	5	2	3	26	3	23
12	Sarasota	31	14	17	4	0	4	27	14	13
13	Tampa	36	23	13	4	0	4	32	23	9
14	Panama City	16	0	16	1	0	1	15	0	15
15	West Palm Bch	67	19	48	7	0	7	60	19	41
16	Florida Keys	14	5	9	0	0	0	14	5	9
17	Ft. Lauderdale	89	29	60	13	1	12	76	28	48
18	Melbourne	40	14	26	4	0	4	36	14	22
19	Ft. Pierce	32	0	32	2	0	2	30	0	30
20	Naples	11	0	11	0	0	0	11	0	11
21	Ft. Myers	34	10	24	2	0	2	32	10	22
22	Port Charlotte	5	1	4	0	0	0	5	1	4
23	St. Augustine	10	2	8	0	0	0	10	2	8
24	Sanford	11	0	11	0	0	0	11	0	11
<b>Statewide Totals</b>		<b>767</b>	<b>174</b>	<b>593</b>	<b>58</b>	<b>3</b>	<b>55</b>	<b>709</b>	<b>171</b>	<b>538</b>

Table 6

## Diazepam Deaths by Age January – December 2007

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	26
2	Tallahassee	8
3	Live Oak	1
4	Jacksonville	52
5	Leesburg	16
6	St. Petersburg	103
7	Daytona Beach	52
8	Gainesville	20
9	Orlando	45
10	Lakeland	17
11	Miami	31
12	Sarasota	31
13	Tampa	36
14	Panama City	16
15	West Palm Bch	67
16	Florida Keys	14
17	Ft. Lauderdale	89
18	Melbourne	40
19	Ft. Pierce	32
20	Naples	11
21	Ft. Myers	34
22	Port Charlotte	5
23	St. Augustine	10
24	Sanford	11
<b>Statewide Totals</b>		<b>767</b>

Diazepam Found at Lethal Levels					
Age of Decedent					
Total	< 18	18-25	26-34	35-50	>50
5	0	0	1	2	2
2	0	0	0	2	0
1	0	0	0	1	0
12	0	3	2	5	2
4	0	0	1	2	1
11	0	2	0	6	3
2	0	0	1	0	1
10	0	1	1	5	3
4	0	0	0	3	1
1	0	1	0	0	0
5	0	0	2	1	2
14	0	1	3	5	5
23	0	3	5	11	4
0	0	0	0	0	0
19	0	1	2	10	6
5	0	1	0	4	0
29	0	1	5	15	8
14	0	1	5	3	5
0	0	0	0	0	0
0	0	0	0	0	0
10	0	3	2	2	3
1	0	0	0	1	0
2	0	1	0	1	0
0	0	0	0	0	0
<b>174</b>	<b>0</b>	<b>19</b>	<b>30</b>	<b>79</b>	<b>46</b>

Diazepam Present (Non-Lethal)					
Age of Decedent					
Total	<18	18-25	26-34	35-50	>50
21	0	1	2	9	9
6	0	0	0	2	4
0	0	0	0	0	0
40	1	7	4	16	12
12	0	1	3	5	3
92	0	8	8	48	28
50	2	2	9	20	17
10	0	2	2	0	6
41	0	3	5	15	18
16	0	2	2	4	8
26	1	0	2	6	17
17	0	2	1	7	7
13	0	0	1	5	7
16	0	0	0	8	8
48	0	8	5	16	19
9	0	0	0	8	1
60	0	3	5	24	28
26	0	3	4	8	11
32	1	1	3	13	14
11	0	2	1	5	3
24	1	3	2	9	9
4	0	1	0	1	2
8	0	0	3	3	2
11	0	2	1	2	6
<b>593</b>	<b>6</b>	<b>51</b>	<b>63</b>	<b>234</b>	<b>239</b>

Table 7

## Oxycodone Deaths January – December 2007

<b>Medical Examiner District &amp; Area of Florida</b>		<b>Total Deaths with Oxycodone</b>			<b>Deaths with Oxycodone Only</b>			<b>Deaths with Oxycodone in Combination with Other Drugs</b>		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	22	6	16	3	1	2	19	5	14
2	Tallahassee	10	3	7	1	1	0	9	2	7
3	Live Oak	8	4	4	1	0	1	7	4	3
4	Jacksonville	81	29	52	5	0	5	76	29	47
5	Leesburg	27	19	8	4	2	2	23	17	6
6	St. Petersburg	189	131	58	13	7	6	176	124	52
7	Daytona Beach	60	18	42	3	1	2	57	17	40
8	Gainesville	20	5	15	3	0	3	17	5	12
9	Orlando	64	32	32	9	4	5	55	28	27
10	Lakeland	27	6	21	1	1	0	26	5	21
11	Miami	45	23	22	5	0	5	40	23	17
12	Sarasota	52	32	20	7	3	4	45	29	16
13	Tampa	115	81	34	21	5	16	94	76	18
14	Panama City	5	4	1	0	0	0	5	4	1
15	West Palm Bch	144	93	51	13	4	9	131	89	42
16	Florida Keys	11	9	2	0	0	0	11	9	2
17	Ft. Lauderdale	119	85	34	10	5	5	109	80	29
18	Melbourne	48	30	18	7	3	4	41	27	14
19	Ft. Pierce	70	29	41	5	1	4	65	28	37
20	Naples	17	2	15	1	0	1	16	2	14
21	Ft. Myers	58	34	24	8	1	7	50	33	17
22	Port Charlotte	22	10	12	1	0	1	21	10	11
23	St. Augustine	19	15	4	4	2	2	15	13	2
24	Sanford	20	5	15	0	0	0	20	5	15
<b>Statewide Totals</b>		<b>1,253</b>	<b>705</b>	<b>548</b>	<b>125</b>	<b>41</b>	<b>84</b>	<b>1,128</b>	<b>664</b>	<b>464</b>

Table 8

## Oxycodone Deaths by Age January – December 2007

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	22
2	Tallahassee	10
3	Live Oak	8
4	Jacksonville	81
5	Leesburg	27
6	St. Petersburg	189
7	Daytona Beach	60
8	Gainesville	20
9	Orlando	64
10	Lakeland	27
11	Miami	45
12	Sarasota	52
13	Tampa	115
14	Panama City	5
15	West Palm Bch	144
16	Florida Keys	11
17	Ft. Lauderdale	119
18	Melbourne	48
19	Ft. Pierce	70
20	Naples	17
21	Ft. Myers	58
22	Port Charlotte	22
23	St. Augustine	19
24	Sanford	20
<b>Statewide Totals</b>		<b>1,253</b>

Oxycodone Found at Lethal Levels						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
6	1	0	1	4	0	
3	0	0	1	1	1	
4	0	0	1	3	0	
29	0	1	6	16	6	
19	1	4	4	8	2	
131	3	18	26	53	31	
18	0	1	5	8	4	
5	0	1	0	1	3	
32	0	6	5	14	7	
6	0	1	1	2	2	
23	0	1	4	13	5	
32	0	2	8	14	8	
81	1	12	18	33	17	
4	0	0	1	1	2	
93	2	14	17	41	19	
9	1	2	2	4	0	
85	2	19	19	37	8	
30	0	2	6	16	6	
29	0	6	9	10	4	
2	0	1	0	1	0	
34	0	10	7	6	11	
10	1	1	3	3	2	
15	0	2	2	3	8	
5	0	0	0	3	2	
<b>705</b>	<b>12</b>	<b>104</b>	<b>146</b>	<b>295</b>	<b>148</b>	

Oxycodone Present (Non-Lethal)						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
16	0	0	2	8	6	
7	0	1	0	2	4	
4	0	1	0	1	2	
52	0	4	10	19	19	
8	0	1	2	3	2	
58	0	12	4	29	13	
42	1	6	9	14	12	
15	0	0	4	3	8	
32	0	4	1	12	15	
21	0	2	4	10	5	
22	0	0	1	7	14	
20	0	3	2	7	8	
34	0	1	4	15	14	
1	0	0	0	0	1	
51	1	9	7	17	17	
2	0	0	0	2	0	
34	0	2	3	12	17	
18	0	1	3	9	5	
41	1	7	5	10	18	
15	0	2	0	9	4	
24	0	2	4	8	10	
12	1	4	2	2	3	
4	0	0	1	2	1	
15	0	1	4	9	1	
<b>548</b>	<b>4</b>	<b>63</b>	<b>72</b>	<b>210</b>	<b>199</b>	

Table 9

## Hydrocodone Deaths January – December 2007

<b>Medical Examiner District &amp; Area of Florida</b>		<b>Total Deaths with Hydrocodone</b>			<b>Deaths with Hydrocodone Only</b>			<b>Deaths with Hydrocodone in Combination with Other Drugs</b>		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	40	9	31	3	0	3	37	9	28
2	Tallahassee	17	5	12	1	0	1	16	5	11
3	Live Oak	13	2	11	2	0	2	11	2	9
4	Jacksonville	117	50	67	10	0	10	107	50	57
5	Leesburg	18	6	12	3	1	2	15	5	10
6	St. Petersburg	92	24	68	9	2	7	83	22	61
7	Daytona Beach	37	5	32	0	0	0	37	5	32
8	Gainesville	22	4	18	4	0	4	18	4	14
9	Orlando	59	16	43	16	2	14	43	14	29
10	Lakeland	35	5	30	5	0	5	30	5	25
11	Miami	28	10	18	4	0	4	24	10	14
12	Sarasota	25	11	14	7	0	7	18	11	7
13	Tampa	75	45	30	14	4	10	61	41	20
14	Panama City	18	1	17	1	0	1	17	1	16
15	West Palm Bch	43	14	29	3	0	3	40	14	26
16	Florida Keys	8	5	3	0	0	0	8	5	3
17	Ft. Lauderdale	35	13	22	5	1	4	30	12	18
18	Melbourne	28	9	19	7	0	7	21	9	12
19	Ft. Pierce	16	8	8	3	1	2	13	7	6
20	Naples	15	1	14	0	0	0	15	1	14
21	Ft. Myers	22	10	12	4	2	2	18	8	10
22	Port Charlotte	12	0	12	3	0	3	9	0	9
23	St. Augustine	12	6	6	2	0	2	10	6	4
24	Sanford	20	5	15	2	0	2	18	5	13
<b>Statewide Totals</b>		<b>807</b>	<b>264</b>	<b>543</b>	<b>108</b>	<b>13</b>	<b>95</b>	<b>699</b>	<b>251</b>	<b>448</b>

Table 10

## Hydrocodone Deaths by Age January – December 2007

<b>Medical Examiner District and Area of Florida</b>			<b>Hydrocodone Found at Lethal Levels</b>						<b>Hydrocodone Present (Non-Lethal)</b>					
District	Area of Florida	Total	Age of Decedent					Age of Decedent						
			Total	< 18	18-25	26-34	35-50	>50	Total	<18	18-25	26-34	35-50	>50
1	Pensacola	40	9	0	1	0	6	2	31	0	1	6	16	8
2	Tallahassee	17	5	0	0	1	2	2	12	0	0	2	4	6
3	Live Oak	13	2	0	0	2	0	0	11	0	3	0	5	3
4	Jacksonville	117	50	0	9	12	23	6	67	0	6	7	35	19
5	Leesburg	18	6	0	0	1	4	1	12	0	1	1	3	7
6	St. Petersburg	92	24	0	0	4	13	7	68	0	6	5	27	30
7	Daytona Beach	37	5	0	0	0	2	3	32	0	4	8	13	7
8	Gainesville	22	4	0	2	0	1	1	18	0	0	4	5	9
9	Orlando	59	16	0	0	3	8	5	43	0	4	4	18	17
10	Lakeland	35	5	0	1	2	1	1	30	0	1	3	14	12
11	Miami	28	10	0	1	1	4	4	18	0	0	1	8	9
12	Sarasota	25	11	0	1	0	4	6	14	0	1	3	3	7
13	Tampa	75	45	0	2	9	22	12	30	0	0	2	10	18
14	Panama City	18	1	0	1	0	0	0	17	0	3	0	7	7
15	West Palm Bch	43	14	0	1	2	6	5	29	0	1	3	13	12
16	Florida Keys	8	5	0	1	0	2	2	3	0	0	0	1	2
17	Ft. Lauderdale	35	13	0	1	2	7	3	22	1	0	3	9	9
18	Melbourne	28	9	0	0	2	3	4	19	0	1	1	9	8
19	Ft. Pierce	16	8	0	0	0	3	5	8	0	0	0	5	3
20	Naples	15	1	0	0	0	0	1	14	1	1	2	7	3
21	Ft. Myers	22	10	0	2	3	2	3	12	0	1	3	3	5
22	Port Charlotte	12	0	0	0	0	0	0	12	0	0	3	5	4
23	St. Augustine	12	6	0	2	0	2	2	6	0	1	2	1	2
24	Sanford	20	5	0	0	0	4	1	15	1	1	1	6	6
<b>Statewide Totals</b>		<b>807</b>	<b>264</b>	<b>0</b>	<b>25</b>	<b>44</b>	<b>119</b>	<b>76</b>	<b>543</b>	<b>3</b>	<b>36</b>	<b>64</b>	<b>227</b>	<b>213</b>

Table 11

## Methadone Deaths January – December 2007

<b>Medical Examiner District &amp; Area of Florida</b>		<b>Total Deaths with Methadone</b>			<b>Deaths with Methadone Only</b>			<b>Deaths with Methadone in Combination with Other Drugs</b>		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	59	42	17	4	2	2	55	40	15
2	Tallahassee	17	9	8	2	1	1	15	8	7
3	Live Oak	4	2	2	0	0	0	4	2	2
4	Jacksonville	79	57	22	3	1	2	76	56	20
5	Leesburg	45	33	12	12	9	3	33	24	9
6	St. Petersburg	115	85	30	12	8	4	103	77	26
7	Daytona Beach	38	20	18	0	0	0	38	20	18
8	Gainesville	37	22	15	3	1	2	34	21	13
9	Orlando	56	45	11	5	2	3	51	43	8
10	Lakeland	17	4	13	1	0	1	16	4	12
11	Miami	22	13	9	5	2	3	17	11	6
12	Sarasota	62	49	13	6	5	1	56	44	12
13	Tampa	92	77	15	17	13	4	75	64	11
14	Panama City	18	11	7	3	1	2	15	10	5
15	West Palm Bch	127	102	25	21	17	4	106	85	21
16	Florida Keys	13	8	5	1	0	1	12	8	4
17	Ft. Lauderdale	71	48	23	7	1	6	64	47	17
18	Melbourne	42	30	12	2	1	1	40	29	11
19	Ft. Pierce	48	40	8	7	4	3	41	36	5
20	Naples	30	20	10	6	5	1	24	15	9
21	Ft. Myers	51	40	11	3	2	1	48	38	10
22	Port Charlotte	20	7	13	1	1	0	19	6	13
23	St. Augustine	21	16	5	3	3	0	18	13	5
24	Sanford	11	5	6	0	0	0	11	5	6
<b>Statewide Totals</b>		<b>1,095</b>	<b>785</b>	<b>310</b>	<b>124</b>	<b>79</b>	<b>45</b>	<b>971</b>	<b>706</b>	<b>265</b>

Table 12

## Methadone Deaths by Age January – December 2007

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	59
2	Tallahassee	17
3	Live Oak	4
4	Jacksonville	79
5	Leesburg	45
6	St. Petersburg	115
7	Daytona Beach	38
8	Gainesville	37
9	Orlando	56
10	Lakeland	17
11	Miami	22
12	Sarasota	62
13	Tampa	92
14	Panama City	18
15	West Palm Bch	127
16	Florida Keys	13
17	Ft. Lauderdale	71
18	Melbourne	42
19	Ft. Pierce	48
20	Naples	30
21	Ft. Myers	51
22	Port Charlotte	20
23	St. Augustine	21
24	Sanford	11
<b>Statewide Totals</b>		<b>1,095</b>

Methadone Found at Lethal Levels						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
42	0	8	9	21	4	
9	1	1	1	4	2	
2	0	1	0	1	0	
57	0	10	15	26	6	
33	0	12	7	10	4	
85	0	14	18	32	21	
20	0	6	4	5	5	
22	0	2	6	10	4	
45	0	5	11	24	5	
4	0	1	2	0	1	
13	0	2	4	5	2	
49	1	14	10	17	7	
77	1	16	23	28	9	
11	1	1	1	5	3	
102	6	26	22	29	19	
8	0	0	2	5	1	
48	0	6	12	16	14	
30	0	4	10	10	6	
40	0	10	7	15	8	
20	0	6	1	10	3	
40	1	10	8	15	6	
7	1	2	2	2	0	
16	0	3	4	6	3	
5	1	1	1	1	1	
<b>785</b>	<b>13</b>	<b>161</b>	<b>180</b>	<b>297</b>	<b>134</b>	

Methadone Present (Non-Lethal)						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
17	1	1	1	9	5	
8	0	2	1	2	3	
2	0	2	0	0	0	
22	1	4	2	10	5	
12	0	2	3	3	4	
30	0	5	7	13	5	
18	0	3	5	7	3	
15	0	5	2	3	5	
11	0	1	2	6	2	
13	0	1	2	6	4	
9	0	0	0	2	7	
13	0	0	3	6	4	
15	0	2	2	3	8	
7	0	0	0	5	2	
25	0	0	9	7	9	
5	0	0	1	3	1	
23	1	1	4	9	8	
12	0	1	1	7	3	
8	0	0	1	5	2	
10	0	1	1	7	1	
11	0	3	1	2	5	
13	0	4	3	4	2	
5	0	1	2	2	0	
6	0	1	3	1	1	
<b>310</b>	<b>3</b>	<b>40</b>	<b>56</b>	<b>122</b>	<b>89</b>	

Table 13

## Morphine Deaths January – December 2007

<b>Medical Examiner District &amp; Area of Florida</b>		<b>Total Deaths with Morphine</b>			<b>Deaths with Morphine Only</b>			<b>Deaths with Morphine in Combination with Other Drugs</b>		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	31	9	22	5	0	5	26	9	17
2	Tallahassee	15	2	13	5	1	4	10	1	9
3	Live Oak	3	2	1	2	1	1	1	1	0
4	Jacksonville	53	19	34	6	0	6	47	19	28
5	Leesburg	17	11	6	4	2	2	13	9	4
6	St. Petersburg	64	48	16	0	0	0	64	48	16
7	Daytona Beach	29	7	22	3	0	3	26	7	19
8	Gainesville	28	5	23	11	0	11	17	5	12
9	Orlando	55	24	31	15	2	13	40	22	18
10	Lakeland	29	4	25	6	0	6	23	4	19
11	Miami	50	12	38	11	3	8	39	9	30
12	Sarasota	13	9	4	5	3	2	8	6	2
13	Tampa	52	18	34	14	1	13	38	17	21
14	Panama City	8	2	6	2	1	1	6	1	5
15	West Palm Bch	48	25	23	11	2	9	37	23	14
16	Florida Keys	1	0	1	0	0	0	1	0	1
17	Ft. Lauderdale	34	17	17	9	1	8	25	16	9
18	Melbourne	17	9	8	5	0	5	12	9	3
19	Ft. Pierce	14	5	9	4	0	4	10	5	5
20	Naples	10	2	8	3	1	2	7	1	6
21	Ft. Myers	22	9	13	5	1	4	17	8	9
22	Port Charlotte	12	2	10	4	0	4	8	2	6
23	St. Augustine	10	8	2	2	1	1	8	7	1
24	Sanford	15	6	9	1	0	1	14	6	8
<b>Statewide Totals</b>		<b>630</b>	<b>255</b>	<b>375</b>	<b>133</b>	<b>20</b>	<b>113</b>	<b>497</b>	<b>235</b>	<b>262</b>

Table 14

## Morphine Deaths by Age January – December 2007

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	31
2	Tallahassee	15
3	Live Oak	3
4	Jacksonville	53
5	Leesburg	17
6	St. Petersburg	64
7	Daytona Beach	29
8	Gainesville	28
9	Orlando	55
10	Lakeland	29
11	Miami	50
12	Sarasota	13
13	Tampa	52
14	Panama City	8
15	West Palm Bch	48
16	Florida Keys	1
17	Ft. Lauderdale	34
18	Melbourne	17
19	Ft. Pierce	14
20	Naples	10
21	Ft. Myers	22
22	Port Charlotte	12
23	St. Augustine	10
24	Sanford	15
<b>Statewide Totals</b>		<b>630</b>

Morphine Found at Lethal Levels						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
9	0	0	0	4	5	
2	0	0	2	0	0	
2	0	0	0	2	0	
19	0	3	3	8	5	
11	0	0	1	6	4	
48	1	2	7	18	20	
7	0	1	0	3	3	
5	0	1	1	1	2	
24	0	1	5	13	5	
4	1	0	2	0	1	
12	0	2	2	3	5	
9	1	0	0	5	3	
18	1	1	3	10	3	
2	0	0	0	1	1	
25	0	3	5	9	8	
0	0	0	0	0	0	
17	0	4	5	5	3	
9	0	0	2	5	2	
5	0	0	0	2	3	
2	0	0	0	1	1	
9	0	1	1	5	2	
2	0	0	0	1	1	
8	0	2	0	2	4	
6	0	0	2	4	0	
<b>255</b>	<b>4</b>	<b>21</b>	<b>41</b>	<b>108</b>	<b>81</b>	

Morphine Present (Non-Lethal)						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
22	0	2	2	8	10	
13	1	1	2	1	8	
1	1	0	0	0	0	
34	0	4	6	12	12	
6	0	0	1	1	4	
16	0	2	2	4	8	
22	0	2	5	4	11	
23	0	2	1	4	16	
31	1	0	2	3	25	
25	2	1	2	11	9	
38	2	0	3	13	20	
4	0	0	0	1	3	
34	1	1	2	8	22	
6	0	0	0	2	4	
23	0	1	0	5	17	
1	0	0	0	1	0	
17	0	2	1	5	9	
8	0	0	0	2	6	
9	0	1	0	2	6	
8	0	2	1	2	3	
13	0	1	0	4	8	
10	1	0	1	1	7	
2	0	0	0	1	1	
9	1	2	0	3	3	
<b>375</b>	<b>10</b>	<b>24</b>	<b>31</b>	<b>98</b>	<b>212</b>	

Table 15

## Propoxyphene Deaths January – December 2007

<b>Medical Examiner District &amp; Area of Florida</b>		<b>Total Deaths with Propoxyphene</b>			<b>Deaths with Propoxyphene Only</b>			<b>Deaths with Propoxyphene in Combination with Other Drugs</b>		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	14	2	12	1	1	0	13	1	12
2	Tallahassee	8	2	6	0	0	0	8	2	6
3	Live Oak	6	3	3	1	0	1	5	3	2
4	Jacksonville	23	6	17	6	1	5	17	5	12
5	Leesburg	16	5	11	5	1	4	11	4	7
6	St. Petersburg	40	14	26	10	3	7	30	11	19
7	Daytona Beach	11	3	8	0	0	0	11	3	8
8	Gainesville	14	1	13	3	0	3	11	1	10
9	Orlando	30	7	23	3	0	3	27	7	20
10	Lakeland	24	4	20	0	0	0	24	4	20
11	Miami	18	3	15	8	0	8	10	3	7
12	Sarasota	1	0	1	1	0	1	0	0	0
13	Tampa	23	9	14	11	0	11	12	9	3
14	Panama City	8	1	7	1	0	1	7	1	6
15	West Palm Bch	15	5	10	3	1	2	12	4	8
16	Florida Keys	1	1	0	0	0	0	1	1	0
17	Ft. Lauderdale	19	7	12	8	0	8	11	7	4
18	Melbourne	11	2	9	2	1	1	9	1	8
19	Ft. Pierce	20	1	19	5	1	4	15	0	15
20	Naples	5	0	5	0	0	0	5	0	5
21	Ft. Myers	16	5	11	4	0	4	12	5	7
22	Port Charlotte	7	2	5	1	0	1	6	2	4
23	St. Augustine	3	1	2	1	0	1	2	1	1
24	Sanford	8	1	7	0	0	0	8	1	7
<b>Statewide Totals</b>		<b>341</b>	<b>85</b>	<b>256</b>	<b>74</b>	<b>9</b>	<b>65</b>	<b>267</b>	<b>76</b>	<b>191</b>

Table 16

## Propoxyphene Deaths by Age January – December 2007

<b>Medical Examiner District and Area of Florida</b>			<b>Propoxyphene Found at Lethal Levels</b>						<b>Propoxyphene Present (Non-Lethal)</b>					
District	Area of Florida	Total	Age of Decedent					Age of Decedent						
			Total	< 18	18-25	26-34	35-50	>50	Total	<18	18-25	26-34	35-50	>50
1	Pensacola	14	2	0	0	1	1	0	12	0	1	1	5	5
2	Tallahassee	8	2	0	0	0	0	2	6	0	0	0	2	4
3	Live Oak	6	3	0	0	1	2	0	3	0	0	0	2	1
4	Jacksonville	23	6	0	2	0	1	3	17	0	0	3	6	8
5	Leesburg	16	5	0	0	0	4	1	11	0	1	0	3	7
6	St. Petersburg	40	14	0	1	2	5	6	26	0	1	2	11	12
7	Daytona Beach	11	3	0	0	1	0	2	8	0	1	2	5	0
8	Gainesville	14	1	0	0	1	0	0	13	0	0	2	4	7
9	Orlando	30	7	0	1	1	1	4	23	0	1	4	4	14
10	Lakeland	24	4	0	0	1	0	3	20	0	1	2	6	11
11	Miami	18	3	0	0	1	1	1	15	0	1	1	5	8
12	Sarasota	1	0	0	0	0	0	0	1	0	0	0	0	1
13	Tampa	23	9	0	1	0	6	2	14	0	0	1	3	10
14	Panama City	8	1	0	0	0	1	0	7	0	1	0	4	2
15	West Palm Bch	15	5	0	0	2	2	1	10	0	1	0	4	5
16	Florida Keys	1	1	0	0	0	1	0	0	0	0	0	0	0
17	Ft. Lauderdale	19	7	0	1	1	2	3	12	0	0	0	3	9
18	Melbourne	11	2	0	0	1	1	0	9	0	0	1	3	5
19	Ft. Pierce	20	1	0	0	0	0	1	19	0	1	0	6	12
20	Naples	5	0	0	0	0	0	0	5	0	0	0	2	3
21	Ft. Myers	16	5	0	1	0	0	4	11	0	1	0	3	7
22	Port Charlotte	7	2	0	0	1	1	0	5	0	0	1	0	4
23	St. Augustine	3	1	0	0	0	1	0	2	0	0	0	1	1
24	Sanford	8	1	0	0	0	1	0	7	0	0	0	5	2
<b>Statewide Totals</b>		<b>341</b>	<b>85</b>	<b>0</b>	<b>7</b>	<b>14</b>	<b>31</b>	<b>33</b>	<b>256</b>	<b>0</b>	<b>11</b>	<b>20</b>	<b>87</b>	<b>138</b>

Table 17

## Cocaine Deaths January – December 2007

<b>Medical Examiner District &amp; Area of Florida</b>		<b>Total Deaths with Cocaine</b>			<b>Deaths with Cocaine Only</b>			<b>Deaths with Cocaine in Combination with Other Drugs</b>		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	76	33	43	11	3	8	65	30	35
2	Tallahassee	40	16	24	9	4	5	31	12	19
3	Live Oak	10	3	7	2	0	2	8	3	5
4	Jacksonville	248	105	143	52	23	29	196	82	114
5	Leesburg	45	20	25	6	0	6	39	20	19
6	St. Petersburg	173	94	79	27	14	13	146	80	66
7	Daytona Beach	84	11	73	17	5	12	67	6	61
8	Gainesville	42	18	24	13	5	8	29	13	16
9	Orlando	190	56	134	60	15	45	130	41	89
10	Lakeland	41	17	24	9	5	4	32	12	20
11	Miami	281	65	216	122	26	96	159	39	120
12	Sarasota	105	52	53	34	11	23	71	41	30
13	Tampa	158	71	87	46	19	27	112	52	60
14	Panama City	31	10	21	7	5	2	24	5	19
15	West Palm Bch	168	70	98	31	11	20	137	59	78
16	Florida Keys	27	9	18	0	0	0	27	9	18
17	Ft. Lauderdale	157	81	76	43	21	22	114	60	54
18	Melbourne	62	27	35	9	3	6	53	24	29
19	Ft. Pierce	46	23	23	10	5	5	36	18	18
20	Naples	29	8	21	7	2	5	22	6	16
21	Ft. Myers	79	29	50	10	4	6	69	25	44
22	Port Charlotte	19	3	16	6	0	6	13	3	10
23	St. Augustine	33	12	21	6	2	4	27	10	17
24	Sanford	35	10	25	3	2	1	32	8	24
<b>Statewide Totals</b>		<b>2,179</b>	<b>843</b>	<b>1,336</b>	<b>540</b>	<b>185</b>	<b>355</b>	<b>1,639</b>	<b>658</b>	<b>981</b>

Table 18

## Cocaine Deaths by Age January – December 2007

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	76
2	Tallahassee	40
3	Live Oak	10
4	Jacksonville	248
5	Leesburg	45
6	St. Petersburg	173
7	Daytona Beach	84
8	Gainesville	42
9	Orlando	190
10	Lakeland	41
11	Miami	281
12	Sarasota	105
13	Tampa	158
14	Panama City	31
15	West Palm Bch	168
16	Florida Keys	27
17	Ft. Lauderdale	157
18	Melbourne	62
19	Ft. Pierce	46
20	Naples	29
21	Ft. Myers	79
22	Port Charlotte	19
23	St. Augustine	33
24	Sanford	35
<b>Statewide Totals</b>		<b>2,179</b>

Cocaine Found at Lethal Levels						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
33	0	0	7	20	6	
16	1	4	4	5	2	
3	0	1	1	1	0	
105	0	12	17	55	21	
20	0	2	6	8	4	
94	2	14	17	44	17	
11	0	1	1	6	3	
18	0	4	4	7	3	
56	0	3	7	37	9	
17	0	1	4	7	5	
65	0	0	9	39	17	
52	0	7	7	31	7	
71	0	6	21	30	14	
10	0	1	4	2	3	
70	1	14	9	29	17	
9	0	0	2	7	0	
81	0	7	18	33	23	
27	0	2	6	13	6	
23	0	4	3	13	3	
8	0	2	1	5	0	
29	0	6	6	15	2	
3	0	0	0	2	1	
12	0	5	5	2	0	
10	0	0	2	5	3	
<b>843</b>	<b>4</b>	<b>96</b>	<b>161</b>	<b>416</b>	<b>166</b>	

Cocaine Present (Non-Lethal)						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
43	0	8	5	23	7	
24	1	2	4	13	4	
7	0	1	2	4	0	
143	2	28	34	59	20	
25	0	6	6	8	5	
79	1	13	16	34	15	
73	0	5	24	31	13	
24	0	4	2	11	7	
134	2	23	35	53	21	
24	0	7	2	13	2	
216	5	36	32	99	44	
53	0	16	7	22	8	
87	0	14	18	37	18	
21	0	8	2	8	3	
98	1	16	28	41	12	
18	1	2	4	6	5	
76	1	10	21	30	14	
35	1	2	7	20	5	
23	1	3	3	13	3	
21	2	6	3	9	1	
50	0	9	9	24	8	
16	0	6	2	4	4	
21	1	3	6	11	0	
25	0	5	9	7	4	
<b>1,336</b>	<b>19</b>	<b>233</b>	<b>281</b>	<b>580</b>	<b>223</b>	

Chart 4

### Cocaine Deaths by Year (Both Lethal and Non-Lethal Levels) 1993 – 2007

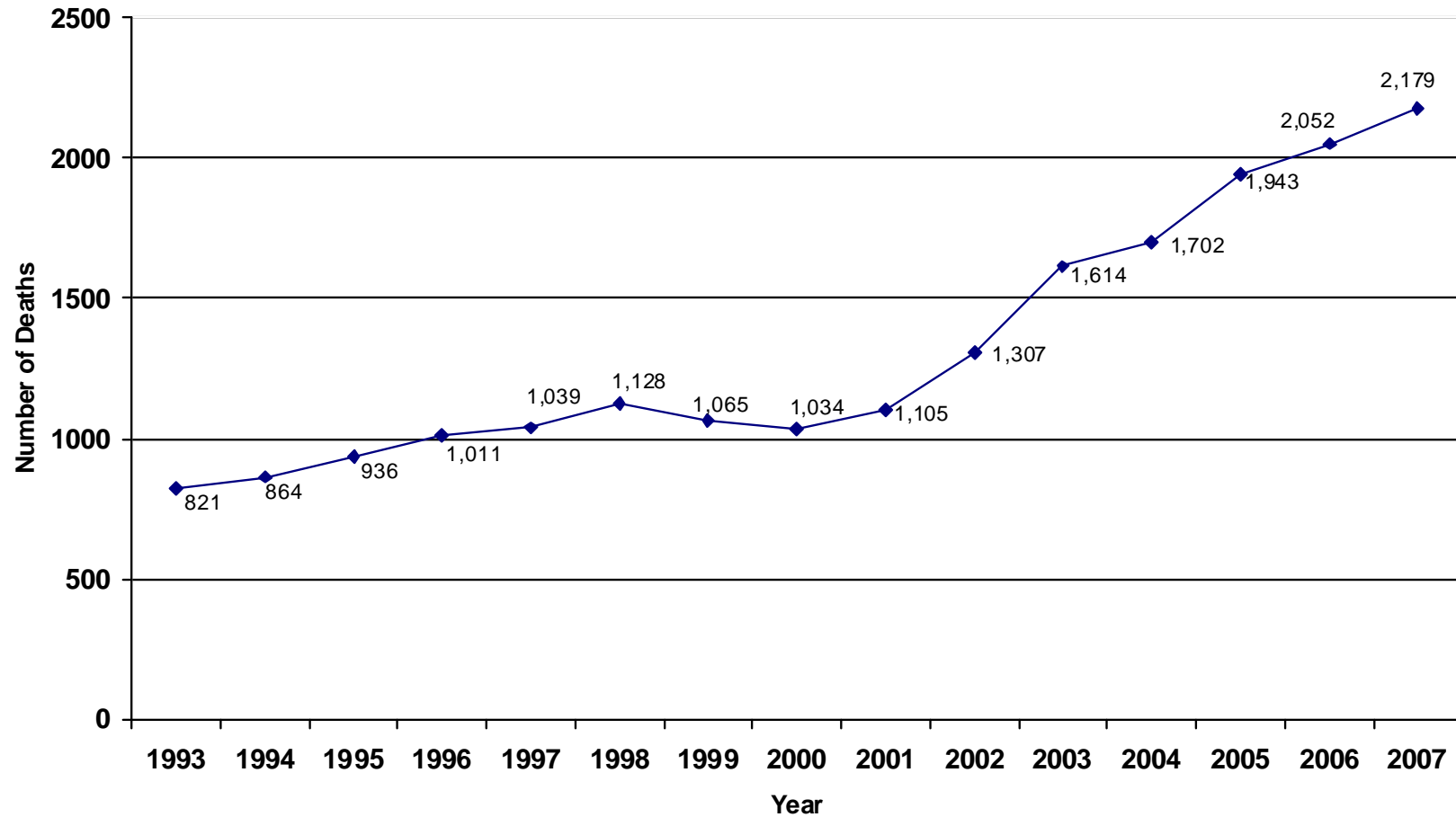


Table 19

## 15 Year Study of Cocaine-Related Deaths Reported by Medical Examiners (Both Lethal and Non-Lethal Levels)

District	Area of Florida	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1	Pensacola	14	12	11	24	15	18	22	23	23	37	46	59	69	78	76
2	Tallahassee	18	25	21	24	11	29	28	26	28	33	43	38	58	51	40
3	Live Oak	5	3	8	6	8	8	7	4	8	7	13	22	19	16	10
4	Jacksonville	76	60	76	71	81	86	100	101	108	148	184	205	195	246	248
5	Leesburg	17	21	25	22	27	23	19	35	38	47	56	69	60	21	45
6	St. Petersburg	24	33	55	32	41	52	58	75	81	89	116	150	138	185	173
7	Daytona Beach	19	16	21	12	31	26	8	24	37	35	42	43	77	64	84
8	Gainesville	14	14	16	18	18	19	15	17	12	15	45	43	48	47	42
9	Orlando	41	49	75	87	93	112	103	109	94	116	124	136	165	178	190
10	Lakeland	15	25	26	24	24	34	27	21	33	30	43	46	75	53	41
11	Miami	285	292	250	330	266	273	226	144	149	151	189	160	162	182	281
12	Sarasota	24	25	27	23	30	29	26	38	39	46	83	69	83	106	105
13	Tampa	35	56	65	58	83	72	80	52	56	79	81	108	115	130	158
14	Panama City	3	8	4	4	6	20	19	19	20	24	31	22	24	32	31
15	West Palm Bch	38	38	83	72	66	69	73	103	125	113	147	151	197	191	168
16	Florida Keys	14	9	9	6	11	12	20	12	14	16	11	10	18	16	27
17	Ft. Lauderdale	109	88	71	83	121	135	139	80	94	121	138	120	136	150	157
18	Melbourne	11	16	13	26	15	30	23	42	35	48	66	62	84	80	62
19	Ft. Pierce	18	24	22	22	11	22	21	37	39	33	33	43	58	45	46
20	Naples	7	5	10	9	11	8	14	15	17	23	15	21	24	34	29
21	Ft. Myers	16	23	16	32	37	20	27	35	27	55	68	84	78	96	79
22	Port Charlotte	3	0	1	0	3	4	3	6	6	5	3	10	14	14	19
23	St. Augustine	8	8	13	11	13	9	4	2	7	23	24	20	24	17	33
24	Sanford	7	14	18	15	17	18	3	14	15	13	13	11	22	20	35
<b>Statewide Total</b>		<b>821</b>	<b>864</b>	<b>936</b>	<b>1,011</b>	<b>1,039</b>	<b>1,128</b>	<b>1,065</b>	<b>1,034</b>	<b>1,105</b>	<b>1,307</b>	<b>1,614</b>	<b>1,702</b>	<b>1,943</b>	<b>2,052</b>	<b>2,179</b>

Table 20

## Heroin Deaths January – December 2007

Medical Examiner District & Area of Florida		Total Deaths with Heroin			Deaths with Heroin Only			Deaths with Heroin in Combination with Other Drugs		
District	Area of Florida	Total	Cause	Present	Total	Cause	Present	Total	Cause	Present
1	Pensacola	0	0	0	0	0	0	0	0	0
2	Tallahassee	0	0	0	0	0	0	0	0	0
3	Live Oak	0	0	0	0	0	0	0	0	0
4	Jacksonville	8	6	2	0	0	0	8	6	2
5	Leesburg	0	0	0	0	0	0	0	0	0
6	St. Petersburg	12	11	1	0	0	0	12	11	1
7	Daytona Beach	2	1	1	0	0	0	2	1	1
8	Gainesville	0	0	0	0	0	0	0	0	0
9	Orlando	16	16	0	2	2	0	14	14	0
10	Lakeland	0	0	0	0	0	0	0	0	0
11	Miami	26	19	7	5	3	2	21	16	5
12	Sarasota	4	3	1	1	1	0	3	2	1
13	Tampa	11	10	1	4	4	0	7	6	1
14	Panama City	1	1	0	0	0	0	1	1	0
15	West Palm Bch	10	10	0	2	2	0	8	8	0
16	Florida Keys	0	0	0	0	0	0	0	0	0
17	Ft. Lauderdale	4	3	1	1	1	0	3	2	1
18	Melbourne	1	1	0	0	0	0	1	1	0
19	Ft. Pierce	3	3	0	1	1	0	2	2	0
20	Naples	1	1	0	0	0	0	1	1	0
21	Ft. Myers	4	4	0	0	0	0	4	4	0
22	Port Charlotte	0	0	0	0	0	0	0	0	0
23	St. Augustine	0	0	0	0	0	0	0	0	0
24	Sanford	7	4	3	1	0	1	6	4	2
<b>Statewide Totals</b>		<b>110</b>	<b>93</b>	<b>17</b>	<b>17</b>	<b>14</b>	<b>3</b>	<b>93</b>	<b>79</b>	<b>14</b>

Table 21

## Heroin Deaths by Age January – December 2007

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	0
2	Tallahassee	0
3	Live Oak	0
4	Jacksonville	8
5	Leesburg	0
6	St. Petersburg	12
7	Daytona Beach	2
8	Gainesville	0
9	Orlando	16
10	Lakeland	0
11	Miami	26
12	Sarasota	4
13	Tampa	11
14	Panama City	1
15	West Palm Bch	10
16	Florida Keys	0
17	Ft. Lauderdale	4
18	Melbourne	1
19	Ft. Pierce	3
20	Naples	1
21	Ft. Myers	4
22	Port Charlotte	0
23	St. Augustine	0
24	Sanford	7
<b>Statewide Totals</b>		<b>110</b>

Heroin Found at Lethal Levels					
Age of Decedent					
Total	< 18	18-25	26-34	35-50	>50
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
6	0	1	2	1	2
0	0	0	0	0	0
11	0	1	3	5	2
1	0	0	1	0	0
0	0	0	0	0	0
16	0	1	3	12	0
0	0	0	0	0	0
19	1	1	3	12	2
3	1	0	0	1	1
10	0	3	1	4	2
1	0	0	0	1	0
10	0	1	3	3	3
0	0	0	0	0	0
3	0	1	1	0	1
1	0	0	0	1	0
3	0	0	0	2	1
1	0	0	0	0	1
4	0	0	3	1	0
0	0	0	0	0	0
0	0	0	0	0	0
4	0	0	1	1	2
<b>93</b>	<b>2</b>	<b>9</b>	<b>21</b>	<b>44</b>	<b>17</b>

Heroin Present (Non-Lethal)					
Age of Decedent					
Total	<18	18-25	26-34	35-50	>50
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
2	0	2	0	0	0
0	0	0	0	0	0
1	0	0	1	0	0
1	0	0	0	1	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
7	0	0	2	3	2
1	0	0	1	0	0
1	0	1	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1	0	0	0	0	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
3	0	1	0	2	0
<b>17</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>3</b>

Chart 5

### Deaths Caused by Heroin by Year 1996 - 2007

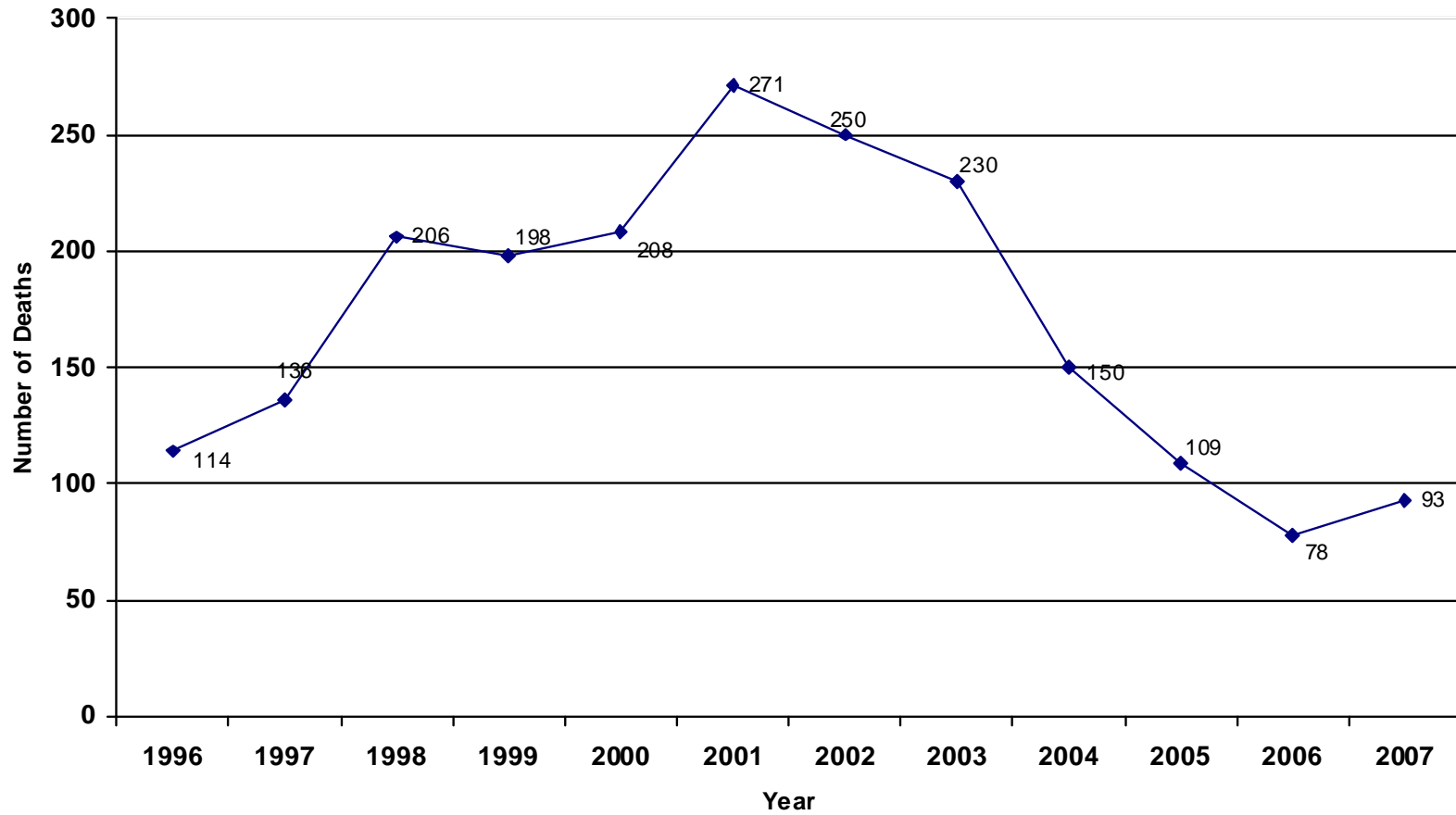


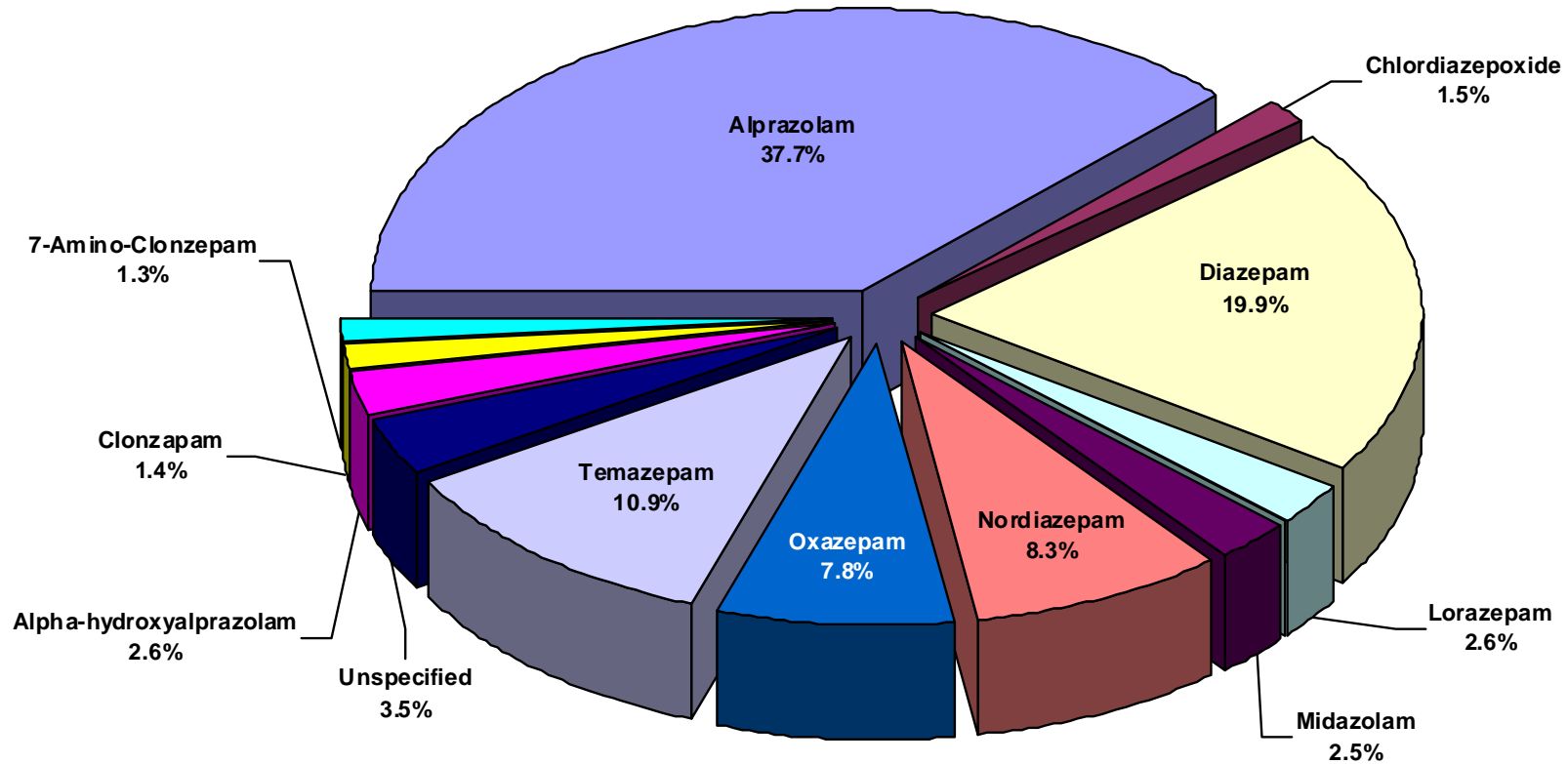
Table 22

## Historical View of Heroin Deaths (Lethal Levels)

District	Area of Florida	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
1	Pensacola	1	0	0	0	0	1	0	0	0	0	1	0
2	Tallahassee	0	0	1	0	0	0	0	0	0	0	0	0
3	Live Oak	0	0	0	0	0	0	0	0	0	0	0	0
4	Jacksonville	2	5	0	5	4	10	8	5	4	3	4	6
5	Leesburg	0	0	0	2	3	1	4	2	1	0	0	0
6	St. Petersburg	7	6	10	8	17	24	31	22	14	12	6	11
7	Daytona Beach	1	4	4	0	6	1	2	2	2	0	1	1
8	Gainesville	5	0	2	0	0	0	0	0	0	0	0	0
9	Orlando	30	16	36	42	30	34	22	33	20	15	7	16
10	Lakeland	0	0	1	3	1	0	2	0	1	2	0	0
11	Miami	31	52	61	48	61	32	36	28	18	19	12	19
12	Sarasota	0	0	0	1	7	3	3	18	14	8	14	3
13	Tampa	3	6	13	19	21	34	33	18	14	6	7	10
14	Panama City	0	0	0	0	2	0	0	0	0	0	0	1
15	West Palm Bch	11	11	19	12	15	57	36	27	26	17	8	10
16	Florida Keys	0	0	2	5	0	3	4	0	1	0	1	0
17	Ft. Lauderdale	14	19	37	35	17	51	38	43	22	17	11	3
18	Melbourne	2	4	1	6	5	6	7	8	3	2	1	1
19	Ft. Pierce	0	2	3	1	1	3	2	3	3	1	3	3
20	Naples	0	3	4	3	3	3	9	3	0	1	1	1
21	Ft. Myers	3	6	3	7	10	5	7	12	4	0	1	4
22	Port Charlotte	1	0	0	0	1	0	4	0	1	3	0	0
23	St. Augustine	0	0	0	0	0	0	1	0	0	0	0	0
24	Sanford	3	2	9	1	4	3	1	6	2	3	0	4
<b>Statewide Totals</b>		<b>114</b>	<b>136</b>	<b>206</b>	<b>198</b>	<b>208</b>	<b>271</b>	<b>250</b>	<b>230</b>	<b>150</b>	<b>109</b>	<b>78</b>	<b>93</b>

Chart 6

## Frequency of Occurrence of Benzodiazepines January – December 2007



Note: Desalkylflurazepam, estazolam, hydroxyalprazolam, flurazepam, and demoxiopam constituted less than 1% of the drug frequencies.

### Manners of Death for Cases Reported (Accidental, Homicide, Natural, Suicide or Undetermined)

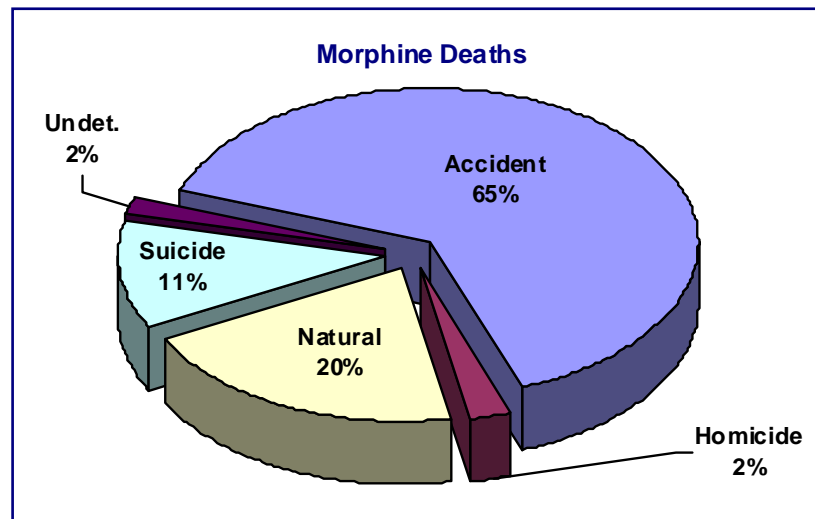
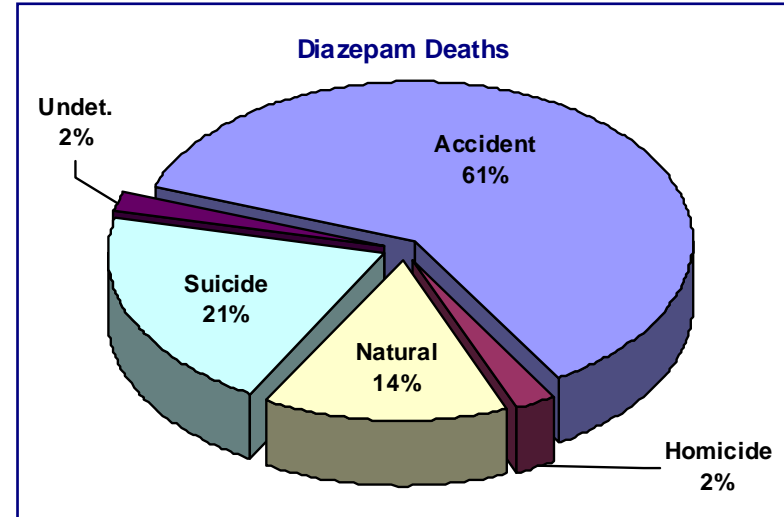
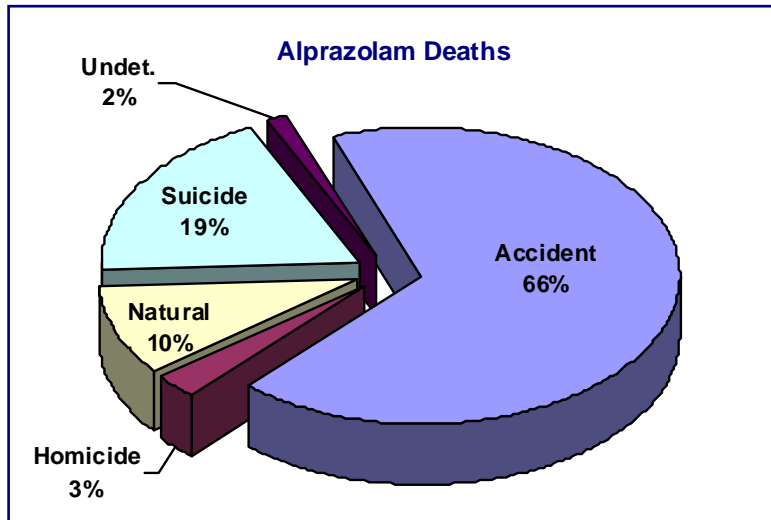


Chart 7

### Manners of Death for Cases Reported (Accidental, Homicide, Natural, Suicide or Undetermined)

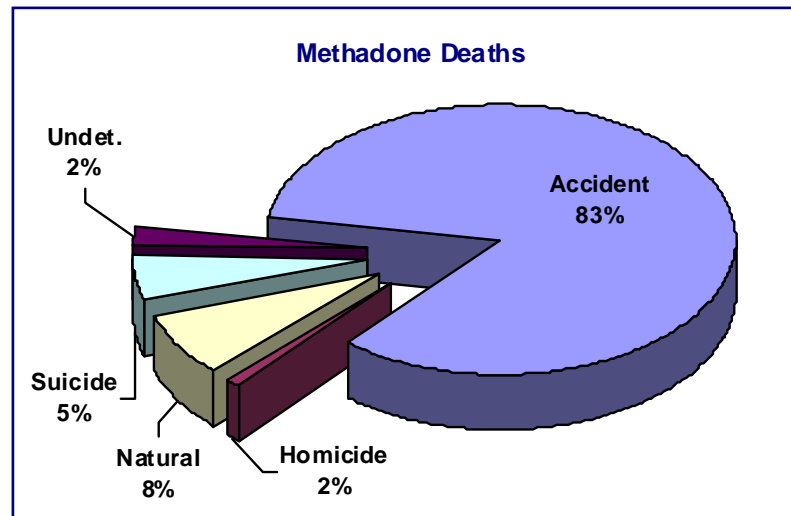
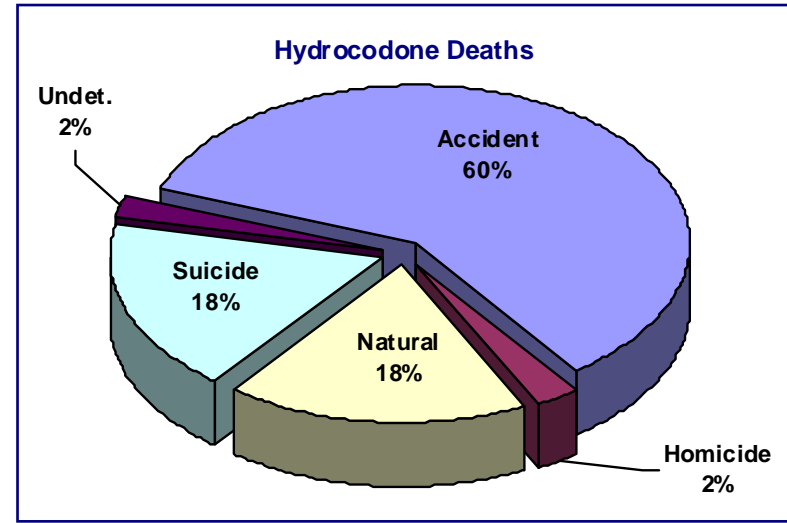
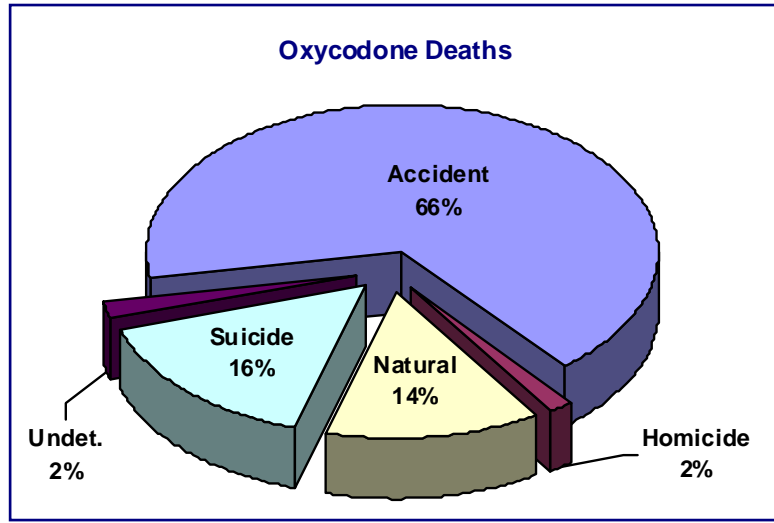
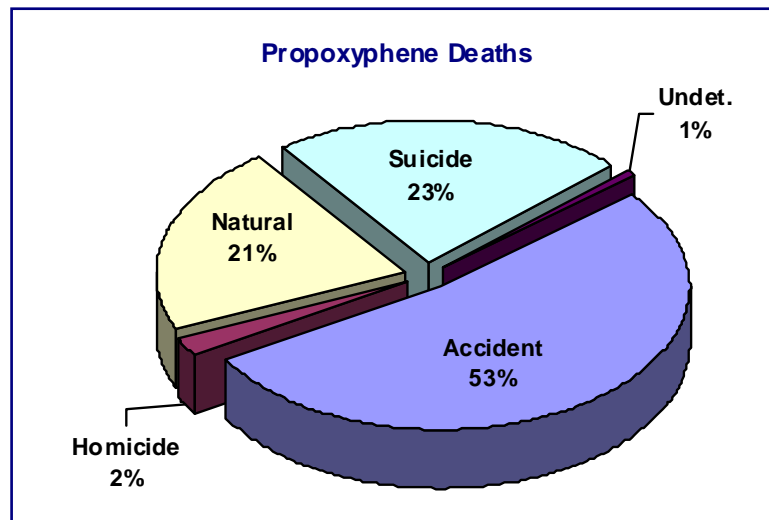
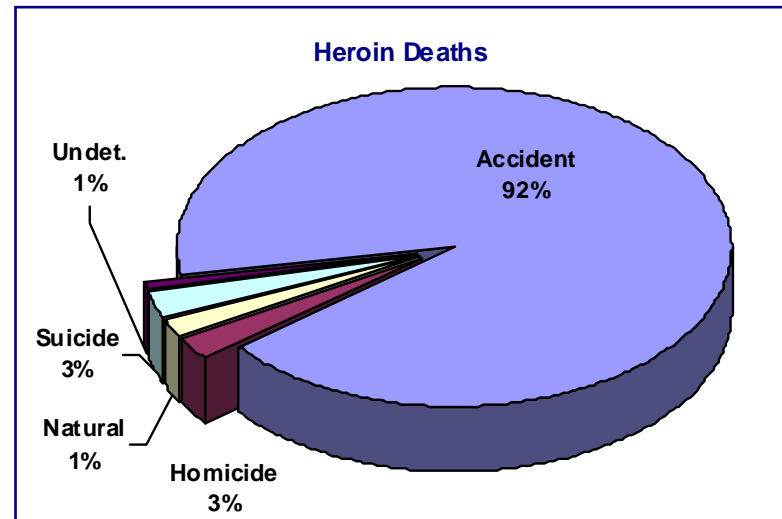
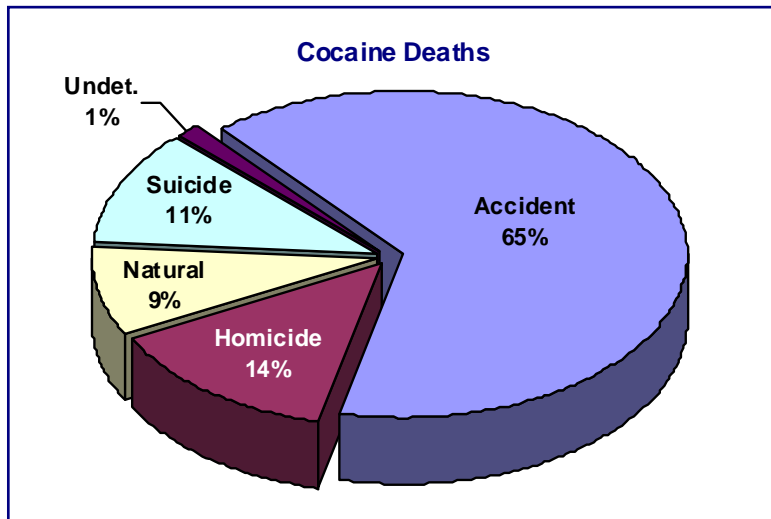


Chart 7

### Manners of Death for Cases Reported (Accidental, Homicide, Natural, Suicide or Undetermined)



## Glossary

**Benzodiazepine** – A family of sedative-hypnotic drugs indicated for the treatment of stress, anxiety, seizures and alcohol withdrawal. Benzodiazepines are often referred to as “minor tranquilizers.” Xanax (alprazolam) and Valium (diazepam) are the most commonly prescribed drugs in this drug class.

**Cannabinoids** – A series of compounds found in the marijuana plant, the most psychoactive of which is THC, a strong, illicit hallucinogen. Street names for this drug are often associated with a geographic area from which it came but also include generic names like “ganja”, “MJ”, “ragweed”, “refer” and “grass.”

**Carisoprodol** – Muscle relaxant indicated for the treatment of pain, muscle spasms and limited mobility. It is often abused in conjunction with analgesics for enhanced euphoric effect. It is marketed as Soma.

**Cocaine** – An illicit stimulant. Powdered cocaine goes by many street names including “C”, “blow”, “snow” and “nose candy”, while freebase cocaine is mostly commonly known as “crack.”

**Ethyl Alcohol** – Alcohol or ethanol.

**Fentanyl** – Synthetic narcotic analgesic (pain killer) used in the Duragesic transdermal patch. Also available in a solid “lollypop” sold under the brand name Actiq.

**Gamma-Hydroxybutyric Acid (GHB)** – A depressant, also known as a “date rape” drug. GHB often goes by the street name “easy lay”, “scoop”, “liquid X”, “Georgia home boy” and “grievous bodily harm.”

**Heroin** – An illicit narcotic derivative. It is a semi-synthetic product of opium. Heroin also has multiple street names including “H”, “hombre” and “smack.”

**Hydrocodone** – A narcotic analgesic (pain killer). Vicodin and Lortab are two common drugs containing hydrocodone.

**Hydromorphone** – A narcotic analgesic (pain killer) used to treat moderate to severe pain. Marketed under the trade name Dilaudid, it is two to eight times more potent than morphine. Commonly used by abusers as a substitute for heroin.

**Ketamine** – An animal tranquilizer and a chemical relative of PCP. Street names for this drug include “special K”, “vitamin K” and “cat valium.”

**Meperidine** – A synthetic narcotic analgesic (pain killer) sold under the trade name Demerol, it is used for pre-anesthesia and the relief of moderate to severe pain.

## Glossary (continued)

**Methadone** – A synthetic narcotic analgesic (pain killer) commonly associated with Heroin detoxification and maintenance programs but it is also prescribed to treat severe pain. It has been increasingly prescribed in place of oxycodone for pain management. Dolophine is one form of methadone.

**Methylated Amphetamines** – Includes such drugs as methamphetamine (stimulant) and MDMA (Ecstasy – which is a hallucinogen). Ecstasy has multiple street names including “E”, “XTC”, “love drug”, and “clarity”. MDMA is often also known by a large variety of embossed logos on the pills such as “Mitsubishis” and “Killer Bees”. Methamphetamine is also known as “meth”, “crank”, “speed” and “tina”.

**Morphine** – A narcotic analgesic (pain killer) used to treat moderate to severe pain. MS (Morphine Sulfate), Kadian, and MS-Contin are the tablet forms, Roxanol is the liquid form.

**Nitrous Oxide (N<sub>2</sub>O)** – Also known as “laughing gas,” this is an inhalant (gas) that produces light anesthesia and analgesia. “Whippets” are a common form of nitrous oxide.

**Oxycodone** – A narcotic analgesic (pain killer). OxyContin is one form of this drug and goes by the street name “OC”. Percocet, Percodan, Roxicet, Tylox, and Roxicodone also contain Oxycodone.

**Phencyclidine (PCP)** – An illicit dissociative anesthetic/hallucinogen. Common street names for this drug include “angel dust”, “ace”, “DOA” and “wack”.

**Propoxyphene** – A synthetic narcotic analgesic (pain killer) used for mild to moderate pain. A chemical cousin to methadone, it is marketed under the trade name Darvon and Darvocet when mixed with acetaminophen.

**Rohypnol** – Commonly referred to as a “date rape” drug. It is a sedative-hypnotic drug in the Benzodiazepine class. It often goes by the street name “roofies”.

**Tramadol** – A synthetic narcotic analgesic sold under the trade name Ultram and Ultracet. Indications include the treatment of moderate to severe pain. It is a chemical analogue to codeine. Not currently a scheduled drug.