

Drugs Identified in Deceased Persons by Florida Medical Examiners



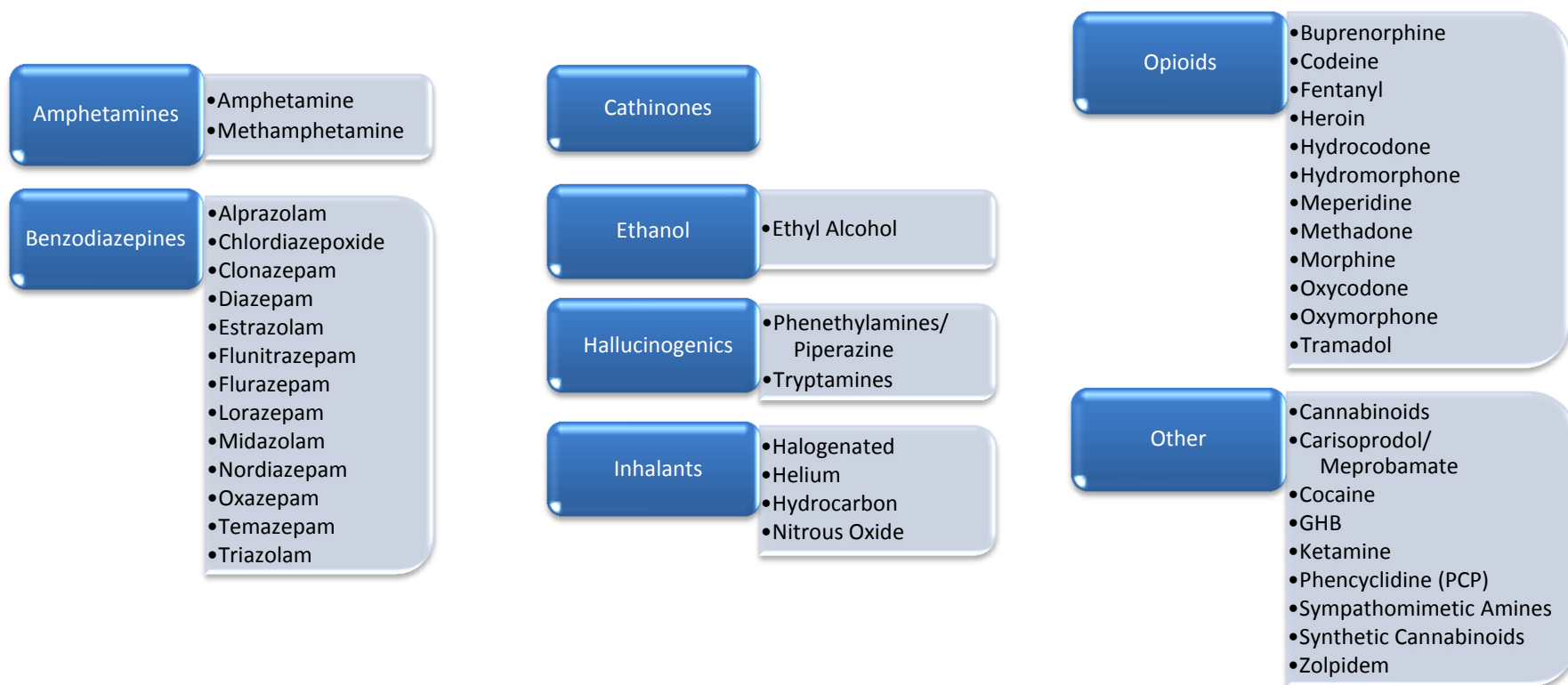
2013 Annual Report

Data Collection

The State of Florida's Bureau of Vital Statistics reported 182,965 deaths occurred in Florida during 2013. Of the 22,229 deaths investigated by the state's medical examiners, toxicology results determined that the drugs listed below were present at the time of death in 8,286 deaths. The medical examiners assessed whether the drug(s) identified were the cause of death or were merely present at the time of death. The data were then submitted to the Medical Examiners Commission for presentation in this report. Each time a drug is detected represents an occurrence. The vast majority of the 8,286 deaths had more than one drug occurrence.

When reporting the data, the state's medical examiners were asked to distinguish between the drugs determined to be the cause of death, and those drugs that were present in the body at the time of death. A drug is indicated as the cause of death only when, after examining all evidence and the autopsy and toxicology results, the medical examiner determines the drug played a causal role in the death. It is not uncommon for a decedent to have multiple drugs listed as a cause of death. However, a drug may not have played a causal role in the death even when the medical examiner determines the drug is present or identifiable in the decedent. Therefore, a decedent often is found to have multiple drugs listed as present; these are drug occurrences and are not equivalent to deaths.

Data were collected on the following drugs:



Report Summary

Some general statewide trends for 2013 include:

- ✓ A decrease of 0.5 percent (44 less) in the total drug-related deaths compared to 2012;
- ✓ 4,582 (7.3 percent less than 2012) individuals died with one or more prescription drugs in their system. The drugs were identified as both the cause of death and present in the decedent. These drugs may have also been mixed with illicit drugs and alcohol;
- ✓ 1,916 (8.3 percent less than 2012) individuals died with at least one prescription drug in their system that was identified as the cause of death. These drugs may have been mixed with other prescription drugs, illicit drugs and/or alcohol;
- ✓ Prescription drugs (benzodiazepines, carisoprodol/meprobamate, zolpidem, and all opioids excluding heroin) continued to be found more often than illicit drugs, both as the cause of death and present at death. Prescription drugs account for 76.5 percent of all drug occurrences in this report when ethyl alcohol is excluded;
- ✓ The four most frequently occurring drugs found in decedents were benzodiazepines (4,304, including 1,244 alprazolam occurrences), ethyl alcohol (4,029), cocaine (1,337), and oxycodone (1,053);
- ✓ The drugs that caused the most deaths were benzodiazepines (1,091, including 511 alprazolam deaths and 187 diazepam deaths), ethyl alcohol (614), cocaine (607), morphine (568), oxycodone (534), methadone (389), and hydrocodone (291);
- ✓ Heroin (97 percent), methadone (67 percent), fentanyl (63.4 percent), and morphine (59.9 percent) were listed as causing death in more than 50 percent of the deaths in which these drugs were found;
- ✓ Occurrences of heroin increased by 70.1 percent and deaths caused by heroin increased by 78.7 percent when compared with 2012;
- ✓ Occurrences of methadone decreased by 22.5 percent and hydrocodone increased by 3.3 percent when compared with 2012. Also, deaths caused by methadone (123 less than 2012) decreased and hydrocodone (47 more than 2012) increased;
- ✓ Occurrences of oxycodone decreased by 26.2 percent and deaths caused by oxycodone decreased by 27.3 percent when compared with 2012. Occurrences have continued to decrease over the past three years (down 55.8 percent from 2010). Oxycodone caused deaths have also continued to decrease over the past three years (a decrease of 64.8 percent when compared with 2010);
- ✓ Occurrences of cocaine increased by 1.4 percent and deaths caused by cocaine increased by 10.6 percent when compared with 2012;
- ✓ Occurrences of fentanyl increased by 16.3 percent and deaths caused by fentanyl increased by 36 percent when compared with 2012;
- ✓ Alprazolam (Xanax), diazepam (Valium), and nordiazepam dominate the category of benzodiazepines. Occurrences of alprazolam decreased by 12.2 percent, diazepam decreased by 11.2 percent, and nordiazepam decreased by 13.3 percent when compared to 2012. Alprazolam, diazepam and nordiazepam are rarely the sole cause of death, but are common as contributing to the cause of multi-drug deaths;
- ✓ Occurrences of methamphetamine increased by 15.8 percent and amphetamine decreased by 11.5 percent when compared to 2012. Deaths caused by methamphetamine (11 more than 2012) increased and amphetamine (5 less than 2012) decreased in 2013; and
- ✓ Overall, while deaths related to oxymorphone, oxycodone, and methadone decreased, occurrences of tramadol (10.5 percent) and morphine (7.5 percent) increased when compared to 2012. Deaths caused by tramadol (10 more than 2012) and morphine (153 more than 2012) increased in 2013.

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Coverage Map

Florida Medical Examiner Districts

District 1

Escambia
Okaloosa
Santa Rosa
Walton

District 2

Franklin
Gadsden
Leon
Liberty
Jefferson
Taylor
Wakulla

District 3 *Covered by

Columbia *4
Dixie *8
Hamilton *4
Lafayette *2
Madison *2
Suwannee *2

District 4

Duval
Nassau
Clay

District 5

Citrus
Hernando
Lake
Marion
Sumter

District 6

Pinellas
Pasco

District 7

Volusia

District 8

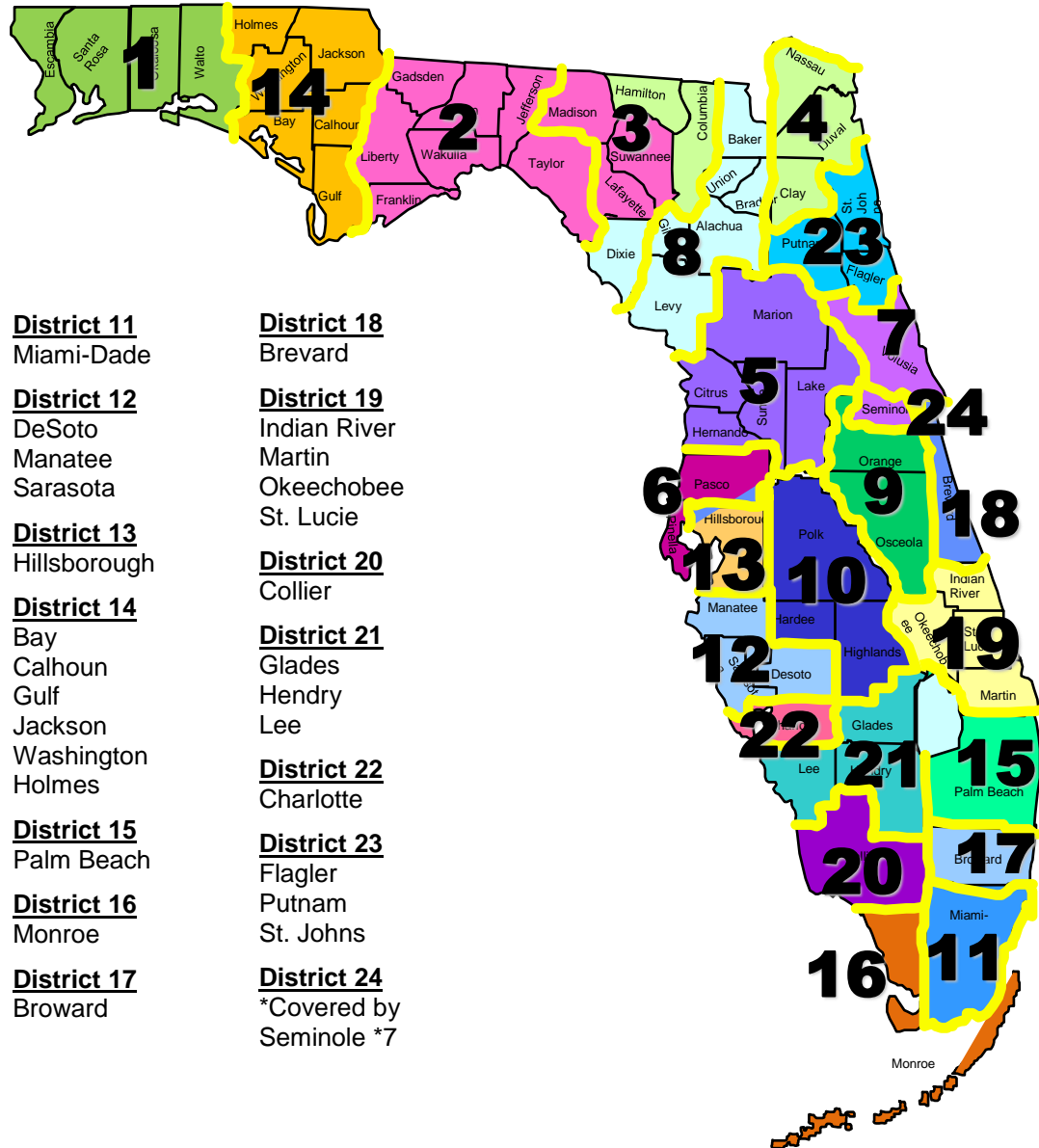
Alachua
Baker
Bradford
Gilchrist
Levy
Union

District 9

Orange
Osceola

District 10

Hardee
Highlands
Polk



District 11
Miami-Dade

District 12
DeSoto
Manatee
Sarasota

District 13
Hillsborough

District 14
Bay
Calhoun
Gulf
Jackson
Washington
Holmes

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

Summary of Drug Occurrences in Decedents 2013

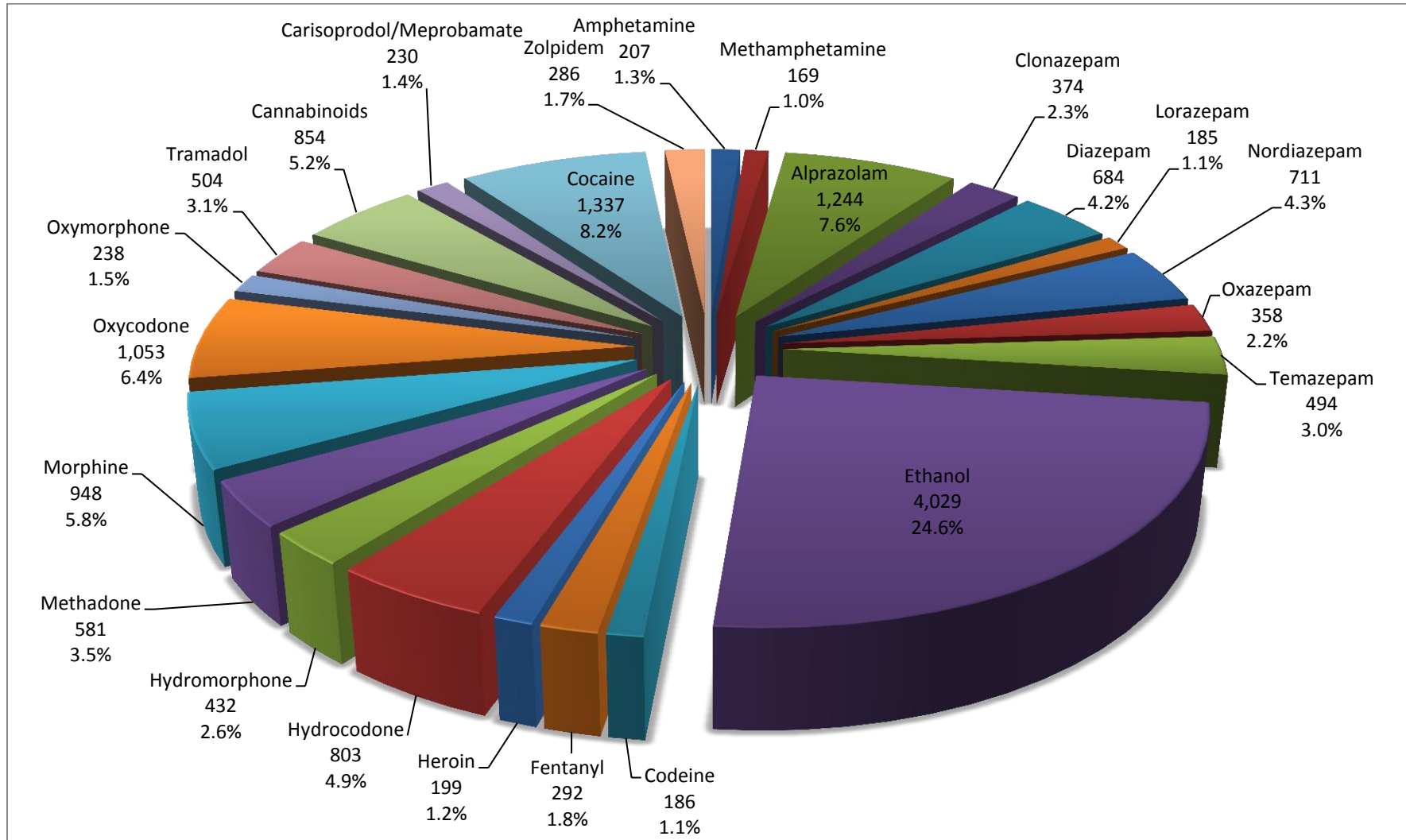
	DRUG FOUND IN BODY	CAUSE	PRESENT	TOTAL OCCURRENCES
Amphetamines	Amphetamine	49	158	207
	Methamphetamine	79	90	169
Benzodiazepines	Alprazolam	511	733	1,244
	Chlordiazepoxide	11	58	69
	Clonazepam	67	307	374
	Diazepam	187	497	684
	Estazolam	0	3	3
	Flunitrazepam	0	0	0
	Flurazepam	1	12	13
	Lorazepam	19	166	185
	Midazolam	6	159	165
	Nordiazepam	128	583	711
	Oxazepam	54	304	358
	Temazepam	106	388	494
	Triazolam	1	3	4
Ethanol		614	3,415	4,029
Hallucinogenics	Phenethylamines/Piperazine	4	5	9
	Tryptamines	1	1	2

Summary of Drug Occurrences in Decedents (continued)

	DRUG FOUND IN BODY	CAUSE	PRESENT	TOTAL OCCURRENCES
Inhalants	Halogenated	20	8	28
	Helium	17	0	17
	Hydrocarbon	10	2	12
	Nitrous Oxide	2	0	2
Opioids	Buprenorphine	14	17	31
	Codeine	41	145	186
	Fentanyl	185	107	292
	Heroin	193	6	199
	Hydrocodone	291	512	803
	Hydromorphone	170	262	432
	Meperidine	3	14	17
	Methadone	389	192	581
	Morphine	568	380	948
	Oxycodone	534	519	1,053
	Oxymorphone	57	181	238
	Tramadol	109	395	504
	Other	Cannabinoids	2	852
Carisoprodol/Meprobamate		57	173	230
Cathinones		31	101	132
Cocaine		607	730	1,337
GHB		1	1	2
Ketamine		1	16	17
Phencyclidine (PCP)		1	0	1
Sympathomimetic Amines		12	21	33
Synthetic Cannabinoids		6	20	26
Zolpidem	65	221	286	

Note: The total occurrences for buprenorphine and cannabinoids are under reported due to analytical variability across medical examiner districts. Medical examiners were asked to identify any metabolites of parent drugs. Since heroin is immediately metabolized to morphine, this may lead to a slight over-reporting of morphine related deaths.

Frequency of Occurrence of Drugs in Decedents January – December 2013



Note: The following drugs individually constituted less than 1 percent of drug frequencies and are not shown: Chlordiazepoxide, Estazolam, Flunitrazepam, Flurazepam, Midazolam, Triazolam, Cathinones, all Hallucinogenics, all Inhalants, Buprenorphine, Meperidine, GHB, Ketamine, PCP, Sympathomimetic Amines and Synthetic Cannabinoids.

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

Comparison of Drug Occurrences in Decedents 2012 to 2013

DRUG FOUND IN BODY		2012	2013	PERCENTAGE CHANGE
Amphetamines	Amphetamine	234	207	-11.5%
	Methamphetamine	146	169	15.8%
Benzodiazepines	Alprazolam	1,417	1,244	-12.2%
	Chlordiazepoxide	66	69	4.5%
	Clonazepam	158	374	136.7%
	Diazepam	770	684	-11.2%
	Estazolam	3	3	No change
	Flunitrazepam	0	0	No change
	Flurazepam	8	13	*
	Lorazepam	192	185	-3.6%
	Midazolam	146	165	13.0%
	Nordiazepam	820	711	-13.3%
	Oxazepam	435	358	-17.7%
	Temazepam	553	494	-10.7%
	Triazolam	3	4	*
	Ethanol		4,026	4,029
Hallucinogenics	Phenethylamines/Piperazine	N/A	9	N/A
	Tryptamines	N/A	2	N/A

Comparison of Drug Occurrences in Decedents (continued)

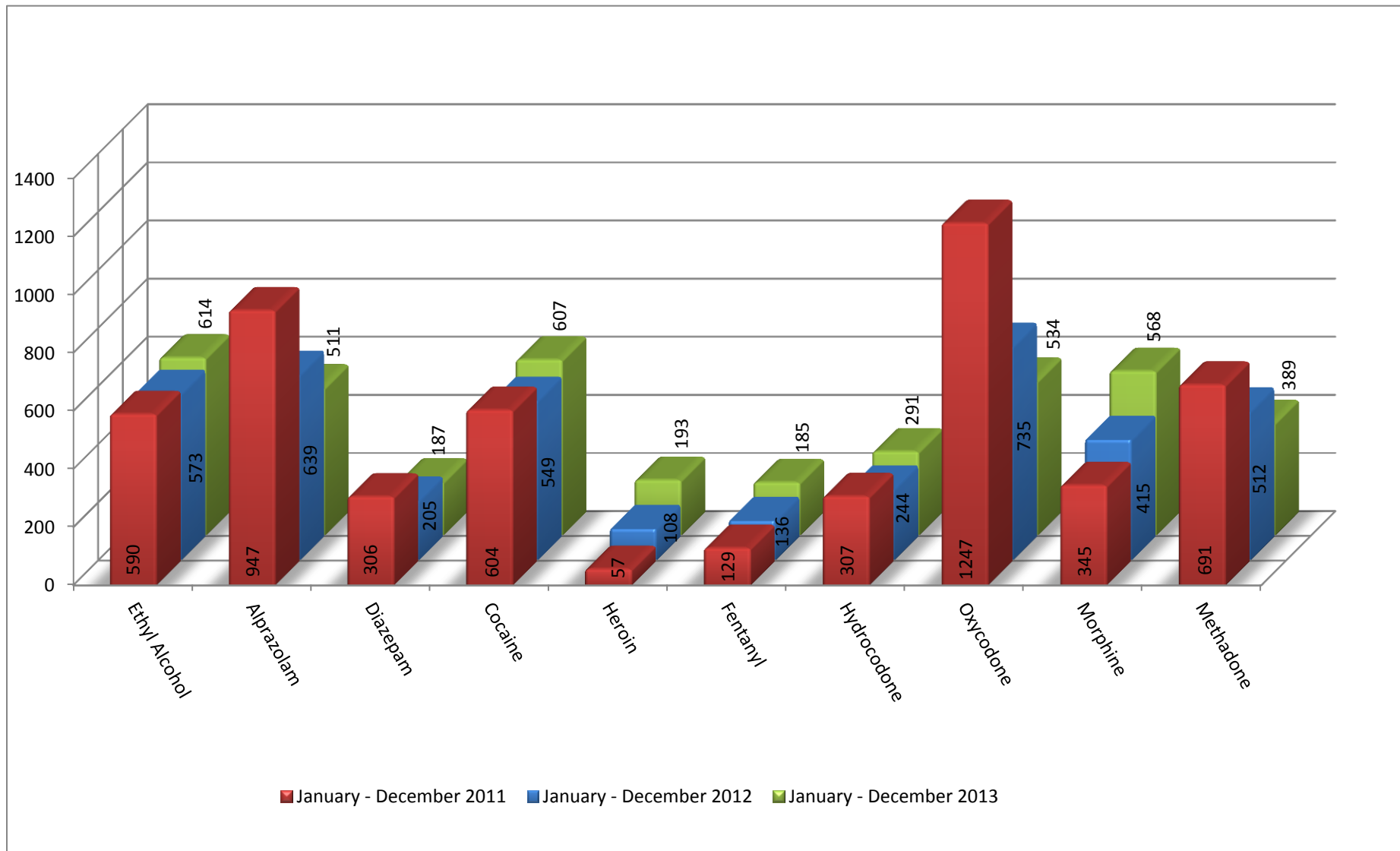
DRUG FOUND IN BODY		2012	2013	PERCENTAGE CHANGE
Inhalants	Halogenated	N/A	28	N/A
	Helium	14	17	*
	Hydrocarbon	N/A	12	N/A
	Nitrous Oxide	3	2	*
Opioids	Buprenorphine	29	31	*
	Codeine	164	186	13.4%
	Fentanyl	251	292	16.3%
	Heroin	117	199	70.1%
	Hydrocodone	777	803	3.3%
	Hydromorphone	414	432	4.3%
	Meperidine	6	17	*
	Methadone	750	581	-22.5%
	Morphine	882	948	7.5%
	Oxycodone	1,426	1,053	-26.2%
	Oxymorphone	315	238	-24.4%
	Tramadol	456	504	10.5%
Other	Cannabinoids	767	854	11.3%
	Carisoprodol/Meprobamate	326	230	-29.4%
	Cathinones	N/A	132	N/A
	Cocaine	1,318	1,337	1.4%
	GHB	9	2	*
	Ketamine	18	17	*
	Phencyclidine (PCP)	0	1	*
	Sympathomimetic Amines	N/A	33	N/A
	Synthetic Cannabinoids	N/A	26	N/A
	Zolpidem	329	286	-13.1%

N/A drugs were not tracked during the previous reporting year, and therefore, comparisons could not be calculated.

**Due to the small number of occurrences, percent changes were not calculated.*

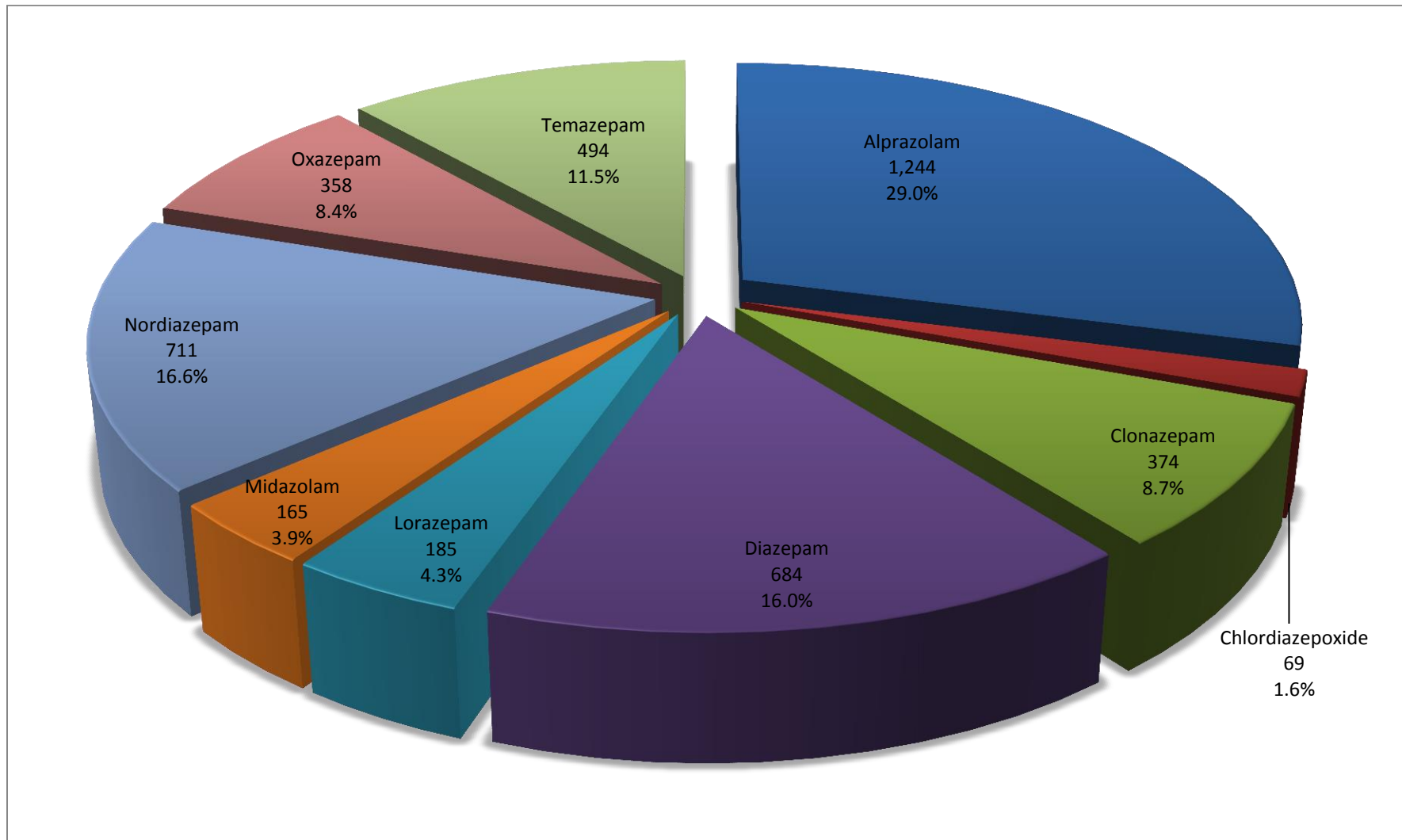
Note: Many deaths were found to have several drugs contributing to the death, and therefore, the count of specific drugs listed is greater than the number of deaths.

Comparison of Drug Caused Deaths 2011 to 2013



Note: Due to small number of occurrences, some drugs are not included in the above chart.

Frequency of Occurrence of Benzodiazepines January – December 2013



Note: Benzodiazepines not included individually constituted less than 1 percent of occurrences.

Alprazolam Deaths

January – December 2013

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

Total Deaths with Alprazolam		
Total	Cause	Present
34	18	16
25	11	14
12	8	4
98	28	70
67	21	46
122	68	54
38	6	32
23	11	12
88	30	58
47	21	26
101	31	70
64	29	35
98	44	54
24	9	15
91	50	41
5	1	4
83	53	30
71	31	40
38	4	34
20	12	8
37	10	27
17	4	13
16	5	11
25	6	19
1,244	511	733

Deaths with Alprazolam Only		
Total	Cause	Present
1	0	1
2	0	2
0	0	0
7	1	6
8	1	7
4	1	3
2	0	2
3	1	2
11	0	11
6	0	6
17	2	15
8	2	6
11	0	11
2	0	2
2	1	1
0	0	0
9	2	7
2	0	2
1	0	1
1	0	1
3	1	2
2	0	2
1	1	0
2	0	2
105	13	92

Deaths with Alprazolam in Combination with Other Drugs		
Total	Cause	Present
33	18	15
23	11	12
12	8	4
91	27	64
59	20	39
118	67	51
36	6	30
20	10	10
77	30	47
41	21	20
84	29	55
56	27	29
87	44	43
22	9	13
89	49	40
5	1	4
74	51	23
69	31	38
37	4	33
19	12	7
34	9	25
15	4	11
15	4	11
23	6	17
1,139	498	641

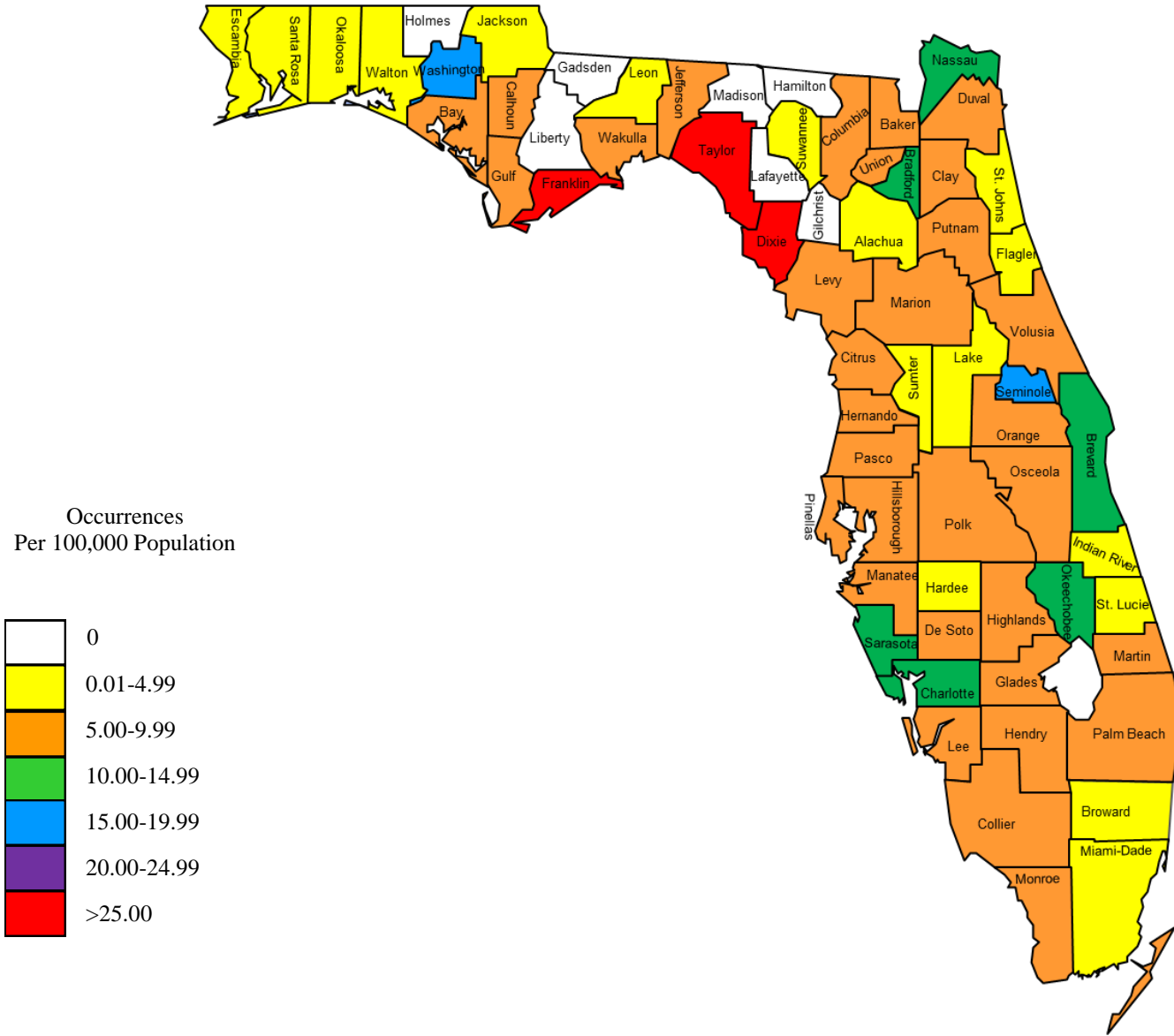
Alprazolam Deaths by Age January – December 2013

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	34
2	Tallahassee	25
3	Live Oak	12
4	Jacksonville	98
5	Leesburg	67
6	St. Petersburg	122
7	Daytona Beach	38
8	Gainesville	23
9	Orlando	88
10	Lakeland	47
11	Miami	101
12	Sarasota	64
13	Tampa	98
14	Panama City	24
15	West Palm Bch	91
16	Florida Keys	5
17	Ft. Lauderdale	83
18	Melbourne	71
19	Ft. Pierce	38
20	Naples	20
21	Ft. Myers	37
22	Port Charlotte	17
23	St. Augustine	16
24	Sanford	25
Statewide Totals		1,244

Alprazolam Caused Death						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
18	0	0	5	13	0	
11	0	2	1	2	6	
8	0	0	1	3	4	
28	0	3	6	11	8	
21	0	0	5	9	7	
68	0	3	10	33	22	
6	0	0	0	2	4	
11	0	0	3	3	5	
30	0	2	7	14	7	
21	0	2	3	8	8	
31	0	3	7	12	9	
29	0	2	2	12	13	
44	0	4	8	18	14	
9	0	0	3	4	2	
50	0	4	12	18	16	
1	0	0	0	0	1	
53	0	3	8	19	23	
31	0	1	3	17	10	
4	0	0	0	2	2	
12	0	1	3	2	6	
10	0	0	3	3	4	
4	0	0	1	1	2	
5	0	0	2	2	1	
6	0	2	2	1	1	
511	0	32	95	209	175	

Alprazolam Present at Death						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
16	0	2	4	5	5	
14	0	0	1	7	6	
4	1	0	0	1	2	
70	0	7	16	20	27	
46	0	3	4	17	22	
54	0	2	8	20	24	
32	0	0	6	16	10	
12	0	0	1	4	7	
58	0	6	10	14	28	
26	0	3	3	7	13	
70	0	9	8	18	35	
35	1	1	6	11	16	
54	1	4	5	22	22	
15	0	1	2	6	6	
41	0	2	9	14	16	
4	0	1	0	2	1	
30	0	1	5	10	14	
40	0	2	4	17	17	
34	0	1	3	18	12	
8	0	0	2	0	6	
27	0	1	2	8	16	
13	0	2	0	7	4	
11	0	0	3	4	4	
19	0	1	3	7	8	
733	3	49	105	255	321	

Alprazolam Deaths by County 2013



Diazepam Deaths

January – December 2013

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

Total Deaths with Diazepam		
Total	Cause	Present
13	7	6
8	3	5
14	4	10
68	11	57
45	2	43
82	48	34
36	4	32
11	7	4
44	7	37
17	10	7
33	5	28
47	19	28
33	10	23
7	0	7
49	13	36
5	1	4
40	14	26
30	5	25
31	0	31
11	1	10
26	9	17
6	1	5
16	4	12
12	2	10
684	187	497

Deaths with Diazepam Only		
Total	Cause	Present
0	0	0
0	0	0
0	0	0
3	0	3
1	0	1
0	0	0
0	0	0
0	0	0
0	0	0
4	0	4
2	0	2
1	0	1
0	0	0
3	0	3
0	0	0
3	0	3
0	0	0
0	0	0
1	0	1
1	0	1
0	0	0
0	0	0
0	0	0
19	0	19

Deaths with Diazepam in Combination with Other Drugs		
Total	Cause	Present
13	7	6
8	3	5
14	4	10
65	11	54
44	2	42
82	48	34
36	4	32
11	7	4
44	7	37
17	10	7
29	5	24
45	19	26
32	10	22
7	0	7
46	13	33
5	1	4
37	14	23
30	5	25
31	0	31
10	1	9
25	9	16
6	1	5
16	4	12
12	2	10
665	187	478

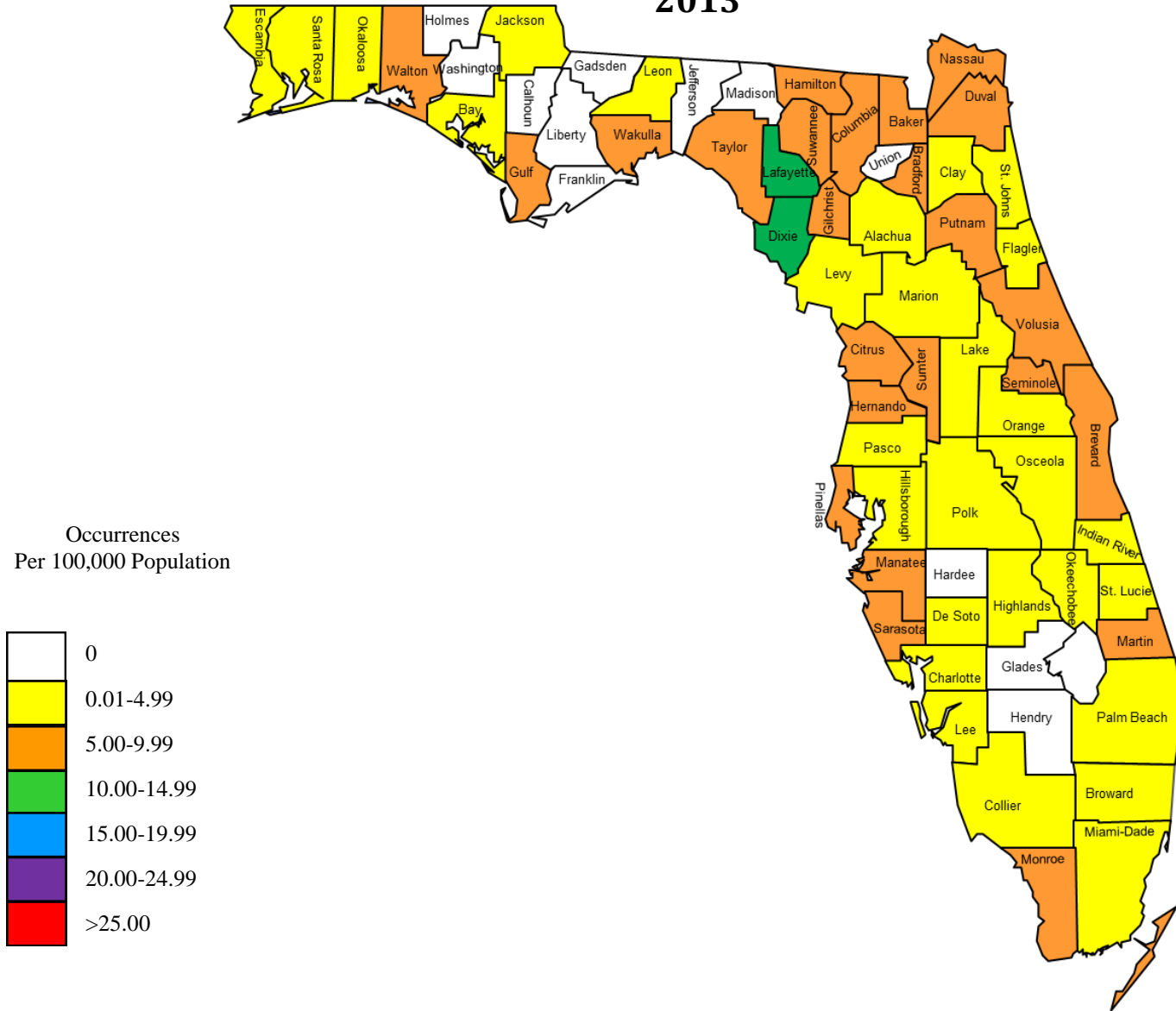
Diazepam Deaths by Age January – December 2013

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	13
2	Tallahassee	8
3	Live Oak	14
4	Jacksonville	68
5	Leesburg	45
6	St. Petersburg	82
7	Daytona Beach	36
8	Gainesville	11
9	Orlando	44
10	Lakeland	17
11	Miami	33
12	Sarasota	47
13	Tampa	33
14	Panama City	7
15	West Palm Beach	49
16	Florida Keys	5
17	Ft. Lauderdale	40
18	Melbourne	30
19	Ft. Pierce	31
20	Naples	11
21	Ft. Myers	26
22	Port Charlotte	6
23	St. Augustine	16
24	Sanford	12
Statewide Totals		684

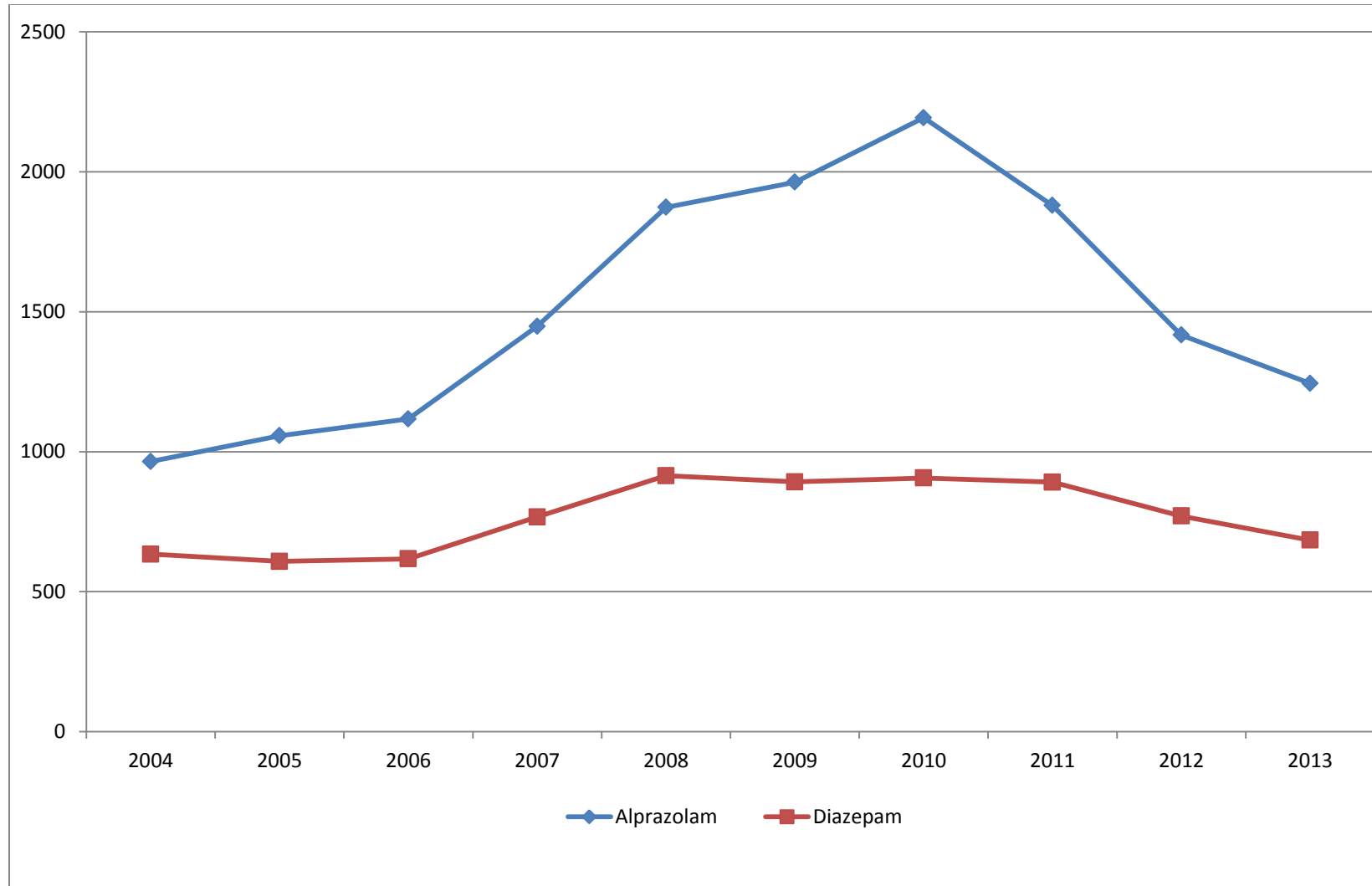
Diazepam Caused Death					
Age of Decedent					
Total	< 18	18-25	26-34	35-50	>50
7	0	0	2	4	1
3	0	0	1	1	1
4	0	0	1	1	2
11	1	1	1	4	4
2	0	1	0	1	0
48	0	0	6	20	22
4	0	0	1	1	2
7	0	0	1	1	5
7	0	0	1	3	3
10	0	0	3	2	5
5	0	0	0	3	2
19	0	0	3	8	8
10	0	1	2	5	2
0	0	0	0	0	0
13	0	0	1	5	7
1	0	0	0	0	1
14	0	0	5	4	5
5	0	0	0	2	3
0	0	0	0	0	0
1	0	0	0	0	1
9	0	0	4	1	4
1	0	1	0	0	0
4	0	0	0	2	2
2	0	1	0	1	0
187	1	5	32	69	80

Diazepam Present at Death					
Age of Decedent					
Total	<18	18-25	26-34	35-50	>50
6	0	1	0	1	4
5	1	0	0	0	4
10	0	0	0	4	6
57	0	2	10	18	27
43	1	1	5	14	22
34	0	0	1	19	14
32	0	0	10	14	8
4	0	0	0	1	3
37	0	4	2	11	20
7	0	0	0	0	7
28	0	0	2	8	18
28	1	0	1	11	15
23	0	0	4	5	14
7	0	0	2	2	3
36	0	0	4	10	22
4	0	0	0	2	2
26	0	2	1	9	14
25	0	0	4	10	11
31	0	0	3	11	17
10	0	0	1	2	7
17	0	0	6	2	9
5	0	0	0	0	5
12	0	1	2	3	6
10	0	0	2	3	5
497	3	11	60	160	263

Diazepam Deaths by County 2013



Occurrences of Alprazolam and Diazepam (Present and Cause) 2004 to 2013



Oxycodone Deaths

January – December 2013

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

Total Deaths with Oxycodone		
Total	Cause	Present
19	12	7
9	4	5
10	6	4
81	38	43
61	34	27
111	68	43
27	15	12
17	8	9
73	32	41
48	28	20
53	17	36
48	32	16
110	48	62
15	4	11
72	35	37
1	1	0
57	46	11
71	33	38
57	26	31
24	10	14
36	16	20
15	4	11
22	12	10
16	5	11
1,053	534	519

Deaths with Oxycodone Only		
Total	Cause	Present
2	1	1
1	0	1
1	0	1
2	2	0
8	4	4
7	4	3
5	0	5
2	1	1
14	6	8
7	3	4
8	0	8
4	2	2
9	2	7
2	0	2
7	1	6
0	0	0
7	6	1
9	2	7
7	3	4
3	1	2
1	0	1
0	0	0
5	1	4
3	0	3
114	39	75

Deaths with Oxycodone in Combination with Other Drugs		
Total	Cause	Present
17	11	6
8	4	4
9	6	3
79	36	43
53	30	23
104	64	40
22	15	7
15	7	8
59	26	33
41	25	16
45	17	28
44	30	14
101	46	55
13	4	9
65	34	31
1	1	0
50	40	10
62	31	31
50	23	27
21	9	12
35	16	19
15	4	11
17	11	6
13	5	8
939	495	444

Oxycodone Deaths by Age

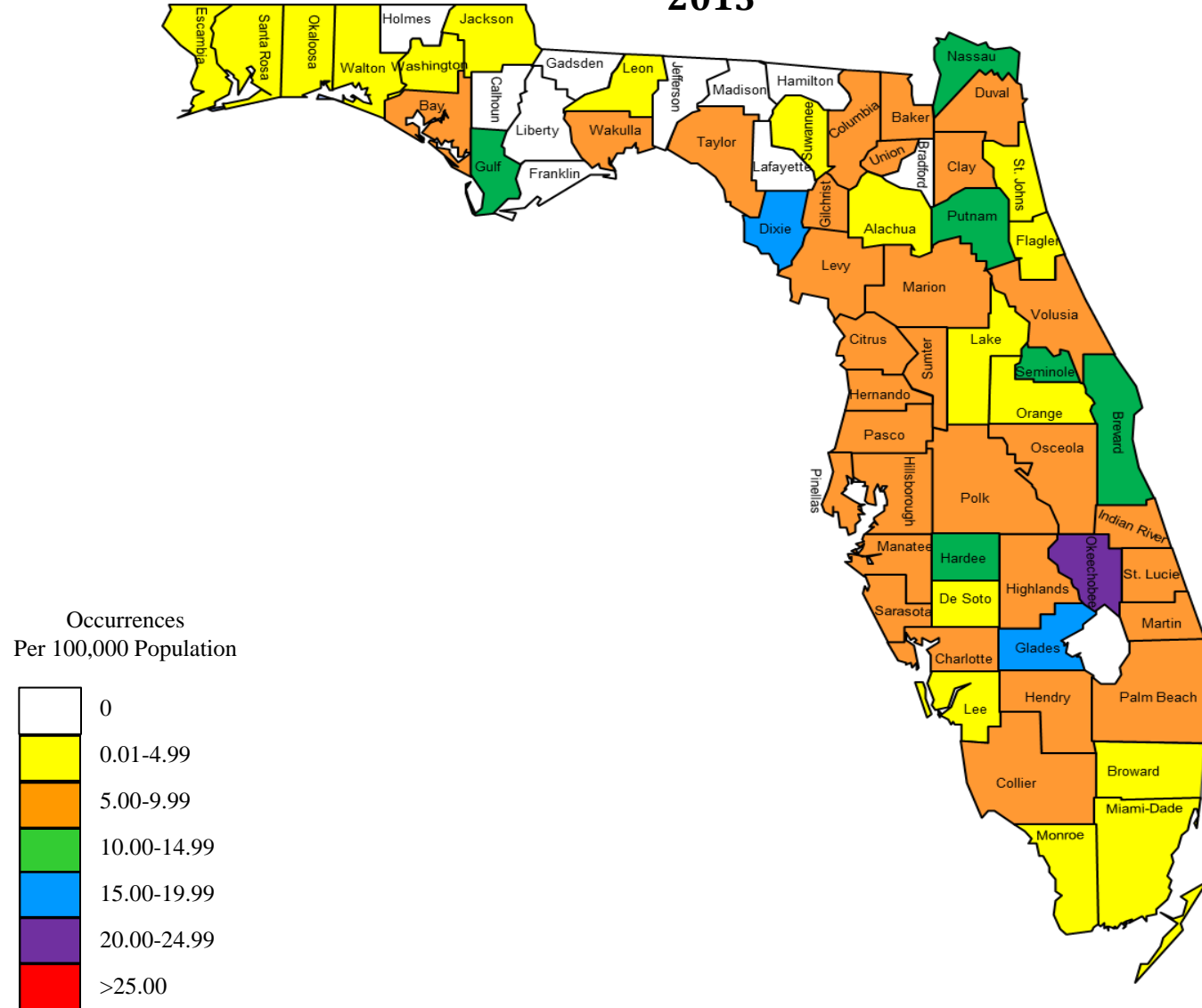
January – December 2013

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	19
2	Tallahassee	9
3	Live Oak	10
4	Jacksonville	81
5	Leesburg	61
6	St. Petersburg	111
7	Daytona Beach	27
8	Gainesville	17
9	Orlando	73
10	Lakeland	48
11	Miami	53
12	Sarasota	48
13	Tampa	110
14	Panama City	15
15	West Palm Bch	72
16	Florida Keys	1
17	Ft. Lauderdale	57
18	Melbourne	71
19	Ft. Pierce	57
20	Naples	24
21	Ft. Myers	36
22	Port Charlotte	15
23	St. Augustine	22
24	Sanford	16
Statewide Totals		1,053

Oxycodone Caused Death					
Age of Decedent					
Total	< 18	18-25	26-34	35-50	>50
12	0	0	3	8	1
4	0	0	3	0	1
6	0	0	2	2	2
38	0	4	9	15	10
34	0	2	4	15	13
68	0	3	6	26	33
15	0	0	5	5	5
8	0	0	2	4	2
32	1	2	7	12	10
28	0	2	5	2	19
17	0	1	6	6	4
32	0	3	4	10	15
48	0	4	10	23	11
4	0	1	2	0	1
35	0	2	7	16	10
1	0	0	0	1	0
46	0	2	5	20	19
33	0	1	5	15	12
26	0	0	1	10	15
10	0	2	1	3	4
16	0	0	6	2	8
4	0	0	0	2	2
12	0	0	1	10	1
5	0	1	2	1	1
534	1	30	96	208	199

Oxycodone Present at Death					
Age of Decedent					
Total	<18	18-25	26-34	35-50	>50
7	0	0	2	1	4
5	0	1	0	1	3
4	0	1	1	1	1
43	0	2	8	15	18
27	0	1	4	7	15
43	1	1	4	16	21
12	0	0	1	5	6
9	0	0	2	2	5
41	0	0	2	15	24
20	0	0	1	8	11
36	0	0	6	9	21
16	0	1	2	4	9
62	0	3	5	24	30
11	0	1	2	2	6
37	0	1	5	11	20
0	0	0	0	0	0
11	0	0	3	4	4
38	0	2	4	12	20
31	0	1	3	8	19
14	0	0	2	1	11
20	0	3	1	6	10
11	0	0	0	2	9
10	0	0	3	2	5
11	0	0	1	4	6
519	1	18	62	160	278

Oxycodone Deaths by County 2013



Hydrocodone Deaths

January – December 2013

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

Total Deaths with Hydrocodone		
Total	Cause	Present
29	4	25
19	4	15
14	7	7
96	32	64
50	17	33
73	37	36
36	11	25
22	7	15
65	18	47
51	25	26
44	13	31
33	12	21
48	14	34
19	2	17
35	23	12
7	4	3
28	20	8
45	15	30
16	6	10
10	5	5
24	4	20
15	4	11
15	4	11
9	3	6
803	291	512

Deaths with Hydrocodone Only		
Total	Cause	Present
3	0	3
4	0	4
3	1	2
20	1	19
6	2	4
9	0	9
8	0	8
5	0	5
19	1	18
13	1	12
6	0	6
6	1	5
9	0	9
4	0	4
2	0	2
0	0	0
4	2	2
6	0	6
4	2	2
0	0	0
3	1	2
1	0	1
2	0	2
1	0	1
138	12	126

Deaths with Hydrocodone in Combination with Other Drugs		
Total	Cause	Present
26	4	22
15	4	11
11	6	5
76	31	45
44	15	29
64	37	27
28	11	17
17	7	10
46	17	29
38	24	14
38	13	25
27	11	16
39	14	25
15	2	13
33	23	10
7	4	3
24	18	6
39	15	24
12	4	8
10	5	5
21	3	18
14	4	10
13	4	9
8	3	5
665	279	386

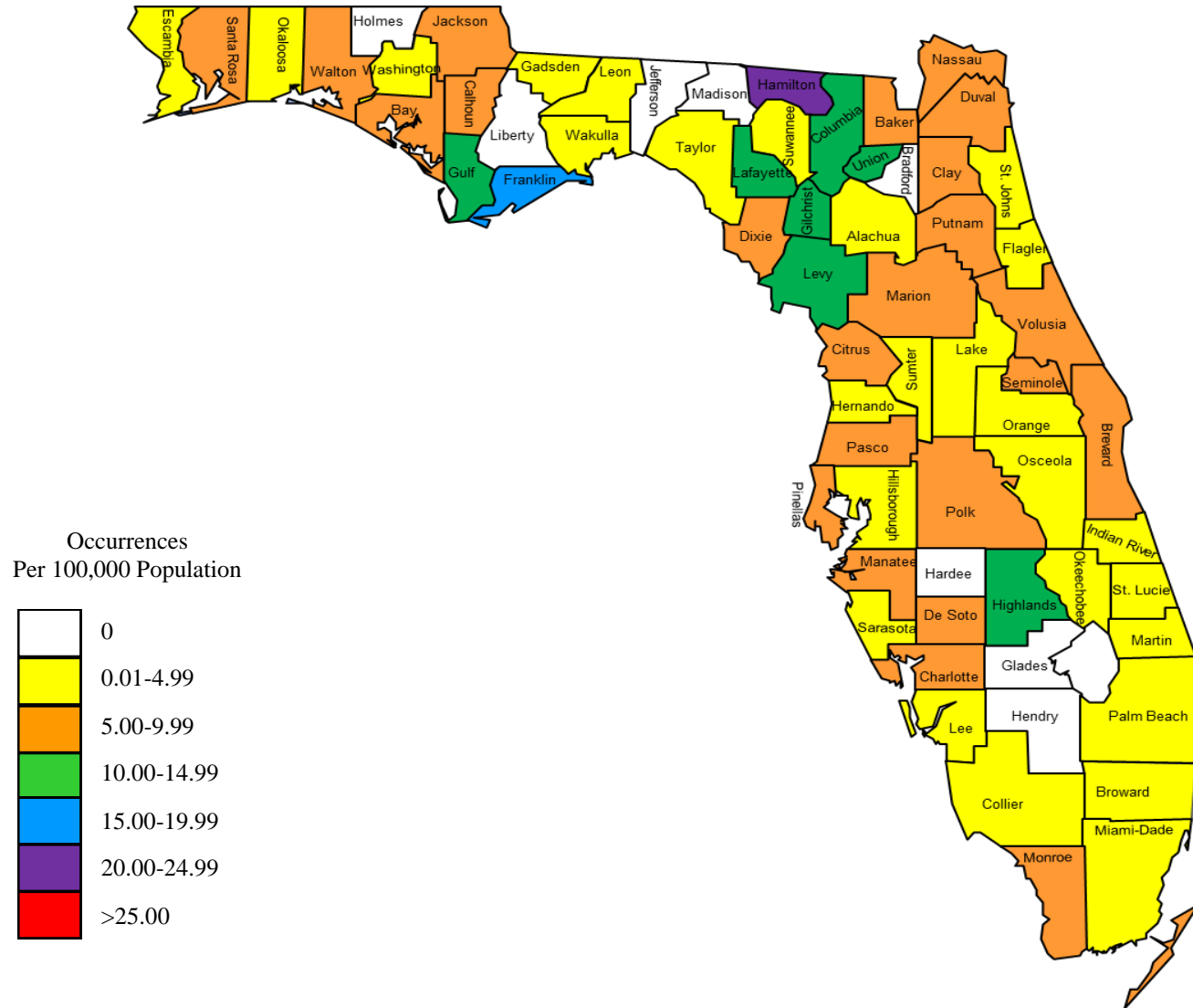
Hydrocodone Deaths by Age January – December 2013

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	29
2	Tallahassee	19
3	Live Oak	14
4	Jacksonville	96
5	Leesburg	50
6	St. Petersburg	73
7	Daytona Beach	36
8	Gainesville	22
9	Orlando	65
10	Lakeland	51
11	Miami	44
12	Sarasota	33
13	Tampa	48
14	Panama City	19
15	West Palm Bch	35
16	Florida Keys	7
17	Ft. Lauderdale	28
18	Melbourne	45
19	Ft. Pierce	16
20	Naples	10
21	Ft. Myers	24
22	Port Charlotte	15
23	St. Augustine	15
24	Sanford	9
Statewide Totals		803

Hydrocodone Caused Death						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
4	0	0	0	4	0	
4	0	0	0	3	1	
7	0	2	1	4	0	
32	0	1	6	13	12	
17	0	1	2	2	12	
37	1	0	2	15	19	
11	0	0	2	4	5	
7	0	0	2	0	5	
18	0	2	2	7	7	
25	0	1	2	6	16	
13	0	1	3	5	4	
12	0	1	0	5	6	
14	0	0	3	4	7	
2	0	0	0	2	0	
23	0	0	4	3	16	
4	0	1	0	0	3	
20	0	0	4	6	10	
15	0	0	1	10	4	
6	0	0	0	3	3	
5	0	0	0	3	2	
4	0	0	1	1	2	
4	0	0	0	1	3	
4	0	0	1	1	2	
3	0	0	0	2	1	
291	1	10	36	104	140	

Hydrocodone Present at Death						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
25	0	2	3	10	10	
15	0	2	2	3	8	
7	0	0	4	0	3	
64	0	4	10	24	26	
33	0	0	3	13	17	
36	1	3	4	5	23	
25	0	0	4	7	14	
15	0	0	0	4	11	
47	0	0	1	13	33	
26	0	0	4	3	19	
31	1	2	5	7	16	
21	0	0	2	7	12	
34	0	0	3	10	21	
17	0	0	1	7	9	
12	0	0	0	3	9	
3	0	0	0	1	2	
8	0	0	2	2	4	
30	0	0	5	3	22	
10	0	0	1	3	6	
5	0	0	0	0	5	
20	0	0	0	4	16	
11	0	0	0	5	6	
11	0	0	2	2	7	
6	0	0	0	3	3	
512	2	13	56	139	302	

Hydrocodone Deaths by County 2013



Methadone Deaths

January – December 2013

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

Total Deaths with Methadone		
Total	Cause	Present
18	13	5
12	6	6
13	9	4
47	35	12
50	35	15
83	69	14
19	16	3
16	11	5
39	24	15
15	9	6
7	4	3
36	24	12
72	40	32
10	5	5
21	13	8
0	0	0
23	16	7
31	19	12
17	9	8
11	9	2
13	7	6
7	2	5
13	8	5
8	6	2
581	389	192

Deaths with Methadone Only		
Total	Cause	Present
1	1	0
0	0	0
3	1	2
5	3	2
4	3	1
10	10	0
3	3	0
4	1	3
4	2	2
4	2	2
0	0	0
1	1	0
11	5	6
1	1	0
4	3	1
0	0	0
6	4	2
2	0	2
1	0	1
1	1	0
3	1	2
1	0	1
1	0	1
1	1	0
71	43	28

Deaths with Methadone in Combination with Other Drugs		
Total	Cause	Present
17	12	5
12	6	6
10	8	2
42	32	10
46	32	14
73	59	14
16	13	3
12	10	2
35	22	13
11	7	4
7	4	3
35	23	12
61	35	26
9	4	5
17	10	7
0	0	0
17	12	5
29	19	10
16	9	7
10	8	2
10	6	4
6	2	4
12	8	4
7	5	2
510	346	164

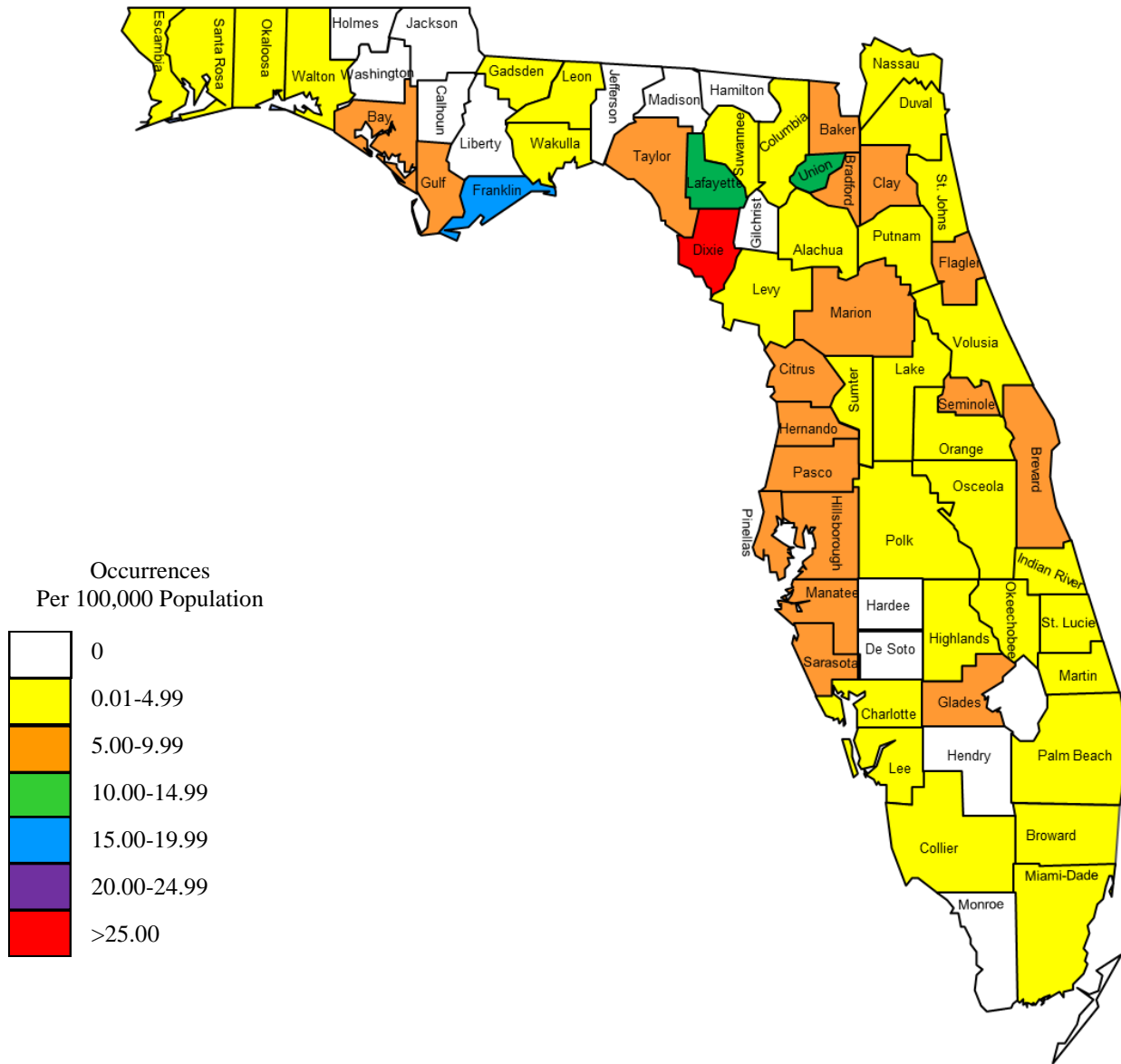
Methadone Deaths by Age January – December 2013

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	18
2	Tallahassee	12
3	Live Oak	13
4	Jacksonville	47
5	Leesburg	50
6	St. Petersburg	83
7	Daytona Beach	19
8	Gainesville	16
9	Orlando	39
10	Lakeland	15
11	Miami	7
12	Sarasota	36
13	Tampa	72
14	Panama City	10
15	West Palm Bch	21
16	Florida Keys	0
17	Ft. Lauderdale	23
18	Melbourne	31
19	Ft. Pierce	17
20	Naples	11
21	Ft. Myers	13
22	Port Charlotte	7
23	St. Augustine	13
24	Sanford	8
Statewide Totals		581

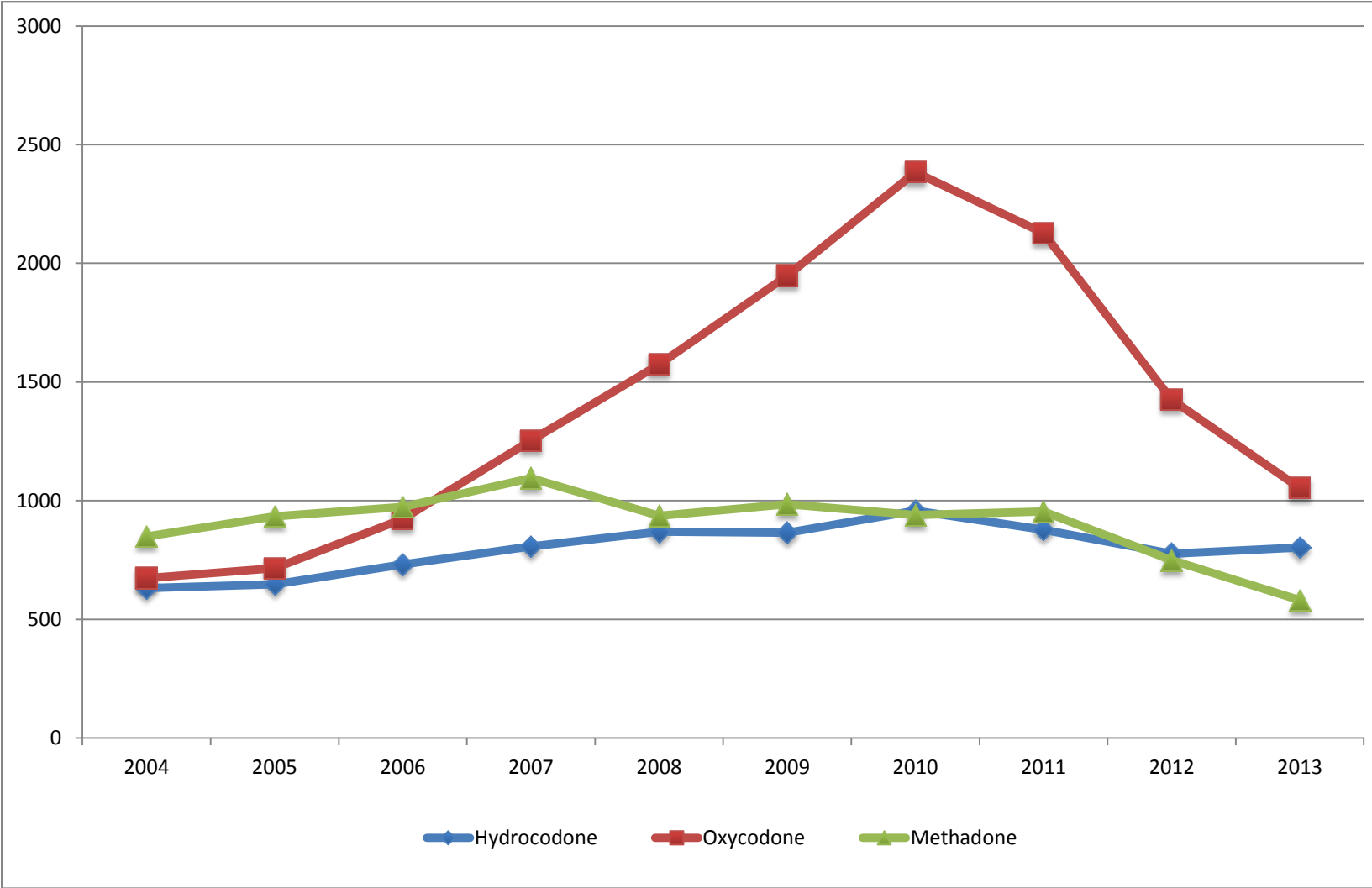
Methadone Caused Death					
Age of Decedent					
Total	< 18	18-25	26-34	35-50	>50
13	0	1	5	5	2
6	0	0	1	1	4
9	0	1	2	3	3
35	0	2	10	15	8
35	0	2	8	15	10
69	4	4	12	28	21
16	0	1	3	9	3
11	0	0	4	2	5
24	0	1	5	13	5
9	0	0	2	4	3
4	0	0	0	2	2
24	0	2	5	10	7
40	0	2	7	19	12
5	0	0	3	0	2
13	0	0	1	5	7
0	0	0	0	0	0
16	0	2	5	5	4
19	0	0	2	10	7
9	0	1	1	5	2
9	0	0	1	3	5
7	0	0	4	1	2
2	0	1	1	0	0
8	0	0	2	4	2
6	0	1	0	2	3
389	4	21	84	161	119

Methadone Present at Death					
Age of Decedent					
Total	<18	18-25	26-34	35-50	>50
5	0	0	0	4	1
6	0	2	0	3	1
4	0	1	0	2	1
12	0	2	2	4	4
15	0	1	1	3	10
14	0	1	5	4	4
3	0	0	1	1	1
5	0	0	1	2	2
15	0	1	3	5	6
6	0	0	0	2	4
3	0	0	0	0	3
12	0	0	0	8	4
32	0	2	2	14	14
5	0	0	1	0	4
8	0	0	2	0	6
0	0	0	0	0	0
7	0	0	0	2	5
12	1	1	2	4	4
8	1	0	0	2	5
2	0	0	1	1	0
6	0	0	1	5	0
5	0	0	0	2	3
5	0	0	2	2	1
2	0	0	2	0	0
192	2	11	26	70	83

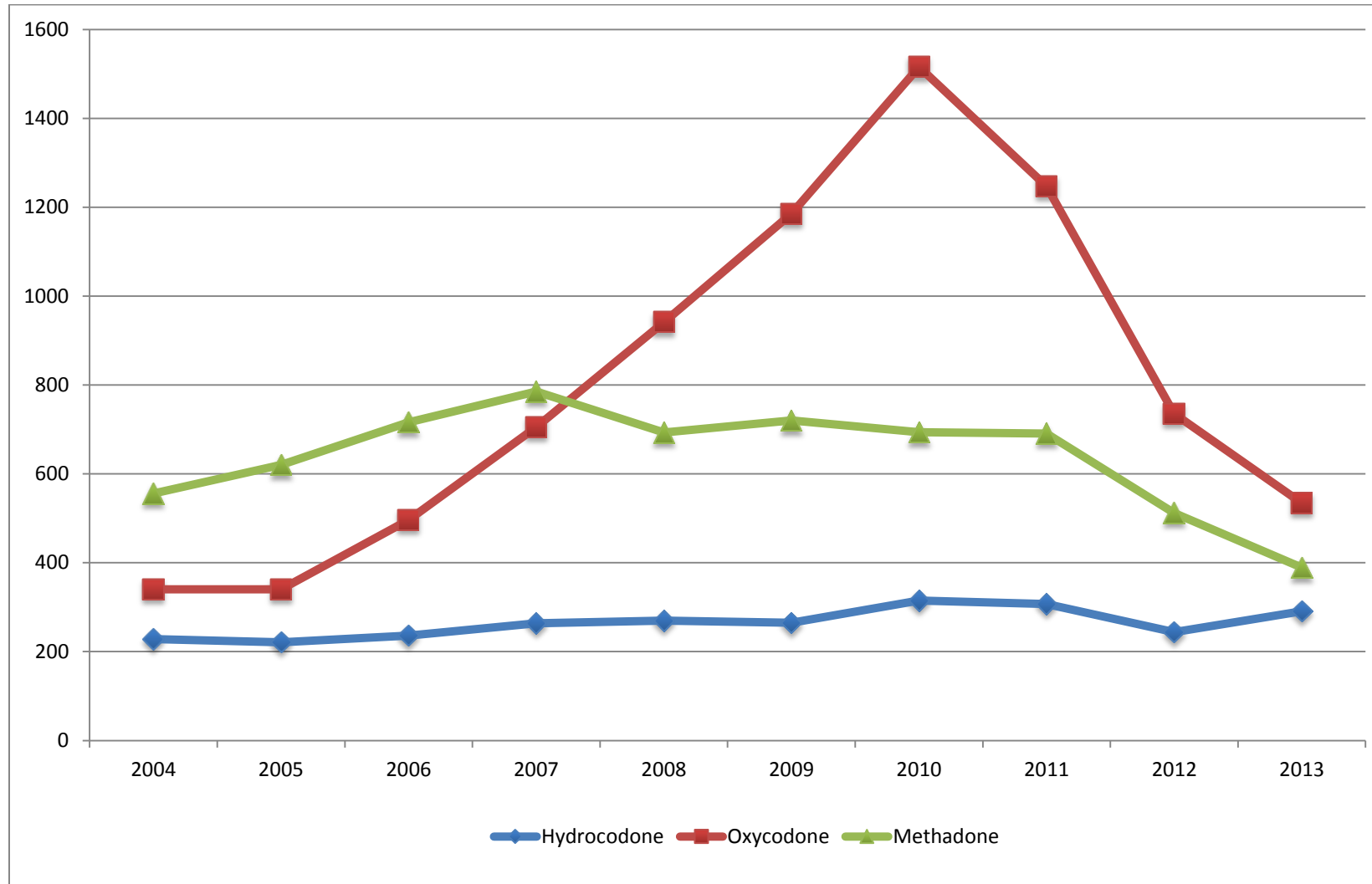
Methadone Deaths by County 2013



Occurrences of Hydrocodone, Oxycodone and Methadone
(Present and Cause)
2004 to 2013



Deaths Caused by Hydrocodone, Oxycodone and Methadone 2004 to 2013



Morphine Deaths

January – December 2013

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

Total Deaths with Morphine		
Total	Cause	Present
12	5	7
11	3	8
7	5	2
53	35	18
48	33	15
97	61	36
33	23	10
25	11	14
121	68	53
40	29	11
86	45	41
43	32	11
57	27	30
4	2	2
59	45	14
3	2	1
81	56	25
34	20	14
34	21	13
9	7	2
39	22	17
29	4	25
11	5	6
12	7	5
948	568	380

Deaths with Morphine Only		
Total	Cause	Present
1	1	0
1	0	1
2	2	0
9	2	7
5	3	2
7	2	5
3	2	1
10	2	8
9	1	8
5	1	4
6	0	6
2	1	1
11	2	9
1	1	0
9	5	4
0	0	0
15	6	9
2	0	2
2	1	1
0	0	0
4	1	3
8	0	8
1	0	1
3	0	3
116	33	83

Deaths with Morphine in Combination with Other Drugs		
Total	Cause	Present
11	4	7
10	3	7
5	3	2
44	33	11
43	30	13
90	59	31
30	21	9
15	9	6
112	67	45
35	28	7
80	45	35
41	31	10
46	25	21
3	1	2
50	40	10
3	2	1
66	50	16
32	20	12
32	20	12
9	7	2
35	21	14
21	4	17
10	5	5
9	7	2
832	535	297

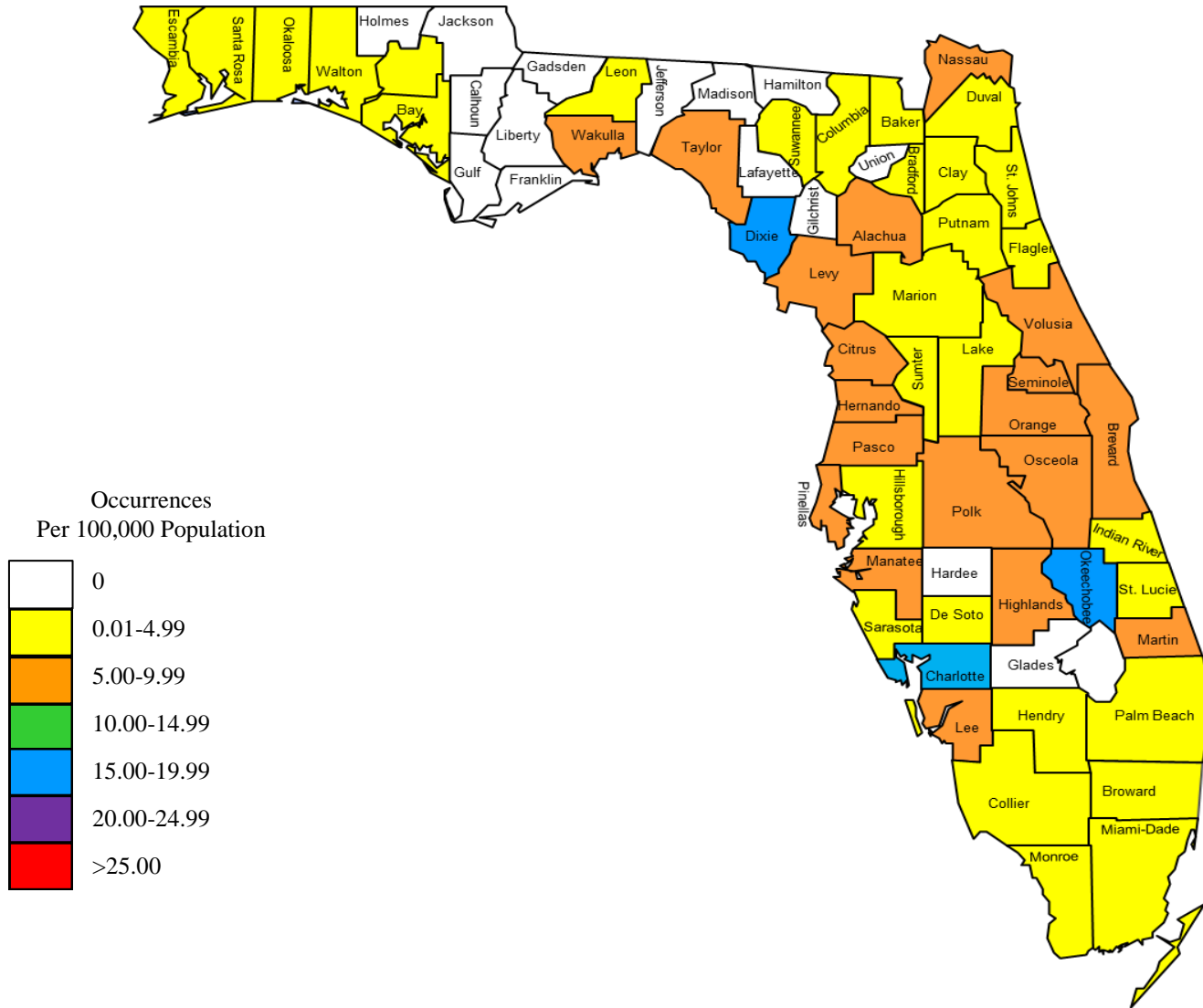
Morphine Deaths by Age January – December 2013

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	12
2	Tallahassee	11
3	Live Oak	7
4	Jacksonville	53
5	Leesburg	48
6	St. Petersburg	97
7	Daytona Beach	33
8	Gainesville	25
9	Orlando	121
10	Lakeland	40
11	Miami	86
12	Sarasota	43
13	Tampa	57
14	Panama City	4
15	West Palm Bch	59
16	Florida Keys	3
17	Ft. Lauderdale	81
18	Melbourne	34
19	Ft. Pierce	34
20	Naples	9
21	Ft. Myers	39
22	Port Charlotte	29
23	St. Augustine	11
24	Sanford	12
Statewide Totals		948

Morphine Caused Death						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
5	1	0	2	2	0	
3	0	2	1	0	0	
5	0	1	0	2	2	
35	0	3	5	20	7	
33	0	2	1	11	19	
61	0	1	6	21	33	
23	0	0	5	9	9	
11	0	2	2	5	2	
68	0	12	19	19	18	
29	0	3	3	11	12	
45	0	7	13	19	6	
32	0	5	3	11	13	
27	0	2	5	10	10	
2	0	0	0	1	1	
45	0	5	12	14	14	
2	0	1	0	0	1	
56	1	5	12	14	24	
20	0	1	2	9	8	
21	0	1	3	8	9	
7	0	1	1	2	3	
22	0	2	2	8	10	
4	0	0	1	2	1	
5	0	0	0	3	2	
7	0	1	0	4	2	
568	2	57	98	205	206	

Morphine Present at Death						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
7	0	1	2	4	0	
8	0	1	0	1	6	
2	0	0	1	1	0	
18	1	1	1	7	8	
15	0	0	3	6	6	
36	0	0	4	11	21	
10	2	0	0	2	6	
14	2	0	1	7	4	
53	0	1	6	7	39	
11	0	0	0	3	8	
41	0	3	4	4	30	
11	0	0	0	4	7	
30	0	0	0	9	21	
2	0	0	0	1	1	
14	0	1	1	3	9	
1	0	0	0	0	1	
25	0	1	2	2	20	
14	0	0	1	3	10	
13	0	1	0	1	11	
2	0	0	0	0	2	
17	0	1	3	5	8	
25	0	1	0	3	21	
6	0	0	2	1	3	
5	0	0	0	2	3	
380	5	12	31	87	245	

Morphine Deaths by County 2013



Prescription Drugs in Medical Examiner Deaths 2012 versus 2013

Medical Examiner District and Area of Florida	
District	Area of Florida
1	Pensacola
2	Tallahassee
3	Live Oak
4	Jacksonville
5	Leesburg
6	St. Petersburg
7	Daytona Beach
8	Gainesville
9	Orlando
10	Lakeland
11	Miami
12	Sarasota
13	Tampa
14	Panama City
15	West Palm Bch
16	Florida Keys
17	Ft. Lauderdale
18	Melbourne
19	Ft. Pierce
20	Naples
21	Ft. Myers
22	Port Charlotte
23	St. Augustine
24	Sanford
Statewide Totals	
<p><i>These tables are based on prescription drugs tracked by the Medical Examiners Commission and reported by Florida Medical Examiners. Do not add across columns.</i></p>	

Total Prescription Drug Deaths in ME Deaths (Present and Cause)		
2012	2013	Percent Change
143	96	-32.9
62	75	21.0
50	60	20.0
351	331	-5.7
273	284	4.0
543	447	-17.7
149	147	-1.3
152	101	-33.6
441	413	-6.3
178	199	11.8
353	343	-2.8
196	199	1.5
400	347	-13.3
80	70	-12.5
297	325	9.4
26	23	-11.5
351	269	-23.4
234	212	-9.4
193	201	4.1
72	65	-9.7
181	168	-7.2
84	71	-15.5
63	70	11.1
72	66	-8.3
4,944	4,582	-7.3
<p><i>These individuals died with one or more prescription drugs in their system. The drugs were identified as either the cause of death or merely present in the decedent, and also may have been mixed with illicit drugs and/or alcohol.</i></p>		

Accidental Deaths with Prescription Drugs (Present and Cause)		
2012	2013	Percent Change
67	49	-26.9
23	37	60.9
28	40	42.9
210	191	-9.0
157	159	1.3
283	265	-6.4
73	78	6.8
73	44	-39.7
213	214	0.5
98	115	17.3
164	140	-14.6
107	98	-8.4
199	156	-21.6
28	32	14.3
170	192	12.9
14	10	-28.6
198	176	-11.1
119	97	-18.5
89	99	11.2
40	36	-10.0
79	64	-19.0
30	30	No change
28	27	-3.6
35	35	No change
2,525	2,384	-5.6
<p><i>The manner of death for these decedents was reported as accidental. These individuals died with one or more prescription drugs in their system. The drugs were identified as either the cause of death or merely present in the decedent, and also may have been mixed with illicit drugs and/or alcohol.</i></p>		

Accidental Deaths Caused by Prescription Drugs		
2012	2013	Percent Change
46	30	-34.8
7	19	171.4
16	28	75.0
147	139	-5.4
114	109	-4.4
156	215	37.8
40	56	40.0
39	22	-43.6
130	133	2.3
61	70	14.8
71	73	2.8
90	77	-14.4
138	102	-26.1
13	16	23.1
123	138	12.2
8	6	-25.0
162	132	-18.5
80	65	-18.8
58	59	1.7
33	26	-21.2
43	43	No change
13	12	-7.7
19	18	-5.3
24	21	-12.5
1,631	1,609	-1.3
<p><i>The manner of death for these decedents was reported as accidental. These individuals died with at least one prescription drug in their system that was identified as causing or contributing to the death. These drugs may also have been mixed with illicit drugs and/or alcohol.</i></p>		

Cocaine Deaths

January – December 2013

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

Total Deaths with Cocaine		
Total	Cause	Present
31	5	26
23	6	17
10	8	2
119	62	57
57	36	21
100	59	41
37	10	27
29	22	7
137	62	75
37	23	14
226	75	151
60	31	29
74	27	47
11	2	9
105	53	52
4	1	3
102	56	46
53	24	29
34	11	23
10	6	4
51	17	34
2	2	0
11	1	10
14	8	6
1,337	607	730

Deaths with Cocaine Only		
Total	Cause	Present
7	3	4
3	2	1
1	1	0
16	11	5
12	8	4
11	6	5
10	3	7
3	2	1
31	7	24
14	8	6
66	23	43
5	2	3
22	7	15
5	1	4
14	9	5
0	0	0
33	22	11
9	4	5
5	2	3
3	2	1
8	2	6
0	0	0
2	0	2
2	1	1
282	126	156

Deaths with Cocaine in Combination with Other Drugs		
Total	Cause	Present
24	2	22
20	4	16
9	7	2
103	51	52
45	28	17
89	53	36
27	7	20
26	20	6
106	55	51
23	15	8
160	52	108
55	29	26
52	20	32
6	1	5
91	44	47
4	1	3
69	34	35
44	20	24
29	9	20
7	4	3
43	15	28
2	2	0
9	1	8
12	7	5
1,055	481	574

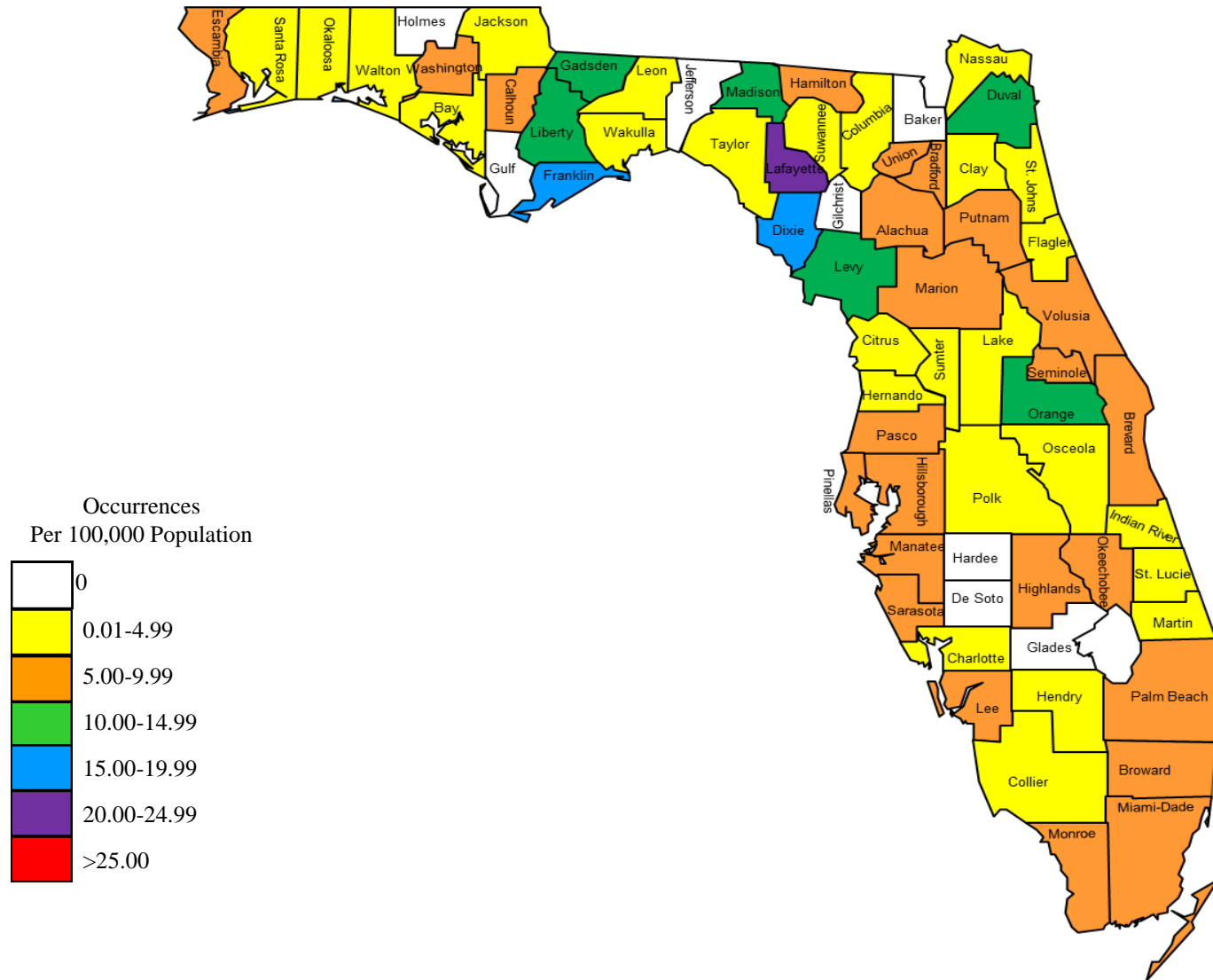
Cocaine Deaths by Age January – December 2013

Medical Examiner District and Area of Florida		
District	Area of Florida	Total
1	Pensacola	31
2	Tallahassee	23
3	Live Oak	10
4	Jacksonville	119
5	Leesburg	57
6	St. Petersburg	100
7	Daytona Beach	37
8	Gainesville	29
9	Orlando	137
10	Lakeland	37
11	Miami	226
12	Sarasota	60
13	Tampa	74
14	Panama City	11
15	West Palm Bch	105
16	Florida Keys	4
17	Ft. Lauderdale	102
18	Melbourne	53
19	Ft. Pierce	34
20	Naples	10
21	Ft. Myers	51
22	Port Charlotte	2
23	St. Augustine	11
24	Sanford	14
Statewide Totals		1,337

Cocaine Caused Death						
Age of Decedent						
Total	< 18	18-25	26-34	35-50	>50	
5	0	0	2	1	2	
6	0	1	1	1	3	
8	0	0	3	2	3	
62	0	4	11	29	18	
36	0	1	7	20	8	
59	0	3	13	25	18	
10	0	0	1	5	4	
22	0	2	5	7	8	
62	0	9	12	20	21	
23	0	1	2	7	13	
75	0	4	11	30	30	
31	0	6	4	13	8	
27	0	1	2	17	7	
2	0	0	0	1	1	
53	0	3	12	24	14	
1	0	1	0	0	0	
56	1	3	4	29	19	
24	0	0	6	13	5	
11	0	1	1	5	4	
6	0	2	0	1	3	
17	0	0	3	6	8	
2	0	0	0	1	1	
1	0	0	1	0	0	
8	0	1	2	4	1	
607	1	43	103	261	199	

Cocaine Present at Death						
Age of Decedent						
Total	<18	18-25	26-34	35-50	>50	
26	0	1	7	15	3	
17	0	6	3	4	4	
2	0	0	1	1	0	
57	0	18	9	18	12	
21	0	2	8	9	2	
41	0	3	8	24	6	
27	0	3	10	7	7	
7	0	0	4	3	0	
75	0	8	18	30	19	
14	0	3	4	4	3	
151	0	21	42	48	40	
29	1	4	5	10	9	
47	0	6	7	20	14	
9	0	1	0	6	2	
52	0	7	14	24	7	
3	0	1	1	0	1	
46	1	5	14	17	9	
29	0	2	8	11	8	
23	1	0	4	9	9	
4	0	0	1	1	2	
34	0	7	6	12	9	
0	0	0	0	0	0	
10	0	0	3	4	3	
6	0	0	0	5	1	
730	3	98	177	282	170	

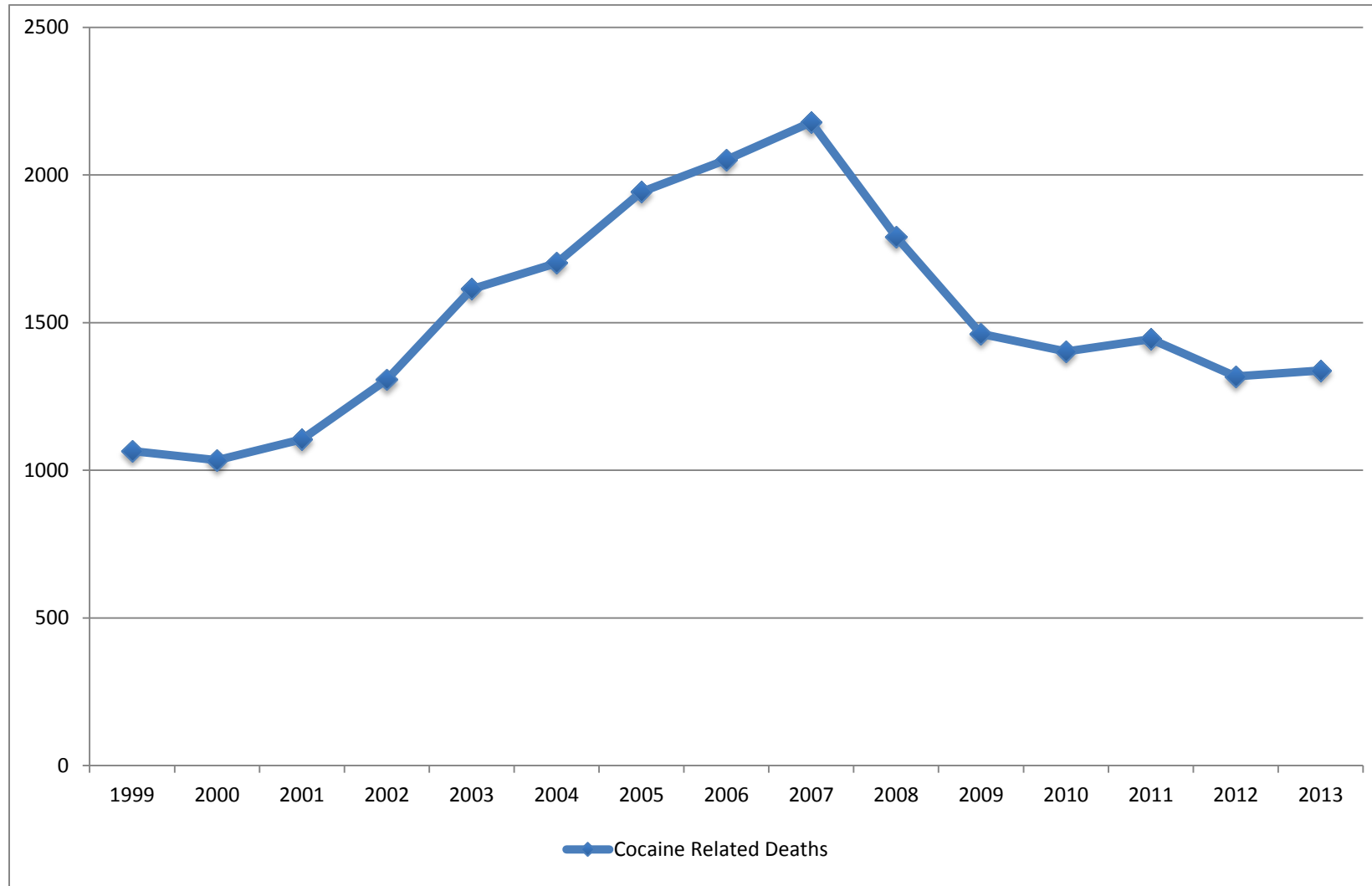
Cocaine Deaths by County 2013



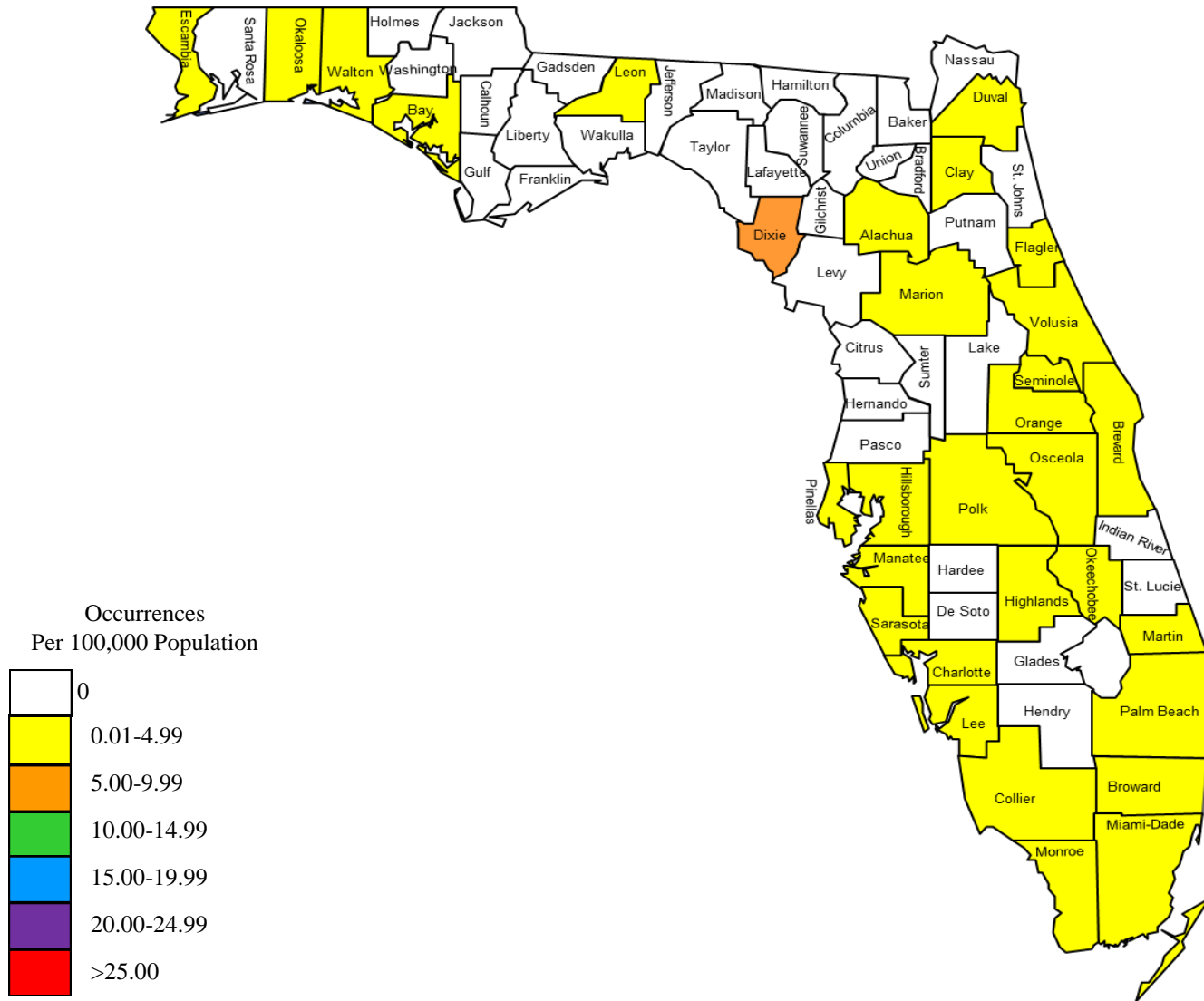
Cocaine Related Deaths by Medical Examiner District
(Present and Cause)
1999 to 2013

District	Area of Florida	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Pensacola	22	23	23	37	46	59	69	78	76	56	33	36	34	34	31
2	Tallahassee	28	26	28	33	43	38	58	51	40	27	30	25	36	25	23
3	Live Oak	7	4	8	7	13	22	19	16	10	13	16	9	8	13	10
4	Jacksonville	100	101	108	148	184	205	195	246	248	165	125	115	113	119	119
5	Leesburg	19	35	38	47	56	69	60	21	45	67	56	52	48	46	57
6	St. Petersburg	58	75	81	89	116	150	138	185	173	154	139	134	112	125	100
7	Daytona Beach	8	24	37	35	42	43	77	64	84	51	58	44	43	36	37
8	Gainesville	15	17	12	15	45	43	48	47	42	32	39	39	34	30	29
9	Orlando	103	109	94	116	124	136	165	178	190	179	145	128	124	120	137
10	Lakeland	27	21	33	30	43	46	75	53	41	40	35	42	29	27	37
11	Miami	226	144	149	151	189	160	162	182	281	201	155	198	184	198	226
12	Sarasota	26	38	39	46	83	69	83	106	105	75	59	57	54	60	60
13	Tampa	80	52	56	79	81	108	115	130	158	146	54	83	96	59	74
14	Panama City	19	19	20	24	31	22	24	32	31	17	20	9	9	10	11
15	West Palm Bch	73	103	125	113	147	151	197	191	168	143	126	106	182	87	105
16	Florida Keys	20	12	14	16	11	10	18	16	27	15	14	11	7	13	4
17	Ft. Lauderdale	139	80	94	121	138	120	136	150	157	146	135	127	115	129	102
18	Melbourne	23	42	35	48	66	62	84	80	62	68	59	49	38	52	53
19	Ft. Pierce	21	37	39	33	33	43	58	45	46	47	35	20	40	24	34
20	Naples	14	15	17	23	15	21	24	34	29	15	21	13	23	16	10
21	Ft. Myers	27	35	27	55	68	84	78	96	79	67	48	53	73	56	51
22	Port Charlotte	3	6	6	5	3	10	14	14	19	14	9	5	7	9	2
23	St. Augustine	4	2	7	23	24	20	24	17	33	27	19	23	15	11	11
24	Sanford	3	14	15	13	13	11	22	20	35	26	32	24	20	19	14
Statewide Total		1,065	1,034	1,105	1,307	1,614	1,702	1,943	2,052	2,179	1,791	1,462	1,402	1,444	1,318	1,337

Historical Overview of Cocaine Occurrences (Present and Cause) 1999 to 2013



Heroin Deaths by County 2013

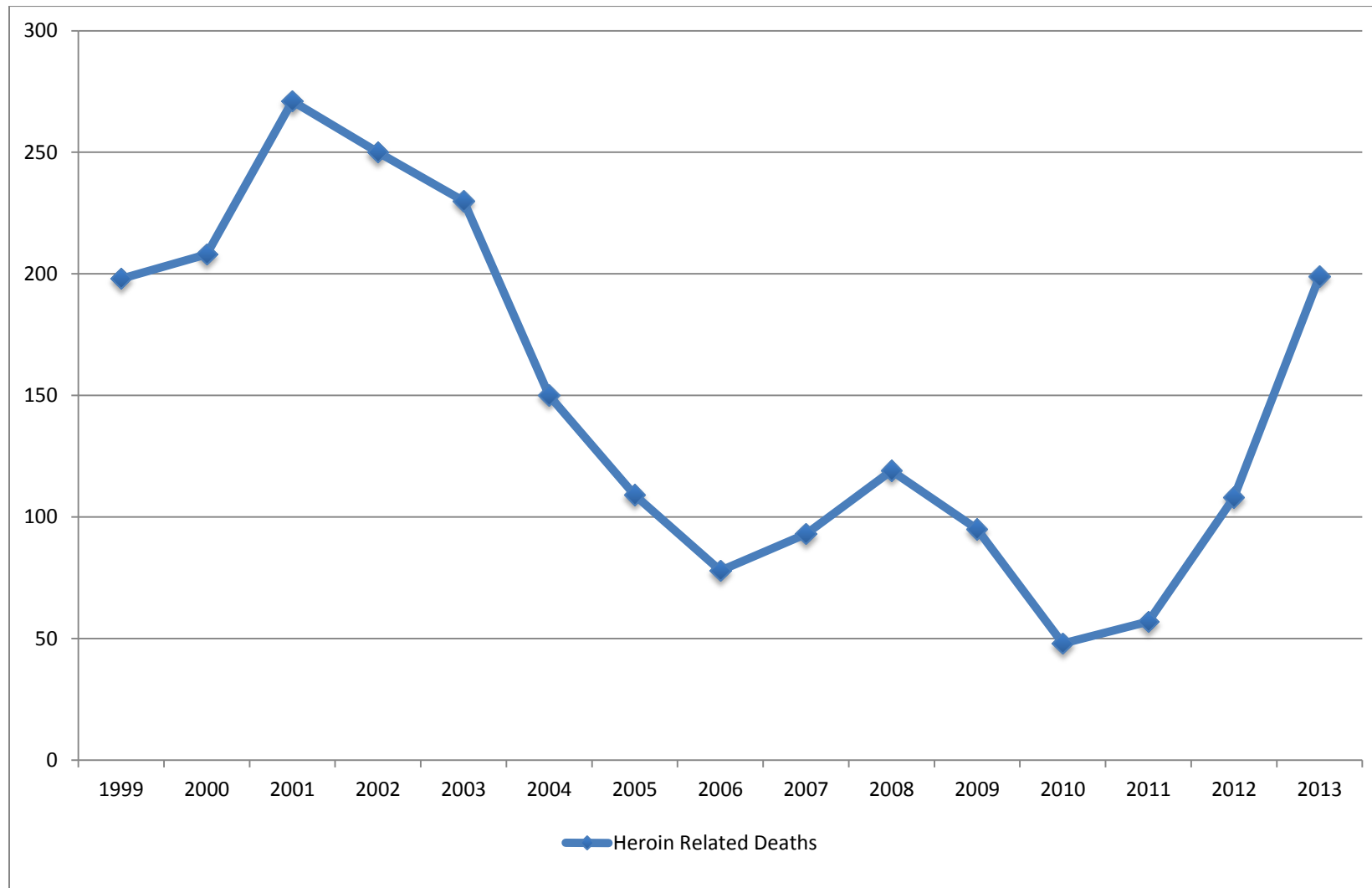


Heroin Related Deaths by Medical Examiner District
(Present and Cause)
1999 to 2013

District	Area of Florida	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Pensacola	0	0	1	0	0	0	0	1	0	1	2	0	0	1	3
2	Tallahassee	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
3	Live Oak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4	Jacksonville	5	4	10	8	5	4	3	4	6	3	2	1	2	10	15
5	Leesburg	2	3	1	4	2	1	0	0	0	5	1	0	1	3	2
6	St. Petersburg	8	17	24	31	22	14	12	6	11	3	8	3	1	1	4
7	Daytona Beach	0	6	1	2	2	2	0	1	1	0	2	1	0	1	3
8	Gainesville	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1
9	Orlando	42	30	34	22	33	20	15	7	16	16	22	9	16	26	41
10	Lakeland	3	1	0	2	0	1	2	0	0	0	1	0	0	1	4
11	Miami	48	61	32	36	28	18	19	12	19	33	26	19	13	32	40
12	Sarasota	1	7	3	3	18	14	8	14	3	18	3	2	2	7	19
13	Tampa	19	21	34	33	18	14	6	7	10	5	1	1	2	2	3
14	Panama City	0	2	0	0	0	0	0	0	1	0	0	1	0	0	2
15	West Palm Bch	12	15	57	36	27	26	17	8	10	6	6	4	12	6	20
16	Florida Keys	5	0	3	4	0	1	0	1	0	1	1	0	0	1	1
17	Ft. Lauderdale	35	17	51	38	43	22	17	11	3	13	7	4	3	9	11
18	Melbourne	6	5	6	7	8	3	2	1	1	1	2	0	0	0	2
19	Ft. Pierce	1	1	3	2	3	3	1	3	3	3	1	1	1	1	3
20	Naples	3	3	3	9	3	0	1	1	1	1	0	0	0	0	2
21	Ft. Myers	7	10	5	7	12	4	0	1	4	7	8	0	1	3	12
22	Port Charlotte	0	1	0	4	0	1	3	0	0	0	1	0	0	1	1
23	St. Augustine	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1
24	Sanford	1	4	3	1	6	2	3	0	4	3	1	1	2	0	7
Statewide Totals		198	208	271	250	230	150	109	78	93	119	95	48	57	108	199

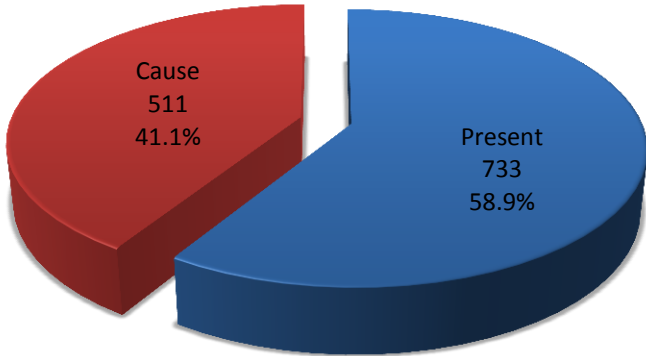
Historical Overview of Heroin Occurrences

(Present and Cause)
1999 to 2013

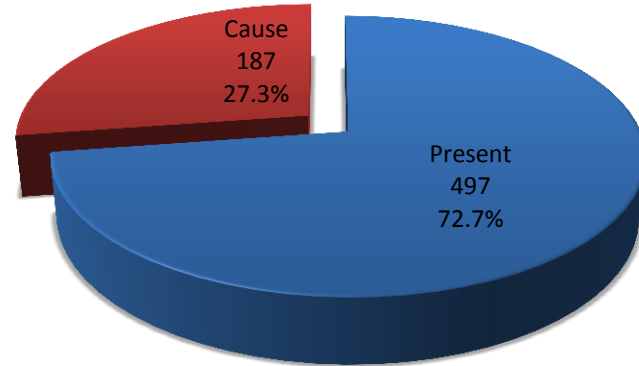


Drug Detected at Death: Cause vs. Present

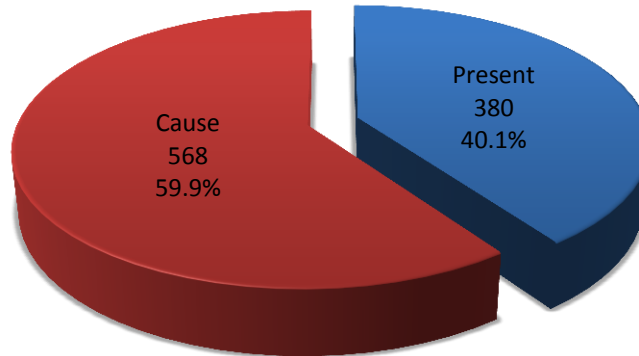
Alprazolam Deaths
Total occurrences = 1,244



Diazepam Deaths
Total occurrences = 684

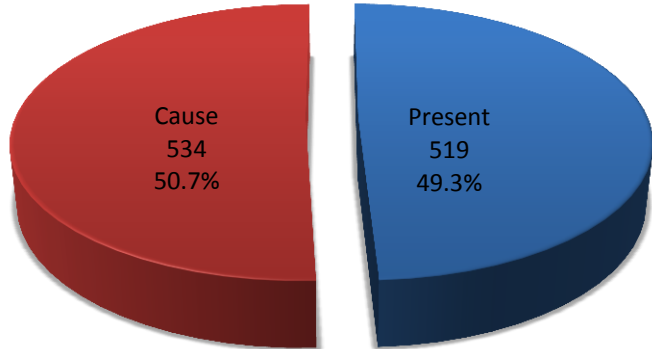


Morphine Deaths
Total occurrences = 948

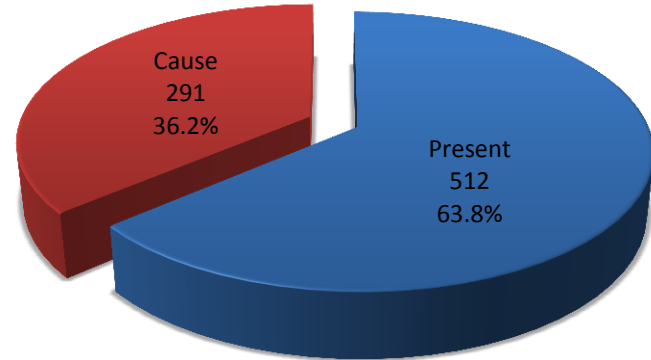


Drug Detected at Death: Cause vs. Present

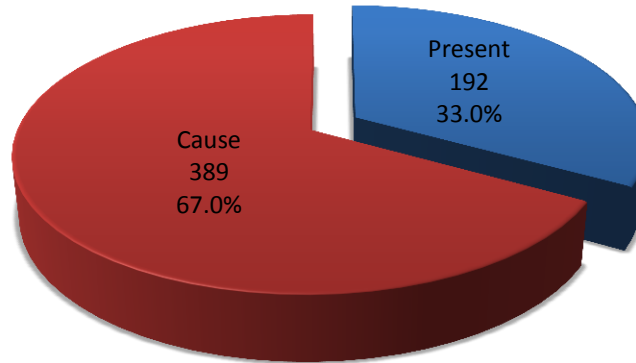
Oxycodone Deaths
Total occurrences = 1,053



Hydrocodone Deaths
Total occurrences = 803

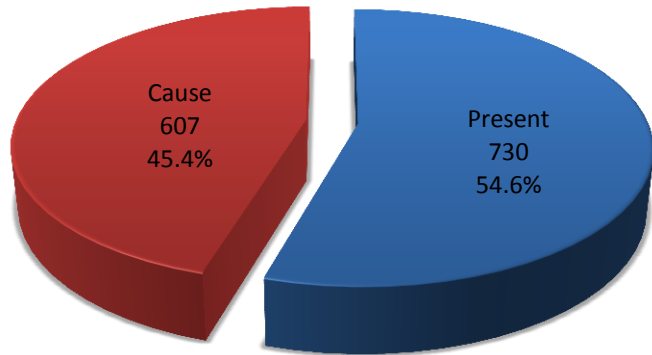


Methadone Deaths
Total occurrences = 581

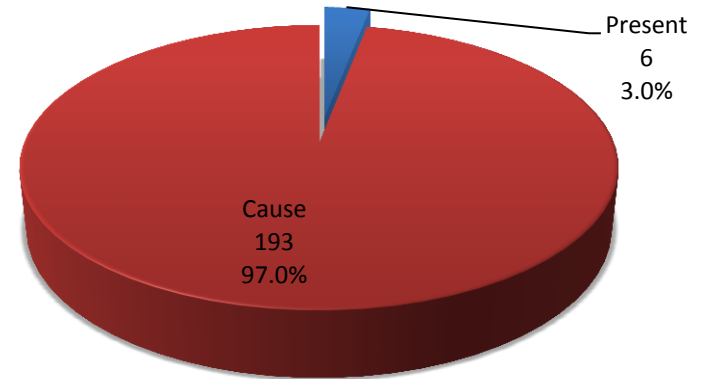


Drug Detected at Death: Cause vs. Present

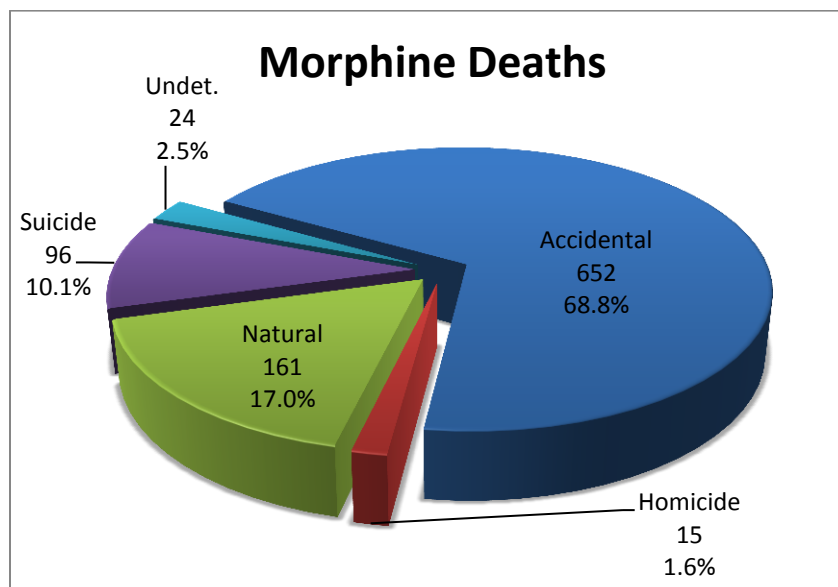
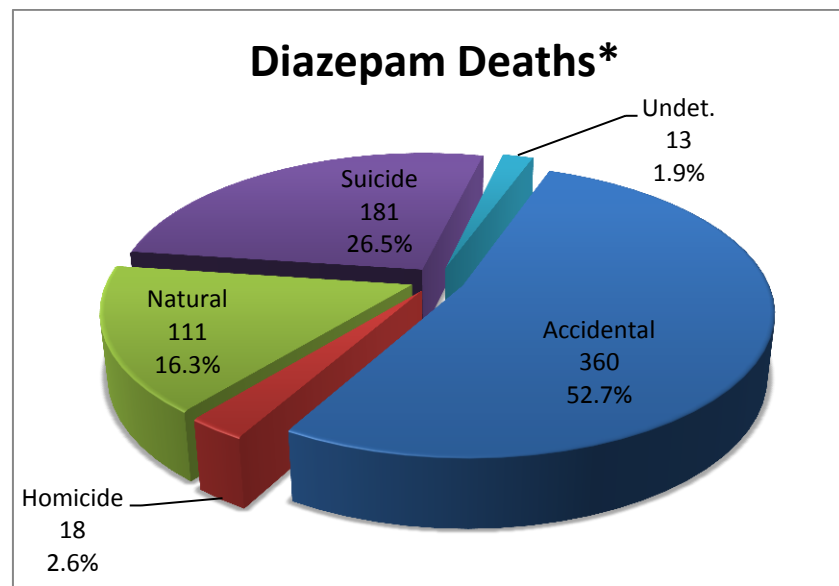
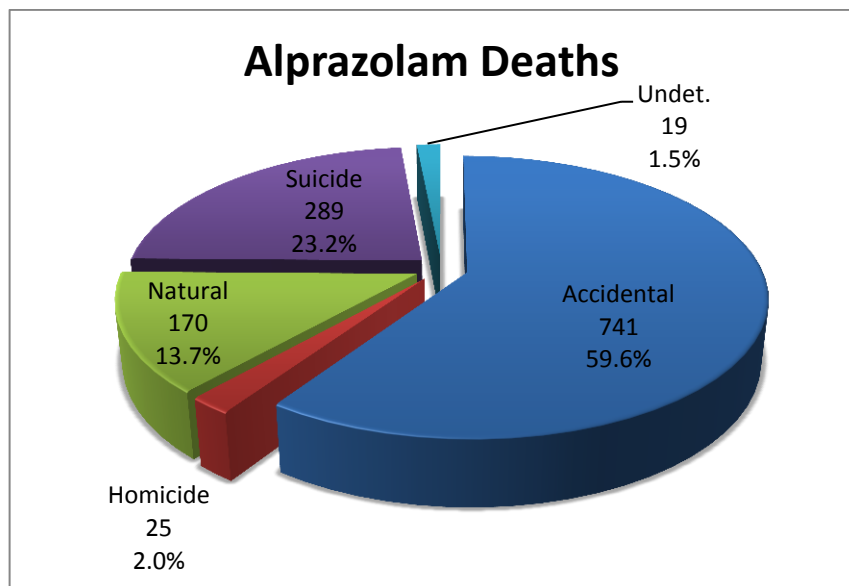
Cocaine Deaths
Total occurrences = 1,337



Heroin Deaths
Total occurrences = 199

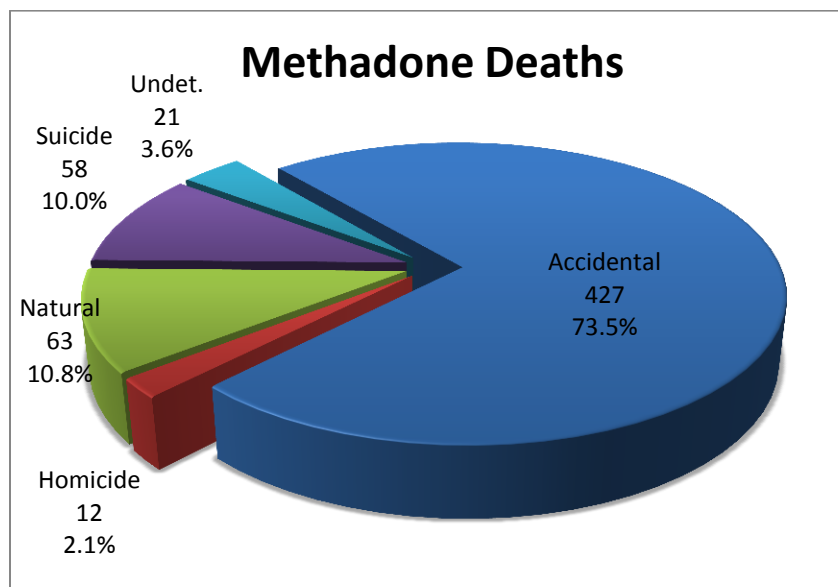
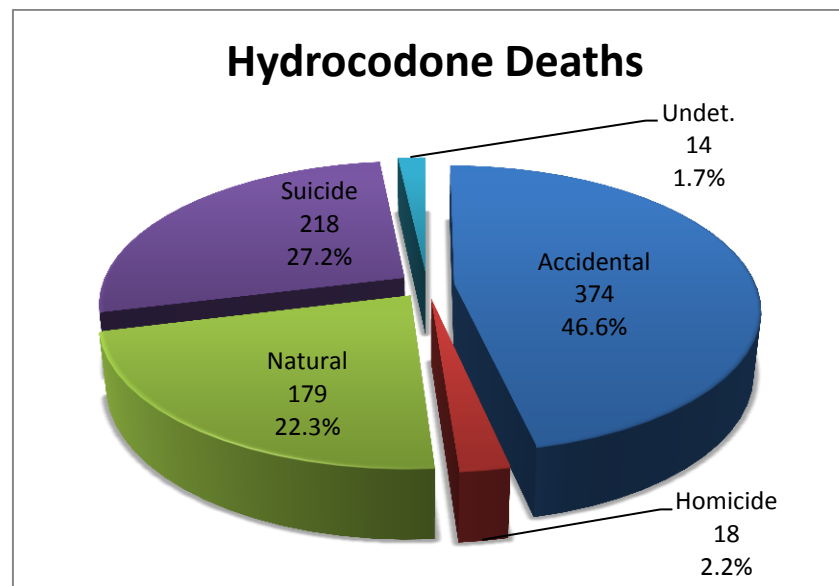
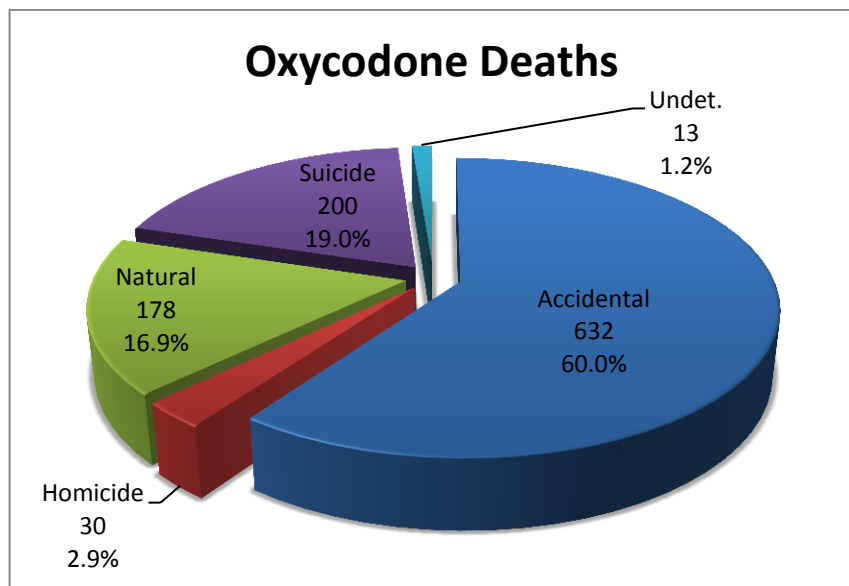


Manner of Death for Cases Reported (Accidental, Homicide, Natural, Suicide or Undetermined)

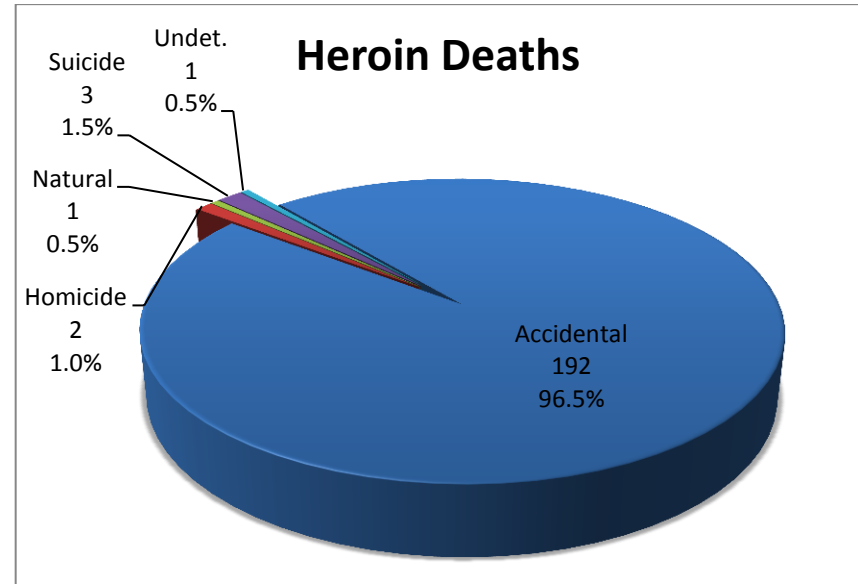
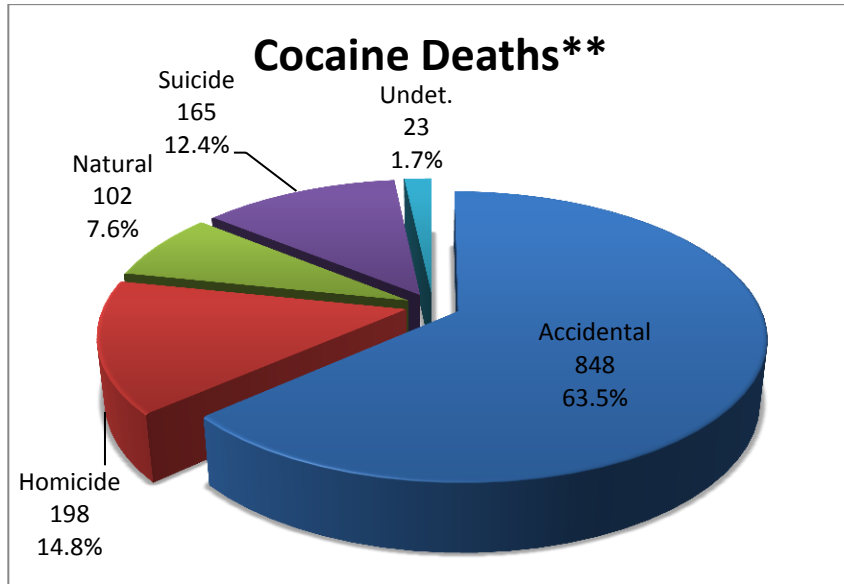


*At the end of 2013, one case was still pending final toxicology results.

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



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



**At the end of 2013, toxicology results were still pending for one death.

Glossary

Amphetamines – A group of synthetic psychoactive drugs called central nervous system (CNS) stimulants. The collective group of amphetamines includes amphetamine, dextroamphetamine, and methamphetamine. Methamphetamine is also known as “meth,” “crank,” “speed” and “tina.”

Benzodiazepines – 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.

Buprenorphine – A semi-synthetic opioid known as Buprenex, Suboxone, and Subutex indicated for the treatment of opioid addiction and moderate to severe pain.

Cathinones - A family of drugs containing one or more synthetic chemicals related to cathinone, an amphetamine-like stimulant found naturally in the Khat plant. They are 'cousins' of the amphetamine family of drugs, which includes amphetamine, methamphetamine and MDMA (ecstasy). It often goes by the street name of “Molly.”

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,” “reefer” 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.”

Ethanol – ethyl alcohol.

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

Flunitrazepam (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.”

Glossary (Continued)

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.”

Hallucinogenic Phenethylamines/Piperazine – Includes such drugs as MDMA (Ecstasy, a hallucinogen), MDA (a psychedelic), MDEA (a psychedelic hallucinogenic) and Piperazine derivatives. 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.”

Hallucinogenic Tryptamines – Natural tryptamines are commonly available in preparations of dried or brewed mushrooms, while tryptamine derivatives are sold in capsule, tablet, powder, or liquid forms. Street names include “Foxy-Methoxy”, “alpha-O”, and “5-MEO.”

Halogenated Inhalants – Includes, but are not limited to, halogenated hydrocarbons, such as Freon, and similar halogenated substances typically used illicitly as inhalants.

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

Hydrocarbon Inhalants – Includes toluene, benzene, components of gasoline and other similar hydrocarbons typically used illicitly as inhalants.

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.

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.

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.

Glossary (Continued)

Nitrous Oxide (N₂O) – 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.

Oxymorphone – A narcotic analgesic (pain killer), that is often prescribed as Opana, Numorphan and Numorphone.

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

Synthetic Cannabinoids – Synthetic cannabinoids are man-made chemicals that are applied (often sprayed) onto plant material to mimic the effect of delta-9-tetrahydrocannabinol (THC), the psychoactive ingredient in the naturally grown marijuana plant (*cannabis sativa*). Synthetic cannabinoids, commonly known as "synthetic marijuana", "Spice" or "K2", are often sold in retail outlets as "herbal incense" or "potpourri", and are labeled "not for human consumption."

Sympathomimetic Amines – A group of stimulants including phentermine (an appetite suppressant) and other sympathomimetic amines not tracked elsewhere in this report.

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.

Zolpidem – A prescription medication used for the short-term treatment of insomnia; it is commonly known as Ambien.