

MEDICAL EXAMINER
District Six

Pasco & Pinellas Counties



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YEAR 2019

MEDICAL EXAMINER

ANNUAL REPORT

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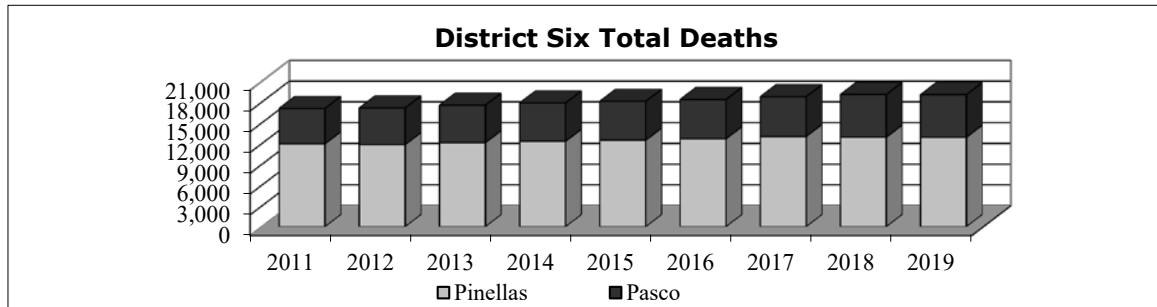
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	2011	2012	2013	2014	2015	2016	2017	2018	2019
Population *									
Pinellas	917,398	920,381	926,610	933,258	944,971	954,569	962,003	970,532	978,045
Pasco	466,457	468,562	473,566	479,340	487,588	495,868	505,709	515,007	527,122
Total	1,383,855	1,388,943	1,400,176	1,412,598	1,432,559	1,450,437	1,467,712	1,485,539	1,505,167

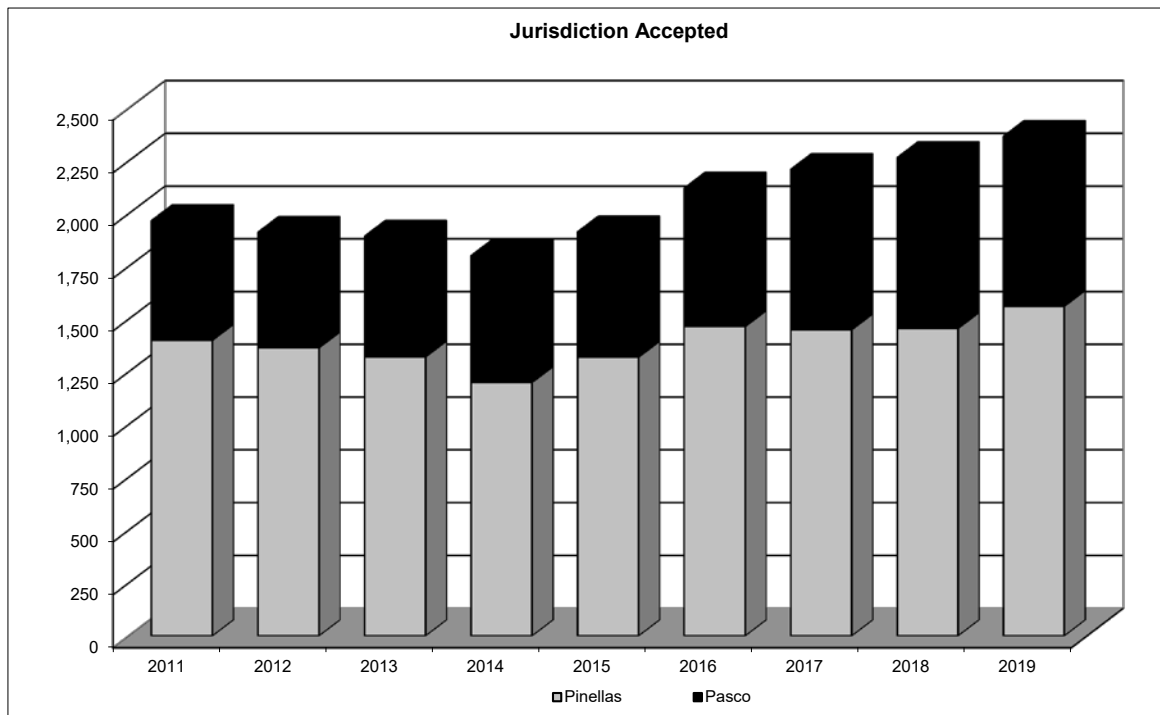
* SOURCE: University of Florida Bureau of Economic and Business Research. (<http://www.bebr.ufl.edu/population>)

	2011	2012	2013	2014	2015	2016	2017	2018	2019
District Deaths *									
Pinellas	11,961	11,850	12,122	12,327	12,486	12,682	13,012	12,912	12,900
Pasco	5,104	5,294	5,411	5,530	5,623	5,674	5,751	6,172	6,161
Total	17,065	17,144	17,533	17,857	18,109	18,356	18,763	19,084	19,061

* SOURCE: Florida Department of Health (<http://www.flhealthcharts.com/FLQUERY/Death/DeathCount.aspx>)

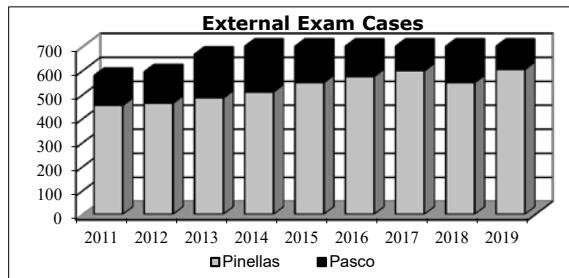
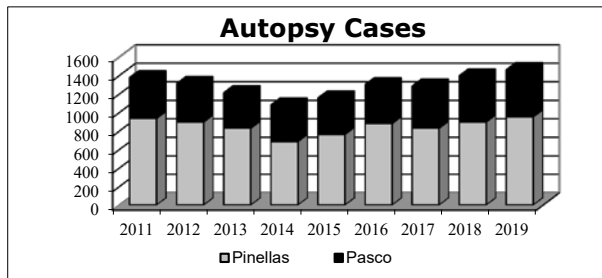


	2011	2012	2013	2014	2015	2016	2017	2018	2019
Cases Accepted									
Pinellas	1,400	1,364	1,321	1,200	1,320	1,465	1,450	1,456	1,561
Pasco	567	548	572	601	594	656	760	810	806
Total	1,967	1,912	1,893	1,801	1,914	2,121	2,210	2,266	2,367



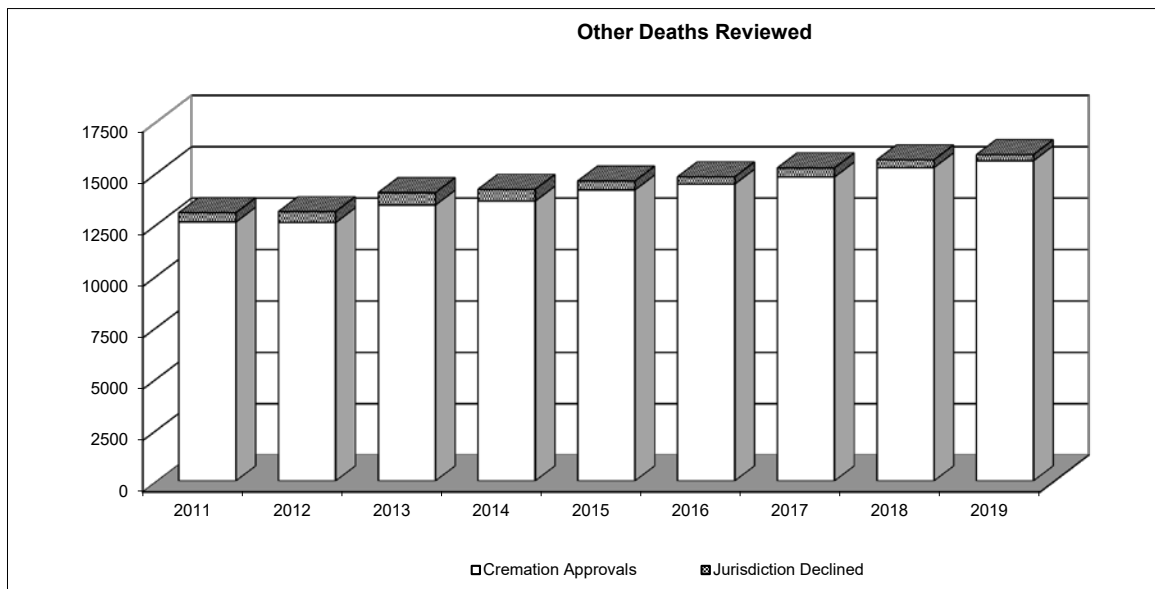
WORKLOAD BY TYPE OF EXAMINATION:

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Autopsies									
Pinellas	935	897	829	685	763	880	829	897	952
(Partial Autopsies)	11	4	7	5	8	11	23	10	5
Pasco	442	415	385	396	394	421	456	499	510
(Partial Autopsies)	1	2	5	4	2	4	10	2	4
Total	1,389	1,318	1,226	1,090	1,167	1,316	1,318	1,408	1,471
External Exams									
Pinellas	454	463	485	510	549	574	598	549	604
Pasco	124	131	182	201	198	231	294	309	292
Total	578	594	667	711	747	805	892	858	896



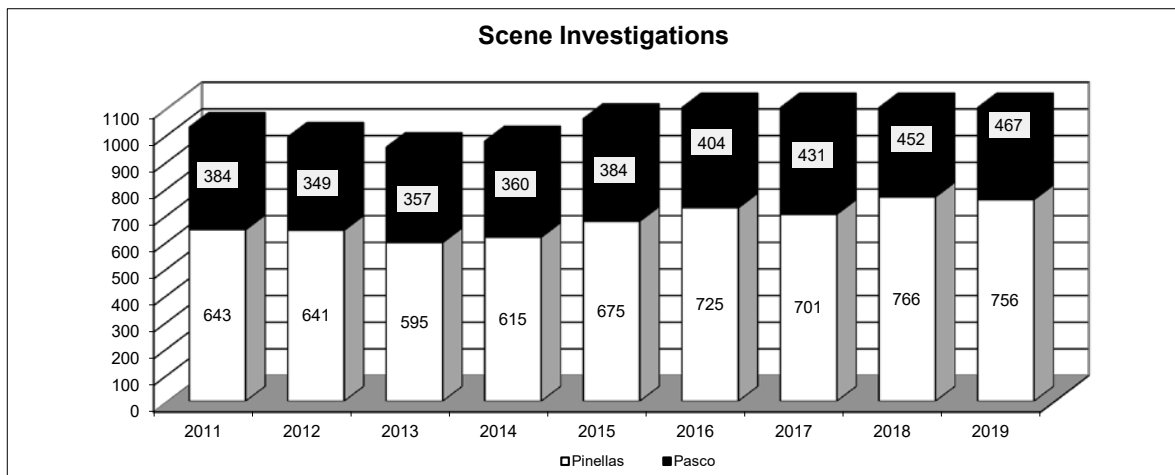
	2011	2012	2013	2014	2015	2016	2017	2018	2019
Cremation Approvals									
Pinellas	8,849	8,706	9,280	9,439	9,812	9,987	10,229	10,357	10,533
Pasco	3,750	3,866	4,146	4,178	4,349	4,459	4,560	4,890	5,048
Total	12,599	12,572	13,426	13,617	14,161	14,446	14,789	15,247	15,581

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Jurisdiction Declined									
Pinellas	309	405	437	404	285	239	321	279	216
Pasco	139	130	163	166	145	110	118	98	77
Total	448	535	600	570	430	349	439	377	293



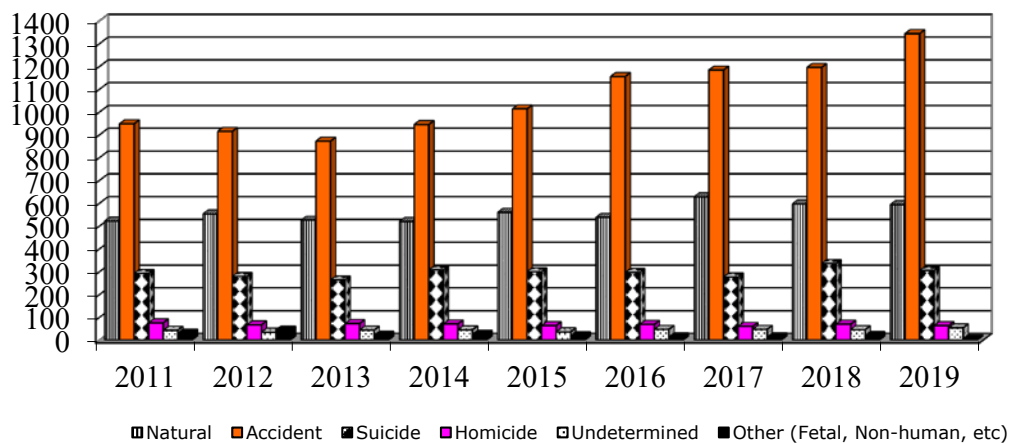
Decedent Transportation	2011	2012	2013	2014	2015	2016	2017	2018	2019
<u>Pinellas</u>									
Medical Examiner Office	1315	1256	1030	1008	1074	1154	1164	1206	1279
Tissue Banks	9	5	6	12	2	4	6	6	5
Other	25	37	16	16	15	12	4	9	3
Total Pinellas	1349	1298	1052	1036	1091	1170	1174	1221	1287
<u>Pasco</u>									
Medical Examiner Office	548	560	538	492	517	563	626	652	671
Tissue Banks	0	3	6	5	4	0	6	4	6
Other	0	2	1	1	0	1	0	2	0
Total Pasco	548	565	545	498	521	564	632	658	677
	1,897	1,863	1,597	1,534	1,612	1,734	1,806	1,879	1,964

Scene Investigations	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pinellas	643	641	595	615	675	725	701	766	756
Pasco	384	349	357	360	384	404	431	452	467
Total	1,027	990	952	975	1,059	1,129	1,132	1,218	1,223



District Deaths by Manner of Death	2011	2012	2013	2014	2015	2016	2017	2018	2019
Natural	522	553	526	520	560	538	628	597	594
Accident	948	915	872	945	1014	1156	1184	1196	1344
Suicide	292	279	264	308	300	297	277	336	305
Homicide	76	67	73	71	64	69	60	70	64
Undetermined	43	35	44	45	36	47	47	46	54
Other (Fetal, Non-human, etc)	31	44	22	25	20	14	14	21	6
Total	1,912	1,893	1,801	1,914	1,994	2,121	2,210	2,266	2,367

District Deaths by Manner of Death

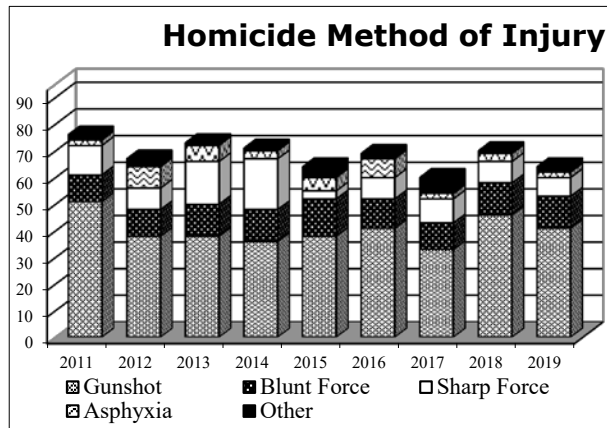
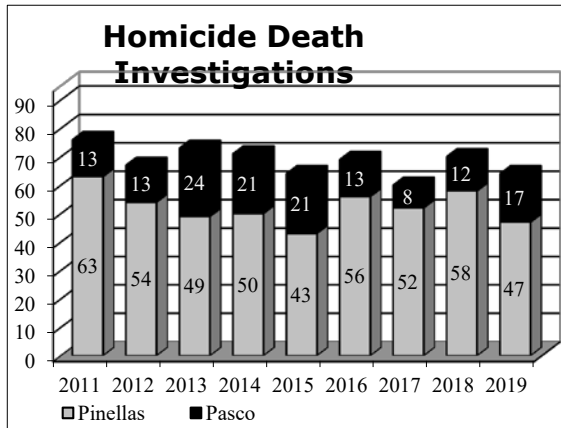


TOTAL VIOLENT DEATHS	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	1,401	1,359	1,296	1,253	1,369	1,414	1,569	1,568	1,648	1,767

HOMICIDE DEATH INVESTIGATIONS

Homicides	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pinellas	63	54	49	50	43	56	52	58	47
Pasco	13	13	24	21	21	13	8	12	17
Total	57	76	67	73	71	64	69	60	64

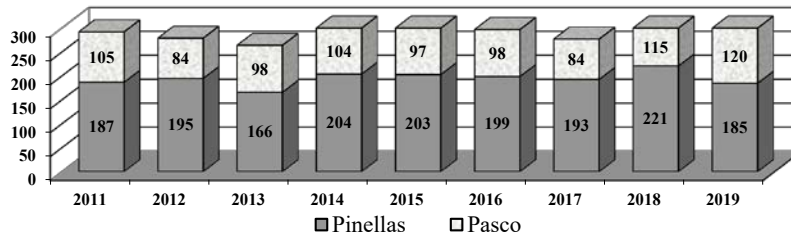
	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gunshot	51	38	38	36	38	41	33	46	41
Blunt Force	10	10	12	12	14	11	10	12	12
Sharp Force	11	8	16	19	3	8	9	8	7
Asphyxia	2	8	6	3	5	7	2	3	2
Other	2	3	1	1	4	2	6	1	2



SUICIDE DEATH INVESTIGATIONS

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pinellas	187	195	166	204	203	199	193	221	185
Pasco	105	84	98	104	97	98	84	115	120
Total	292	279	264	308	300	297	277	336	305

Suicide Death Investigations

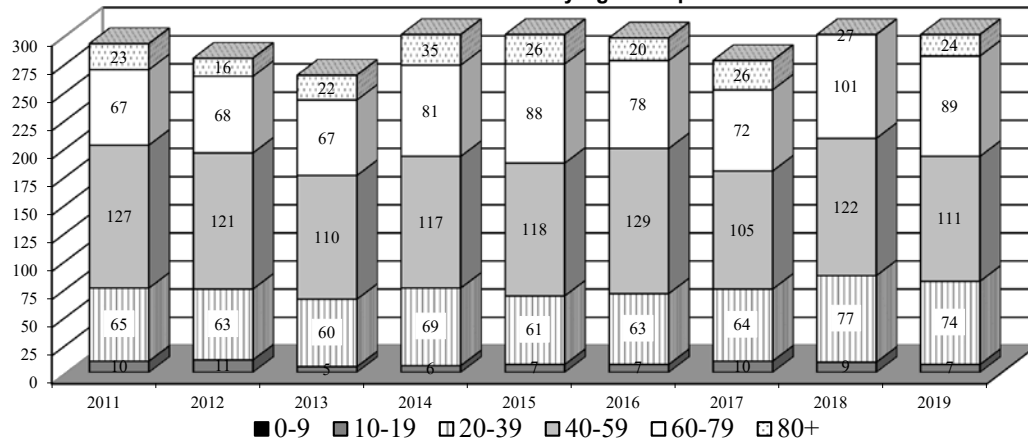


SUICIDE GENDER

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Male	223	199	187	234	219	208	202	263	227
Female	69	80	77	74	81	89	75	73	78

Age Group	2011	2012	2013	2014	2015	2016	2017	2018	2019
0-9	0	0	0	0	0	0	0	0	0
10-19	10	11	5	6	7	7	10	9	7
20-39	65	63	60	69	61	63	64	77	74
40-59	127	121	110	117	118	129	105	122	111
60-79	67	68	67	81	88	78	72	101	89
80+	23	16	22	35	26	20	26	27	24
Total	292	279	264	308	300	297	277	336	305

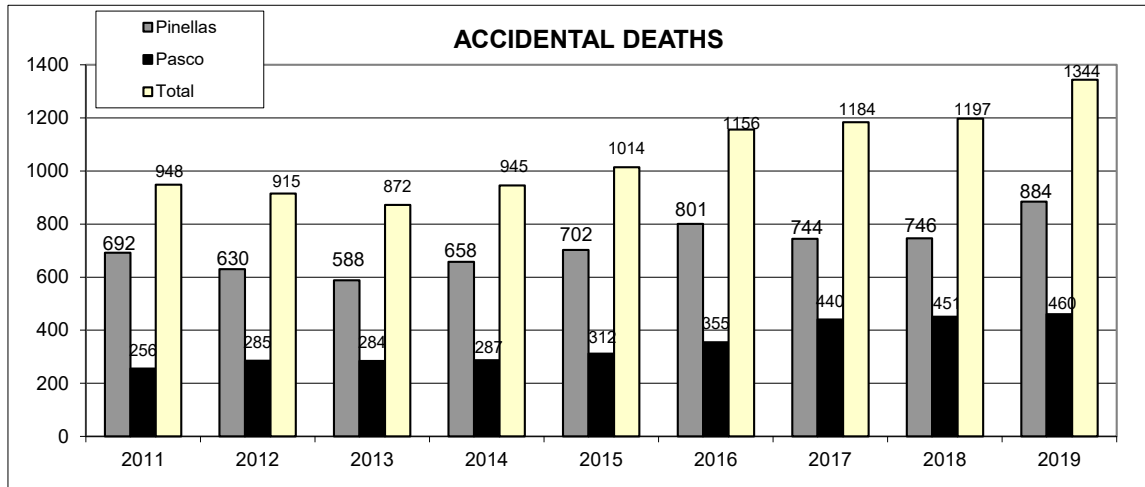
Suicide Deaths by Age Group



ACCIDENTAL DEATH INVESTIGATIONS

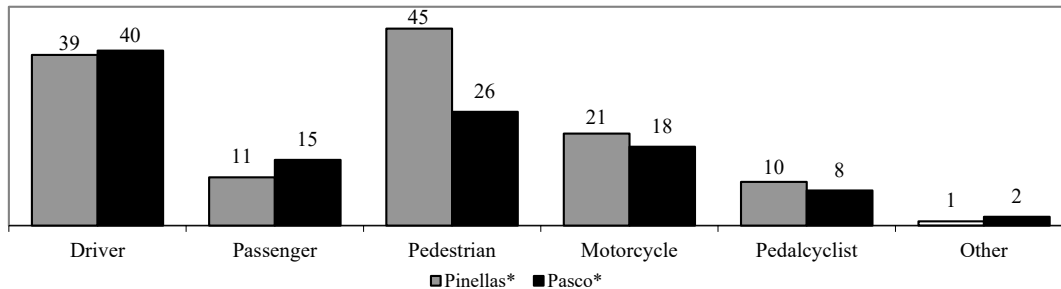
TOTAL ACCIDENTAL DEATHS (Motor Vehicle Accident [MVA] & Non-Motor Vehicle Accident)

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pinellas	692	630	588	658	702	801	744	746	884
Pasco	256	285	284	287	312	355	440	451	460
Total	948	915	872	945	1014	1156	1184	1197	1344



MOTOR VEHICLE DEATHS

MVA Type by County of Death (2019)



Traffic Fatalities by County of Death for Year 2019

*** Includes victims that sustained injuries in counties other than Pinellas & Pasco, but were taken to trauma hospitals in the District and eventually died in Pinellas or Pasco from injuries sustained in the other**

	Pinellas*	Pasco*	District
Driver	39	40	79
Passenger	11	15	26
Pedestrian	45	26	71
Motorcycle	21	18	39
Pedalcyclist	10	8	18
Other	1	2	3
Totals:	127	109	236

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Driver	58	65	72	56	60	79	91	94	79
Passenger	20	28	24	25	23	28	25	26	26
Pedestrian	61	44	43	68	51	65	68	63	71
Motorcycle	46	40	32	45	49	44	44	52	39
Pedalcyclist	20	16	16	8	10	13	14	22	18
Other	4	5	1	0	2	10	8	1	3
Total	209	198	188	202	195	239	250	258	236

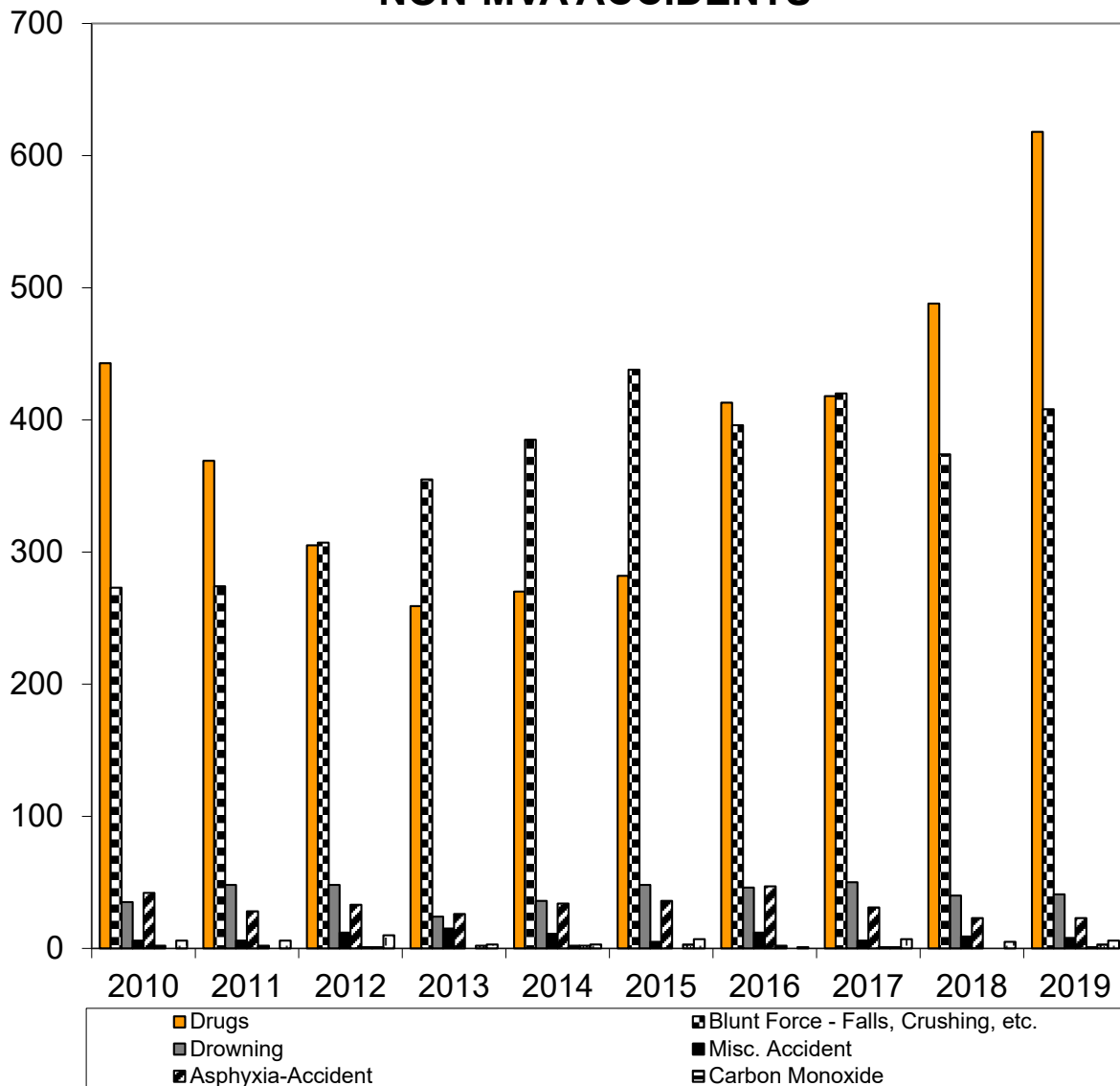
MOTOR VEHICLE DEATHS CONT..

DRIVERS	2011	2012	2013	2014	2015	2016	2017	2018	2019
Less than 20 Years of Age	3	2	2	1	5	0	2	5	2
20-29	11	16	10	15	4	10	19	13	15
30-39	4	5	5	11	7	9	9	19	10
40-49	5	4	11	4	8	13	10	8	7
50-59	11	9	14	8	7	14	14	20	10
60-69	5	8	13	9	7	10	11	11	6
70-79	10	9	6	1	10	12	7	6	12
80-89	6	11	8	6	8	10	15	9	15
90+	3	1	3	1	4	1	4	3	2
Totals	58	65	72	56	60	79	91	94	79

NON-MOTOR VEHICLE RELATED ACCIDENTS

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Drugs	443	369	305	259	270	282	413	418	488	618
Blunt Force - Falls, Crushing, etc.	273	274	307	355	385	438	396	420	374	408
Drowning	35	48	48	24	36	48	46	50	40	41
Misc. Accident	6	6	12	15	11	5	12	6	9	8
Asphyxia-Accident	42	28	33	26	34	36	47	31	23	23
Carbon Monoxide	2	2	1	0	2	0	2	1	0	1
Electrical	0	0	1	2	2	3	0	1	0	3
Fire	6	6	10	3	3	7	1	7	5	6
Total	807	733	717	684	743	819	917	934	939	1,108

NON-MVA ACCIDENTS



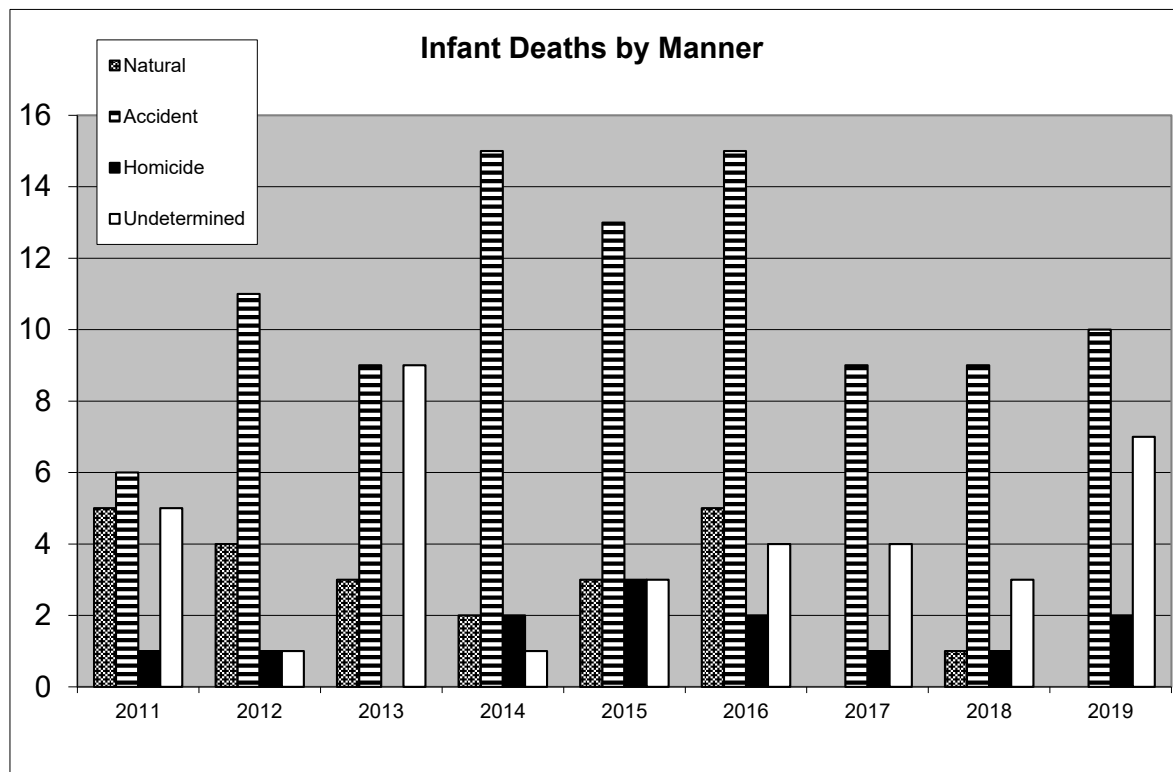
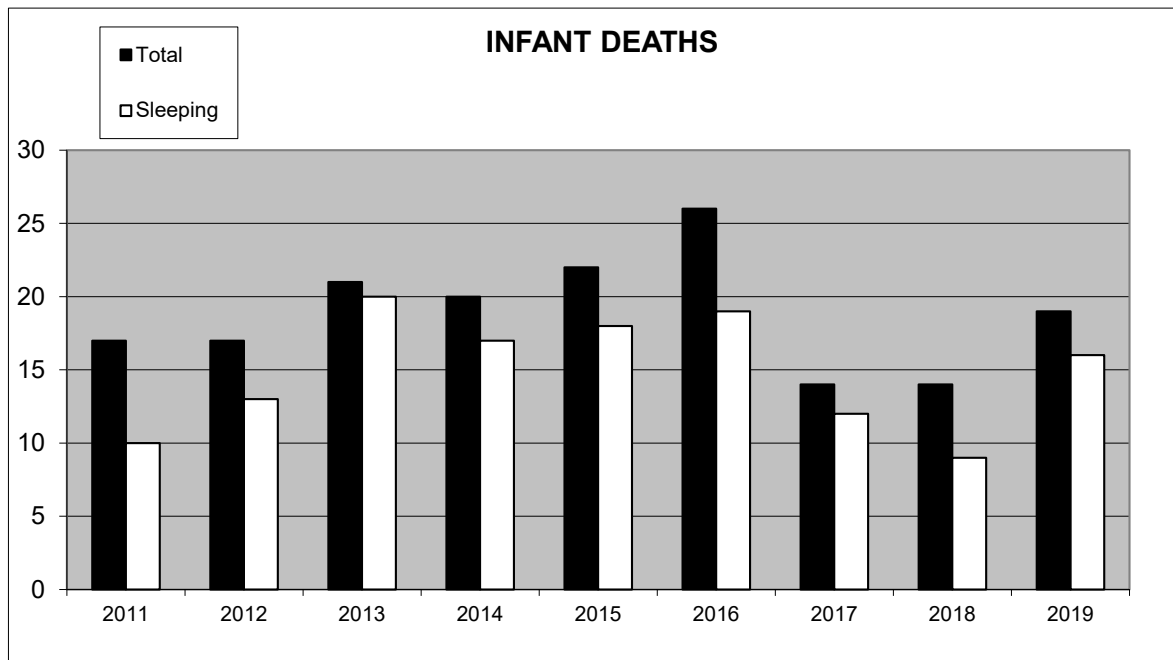
INFANT DEATHS									
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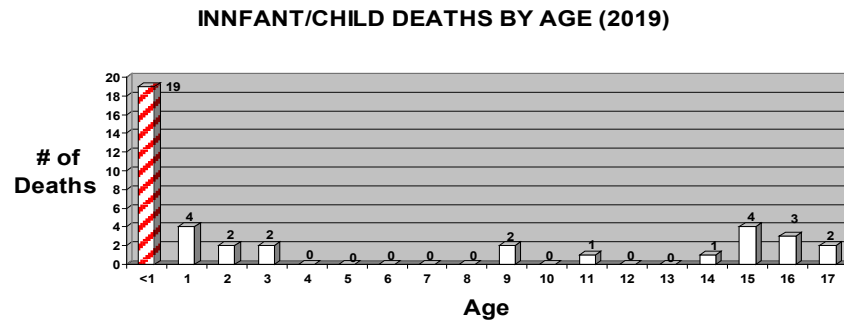
	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	17	17	21	20	22	26	14	14	19
Sleeping	10	13	20	17	18	19	12	9	16
% Sleeping	58.8%	76.5%	95.2%	85.0%	81.8%	73.1%	85.7%	64.3%	84.2%
Co-sleeping	5	6	9	9	10	9	8	3	5
Sleeping Alone Total	5	7	11	8	8	9	4	6	11
Alone on Stomach	3	4	8	3	3	4	3	2	7
Alone on Back	2	2	1	2	2	4	0	2	1
Alone Unknown	0	1	2	3	3	1	1	2	1
unknown/unclear	0	0	1	0	0	1	0	0	2
	2011	2012	2013	2014	2015	2016	2017	2018	2019
Natural	5	4	3	2	3	5	0	1	0
Accident	6	11	9	15	13	15	9	9	10
Homicide	1	1	0	2	3	2	1	1	2
Undetermined	5	1	9	1	3	4	4	3	7
Total	17	17	21	20	22	26	14	14	19

Of the 16 sleep associated infant deaths in 2019, only 1 of the infants died while reportedly sleeping in safe circumstances (alone, on their back, and on a device designed for infant sleeping), however that infant was found with a blanket covering their face, and an adult cat on top of the infant. Five (5) of the infants died while sleeping with others (Co-Sleeping), Seven (7) died while put to sleep face down, and one (1) died while on their side wedged between a crib mattress and bumper padding.

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
SIDS *	0	0	0	0	0	0	0	0	0	0
Natural disease or illness	2	5	4	3	2	3	5	0	1	1
Asphyxia - Accident	17	5	10	9	14	12	12	9	6	8
Blunt force - Accident	1	0	0	0	2	0	0	0	1	2
Other Accident	3	1	1	0	0	1	3	0	3	0
Blunt force - Homicide	3	1	1	0	0	2	1	0	1	1
Undetermined	3	5	1	9	1	3	4	4	2	9
Other Homicide	0	0	0	0	1	1	1	1	0	1

*** Sudden Infant Death Syndrome (SIDS):** The death of an infant less than one year of age which remains unexplained after thorough case investigation, including performance of a complete autopsy, examination of the death scene, and review of the clinical history. Thus, SIDS is a diagnosis by exclusion (Willinger et al, 1991).

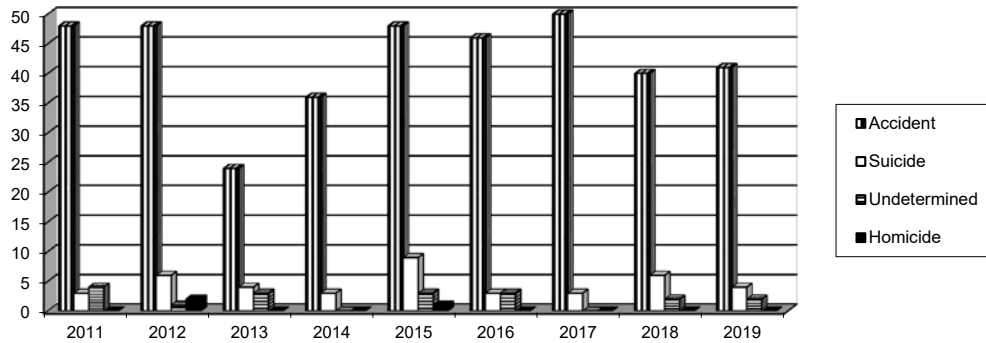
INFANT DEATHS CONT..



DROWNINGS BY MANNER OF DEATH

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Accident	48	48	24	36	48	46	50	40	41
Suicide	3	6	4	3	9	3	3	6	4
Undetermined	4	1	3	0	3	3	0	2	2
Homicide	0	2	0	0	1	0	0	0	0

DROWNINGS BY MANNER



DROWNING BY AGE GROUP

	2011	2012	2013	2014	2015	2016	2017	2018	2019
0-10	8	12	1	3	7	7	7	7	5
11-30	3	3	4	4	3	5	7	7	4
31-50	15	12	7	10	14	18	10	15	5
51-70	15	17	15	14	23	15	19	13	19
71+	14	13	4	8	14	7	10	6	14

DROWNING AGE 0-5 YEARS

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pool	7	7	1	2	2	5	4	2	5
Bathtub	0	1	0	0	0	1	0	1	0
Other	1	1	0	1	2	1	3	3	0

ACCIDENTAL DROWNING BY LOCATION

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Swimming Pool	17	22	16	8	10	13	21	21	13
Gulf waters	10	15	14	5	13	9	11	5	14
Lake/Pond	4	3	3	2	5	9	4	6	7
Tampa Bay waters	0	2	2	1	2	4	5	6	3
Bathtub	4	2	3	1	1	4	5	5	4
Spa	1	0	0	1	1	3	1	1	1
Canal	0	1	3	3	1	3	2	0	5
River	0	2	0	2	1	0	2	2	0
Other Misc.	0	1	7	1	2	1	2	2	0
Total	36	48	48	24	36	46	53	48	47

TOXICOLOGY

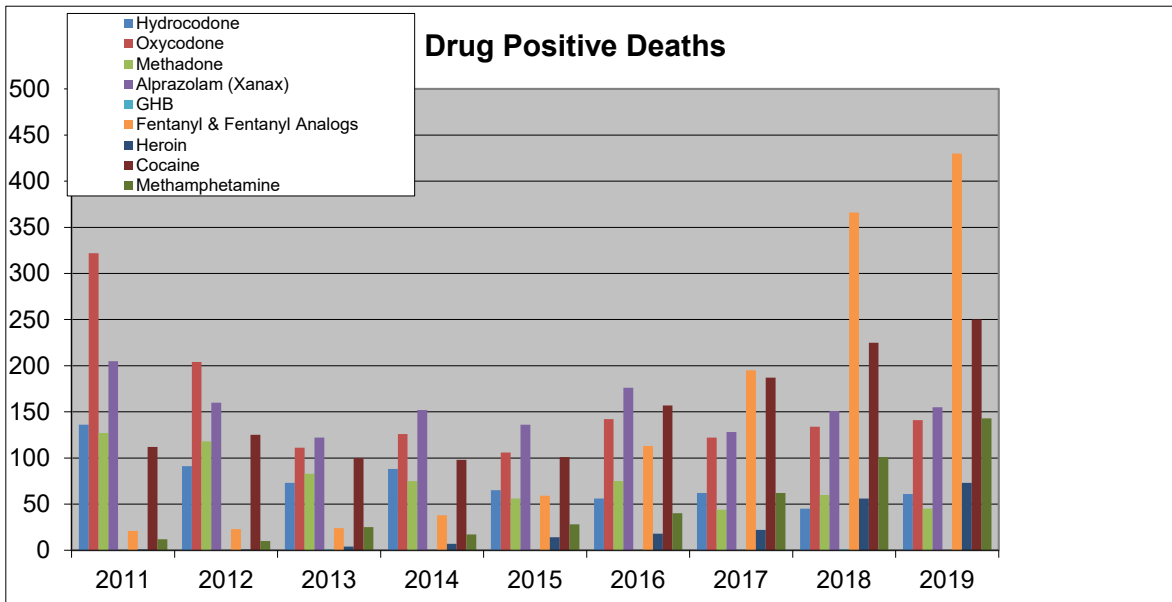
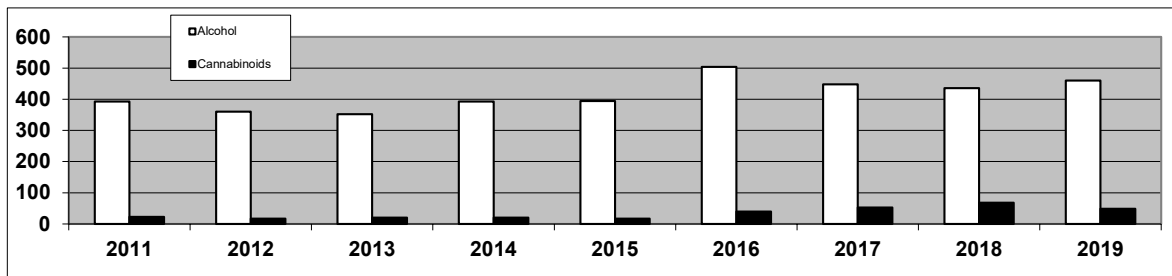
MEDICAL EXAMINER CASES WHERE TOXICOLOGY WAS PERFORMED

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Cases submitted to Toxicology	1492	1392	1247	1300	1344	1495	1474	1475	1618
Cases where Toxicology was performed	1142	1047	952	1028	1041	1233	1184	1256	1434

MEDICAL EXAMINER CASES TESTING POSITIVE FOR DRUGS

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Alcohol	393	360	352	393	394	504	448	436	460
Cannabinoids	23	17	20	20	17	40	53	68	49

	2011	2012	2013	2014	2015	2016	2017	2018	2019
Hydrocodone	136	91	73	88	65	56	62	45	61
Oxycodone	322	204	111	126	106	142	122	134	141
Methadone	127	118	83	75	56	75	44	60	45
Alprazolam (Xanax)	205	160	122	152	136	176	128	151	155
GHB	0	0	1	0	0	0	0	1	0
Fentanyl & Fentanyl Analogs	21	23	24	38	59	113	195	366	430
Heroin	1	1	4	7	14	18	22	56	73
Methamphetamine	12	10	25	17	28	40	62	101	143
Cocaine	112	125	100	98	101	157	187	225	250

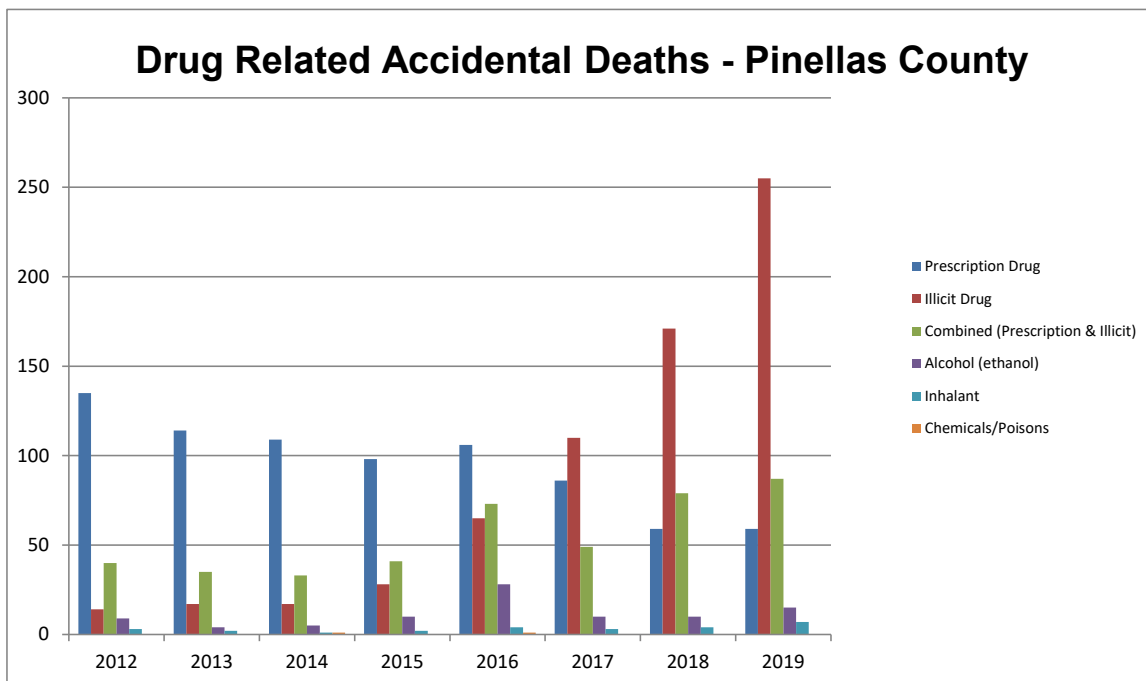


Toxicology Continued....

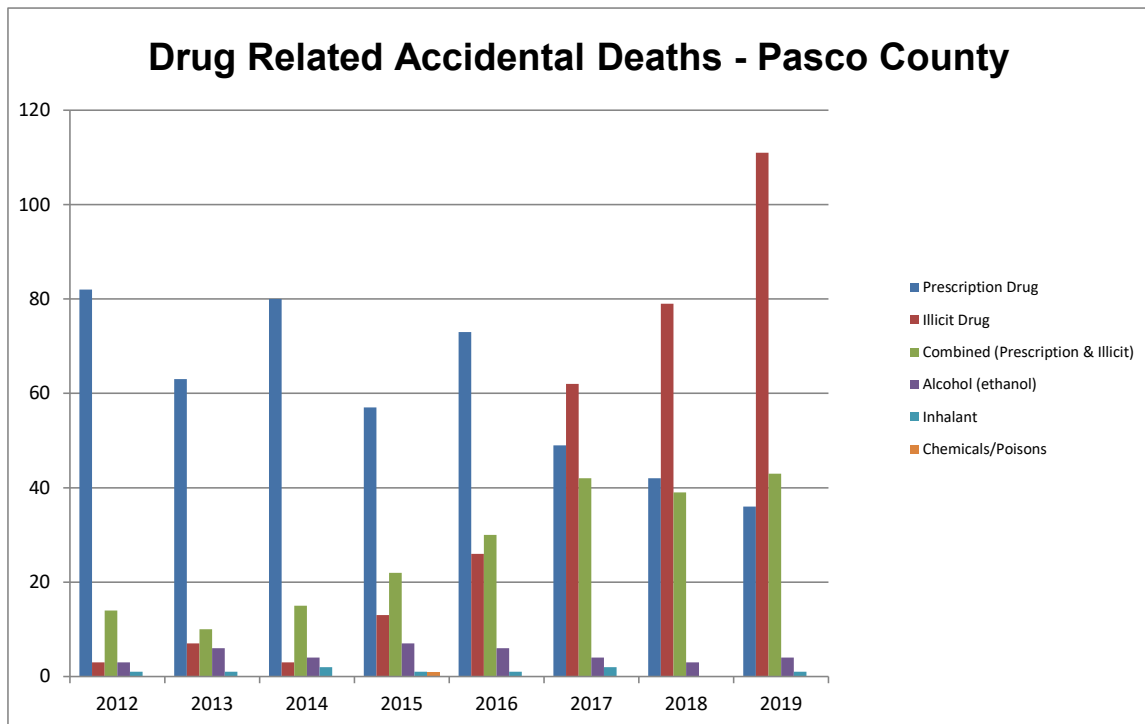
DRUGS or TOXIN RELATED CAUSE OF DEATH (Accidental Manner)

Pinellas	2012	2013	2014	2015	2016	2017	2018	2019
Prescription Drug	135	114	109	98	106	86	59	59
Illicit Drug	14	17	17	28	65	110	171	255
Combined (Prescription & Illicit)	40	35	33	41	73	49	79	87
Alcohol (ethanol)	9	4	5	10	28	10	10	15
Inhalant	3	2	1	2	4	3	4	7
Chemicals/Poisons	0	0	1	0	1	0	0	0
Total Drug Related	201	172	166	179	277	258	323	423

Pasco	2012	2013	2014	2015	2016	2017	2018	2019
Prescription Drug	82	63	80	57	73	49	42	36
Illicit Drug	3	7	3	13	26	62	79	111
Combined (Prescription & Illicit)	14	10	15	22	30	42	39	43
Alcohol (ethanol)	3	6	4	7	6	4	3	4
Inhalant	1	1	2	1	1	2	0	1
Chemicals/Poisons	0	0	0	1	0	0	0	0
Total Drug Related	103	87	104	101	136	159	163	195



Toxicology Continued....



UNIDENTIFIED PERSONS

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pinellas	1	0	0	0	0	0	1	0	0	0
Pasco	1	0	0	0	0	0	0	0	0	2
Total	2	0	0	0	0	0	1	0	0	2
	ID'd 10/11									
	ID'd 08/11									

2019**#5190714**

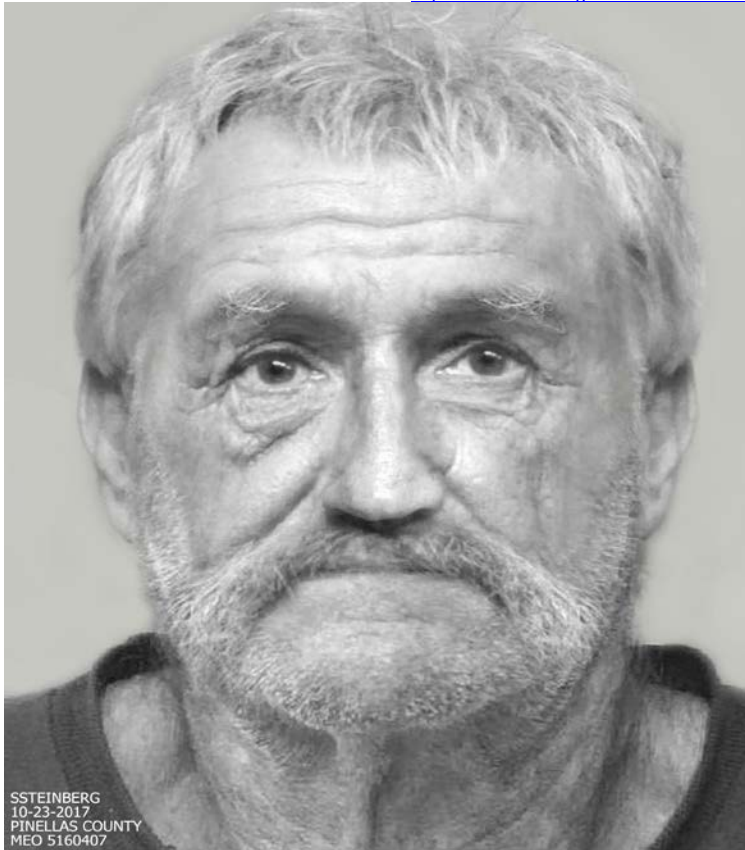
Date Found: 4/12/2019
 Location Found: 14920 Block of 21st Street, Dade City, FL 33523 (Construction Site)
 Race: Uncertain
 Gender: Uncertain
 Age: 30 - 58 (estimated)
 Height: 5' 5" - 6' 1" (estimated)
 Weight: Unknown
 Hair Color: Unknown
 Eye Color: Unknown
 Distinctive Feature:
 Clothing:
 Law Enforcement Agency: Pasco County Sheriff's Office
 Agency Case #: 19-15187
 NamUs #: UP61169 <https://www.namus.gov/UnidentifiedPersons/Case#/61169>

2019**#5192269**

Date Found: 12/12/2019
 Location Found: Werner-Boyce Salt Springs State Park (8737 US 19, Port Richey, FL 34668)
 Race: White (estimated)
 Gender: Male (estimated)
 Age: 26+ years (estimated)
 Height: 5' 3" - 5' 7" (estimated)
 Weight: Unknown
 Hair Color: Unknown
 Eye Color: Unknown
 Distinctive Feature: Dentures located at scene, healed fractures of left rib #7
 Clothing: size large Haines gray t-shirt with pocket, size large gray/white Haines underwear, size 8 1/2 tenni
 Law Enforcement Agency: Pasco County Sheriff's Office
 Agency Case #: 19-51620
 NamUs #:

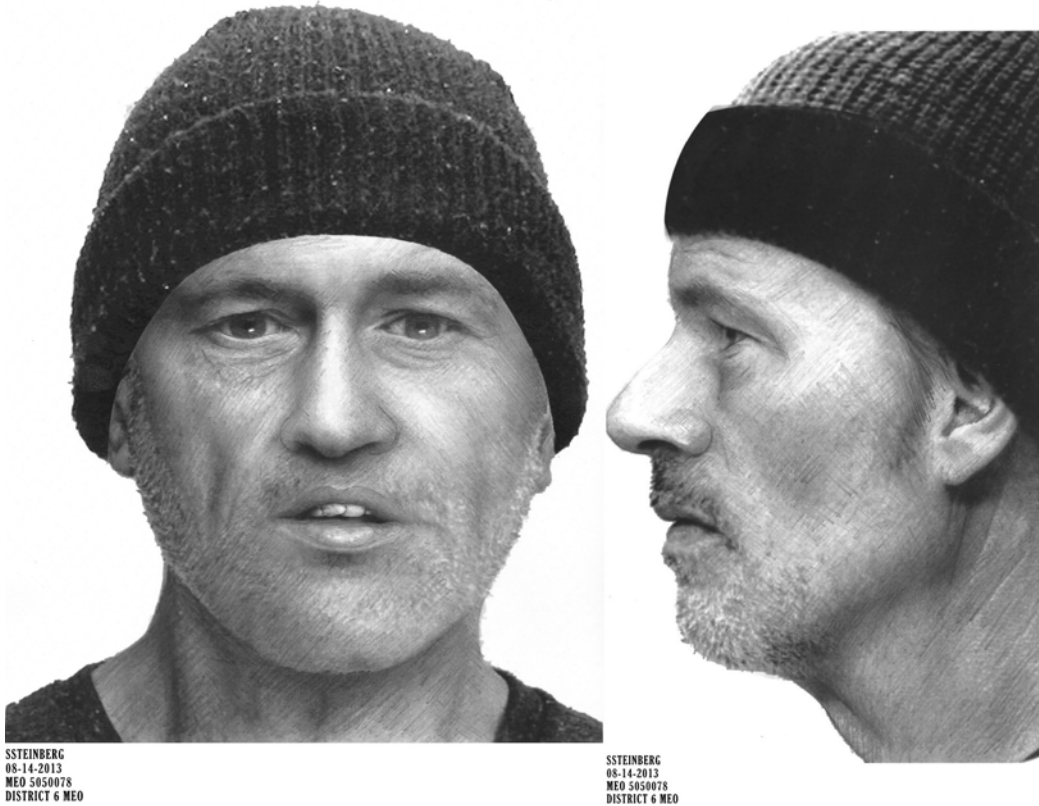
2016**#5160407**

Date Found: 3/8/2016
Location Found: Park area located at 9600 Bay Pines Blvd. (Bay Pines V.A. Medical Center)
Race: White (estimated)
Gender: Male (estimated)
Age: 65 - 80 (estimated)
Height: 5' 8" (estimated)
Weight: Unknown
Hair Color: Gray or Partially Gray
Eye Color: Unknown
Distinctive Feature: Orthopedic Plates in right upper extremity, healed fractures of skull, jaw left hip, right ribs
Clothing: Gray boxer shorts "Gilden" size Large, Black Miykon wrist watch with gold colored trim & black bai
Law Enforcement Agency: Pinellas County Sheriff's Office
Agency Case #: 16-97212
NamUs #: UP 15482 <https://www.namus.gov/UnidentifiedPersons/Case#/15482>



2005
#5050078

Date Found: 1/12/2005
Location Found: 44000 Block of U.S. 19 North, Tarpon Springs - Skeletal remains found in wooded area
Race: White (estimated)
Gender: Male (estimated)
Age: 40 - 55 (estimated)
Height: 5' 8" - 6' 3" (estimated)
Weight: Unknown
Hair Color: Unknown
Eye Color: Unknown
Law Enforcement Agency: Tarpon Springs Police Department
Agency Case #: 05-142
NamUs #: UP 116 <https://www.namus.gov/UnidentifiedPersons/Case#/116>



<https://identifyus.org/cases/116>

INDIGENT / UNCLAIMED

Medical Examiner Cases Released as Indigent/Unclaimed *

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pinellas	58	146	125	101	98	134	150	129	145	146
Pasco	12	45	52	42	52	68	63	59	78	78
Total:	70	191	177	143	150	202	213	188	223	224

* Only reflects Medical Examiner cases released as unclaimed/indigent, and does not include all District deaths. May have later been determined to not be indigent or unclaimed.

Organ & Tissue Donation

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Organ Donations	25	41	22	15	39	31	33	31	42	38
Tissue Donations	28	38	43	54	48	57	42	72	66	66
Corneal Donations	104	107	135	123	150	131	126	141	136	126

* Only reflects the number of organ and/or tissue donations for Medical Examiner cases, not all District deaths.

Exhumations

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Pinellas	4	0	0	0	0	0	0	0	0	0
Pasco	2	0	0	0	0	0	0	0	0	0
Total:	6	0	0	0	0	0	0	0	0	0