

**MEDICAL EXAMINER**  
**District Six**

**Pasco & Pinellas Counties**



10900 Ulmerton Road  
Largo, FL 33778  
727-582-6800  
(Fax 727-582-6820)  
[www.pinellascounty.org/forensics](http://www.pinellascounty.org/forensics)

# **YEAR 2016**

# **MEDICAL EXAMINER**

# **ANNUAL REPORT**

**Published 6/30/2017**

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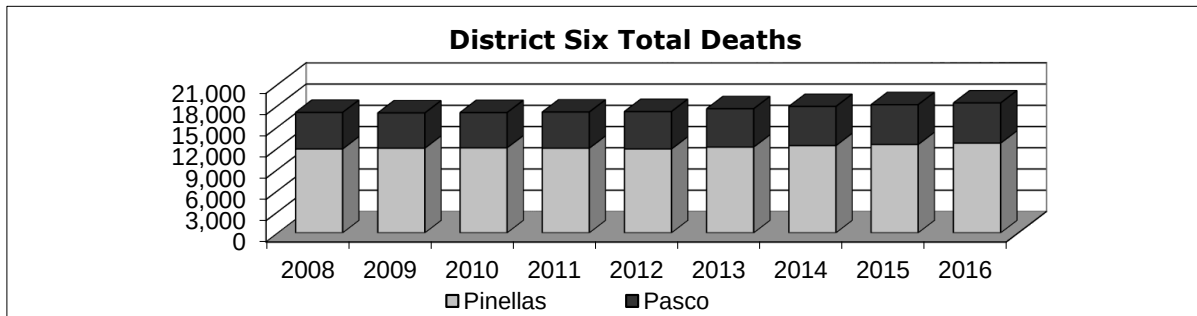
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|                     | 2008             | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>Population *</b> |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Pinellas            | 940,645          | 931,113          | 916,542          | 917,398          | 920,381          | 926,610          | 933,258          | 944,971          | 954,569          |
| Pasco               | 441,188          | 438,668          | 464,697          | 466,457          | 468,562          | 473,566          | 479,340          | 487,588          | 495,868          |
| <b>Total</b>        | <b>1,381,833</b> | <b>1,369,781</b> | <b>1,381,239</b> | <b>1,383,855</b> | <b>1,388,943</b> | <b>1,400,176</b> | <b>1,412,598</b> | <b>1,432,559</b> | <b>1,450,437</b> |

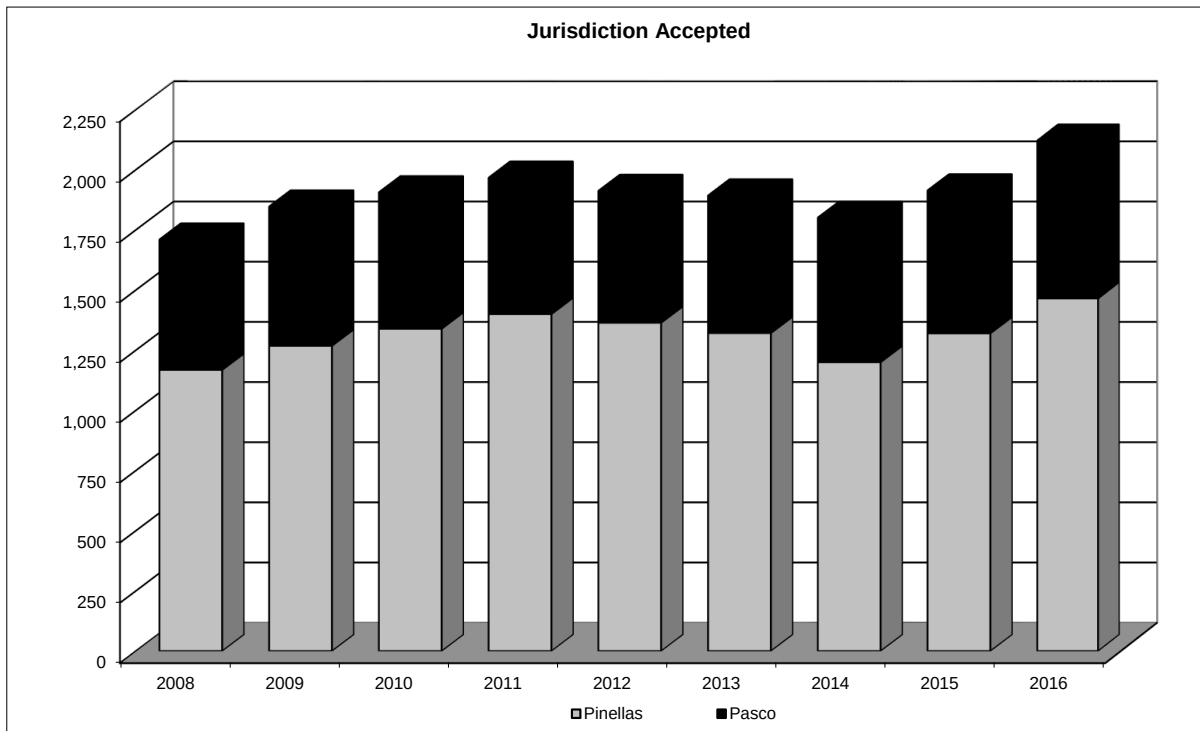
\* SOURCE: University of Florida Bureau of Economic and Business Research. (<http://www.bebr.ufl.edu/population>)

|                          | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          | 2015          | 2016          |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>District Deaths *</b> |               |               |               |               |               |               |               |               |               |
| Pinellas                 | 11,859        | 11,968        | 12,012        | 11,961        | 11,850        | 12,122        | 12,327        | 12,486        | 12,682        |
| Pasco                    | 5,161         | 4,978         | 4,981         | 5,104         | 5,294         | 5,411         | 5,530         | 5,623         | 5,674         |
| <b>Total</b>             | <b>17,020</b> | <b>16,946</b> | <b>16,993</b> | <b>17,065</b> | <b>17,144</b> | <b>17,533</b> | <b>17,857</b> | <b>18,109</b> | <b>18,356</b> |

\* SOURCE: Office of Vital Statistics, Florida Department of Health (<http://www.flpublichealth.com/VSBOOK/VSBOOK.aspx>)

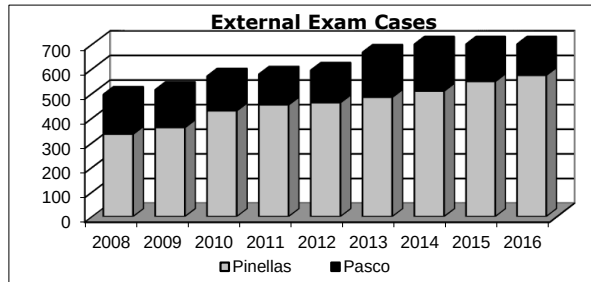
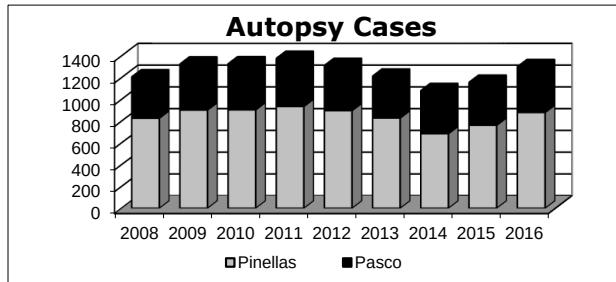


|                       | 2008         | 2009         | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Cases Accepted</b> |              |              |              |              |              |              |              |              |              |
| Pinellas              | 1,168        | 1,268        | 1,339        | 1,400        | 1,364        | 1,321        | 1,200        | 1,320        | 1,465        |
| Pasco                 | 542          | 579          | 567          | 567          | 548          | 572          | 601          | 594          | 656          |
| <b>Total</b>          | <b>1,710</b> | <b>1,847</b> | <b>1,906</b> | <b>1,967</b> | <b>1,912</b> | <b>1,893</b> | <b>1,801</b> | <b>1,914</b> | <b>2,121</b> |



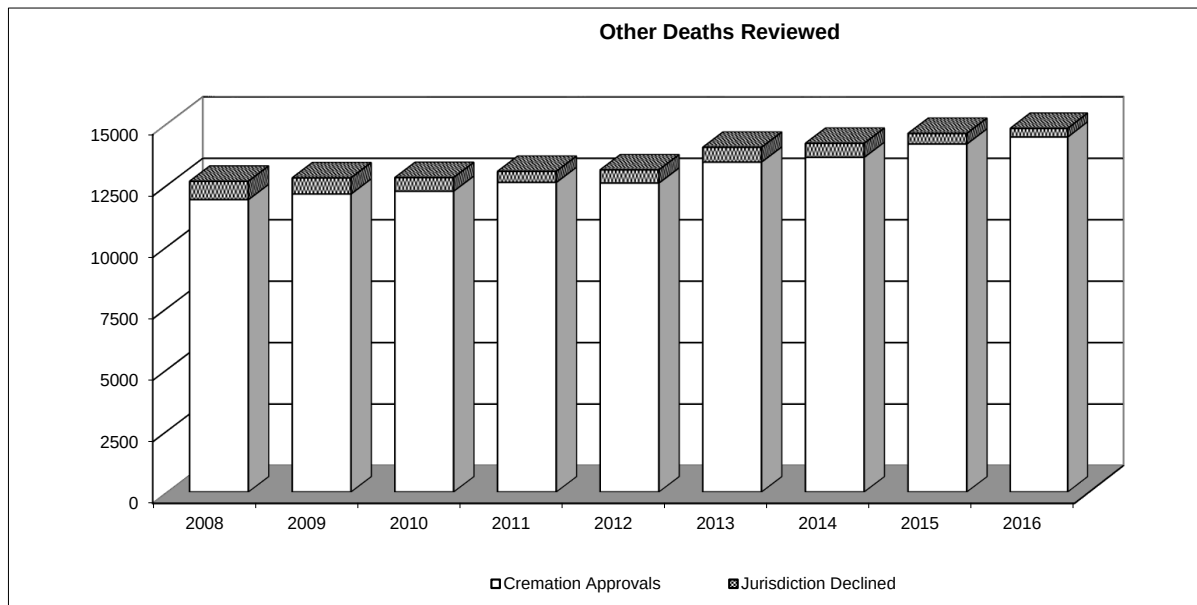
**WORKLOAD BY TYPE OF EXAMINATION:**

|                       | 2008        | 2009        | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Autopsies</b>      |             |             |             |             |             |             |             |             |             |
| Pinellas              | 827         | 902         | 904         | 935         | 897         | 829         | 685         | 763         | 880         |
| (Partial Autopsies)   | 6           | 4           | 5           | 11          | 4           | 7           | 5           | 8           | 11          |
| Pasco                 | 380         | 423         | 423         | 442         | 415         | 385         | 396         | 394         | 421         |
| (Partial Autopsies)   | 1           | 3           | 4           | 1           | 2           | 5           | 4           | 2           | 4           |
| Total                 | 1,214       | 1,332       | 1,336       | 1,389       | 1,318       | 1,226       | 1,090       | 1,167       | 1,316       |
| <b>External Exams</b> | <b>2008</b> | <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |
| Pinellas              | 335         | 362         | 430         | 454         | 463         | 485         | 510         | 549         | 574         |
| Pasco                 | 161         | 153         | 140         | 124         | 131         | 182         | 201         | 198         | 231         |
| Total                 | 496         | 515         | 570         | 578         | 594         | 667         | 711         | 747         | 805         |



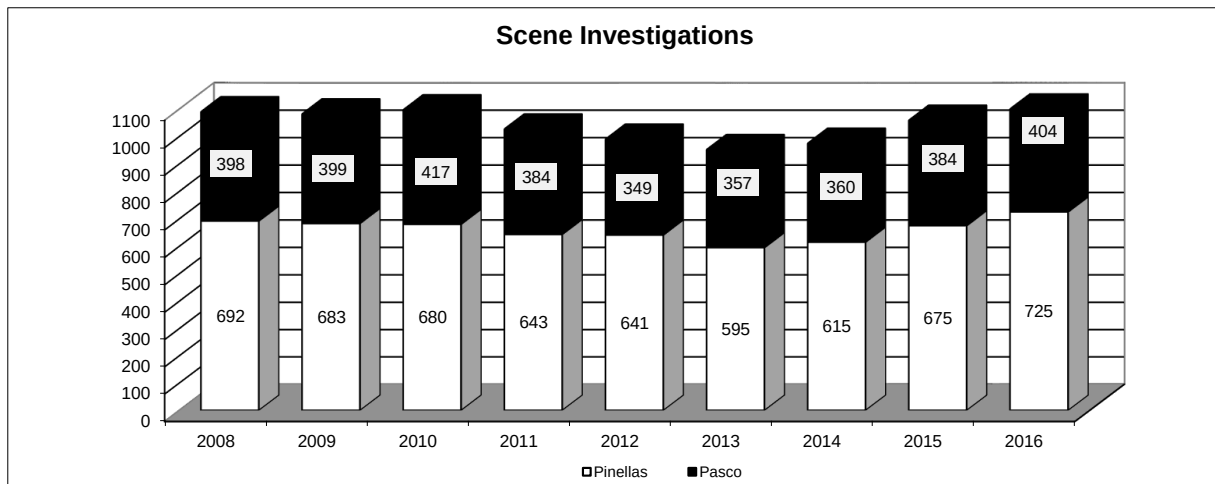
|                            | 2008   | 2009   | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Cremation Approvals</b> |        |        |        |        |        |        |        |        |        |
| Pinellas                   | 8,339  | 8,648  | 8,691  | 8,849  | 8,706  | 9,280  | 9,439  | 9,812  | 9,987  |
| Pasco                      | 3,560  | 3,479  | 3,549  | 3,750  | 3,866  | 4,146  | 4,178  | 4,349  | 4,459  |
| Total                      | 11,899 | 12,127 | 12,240 | 12,599 | 12,572 | 13,426 | 13,617 | 14,161 | 14,446 |

|                              | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|------------------------------|------|------|------|------|------|------|------|------|------|
| <b>Jurisdiction Declined</b> |      |      |      |      |      |      |      |      |      |
| Pinellas                     | 541  | 479  | 404  | 309  | 405  | 437  | 404  | 285  | 239  |
| Pasco                        | 204  | 178  | 151  | 139  | 130  | 163  | 166  | 145  | 110  |
| Total                        | 745  | 657  | 555  | 448  | 535  | 600  | 570  | 430  | 349  |



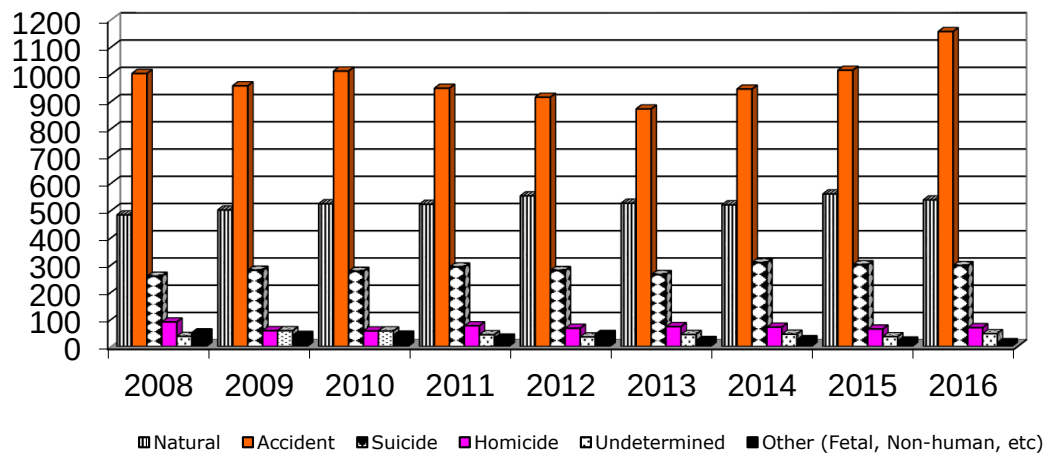
| <b>Decedent Transportation</b>    | <b>2009</b>  | <b>2010</b>  | <b>2011</b>  | <b>2012</b>  | <b>2013</b>  | <b>2014</b>  | <b>2015</b>  | <b>2016</b>  |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b><u>Pinellas</u></b>            |              |              |              |              |              |              |              |              |
| Medical Examiner Office           | 1281         | 1340         | 1315         | 1256         | 1030         | 1008         | 1074         | 1154         |
| Tissue Banks                      | 8            | 6            | 9            | 5            | 6            | 12           | 2            | 4            |
| Other                             | 34           | 25           | 25           | 37           | 16           | 16           | 15           | 12           |
| <b>Total Pinellas</b>             | <b>1323</b>  | <b>1371</b>  | <b>1349</b>  | <b>1298</b>  | <b>1052</b>  | <b>1036</b>  | <b>1091</b>  | <b>1170</b>  |
| <b><u>Pasco</u></b>               |              |              |              |              |              |              |              |              |
| Medical Examiner Office           | 561          | 562          | 548          | 560          | 538          | 492          | 517          | 563          |
| Tissue Banks                      | 1            | 0            | 0            | 3            | 6            | 5            | 4            | 0            |
| Other                             | 1            | 1            | 0            | 2            | 1            | 1            | 0            | 1            |
| <b>Total Pasco</b>                | <b>563</b>   | <b>563</b>   | <b>548</b>   | <b>565</b>   | <b>545</b>   | <b>498</b>   | <b>521</b>   | <b>564</b>   |
| <b>District Total Transported</b> | <b>1,886</b> | <b>1,934</b> | <b>1,897</b> | <b>1,863</b> | <b>1,597</b> | <b>1,534</b> | <b>1,612</b> | <b>1,734</b> |

| <b>Scene Investigations</b> | <b>2008</b>  | <b>2009</b>  | <b>2010</b>  | <b>2011</b>  | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b>  | <b>2016</b>  |
|-----------------------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|
| Pinellas                    | 692          | 683          | 680          | 643          | 641         | 595         | 615         | 675          | 725          |
| Pasco                       | 398          | 399          | 417          | 384          | 349         | 357         | 360         | 384          | 404          |
| <b>Total</b>                | <b>1,090</b> | <b>1,082</b> | <b>1,097</b> | <b>1,027</b> | <b>990</b>  | <b>952</b>  | <b>975</b>  | <b>1,059</b> | <b>1,129</b> |



| <b>District Deaths by Manner of Death</b> | <b>2008</b>  | <b>2009</b>  | <b>2010</b>  | <b>2011</b>  | <b>2012</b>  | <b>2013</b>  | <b>2014</b>  | <b>2015</b>  | <b>2016</b>  |
|-------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Natural                                   | 483          | 501          | 524          | 522          | 553          | 526          | 520          | 560          | 538          |
| Accident                                  | 1002         | 957          | 1011         | 948          | 915          | 872          | 945          | 1014         | 1156         |
| Suicide                                   | 258          | 280          | 276          | 292          | 279          | 264          | 308          | 300          | 297          |
| Homicide                                  | 90           | 58           | 57           | 76           | 67           | 73           | 71           | 64           | 69           |
| Undetermined                              | 37           | 58           | 57           | 43           | 35           | 44           | 45           | 36           | 47           |
| Other (Fetal, Non-human, etc)             | 50           | 41           | 42           | 31           | 44           | 22           | 25           | 20           | 14           |
| <b>Total</b>                              | <b>1,920</b> | <b>1,895</b> | <b>1,967</b> | <b>1,912</b> | <b>1,893</b> | <b>1,801</b> | <b>1,914</b> | <b>1,994</b> | <b>2,121</b> |

### District Deaths by Manner of Death



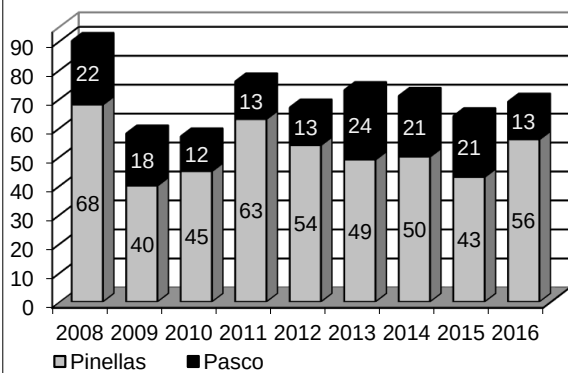
| <b>TOTAL VIOLENT DEATHS</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                             | 1,253       | 1,387       | 1,351       | 1,401       | 1,359       | 1,296       | 1,253       | 1,369       | 1,414       | 1,569       |

### HOMICIDE DEATH INVESTIGATIONS

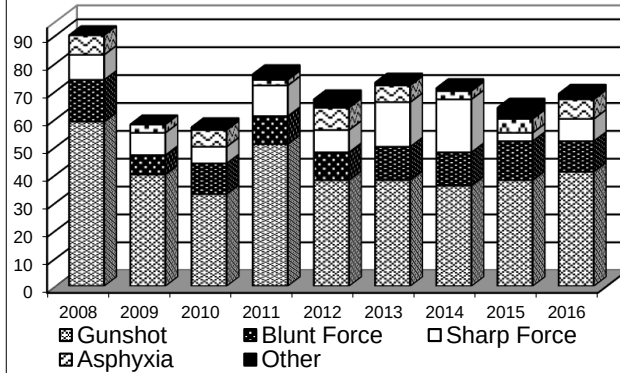
| Homicides    | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Pinellas     | 68        | 40        | 45        | 63        | 54        | 49        | 50        | 43        | 56        |
| Pasco        | 22        | 18        | 12        | 13        | 13        | 24        | 21        | 21        | 13        |
| <b>Total</b> | <b>90</b> | <b>58</b> | <b>57</b> | <b>76</b> | <b>67</b> | <b>73</b> | <b>71</b> | <b>64</b> | <b>69</b> |

|             | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-------------|------|------|------|------|------|------|------|------|------|
| Gunshot     | 59   | 40   | 33   | 51   | 38   | 38   | 36   | 38   | 41   |
| Blunt Force | 15   | 7    | 11   | 10   | 10   | 12   | 12   | 14   | 11   |
| Sharp Force | 9    | 8    | 6    | 11   | 8    | 16   | 19   | 3    | 8    |
| Asphyxia    | 7    | 3    | 6    | 2    | 8    | 6    | 3    | 5    | 7    |
| Other       | 0    | 0    | 1    | 2    | 3    | 1    | 1    | 4    | 2    |

#### Homicide Death Investigations



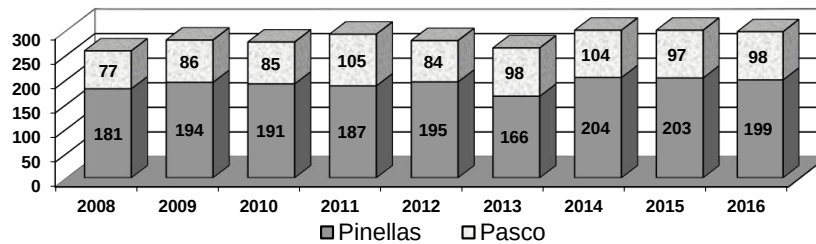
#### Homicide Method of Injury



### SUICIDE DEATH INVESTIGATIONS

|          | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------|------|------|------|------|------|------|------|------|------|
| Pinellas | 181  | 194  | 191  | 187  | 195  | 166  | 204  | 203  | 199  |
| Pasco    | 77   | 86   | 85   | 105  | 84   | 98   | 104  | 97   | 98   |
| Total    | 258  | 280  | 277  | 292  | 279  | 264  | 308  | 300  | 297  |

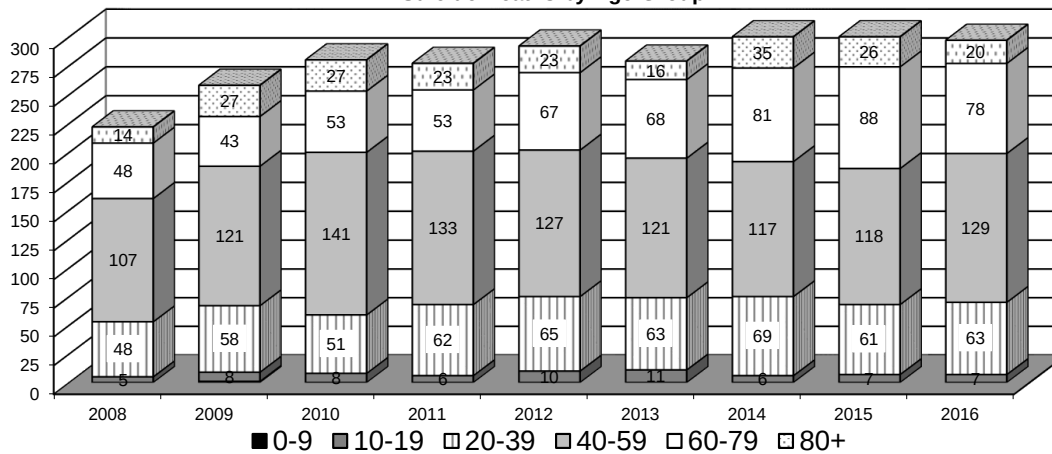
**Suicide Death Investigations**



| SUICIDE GENDER | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------------|------|------|------|------|------|------|------|------|------|
| Male           | 194  | 221  | 216  | 223  | 199  | 187  | 234  | 219  | 208  |
| Female         | 64   | 59   | 60   | 69   | 80   | 77   | 74   | 81   | 89   |

| Age Group | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------|------|------|------|------|------|------|------|------|------|
| 0-9       |      | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 10-19     | 5    | 8    | 8    | 6    | 10   | 11   | 6    | 7    | 7    |
| 20-39     | 48   | 58   | 51   | 62   | 65   | 63   | 69   | 61   | 63   |
| 40-59     | 107  | 121  | 141  | 133  | 127  | 121  | 117  | 118  | 129  |
| 60-79     | 48   | 43   | 53   | 53   | 67   | 68   | 81   | 88   | 78   |
| 80+       | 14   | 27   | 27   | 23   | 23   | 16   | 35   | 26   | 20   |
| Total     | 222  | 258  | 280  | 277  | 292  | 279  | 308  | 300  | 297  |

**Suicide Deaths by Age Group**

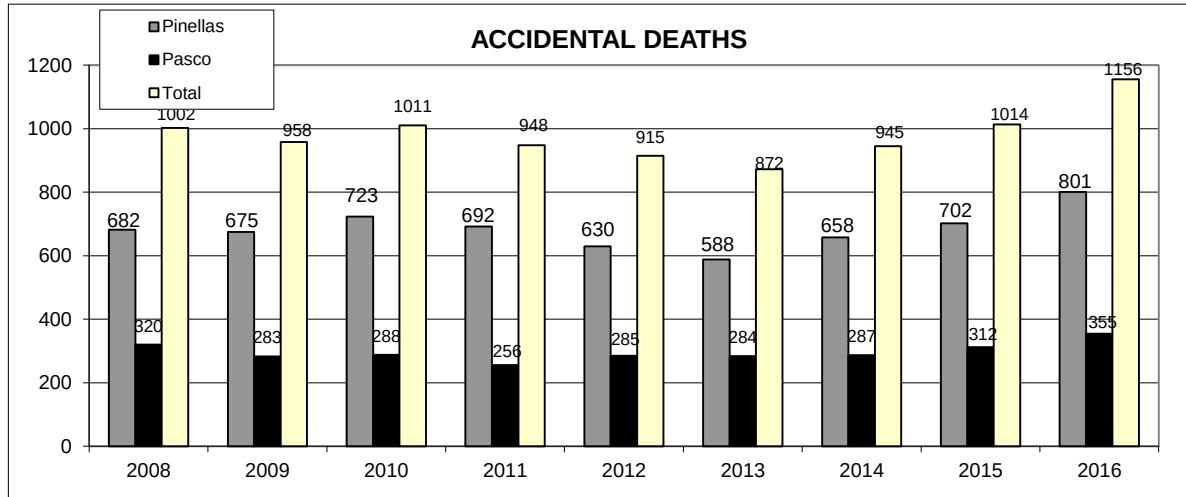




### ACCIDENTAL DEATH INVESTIGATIONS

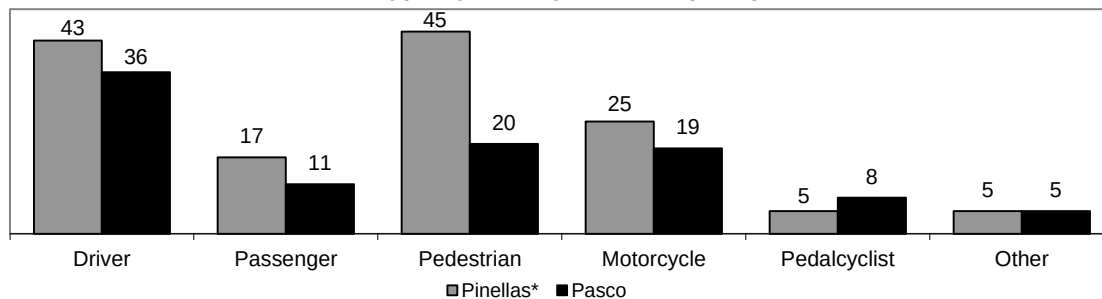
#### TOTAL ACCIDENTAL DEATHS (Motor Vehicle Accident [MVA] & Non-Motor Vehicle Accident)

|          | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------|------|------|------|------|------|------|------|------|------|
| Pinellas | 682  | 675  | 723  | 692  | 630  | 588  | 658  | 702  | 801  |
| Pasco    | 320  | 283  | 288  | 256  | 285  | 284  | 287  | 312  | 355  |
| Total    | 1002 | 958  | 1011 | 948  | 915  | 872  | 945  | 1014 | 1156 |



### MOTOR VEHICLE DEATHS

#### MVA Type by County of Death (2016)



#### Traffic Fatalities by County of Death for Year 2016

**\* 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       | 43        | 36    | 79       |
| Passenger    | 17        | 11    | 28       |
| Pedestrian   | 45        | 20    | 65       |
| Motorcycle   | 25        | 19    | 44       |
| Pedalcyclist | 5         | 8     | 13       |
| Other        | 5         | 5     | 10       |
| Totals:      | 140       | 99    | 239      |

|              | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|------|------|------|------|------|------|------|------|------|
| Driver       | 88   | 74   | 79   | 58   | 65   | 72   | 56   | 60   | 79   |
| Passenger    | 30   | 25   | 28   | 20   | 28   | 24   | 25   | 23   | 28   |
| Pedestrian   | 56   | 50   | 41   | 61   | 44   | 43   | 68   | 51   | 65   |
| Motorcycle   | 55   | 37   | 41   | 46   | 40   | 32   | 45   | 49   | 44   |
| Pedalcyclist | 16   | 15   | 9    | 20   | 16   | 16   | 8    | 10   | 13   |
| Other        | 4    | 7    | 6    | 4    | 5    | 1    | 0    | 2    | 10   |
| Total        | 249  | 208  | 204  | 209  | 198  | 188  | 202  | 195  | 239  |

**MOTOR VEHICLE DEATHS CONT..**

| <b>DRIVERS</b>            | <b>2008</b> | <b>2009</b> | <b>2010</b> | <b>2011</b> | <b>2012</b> | <b>2013</b> | <b>2014</b> | <b>2015</b> | <b>2016</b> |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Less than 20 Years of Age | 6           | 4           | 1           | 3           | 2           | 2           | 1           | 5           | 0           |
| 20-29                     | 18          | 15          | 12          | 11          | 16          | 10          | 15          | 4           | 10          |
| 30-39                     | 16          | 6           | 9           | 4           | 5           | 5           | 11          | 7           | 9           |
| 40-49                     | 14          | 7           | 13          | 5           | 4           | 11          | 4           | 8           | 13          |
| 50-59                     | 7           | 11          | 10          | 11          | 9           | 14          | 8           | 7           | 14          |
| 60-69                     | 5           | 8           | 11          | 5           | 8           | 13          | 9           | 7           | 10          |
| 70-79                     | 14          | 11          | 9           | 10          | 9           | 6           | 1           | 10          | 12          |
| 80-89                     | 7           | 10          | 10          | 6           | 11          | 8           | 6           | 8           | 10          |
| 90+                       | 1           | 2           | 4           | 3           | 1           | 3           | 1           | 4           | 1           |
| Totals                    | 88          | 74          | 79          | 58          | 65          | 72          | 56          | 60          | 79          |

**MOTOR VEHICLE FATALITY TYPE BY COUNTY OF INJURY****Pinellas County**

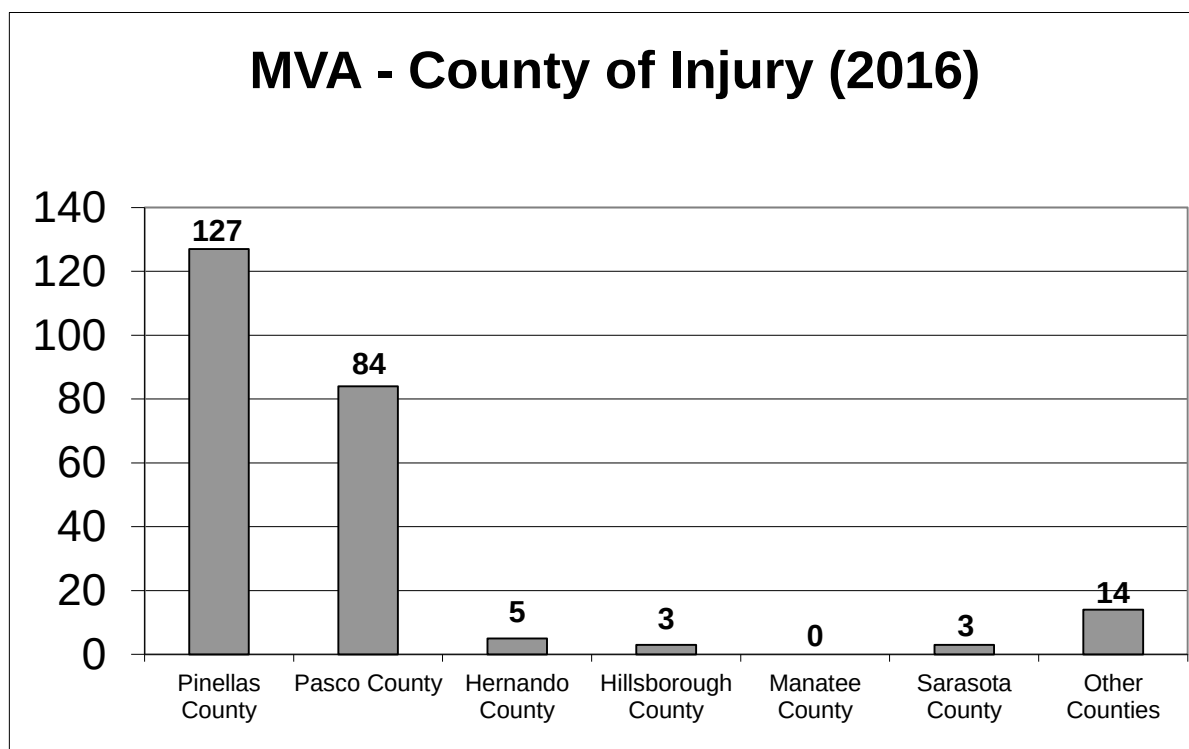
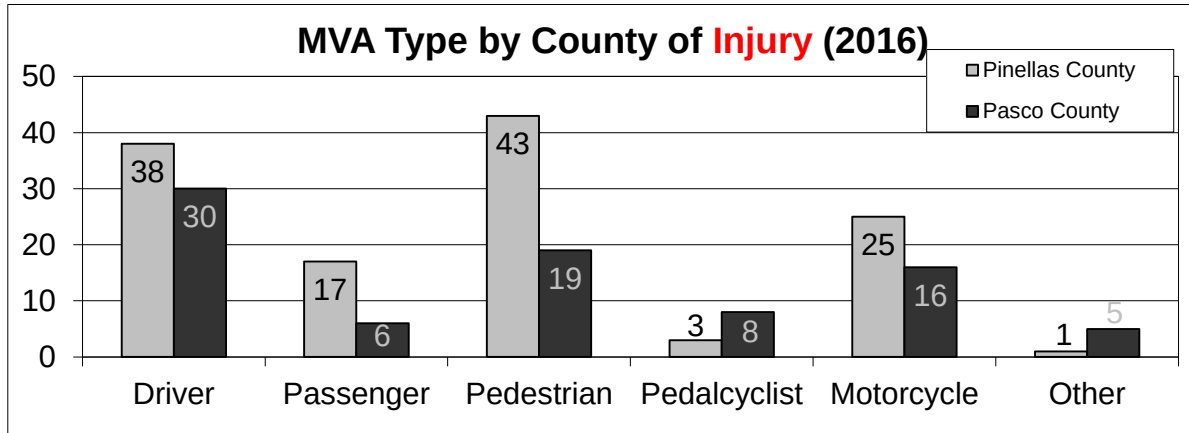
| LOCATION      | Driver    | Passenger | Pedestrian | Pedalcyclist | Motorcycle | Other    | Total      |
|---------------|-----------|-----------|------------|--------------|------------|----------|------------|
| US 19         | 5         | 1         | 6          | 1            | 6          | 0        | 19         |
| ALT 19        | 2         | 0         | 1          | 0            | 1          | 0        | 4          |
| I-275         | 3         | 4         | 0          | 0            | 0          | 1        | 8          |
| 49th St. SP   | 0         | 0         | 2          | 0            | 3          | 0        | 5          |
| McM-Booth     | 2         | 0         | 0          | 0            | 0          | 0        | 2          |
| Gulf Blvd     | 0         | 1         | 2          | 0            | 1          | 0        | 4          |
| Belcher       | 0         | 0         | 1          | 0            | 1          | 0        | 2          |
| Starkey/Keene | 0         | 0         | 0          | 0            | 2          | 0        | 2          |
| Ulmerton      | 2         | 0         | 1          | 0            | 0          | 0        | 3          |
| SR 60 G-B     | 1         | 0         | 4          | 0            | 1          | 0        | 6          |
| Pk./Gandy Blv | 1         | 0         | 2          | 0            | 2          | 0        | 5          |
| All Others    | 22        | 11        | 24         | 2            | 8          | 0        | 67         |
| <b>Total</b>  | <b>38</b> | <b>17</b> | <b>43</b>  | <b>3</b>     | <b>25</b>  | <b>1</b> | <b>127</b> |

**Pasco County**

| LOCATION     | Driver    | Passenger | Pedestrian | Pedalcyclist | Motorcycle | Other    | Total     |
|--------------|-----------|-----------|------------|--------------|------------|----------|-----------|
| US 19        | 5         | 0         | 12         | 4            | 5          | 1        | 27        |
| I-75         | 2         | 0         | 0          | 0            | 0          | 0        | 2         |
| Suncoast     | 0         | 0         | 0          | 0            | 0          | 0        | 0         |
| US 301       | 0         | 0         | 1          | 0            | 1          | 0        | 2         |
| US 41        | 0         | 1         | 0          | 0            | 0          | 0        | 1         |
| SR 52        | 5         | 1         | 1          | 1            | 0          | 0        | 8         |
| SR 54        | 2         | 0         | 1          | 1            | 1          | 0        | 5         |
| Little Road  | 2         | 1         | 0          | 0            | 2          | 0        | 5         |
| All Others   | 14        | 3         | 4          | 2            | 7          | 4        | 34        |
| <b>Total</b> | <b>30</b> | <b>6</b>  | <b>19</b>  | <b>8</b>     | <b>16</b>  | <b>5</b> | <b>84</b> |

**Out of District Location**

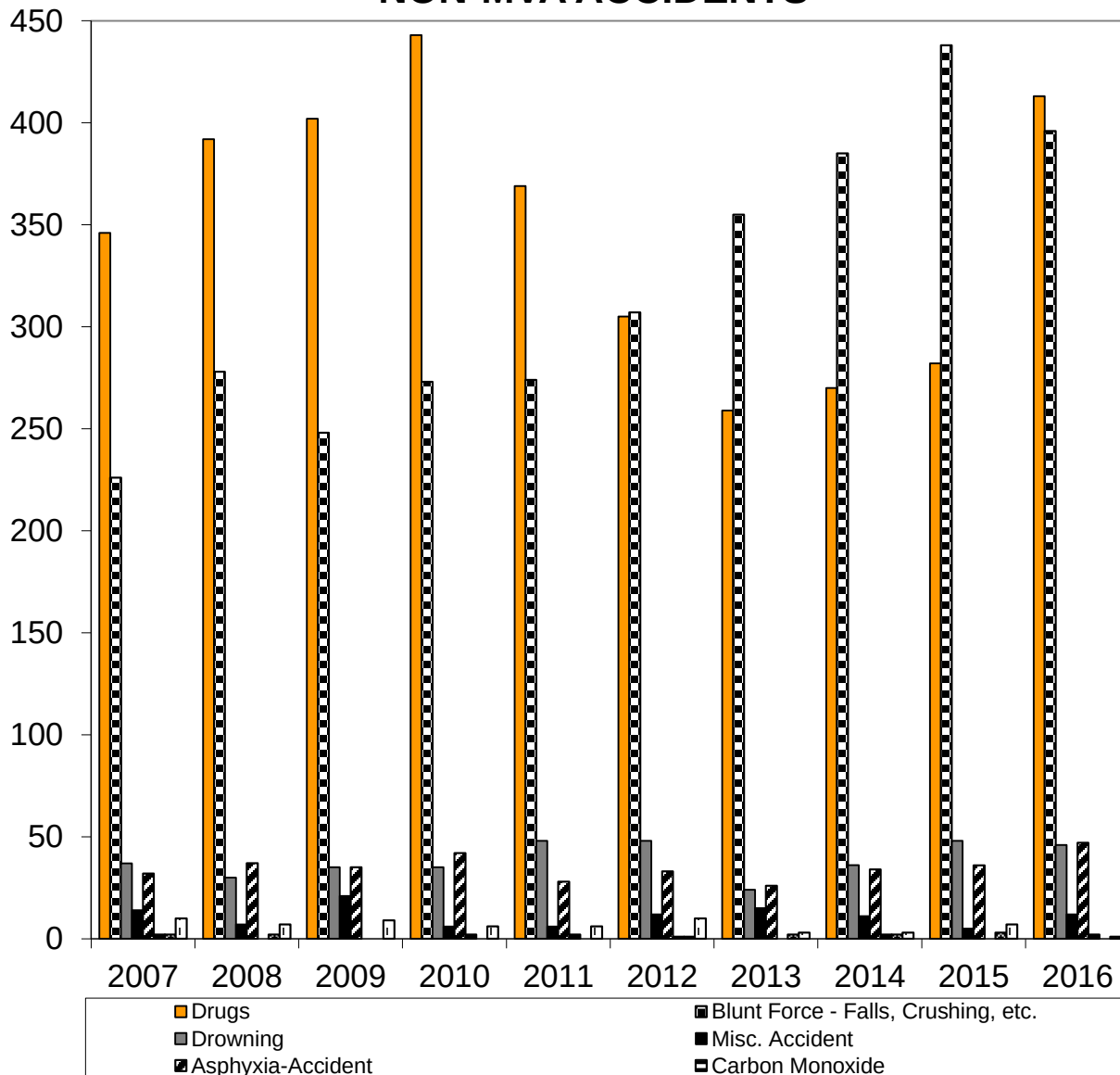
|                     | Total     |
|---------------------|-----------|
| Hernando County     | 5         |
| Hillsborough County | 3         |
| Manatee County      | 0         |
| Sarasota County     | 3         |
| Other Counties      | 14        |
| <b>Total</b>        | <b>25</b> |



### NON-MOTOR VEHICLE RELATED ACCIDENTS

|                                     | 2007       | 2008       | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Drugs                               | 346        | 392        | 402        | 443        | 369        | 305        | 259        | 270        | 282        | 413        |
| Blunt Force - Falls, Crushing, etc. | 226        | 278        | 248        | 273        | 274        | 307        | 355        | 385        | 438        | 396        |
| Drowning                            | 37         | 30         | 35         | 35         | 48         | 48         | 24         | 36         | 48         | 46         |
| Misc. Accident                      | 14         | 7          | 21         | 6          | 6          | 12         | 15         | 11         | 5          | 12         |
| Asphyxia-Accident                   | 32         | 37         | 35         | 42         | 28         | 33         | 26         | 34         | 36         | 47         |
| Carbon Monoxide                     | 2          | 0          | 0          | 2          | 2          | 1          | 0          | 2          | 0          | 2          |
| Electrical                          | 2          | 2          | 0          | 0          | 0          | 1          | 2          | 2          | 3          | 0          |
| Fire                                | 10         | 7          | 9          | 6          | 6          | 10         | 3          | 3          | 7          | 1          |
| <b>Total</b>                        | <b>669</b> | <b>753</b> | <b>750</b> | <b>807</b> | <b>733</b> | <b>717</b> | <b>684</b> | <b>743</b> | <b>819</b> | <b>917</b> |

### NON-MVA ACCIDENTS



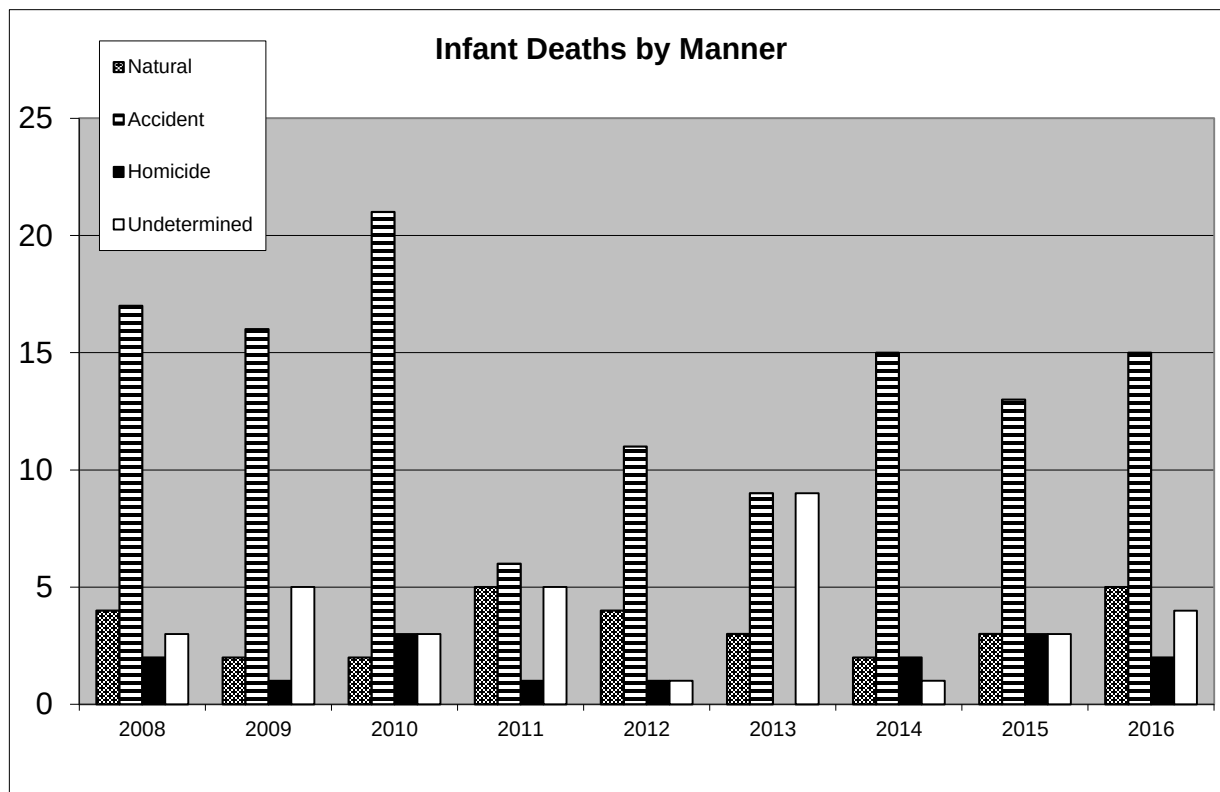
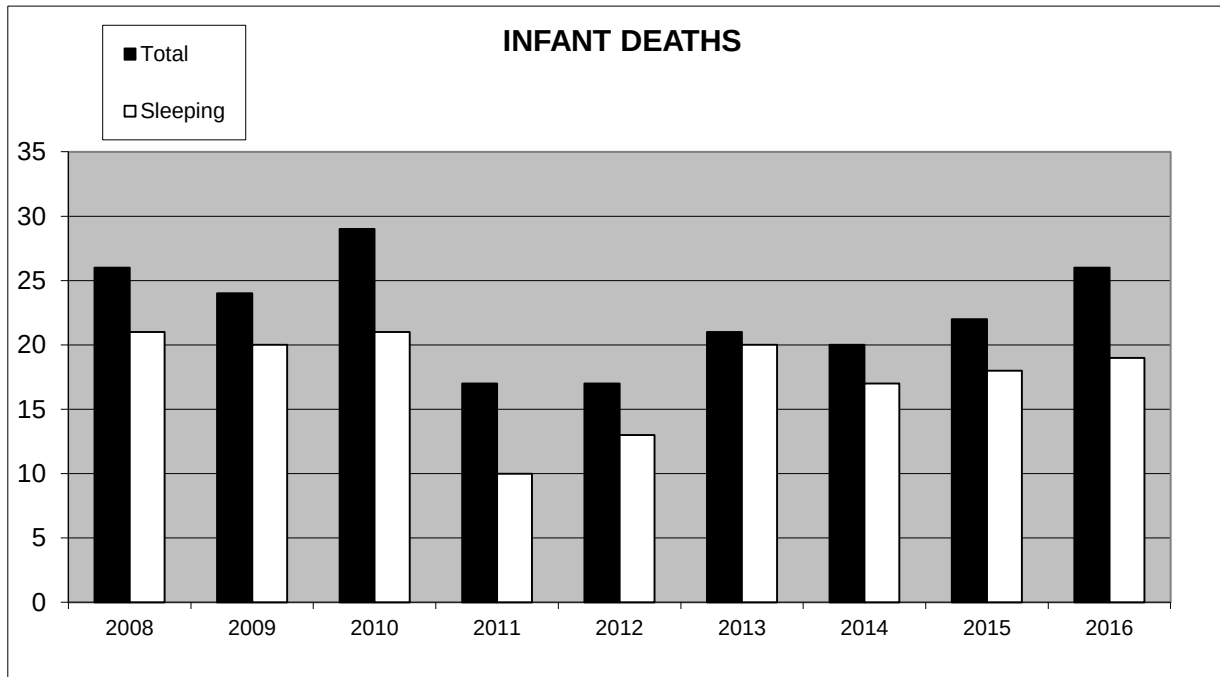
| INFANT DEATHS |  |  |  |  |  |  |  |  |  |
|---------------|--|--|--|--|--|--|--|--|--|
|---------------|--|--|--|--|--|--|--|--|--|

|                      | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total                | 26    | 24    | 29    | 17    | 17    | 21    | 20    | 22    | 26    |
| <b>Sleeping</b>      | 21    | 20    | 21    | 10    | 13    | 20    | 17    | 18    | 19    |
| % Sleeping           | 80.8% | 83.3% | 72.4% | 58.8% | 76.5% | 95.2% | 85.0% | 81.8% | 73.1% |
| Co-sleeping          | 13    | 10    | 14    | 5     | 6     | 9     | 9     | 10    | 9     |
| Sleeping Alone Total | 8     | 10    | 7     | 5     | 7     | 11    | 8     | 8     | 9     |
| Alone on Stomach     | 6     | 7     | 4     | 3     | 4     | 8     | 3     | 3     | 4     |
| Alone on Back        | 1     | 1     | 2     | 2     | 2     | 1     | 2     | 2     | 4     |
| Alone Unknown        | 1     | 2     | 1     | 0     | 1     | 2     | 3     | 3     | 1     |
| unknown/unclear      | 0     | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 1     |
|                      | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  |
| Natural              | 4     | 2     | 2     | 5     | 4     | 3     | 2     | 3     | 5     |
| Accident             | 17    | 16    | 21    | 6     | 11    | 9     | 15    | 13    | 15    |
| Homicide             | 2     | 1     | 3     | 1     | 1     | 0     | 2     | 3     | 2     |
| Undetermined         | 3     | 5     | 3     | 5     | 1     | 9     | 1     | 3     | 4     |
| <b>Total</b>         | 26    | 24    | 29    | 17    | 17    | 21    | 20    | 22    | 26    |

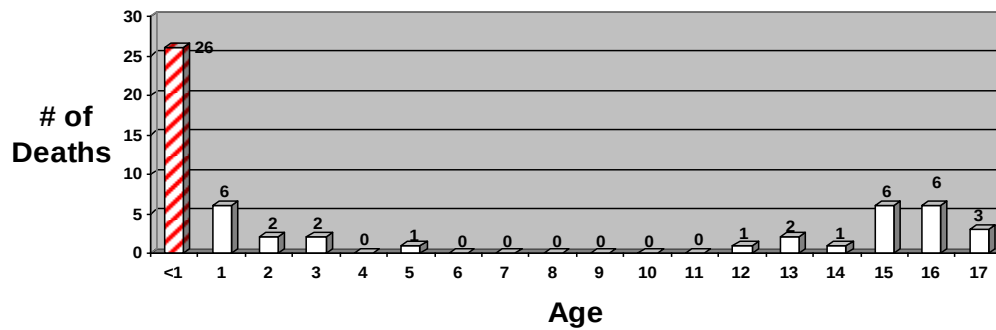
Of the 19 sleep associated infant deaths in 2016, only 3 of the infants died while reportedly sleeping in safe circumstances (alone, on their back, and on a device designed for infant sleeping), and those 3 infants died from a natural disease process. Two were found to have pneumonia, and one with encephalitis. 9 of the infants died while sleeping with others (Co-Sleeping), and 4 died while put to sleep face down on adult beds. 1 infant died after getting wedged between the wall & mattress.

|                            | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------------------------|------|------|------|------|------|------|------|------|------|------|
| SIDS *                     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Natural disease or illness | 1    | 4    | 2    | 2    | 5    | 4    | 3    | 2    | 3    | 5    |
| Asphyxia - Accident        | 14   | 17   | 15   | 17   | 5    | 10   | 9    | 14   | 12   | 12   |
| Blunt force - Accident     | 1    | 0    | 1    | 1    | 0    | 0    | 0    | 2    | 0    | 0    |
| Other Accident             | 2    | 0    | 0    | 3    | 1    | 1    | 0    | 0    | 1    | 3    |
| Blunt force - Homicide     | 0    | 2    | 1    | 3    | 1    | 1    | 0    | 0    | 2    | 1    |
| Undetermined               | 5    | 3    | 5    | 3    | 5    | 1    | 9    | 1    | 3    | 4    |
| Other Homicide             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 1    |

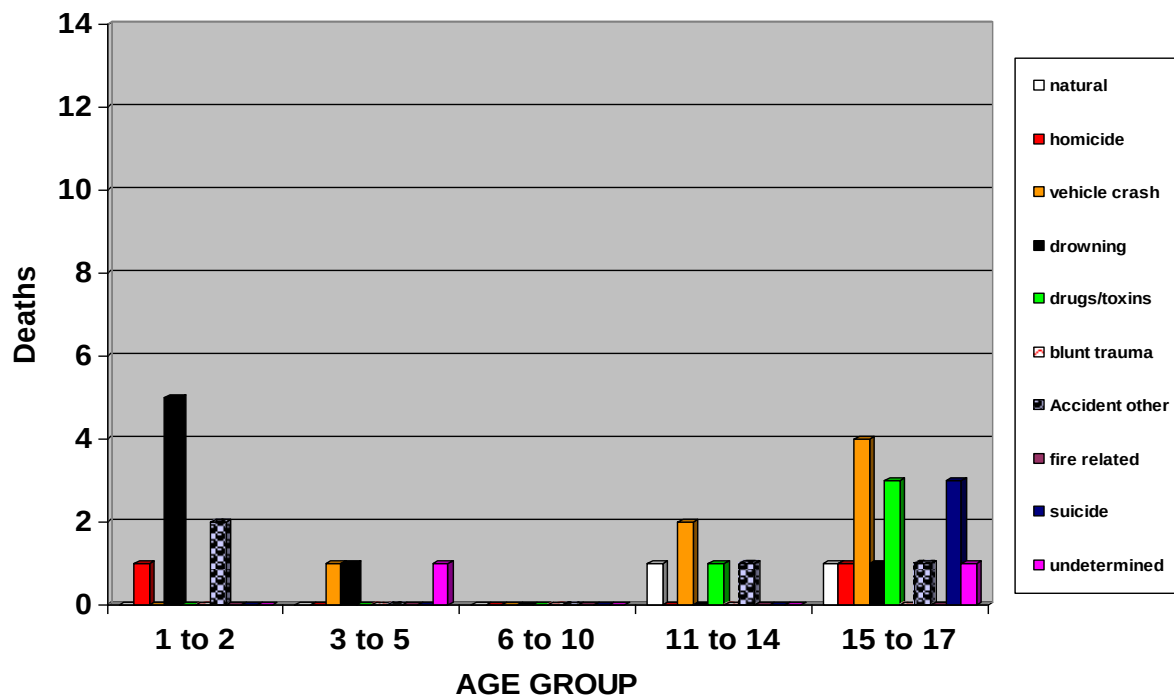
**\* Sudden Infant Death Syndrome (SIDS):** The death of an infant less than one year of age which remains unexplained after thorough case investigation, including performance of a complete autopsy, examination of the death scene, and review of the clinical history. Thus, SIDS is a diagnosis by exclusion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

**INFANT DEATHS CONT..**

### INFANT/CHILD DEATHS BY AGE (2016)



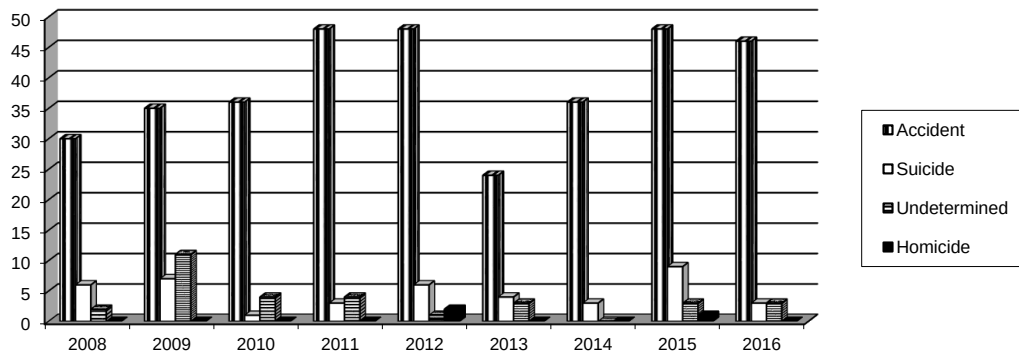
### CHILD DEATHS BY TYPE (2016)



### DROWNINGS BY MANNER OF DEATH

|              | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|------|------|------|------|------|------|------|------|------|
| Accident     | 30   | 35   | 36   | 48   | 48   | 24   | 36   | 48   | 46   |
| Suicide      | 6    | 7    | 1    | 3    | 6    | 4    | 3    | 9    | 3    |
| Undetermined | 2    | 11   | 4    | 4    | 1    | 3    | 0    | 3    | 3    |
| Homicide     | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 1    | 0    |

### DROWNINGS BY MANNER



### DROWNING BY AGE GROUP

|       | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-------|------|------|------|------|------|------|------|------|------|
| 0-10  | 3    | 8    | 10   | 8    | 12   | 1    | 3    | 7    | 7    |
| 11-30 | 5    | 7    | 3    | 3    | 3    | 4    | 4    | 3    | 5    |
| 31-50 | 12   | 15   | 11   | 15   | 12   | 7    | 10   | 14   | 18   |
| 51-70 | 9    | 16   | 10   | 15   | 17   | 15   | 14   | 23   | 15   |
| 71+   | 9    | 7    | 7    | 14   | 13   | 4    | 8    | 14   | 7    |

### DROWNING AGE 0-5 YEARS

|         | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---------|------|------|------|------|------|------|------|------|------|
| Pool    | 3    | 6    | 9    | 7    | 7    | 1    | 2    | 2    | 5    |
| Bathtub | 0    | 2    | 1    | 0    | 1    | 0    | 0    | 0    | 1    |
| Other   | 0    | 0    | 0    | 1    | 1    | 0    | 1    | 2    | 1    |

### ACCIDENTAL DROWNING BY LOCATION

|                  | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|------------------|------|------|------|------|------|------|------|------|------|
| Swimming Pool    | 16   | 6    | 18   | 17   | 22   | 16   | 8    | 10   | 13   |
| Gulf waters      | 6    | 13   | 13   | 10   | 15   | 14   | 5    | 13   | 9    |
| Lake/Pond        | 5    | 8    | 9    | 4    | 3    | 3    | 2    | 5    | 9    |
| Tampa Bay waters | 5    | 1    | 2    | 0    | 2    | 2    | 1    | 2    | 4    |
| Bathtub          | 2    | 2    | 6    | 4    | 2    | 3    | 1    | 1    | 4    |
| Spa              | 1    | 0    | 2    | 1    | 0    | 0    | 1    | 1    | 3    |
| Canal            | 1    | 0    | 1    | 0    | 1    | 3    | 3    | 1    | 3    |
| River            | 0    | 0    | 1    | 0    | 2    | 0    | 2    | 1    | 0    |
| Other Misc.      | 1    | 0    | 1    | 0    | 1    | 7    | 1    | 2    | 1    |
| Total            | 37   | 30   | 53   | 36   | 48   | 48   | 24   | 36   | 46   |



## TOXICOLOGY

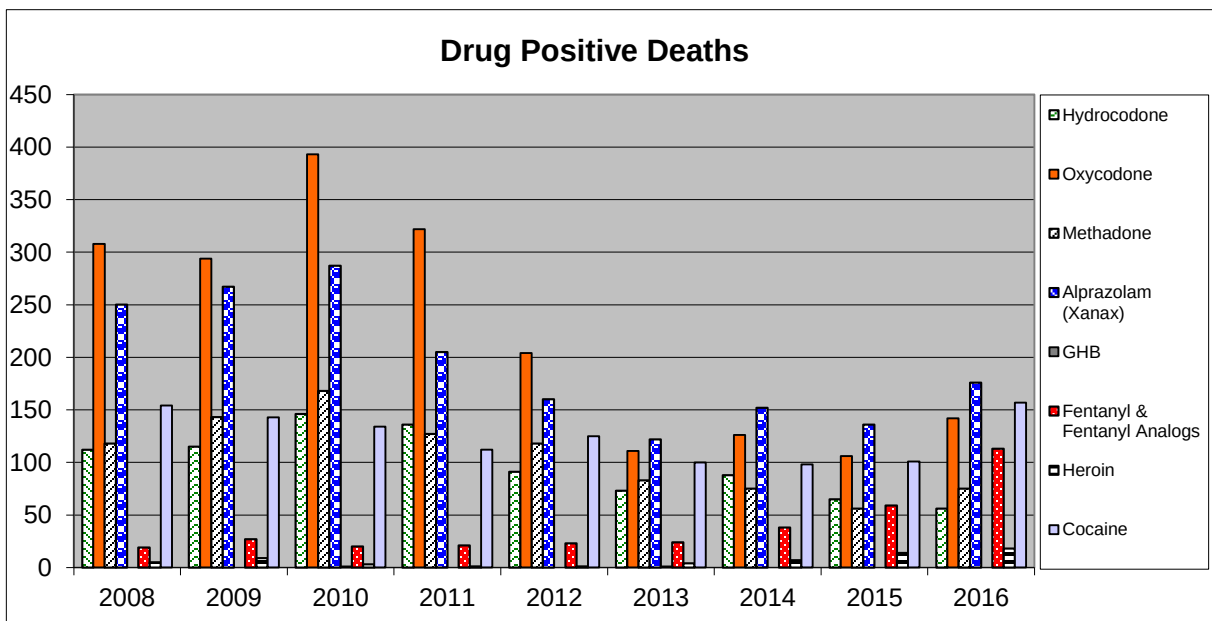
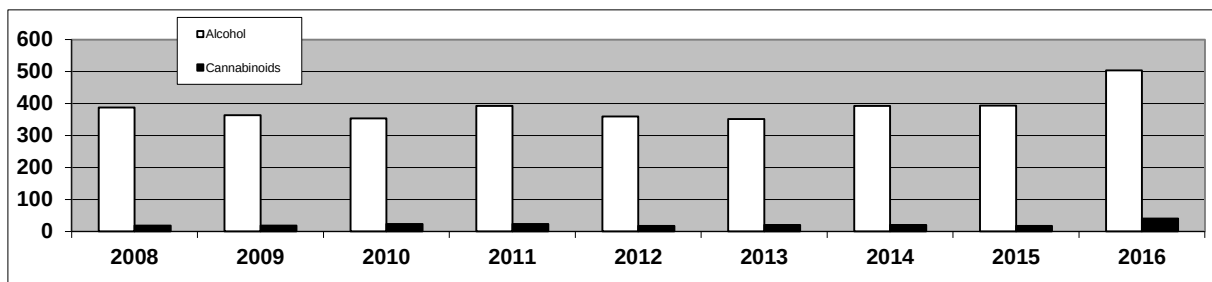
### MEDICAL EXAMINER CASES WHERE TOXICOLOGY WAS PERFORMED

|                                      | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------------------------------|------|------|------|------|------|------|------|------|------|
| Cases submitted to Toxicology        | 1460 | 1492 | 1576 | 1492 | 1392 | 1247 | 1300 | 1344 | 1495 |
| Cases where Toxicology was performed | 1119 | 1174 | 1218 | 1142 | 1047 | 952  | 1028 | 1041 | 1233 |

### MEDICAL EXAMINER CASES TESTING POSITIVE FOR DRUGS

|              | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------|------|------|------|------|------|------|------|------|------|
| Alcohol      | 388  | 364  | 354  | 393  | 360  | 352  | 393  | 394  | 504  |
| Cannabinoids | 18   | 18   | 23   | 23   | 17   | 20   | 20   | 17   | 40   |

|                             | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|------|------|------|------|------|------|------|------|------|
| Hydrocodone                 | 112  | 115  | 146  | 136  | 91   | 73   | 88   | 65   | 56   |
| Oxycodone                   | 308  | 294  | 393  | 322  | 204  | 111  | 126  | 106  | 142  |
| Methadone                   | 118  | 143  | 168  | 127  | 118  | 83   | 75   | 56   | 75   |
| Alprazolam (Xanax)          | 250  | 267  | 287  | 205  | 160  | 122  | 152  | 136  | 176  |
| GHB                         | 0    | 0    | 1    | 0    | 0    | 1    | 0    | 0    | 0    |
| Fentanyl & Fentanyl Analogs | 19   | 27   | 20   | 21   | 23   | 24   | 38   | 59   | 113  |
| Heroin                      | 5    | 9    | 3    | 1    | 1    | 4    | 7    | 14   | 18   |
| Cocaine                     | 154  | 143  | 134  | 112  | 125  | 100  | 98   | 101  | 157  |

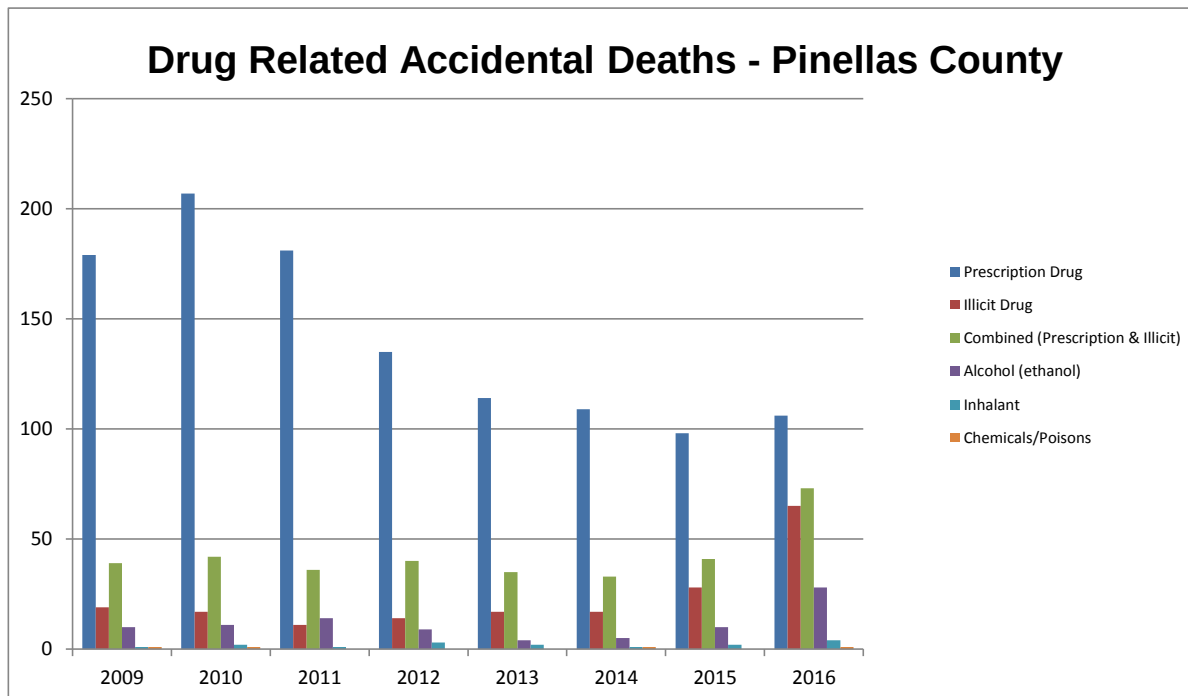


## Toxicology Continued....

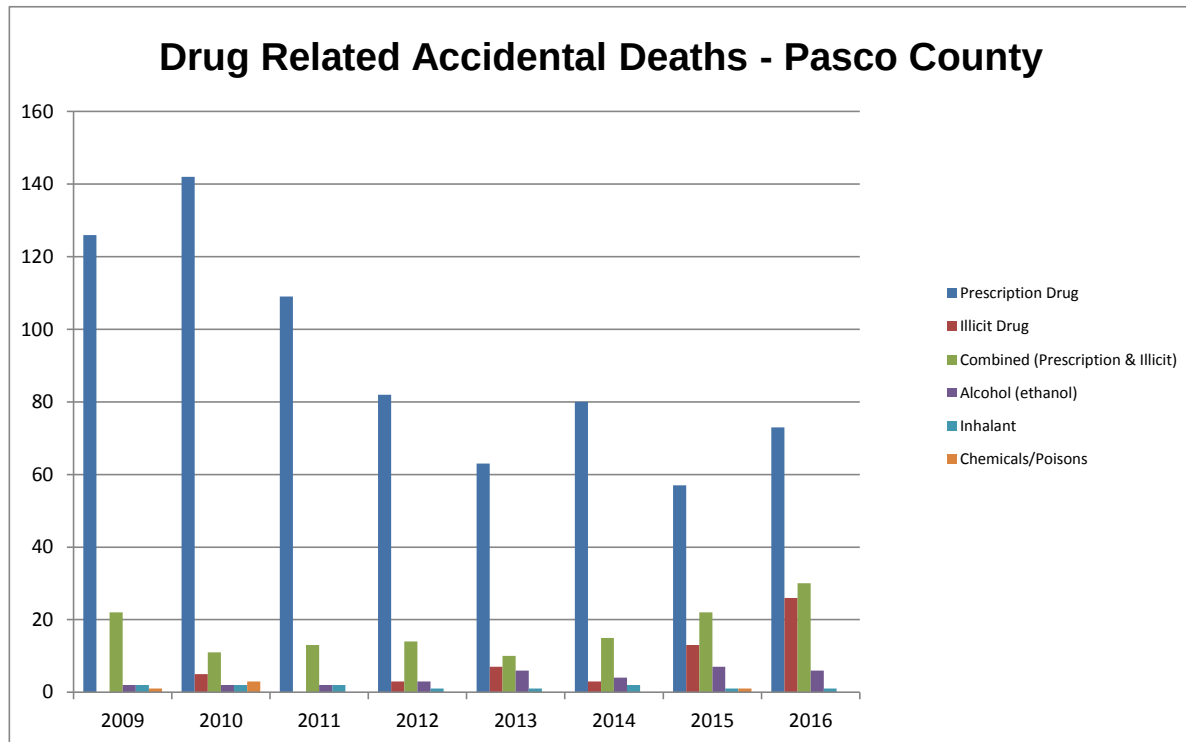
**DRUGS or TOXIN RELATED CAUSE OF DEATH (Accidental Manner)**

| <b><u>Pinellas</u></b>            | <b><u>2009</u></b> | <b><u>2010</u></b> | <b><u>2011</u></b> | <b><u>2012</u></b> | <b><u>2013</u></b> | <b><u>2014</u></b> | <b><u>2015</u></b> | <b><u>2016</u></b> |
|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Prescription Drug                 | 179                | 207                | 181                | 135                | 114                | 109                | 98                 | 106                |
| Illicit Drug                      | 19                 | 17                 | 11                 | 14                 | 17                 | 17                 | 28                 | 65                 |
| Combined (Prescription & Illicit) | 39                 | 42                 | 36                 | 40                 | 35                 | 33                 | 41                 | 73                 |
| Alcohol (ethanol)                 | 10                 | 11                 | 14                 | 9                  | 4                  | 5                  | 10                 | 28                 |
| Inhalant                          | 1                  | 2                  | 1                  | 3                  | 2                  | 1                  | 2                  | 4                  |
| Chemicals/Poisons                 | 1                  | 1                  | 0                  | 0                  | 0                  | 1                  | 0                  | 1                  |
| <b>Total Drug Related</b>         | <b>249</b>         | <b>280</b>         | <b>243</b>         | <b>201</b>         | <b>172</b>         | <b>166</b>         | <b>179</b>         | <b>277</b>         |

| <b><u>Pasco</u></b>               | <b><u>2009</u></b> | <b><u>2010</u></b> | <b><u>2011</u></b> | <b><u>2012</u></b> | <b><u>2013</u></b> | <b><u>2014</u></b> | <b><u>2015</u></b> | <b><u>2016</u></b> |
|-----------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Prescription Drug                 | 126                | 142                | 109                | 82                 | 63                 | 80                 | 57                 | 73                 |
| Illicit Drug                      | 0                  | 5                  | 0                  | 3                  | 7                  | 3                  | 13                 | 26                 |
| Combined (Prescription & Illicit) | 22                 | 11                 | 13                 | 14                 | 10                 | 15                 | 22                 | 30                 |
| Alcohol (ethanol)                 | 2                  | 2                  | 2                  | 3                  | 6                  | 4                  | 7                  | 6                  |
| Inhalant                          | 2                  | 2                  | 2                  | 1                  | 1                  | 2                  | 1                  | 1                  |
| Chemicals/Poisons                 | 1                  | 3                  | 0                  | 0                  | 0                  | 0                  | 1                  | 0                  |
| <b>Total Drug Related</b>         | <b>153</b>         | <b>165</b>         | <b>126</b>         | <b>103</b>         | <b>87</b>          | <b>104</b>         | <b>101</b>         | <b>136</b>         |



## Toxicology Continued....



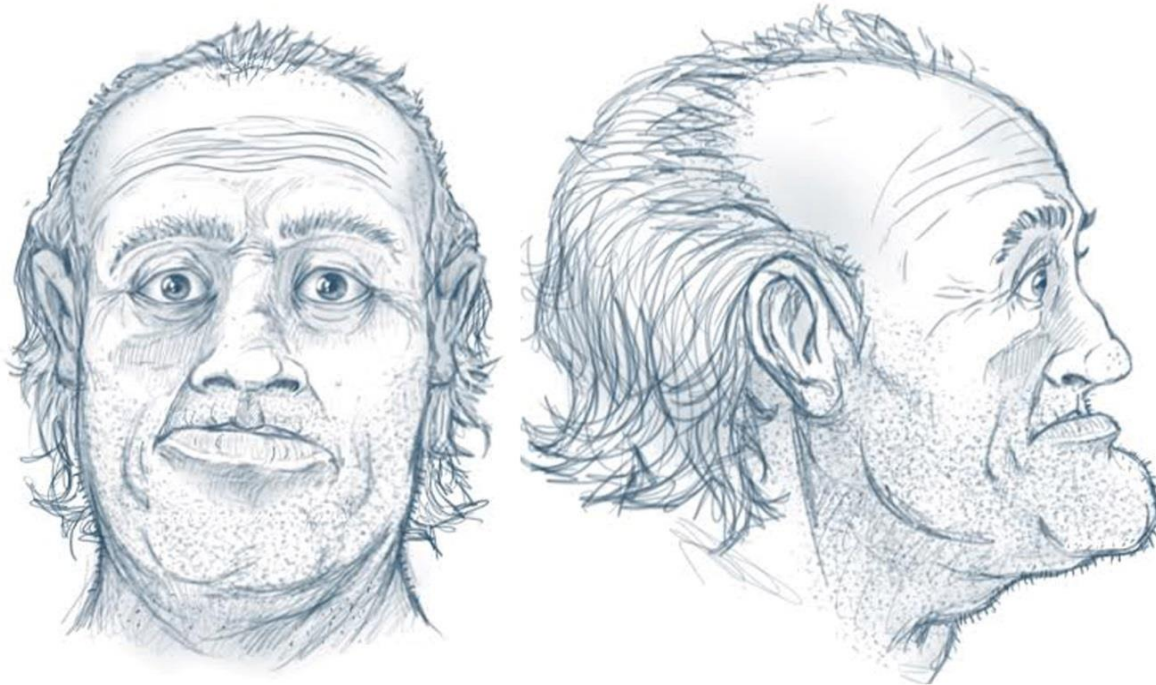
| UNIDENTIFIED PERSONS |  |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|--|
|----------------------|--|--|--|--|--|--|--|--|--|--|

|          | 2007                                           | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------|------------------------------------------------|------|------|------|------|------|------|------|------|------|
| Pinellas | 0                                              | 1    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 1    |
| Pasco    | 0                                              | 0    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0    |
| Total    | 0                                              | 1    | 1    | 2    | 0    | 0    | 0    | 0    | 0    | 0    |
|          | ID'd 05/10 ID'd 06/16 ID'd 10/11<br>ID'd 08/11 |      |      |      |      |      |      |      |      |      |

**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 band  
 Law Enforcement Agency: Pinellas County Sheriff's Office  
 Agency Case #: 16-97212  
 NamUs #: UP 15482 <https://identifys.org/cases/15482>



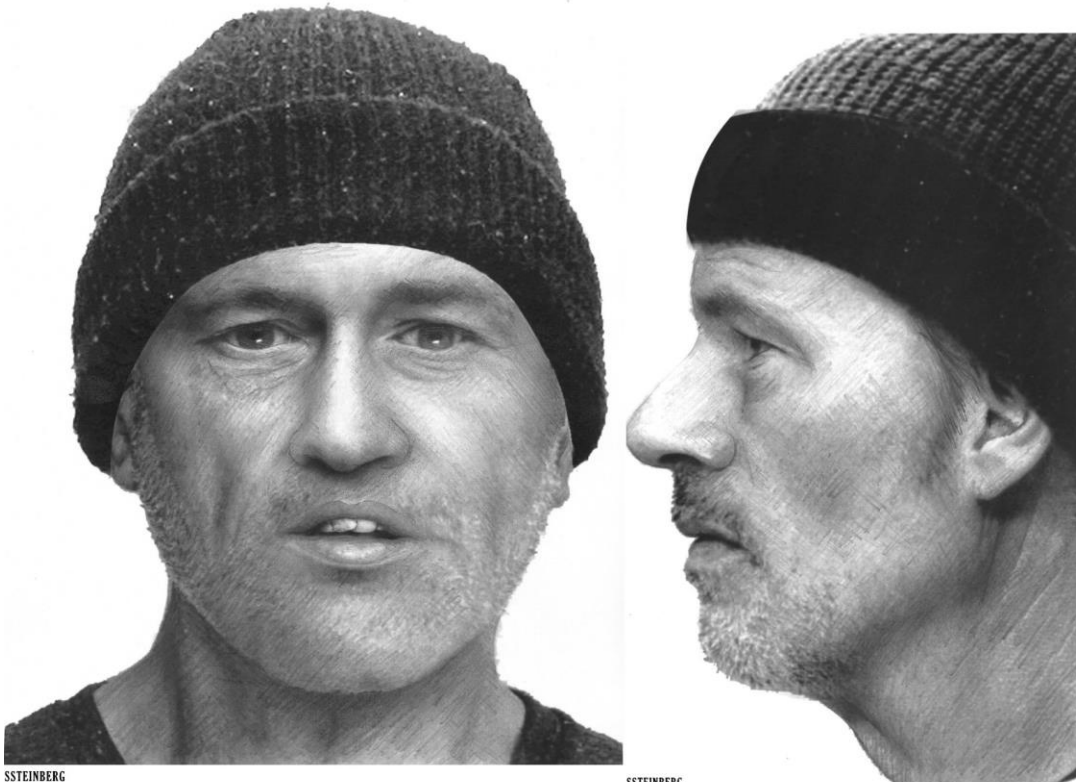
# Facial Approximation



**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://identifyus.org/cases/116>



SSTEINBERG  
08-14-2013  
MEO 5050078  
DISTRICT 6 MEO

SSTEINBERG  
08-14-2013  
MEO 5050078  
DISTRICT 6 MEO

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

|                             |
|-----------------------------|
| <b>INDIGENT / UNCLAIMED</b> |
|-----------------------------|

**Medical Examiner Cases Released as Indigent/Unclaimed \***

|               | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---------------|------|------|------|------|------|------|------|------|------|------|
| Pinellas      | 39   | 44   | 45   | 58   | 146  | 125  | 101  | 98   | 134  | 150  |
| Pasco         | 17   | 24   | 20   | 12   | 45   | 52   | 42   | 52   | 68   | 63   |
| <b>Total:</b> | 56   | 68   | 65   | 70   | 191  | 177  | 143  | 150  | 202  | 213  |

\* 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.

|                                    |
|------------------------------------|
| <b>Organ &amp; Tissue Donation</b> |
|------------------------------------|

|                   | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| Organ Donations   | 29   | 28   | 37   | 25   | 41   | 22   | 15   | 39   | 31   | 33   |
| Tissue Donations  | 55   | 48   | 51   | 28   | 38   | 43   | 54   | 48   | 57   | 42   |
| Corneal Donations | 90   | 96   | 143  | 104  | 107  | 135  | 123  | 150  | 131  | 126  |

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

|                    |
|--------------------|
| <b>Exhumations</b> |
|--------------------|

|               | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|---------------|------|------|------|------|------|------|------|------|------|------|
| Pinellas      | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    |
| Pasco         | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    |
| <b>Total:</b> | 0    | 0    | 0    | 6    | 0    | 0    | 0    | 0    | 0    | 0    |