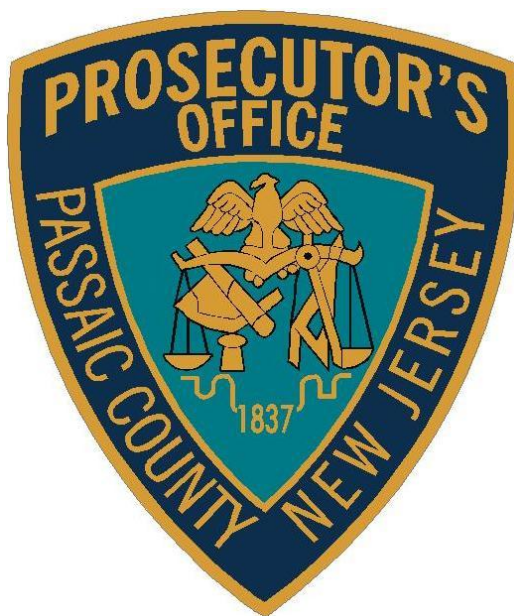


***Passaic County Prosecutor's Office
Intelligence/Homeland Security Unit***



***Passaic County Overdose Environment
January 1, 2017 - September 30, 2017***



PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



BACKGROUND

The Passaic County Prosecutor's Office continues to conduct analysis of autopsy reports retrieved from unattended deaths which occur in Passaic County that were investigated from January 1, 2017 through September 30, 2017 (****cut off date 09/30/2017*). The content in this report is based on the information retrieved from the State of New Jersey Office of the State Medical Examiner, which reports the cause(s) of these deaths being in the form of substance abuse overdoses.

It should be noted that reporting documentation regarding unattended deaths tends to be delayed from the State of New Jersey Office of the State Medical Examiner, due to the voluminous amount of cases it receives. Therefore the data may fluctuate as there are continuous fluid updates in fatal overdose reporting.

Additional scope and analysis includes the Nasal Narcan Deployments administered by municipalities and Police Departments within Passaic County.

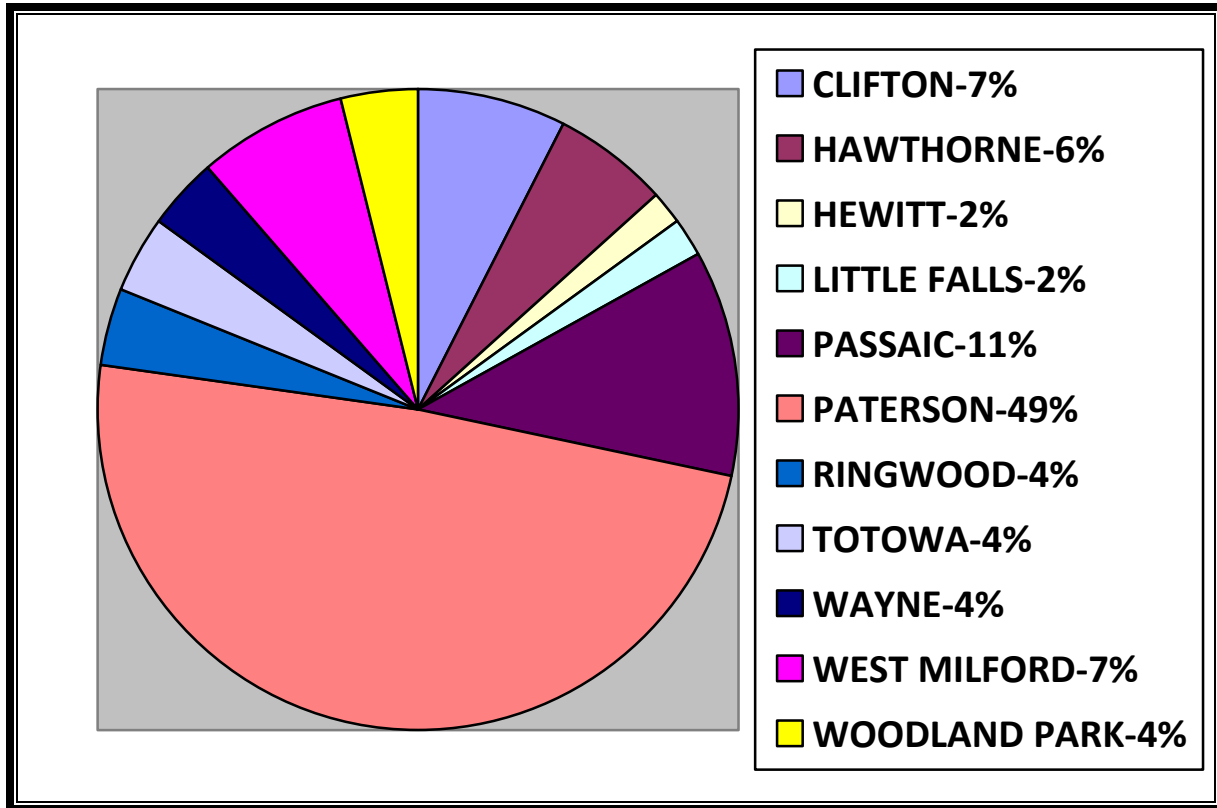


PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



Key Findings



Total Cases Reported= 53

OVERVIEW

During the time period listed, there were 53 Fatal Overdoses reported in Passaic County, New Jersey. The City of Paterson had the greatest amount of fatal drug overdoses with twenty-six (26) or 49% of the cases reported. The City of Passaic had the second highest amount with six (6) or 11% in their municipality. West Milford had four (3) or 7%. Hawthorne had three (3) or 6%. Wayne, Woodland Park and Totowa Boroughs each had two (2) or 4%. The remaining municipalities Little Falls and Hewitt each had (1) or 2% of the cases reported.

There were seven individuals who reside outside of Passaic County that overdosed within our jurisdictions during this reporting period. Two were from Hudson County, two from Morris County, two from Bergen County and one individual from Ocean County.

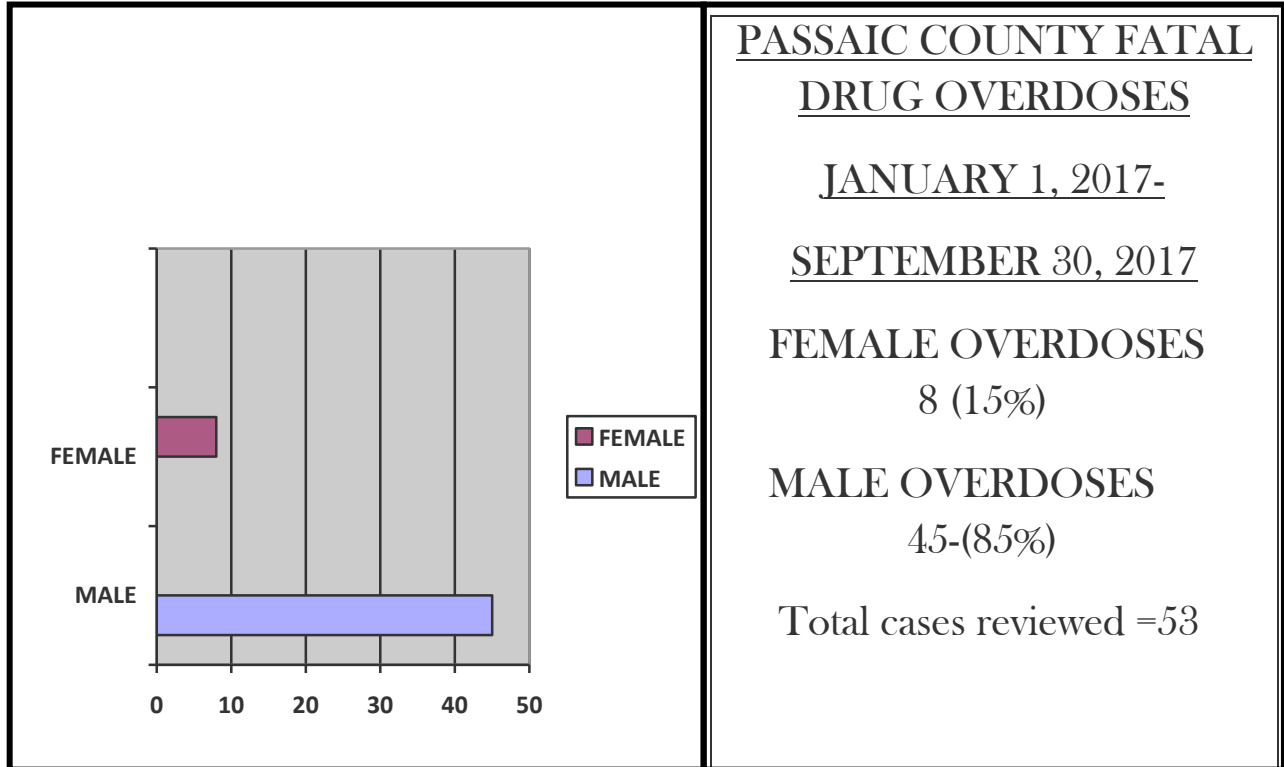


PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



Fatal Overdoses by Gender



OVERVIEW

Between January 1, 2017 and September 30, 2017 males overdosed at a greater rate at 86% with a total number of 45 cases. Females at a lower rate at 15% with a total of 5 cases.

The percentage of females overdosing has remained within the same percentage over this time period compared to the last year. Males tend to overdose at a higher rate, usually caused by Heroin and Prescription drug abuse.

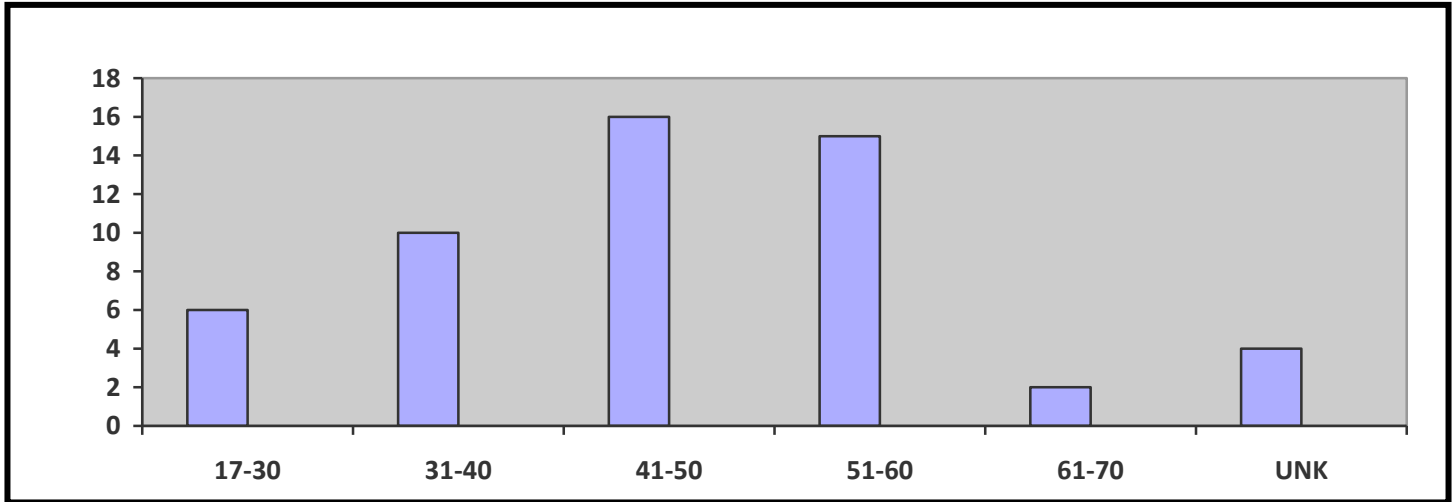


PASSAIC COUNTY OVERDOSE ANALYSIS



JANUARY 1, 2017 -SEPTEMBER 30, 2017

Fatal Overdoses by Age



Total Cases Reviewed=53

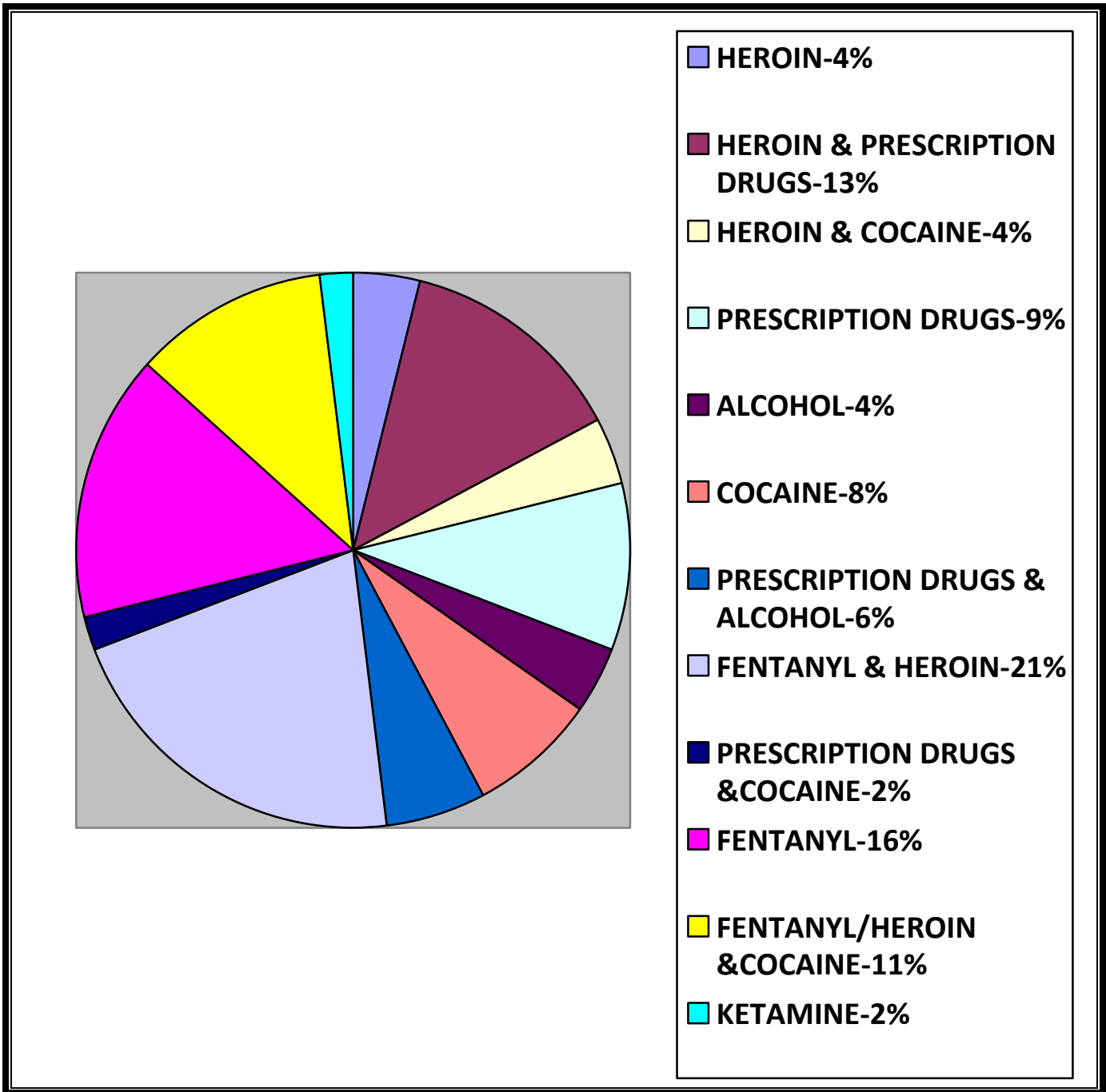
17-30 Year Old-6 Cases (11%)
31-40 Year Old-10 Cases (19%)
41-50 Year Old-16 Cases (30%)
51-60 Year Old-15 Cases (28%)
61-70 Year Old-2 Cases (4%)
UNKNOWN AGE-4 Cases (8%)

OVERVIEW

The greatest number of Fatal Overdoses reported was in the age group of 41-50 having sixteen (16) cases or 30% of the total fatal overdoses reported. 51-60 year olds had the second highest reporting with fifteen (15) cases or 28% . 31-40 year olds had the third highest percentage at 19% with ten (10) of the cases listed. 17-30 year olds had 11% with six (6) cases reported. 61-70 year olds had the least amount of cases reported with two (2) or 4%. It should be noted that the first age group category (17-30), was lowered in this report for the first time to include 17 year olds, indicating that an overdose fatality has now victimized a juvenile within Passaic County. There were four (4) cases or 8% where the age of the overdose victim(s) was not able to be determined.

PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



Total Cases Reviewed=53



PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



OVERVIEW

The utilization of the combination Heroin and Fentanyl was responsible for 21% of all fatal overdose cases reported. This combination has emerged during this reporting period as compared to earlier years reporting, replacing the sole use of Heroin which has dominated the cause of fatal overdoses in Passaic County for the past three years.

Fentanyl as well as Fentanyl combined with other factors, make up a total of 48% of all Fatal Overdoses for this reporting period. We will continue to monitor any Fentanyl related overdose deaths to ensure the public's safety and raise awareness as this trend continues to emerge.

Prescription drugs along with other factors combined still plague overdose victims responsible for 30% of the cases reported as well.

As in the past several years, other factors have also been present (i.e.: alcohol intoxication) as the contributing causes in accidental/overdose deaths reported. These factors were also responsible for 4% of the fatal overdoses reported.

Cocaine has been very prevalent as well during this reporting period, with seven (7) or 8% of the cases reviewed. Heroin, Cocaine and Fentanyl combined has attributed to six (6) or 11% of the fatal overdoses. This was the first reporting period where this combination was documented as a causing factor for overdose fatalities.

Ketamine, categorized as a “dissociative anesthetic,” which is used in powdered or liquid form as an anesthetic, usually on animals. It can be injected, consumed by humans in drinks, can be snorted, or added to joints or cigarettes. This drug has been reported for the first time in this reporting period as a cause of one fatal overdose in Passaic County.



PASSAIC COUNTY OVERDOSE ANALYSIS



JANUARY 1, 2017 -SEPTEMBER 30, 2017

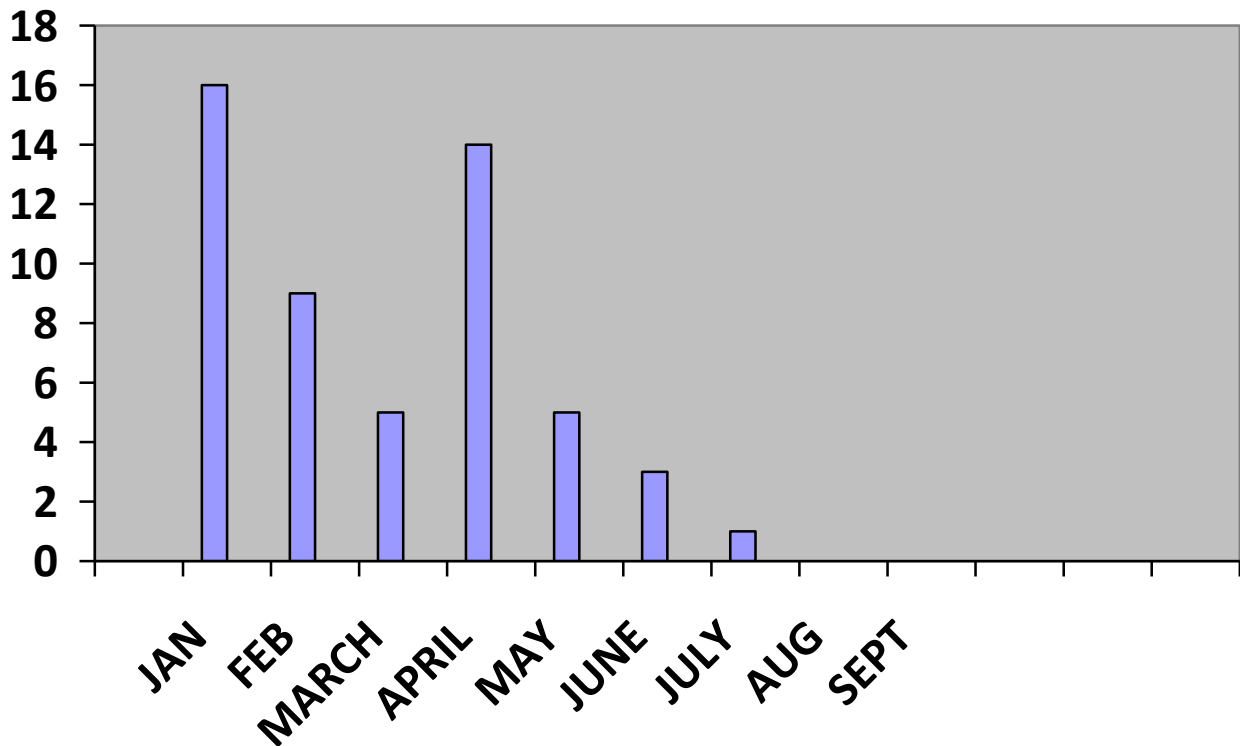
FATAL OVERDOSES BY MONTH

The tables and charts below illustrate the comparisons of fatal overdoses reported monthly in Passaic County

January 1, 2017-September 30, 2017

(53 cases reported)

Jan	Feb	March	April	May	June	July	Aug	Sept
16	9	5	14	5	3	1	0	0





PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



OVERVIEW

It should be noted that when statistics were compared to first and second quarter 2016 as compared to first and second quarter 2017 (January 1, 2016-July 31, 2016 vs. January 1, 2017-July 31, 2017) it revealed Passaic County to be trending at a higher rate of 58% in 2017 with regard to fatal overdoses.

Comparative analysis on fatal overdoses has only been conducted up to first and second quarter at this time due to the delay in final conclusive reporting by the New Jersey Office of the State Medical Examiner. We do expect these statistics to fluctuate as final reports are received.

NASAL NAXOLONE-NARCAN STATISTICS

Nasal Naxolone-Narcan was implemented in Passaic County in August 2014 in an effort by the State of New Jersey to thwart fatal overdoses. The deployment of Narcan has dramatically increased over the past year as predicted. We expect this trend to continue as we are trending significantly higher in 2017.

The table and chart in the next page below illustrates the 2017 Narcan Deployments by month in Passaic County.



PASSAIC COUNTY OVERDOSE ANALYSIS



JANUARY 1, 2017 -SEPTEMBER 30, 2017

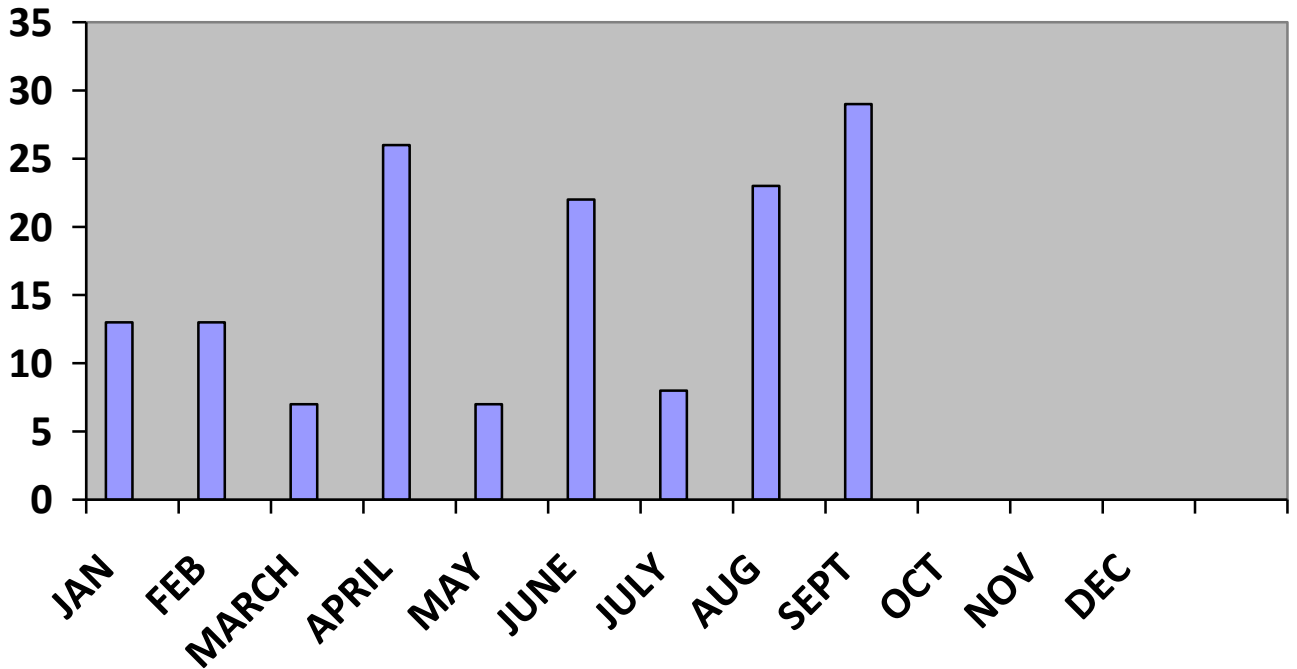
JANUARY 1, 2017-SEPTEMBER 30, 2017 (147 DEPLOYMENTS REPORTED)

COMPARATIVE ANALYSIS

JANUARY 1, 2016-SEPTEMBER 30, 2016 VS. JANUARY 1, 2017-SEPTEMBER 30, 2017

77 DEPLOYMENTS 2016 VS. 147 DEPLOYMENTS 2017 **48% INCREASE

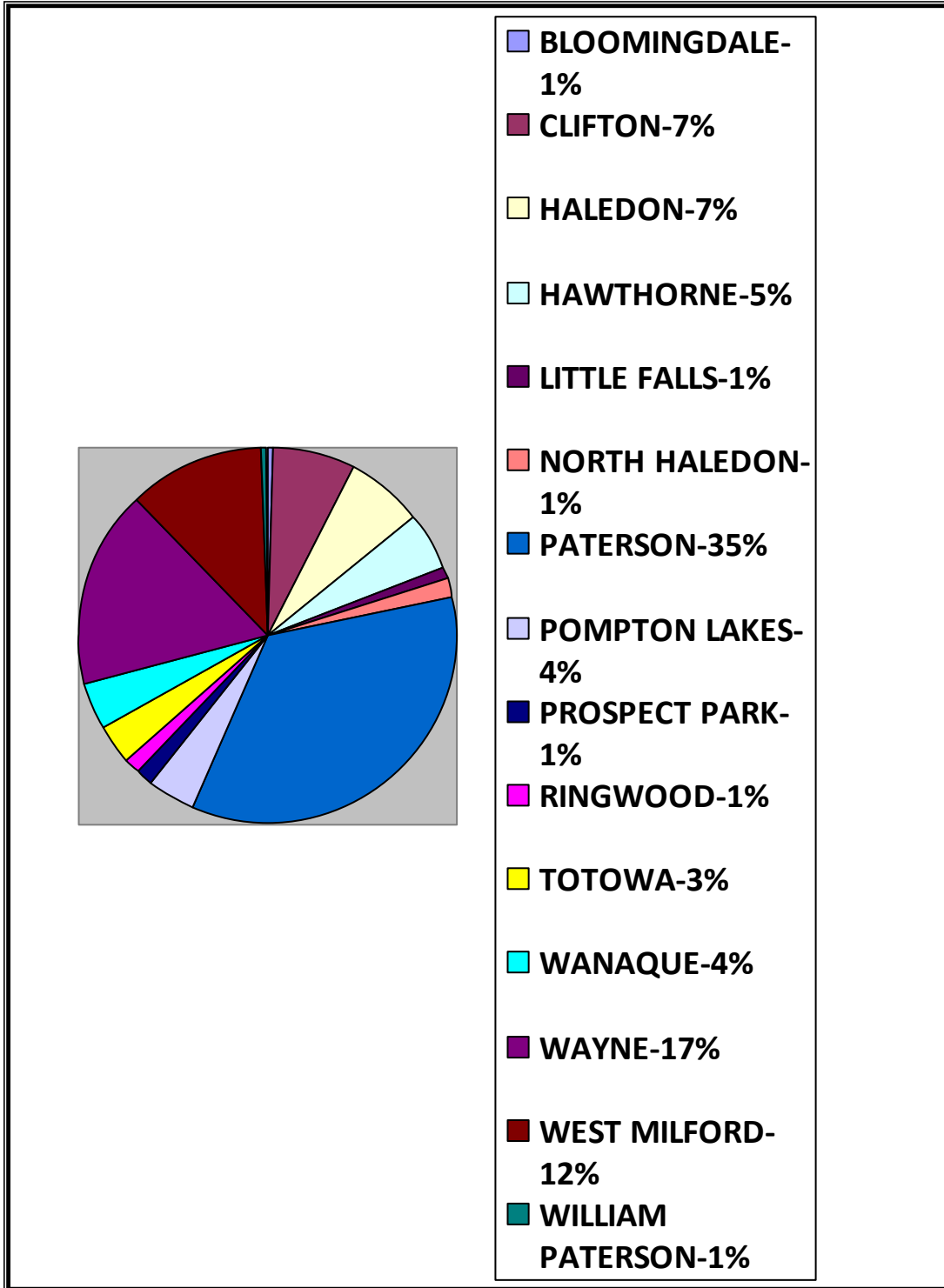
JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
13	13	7	26	7	21	8	24	28			





PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017





PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



OVERVIEW

During the time period of January 1, 2017-September 30, 2017 there were one - hundred forty-seven (147) Nasal Naxolone -Narcan Deployments in Passaic County. Twelve (12) or 8% of these deployments resulted in a fatal overdose, where the individual who was administered Narcan was not able to be revived.

There were a total of one-hundred eleven (111) Narcan Deployments for the entire year 2016 (January 1, 2016-December 31, 2016) demonstrating that Passaic County has greatly surpassed the one-hundred eleven (111) 2016 total deployments year to date in 2017.

The chart above illustrates these deployments administrated by Passaic County Police Departments.

Paterson Police Department administered the greatest amount of Narcan with fifty-one (51) or 35% of the deployments (please note that one of the deployments in the City of Paterson was administered by the Passaic County Sheriff's Department). Wayne Police Department had the second highest with twenty-five (25) or 17% followed by West Milford Police Department with seventeen (17) or 12% of the deployments.

Clifton and Haledon Police Departments each had ten (10) or 7% of the deployments listed. Hawthorne Borough had seven (7) or 5%. Pompton Lakes and Wanaque Police Departments each had six (6) or 4% of the deployments listed.

Totowa had five (5) or 3% of the deployments.

Little Falls Police, North Haledon, Prospect Park and Ringwood Police Departments each had two (2) or 1% of the deployments.

Bloomingtondale and William Paterson University Police Departments each had one (1) or 1% of the deployments.



PASSAIC COUNTY OVERDOSE ANALYSIS

JANUARY 1, 2017 -SEPTEMBER 30, 2017



IMPACT AND RECOMMENDATIONS

With the dramatic increase in the presence of Fentanyl, it is imperative that Heroin Task Force Initiatives as well as outreach and awareness to Passaic County communities be maintained as an effort in reducing these increased overdose trends.

Heroin, Cocaine and Prescription drug abuse remains to be problematic in this county and throughout New Jersey. Substance abuse, fatal and non-fatal overdoses continues to be a priority to be addressed in Passaic County. Although Passaic County is experiencing an increase in fatal and non-fatal overdoses, municipalities are remaining vigilant regarding Narcan deployments aiding in thwarting additional overdose fatalities. This is evident with the increasing spike in Narcan Deployments.

Analysis should be continued to monitor these statistics which will heighten awareness in the cases of increased overdose activity as well as any new drug trends emerging to cause additional overdoses.

For additional information regarding this Intelligence Product please contact:

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