

Brunswick County ED & EMS Overdose Data—2021 Summary (Source: NCDETECT)

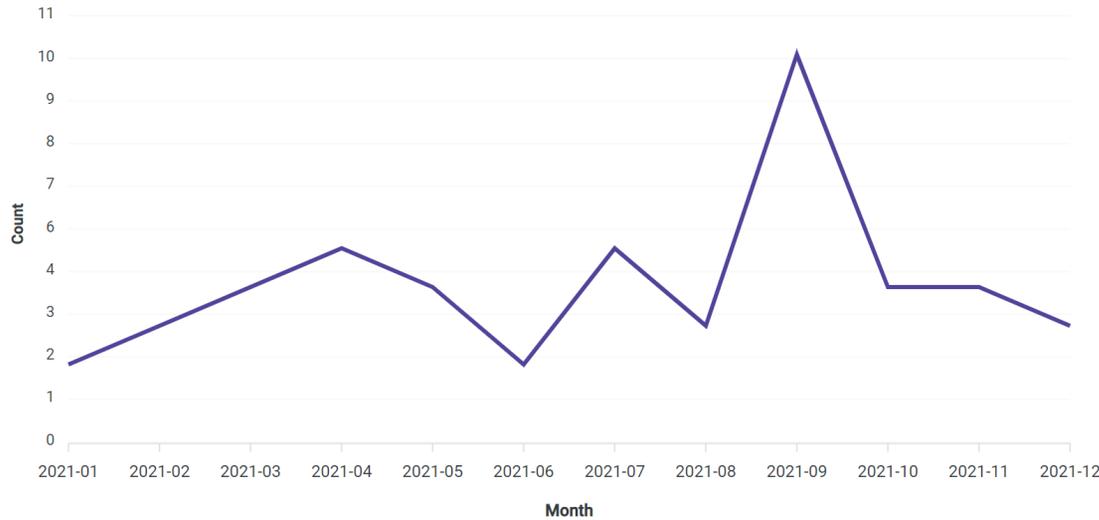
Emergency Department Data

Note: Data compiled from NC DETECT

The ED data for non-fatal overdoses has been further compiled into total counts for each month, gender, age, insurance coverage and city.

ED: Opioid Overdose V.2 Counts by Month

Date Range: 1/1/2021 - 12/31/2021
 County: Brunswick
 Source: NC DETECT; Generated: 1/4/2022



ED: Opioid Overdose Counts by Month-
Brunswick

Month	Count
January	2
February	3
March	4
April	5
May	4
June	2
July	5
August	3
September	10
October	4
November	4
December	3
Total	49

In 2021, Brunswick County has had 49 non-fatal ODs. An average of about 5/day. September had the highest peak at 10 ODs.

ED: Opioid Overdose V.2 Counts by Gender

Date Range: 1/1/2021 - 12/31/2021
 County: Brunswick
 Source: NC DETECT, Generated: 1/4/2022



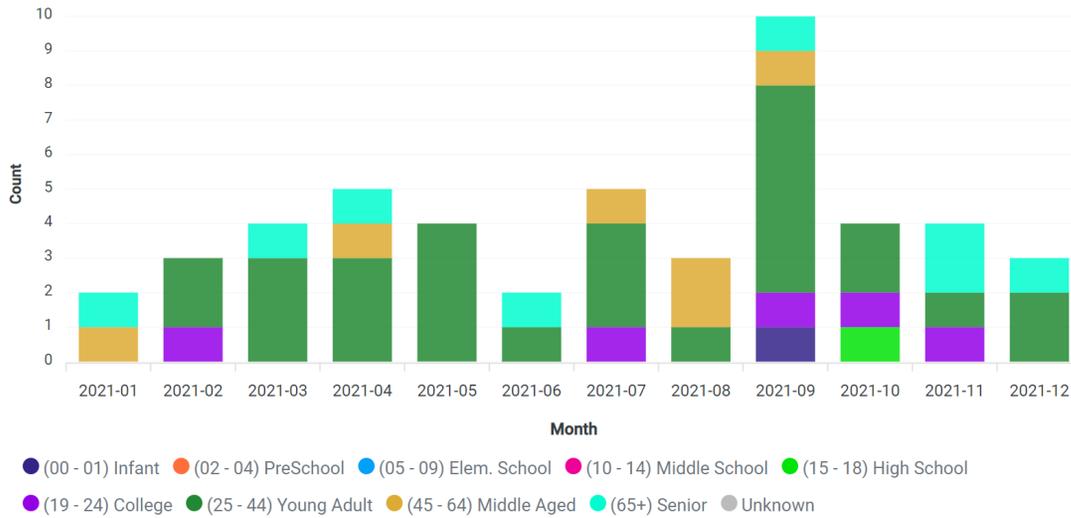
ED: Opioid Overdose Counts by Month & Gender- Brunswick

Month	Male	Female
January	0	2
February	1	2
March	3	1
April	2	3
May	2	2
June	1	1
July	3	2
August	2	1
September	8	2
October	2	2
November	4	0
December	2	1
Total	30	19

In 2021, males made up over half (61%) of non-fatal ODs compared to females (39%).

ED: Opioid Overdose V.2 Counts by Age Group

Date Range: 1/1/2021 - 12/31/2021
 County: Brunswick
 Source: NC DETECT; Generated: 1/4/2022

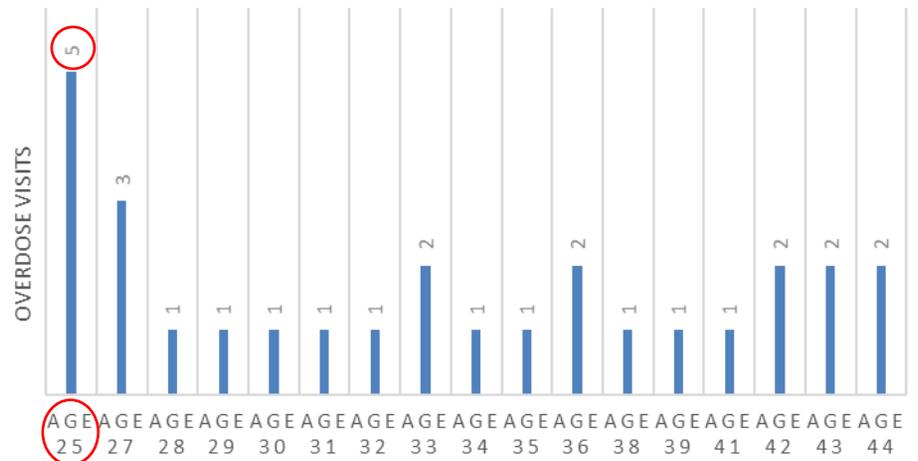


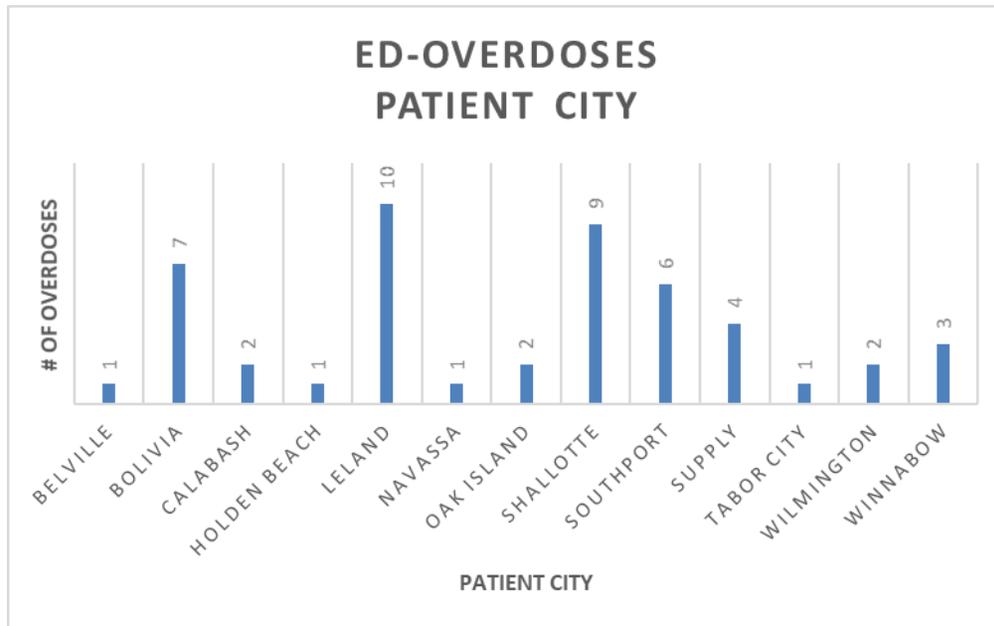
ED: Opioid Overdose Counts by Month & Age- Brunswick

Age Group	Count
Infant (0-1)	1
Child (2-14)	0
High School (15-18)	1
College (19-24)	5
Young Adult (25-44)	28
Middle Aged (45-64)	6
Senior (65+)	8
Total	49

Young Adults made up 57% of all ODs, followed by seniors, and those middle aged.

ED OD VISITS -YOUNG ADULTS





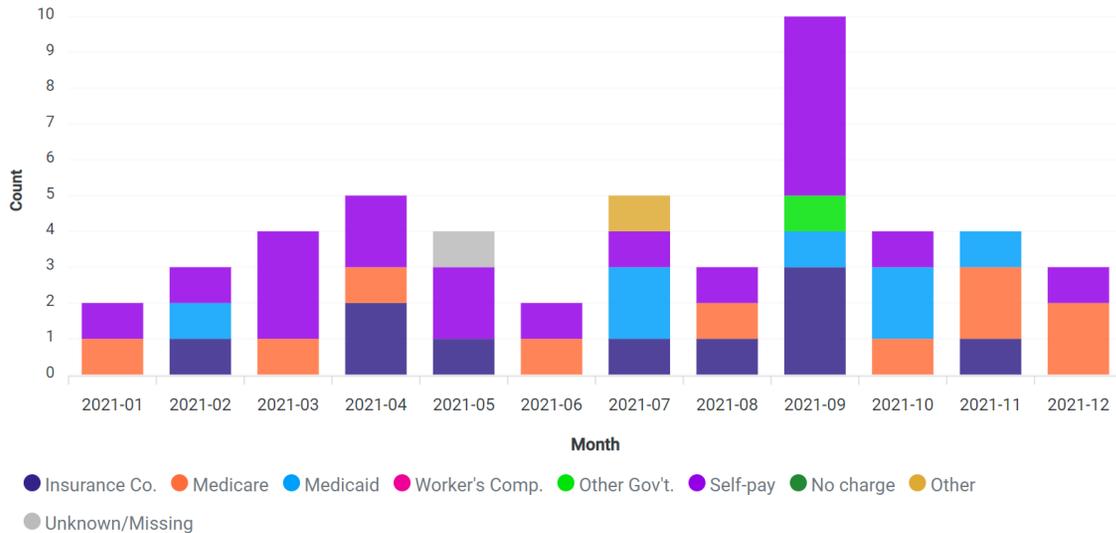
ED: Opioid Overdose Counts by Patient City

City	Count
Belville	1
Bolivia	7
Calabash	2
Holden Beach	1
Leland	10
Navassa	1
Oak Island	2
Shallotte	9
Southport	6
Supply	4
Winnabow	3
Tabor City (not Brunswick)	1
Wilmington (not Brunswick)	2
Total	49

This data displays the patient’s city of residence when admitted or seen at either of the two hospitals in Brunswick County (Novant or Doshier). Patients lived in Leland, Shallotte or Bolivia—making up 53% of the overall total.

ED: Opioid Overdose V.2 Counts by Insurance Coverage

Date Range: 1/1/2021 - 12/31/2021
 County: Brunswick
 Source: NC DETECT; Generated: 1/4/2022



ED: Opioid Overdose Counts by Insurance Coverage-Brunswick

Insurance Type	Count
Private Insurance	10
Medicare	10
Medicaid	7
Worker's Comp	1
Other Gov't	1
Self-Pay (uninsured)	19
Other	1
Unknown/missing	1
Total	49

In 2021, there were 49 OD visits to the county hospitals. Of those 39% were uninsured (self-pay), 20% were private insurance, and Medicaid/Medicare made up 35%.

Conclusion of ED data:

In 2021 there were a total of 49 non-fatal opioid related overdoses that averages to 4 overdoses per month. The month of September holds the highest incidence rate due to a spike in cases. Demographically cases are seen most often in males (61%) who are between the age of 25-44 (57%) that live in the larger populated cities/municipalities and are uninsured/self-pay (39%).

Emergency Management Service (EMS) Data

Note: Data compiled from NC DETECT

The EMS data for non-fatal overdoses has been further compiled into total counts for each month, gender, age, and city.

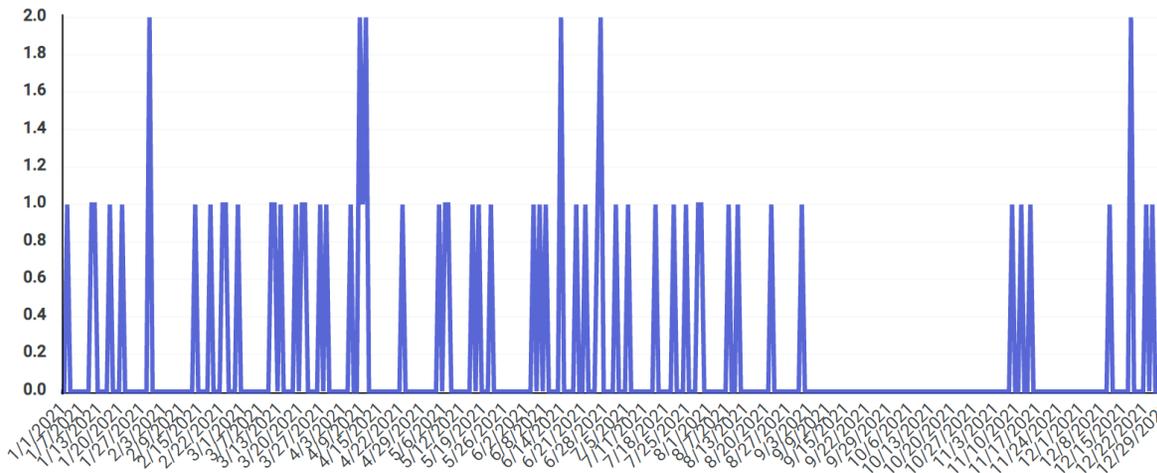
EMS: Count of Opioid Overdose by Date

Total Count: 62

Date Range: 1/1/2021 - 12/31/2021

County: Brunswick

Source: NC DETECT; Generated: 1/4/2022

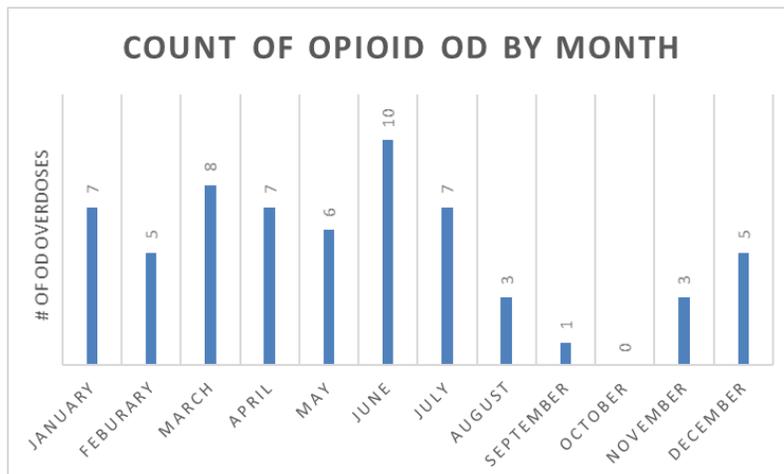


EMS: Opioid Overdose Responses

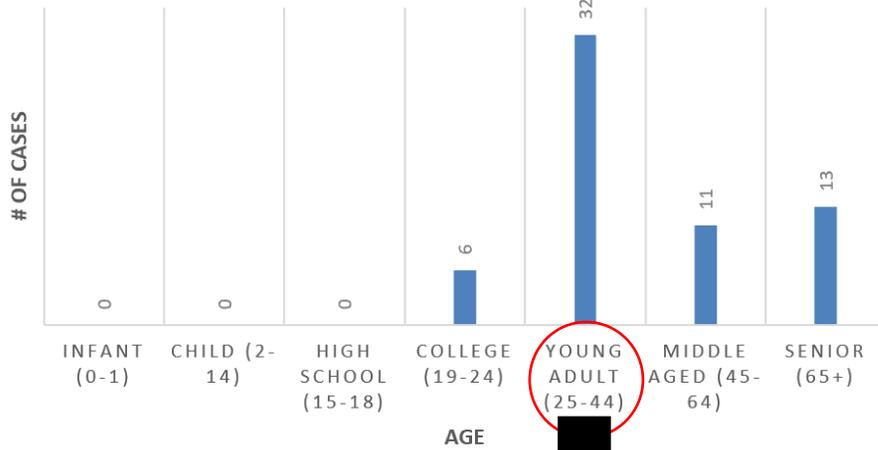
In 2021, EMS responded to **62 opioid overdoses**. The first graph displays by date and the second graph shows how many calls were made and responded to by month. On average there are about 5 calls per month that EMS responds to.

Note:

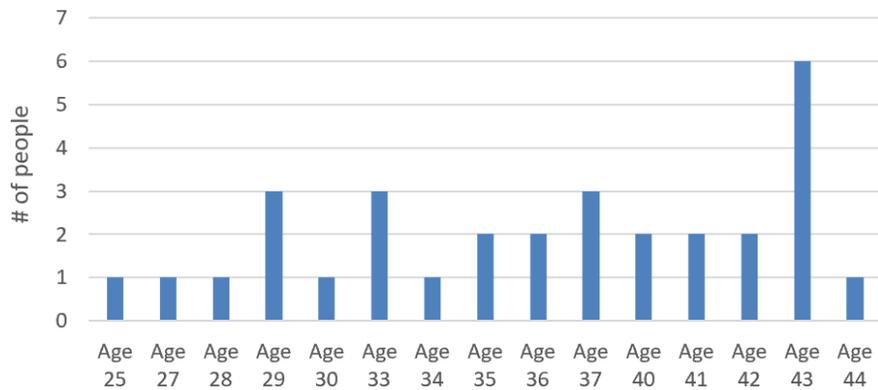
EMS data lags by a month or two, therefore the data may change slightly for the ending months of the year.



EMS: OPIOID OD BY AGE

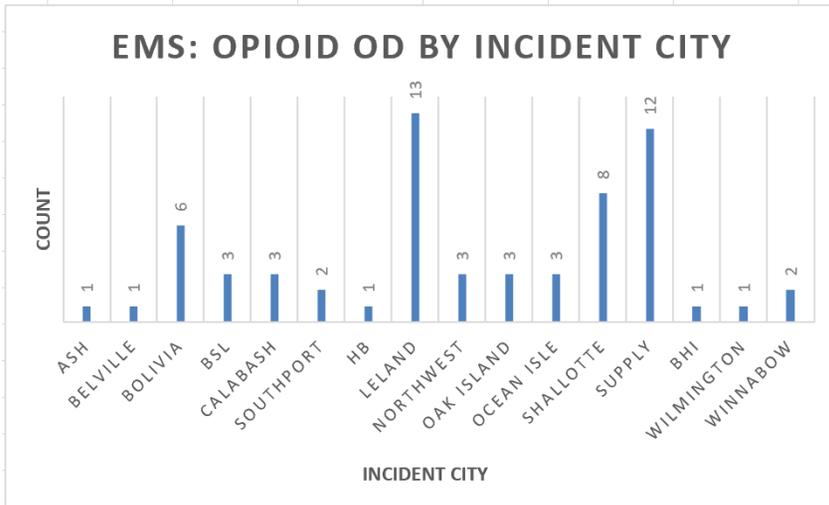


EMS-OPIOID OD BY AGE (YOUNG ADULT)



EMS: Opioid Overdose Responses by Age

Of the 62 overdoses responded to 27 (52%) were young adults (age 25-44). In the young adult age group those who were 43 years old made up 19% of that total.



Where the OD happened VS where the patient lives:

Of the 62 OD response calls, Leland, Supply, and Shallotte had the highest number. These residents resided primarily in the Leland area or outside of the County. Holden and Ocean Isle Beach areas held the next highest for the county.

