

Opioid, Narcotic, and Illicit Drug (ONID) Surveillance Utilizing Hospital Discharge Data North Dakota

House and Senate Human Services Committees
Information sessions

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Pioneer Room

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About the Database

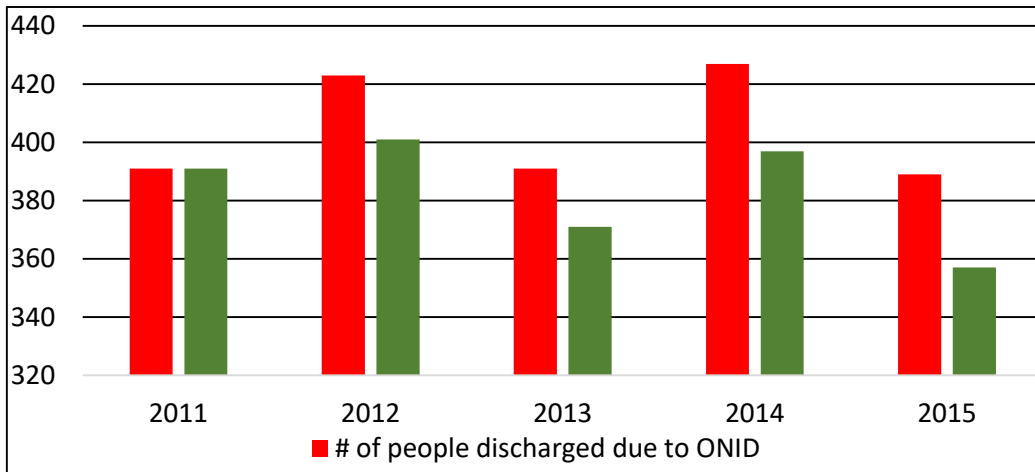
- There are a total of 339,624 discharges in our five year database
- This equals about 275,232 people
- Due to how data is reported and captured, a single person cannot be de-duplicated throughout the whole data set. There is no person identifier provided that follows a single person from hospital to hospital.
- All regional data, urban and rural data provided is based on the zip code of the resident, not the healthcare facility.

ONID patients broken down by year.

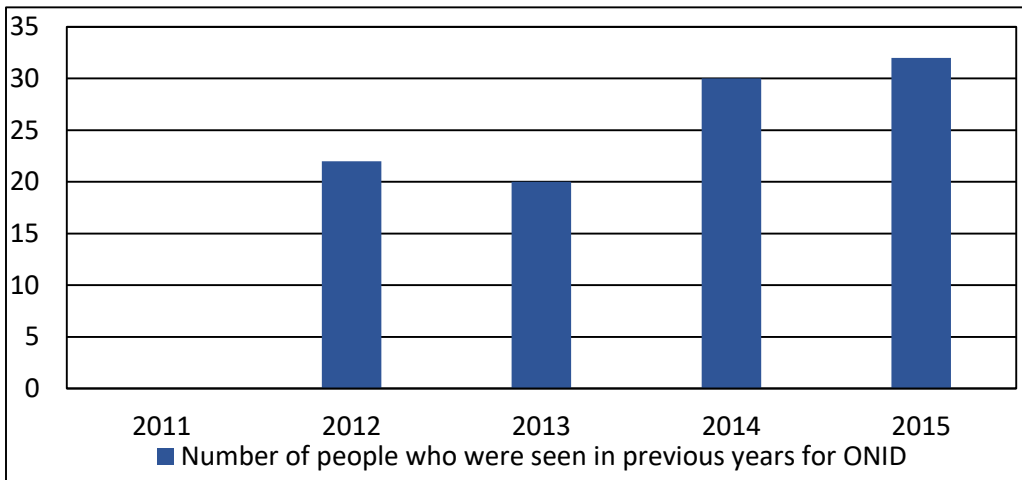
Year	# of people discharged due to ONID	Number of new people presenting each year	Number of people who were seen in previous years for ONID
2011	391	391	
2012	423	401	22
2013	391	371	20
2014	427	397	30
2015	389	357	32
Total	2021	1917	104

- Number of people discharged due to an ONID diagnosis.
- Number of **new** people presenting each year with an ONID discharge diagnosis
- Number of people discharged in the previous year(s) with an ONID similar diagnosis.

ONID patients broken down by year.



Trend of ONID diagnoses each year along with those who are new each year.



Number of people who are being discharged in multiple years for a similar ONID diagnosis. While only four years of data are available, this trend is increasing; which means that more of the same people are being admitted for ONID year after year.

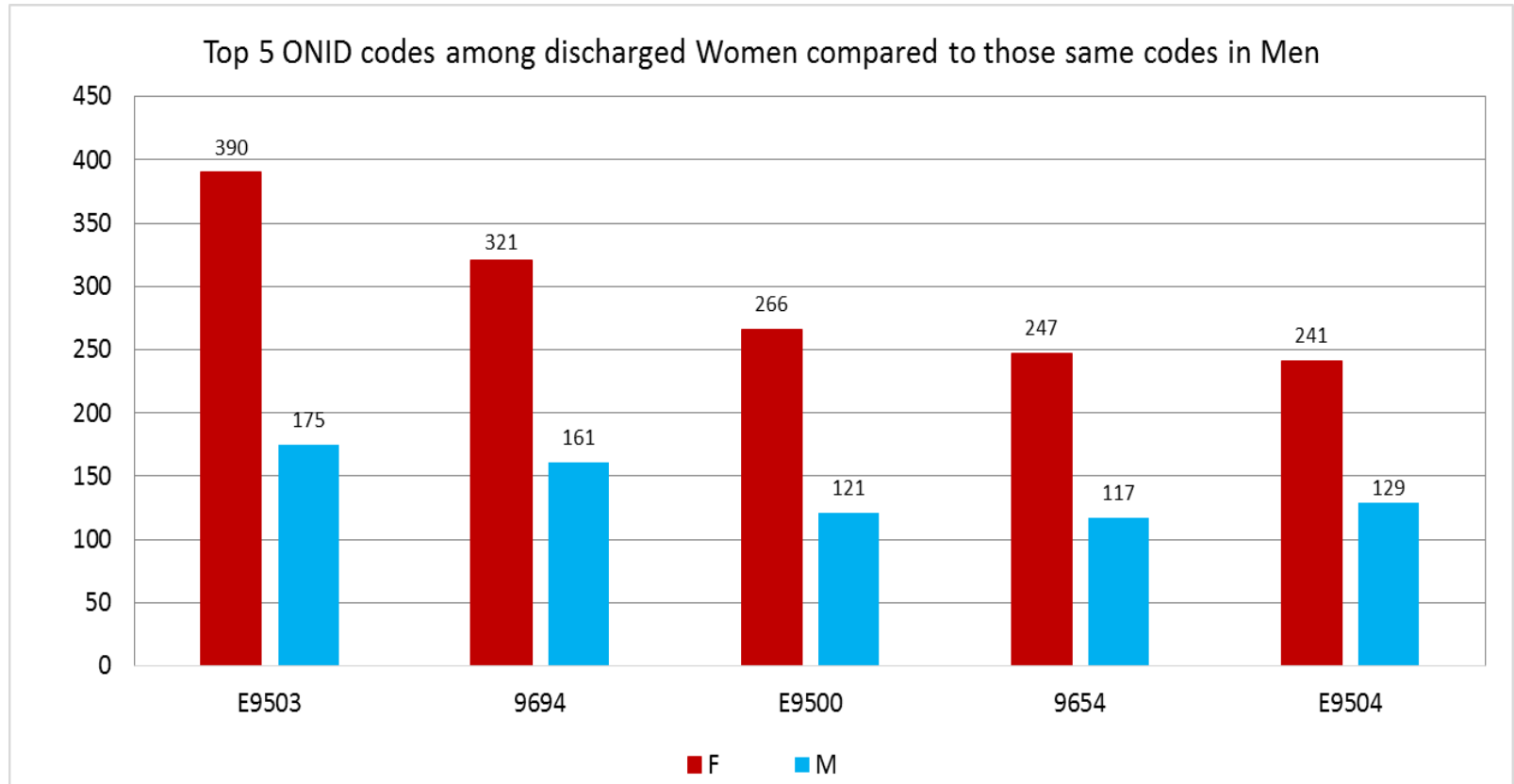
ONID patients broken out by gender

Gender	2011	2012	2013	2014	2015	Total
F	246	278	263	265	229	1281
M	145	145	128	162	160	740
Total	391	423	391	427	389	2021

ONID patients by rural or urban residency

Urban/Rural	2011	2012	2013	2014	2015	Total
Rural	125	140	144	145	125	679
Urban	266	283	247	282	264	1342
Total	391	423	391	427	389	2021

Top 5 ONID codes among discharged Women compared to those same codes in discharged Men



- E9503 – Suicide and self-inflicted poisoning by tranquilizers and other psychotropic agents
- 96964 – Poisoning by benzodiazepine-based tranquilizers
- E9500 – Suicide and self-inflicted poisonings by analgesics, antipyretics, and antirheumatics
- 9654 – Poisoning by aromatic analgesics, not elsewhere classified
- E9504 – Suicide and self-inflicted poisoning by other specified drugs and medicinal substances

Acknowledgements

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Questions?