

Plymouth County Outreach: Data & Evaluation

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PCO Database Overview

- ▶ The PCO database is a **critical incident management system** created in an effort to bring a unified system of overdose **incident documentation** and **systematic follow-up** among **all 27 LE agencies** in Plymouth County, Massachusetts.
- ▶ Program model and database was piloted in 12 communities from January – March, 2017;
 - ▶ Develop **program business process**;
 - ▶ Develop **data collection standards**;
- ▶ Program model and database was implemented Countywide in April 2017

PCO Database Overview


► Four Core Goals:

- Develop countywide ***Incident Management System*** which allows participating agencies to ***document overdose events in real time***
- Manage and document ***incident follow-ups*** to better help SUD's get access to services
- ***Share information*** across communities, including an ***incident notification system***
- Develop ***real time reporting tools***

Sample Screen Shot:

FileMaker Pro - [PCO (FM79)]

File Edit View Insert Format Records Scripts Window Help

 **Plymouth County Critical Incidents** [New Incident](#)

Critical Incident Report **Incident listing**


Incident Date Name of SUD Referral Type Incident Town SUD Town Submitter Name Followup Date [Filter](#) [All](#)

Incident Date	SUD/Participant Name	Referral Type	Incident Town	Resident Town	Submitter Name	Followup Status	Warranted	Intended
11/28/2017		Non-Fatal OD Event	East Bridgewater	East Bridgewater, MA	Patterson, William	FollowUp Not Warranted	No	No
11/27/2017		Non-Fatal OD Event	Carver	Carver, MA	Duphily, Marc	FollowUp Not Warranted	No	No
11/26/2017		Non-Fatal OD Event	Whitman	Whitman, MA	Connolly, Daniel	FollowUp PENDING	Pending	Pending
11/26/2017		Non-Fatal OD Event	Plymouth	Plymouth, MA	Shift Commander,	Last Done 11/28/2017	Yes	Yes
11/26/2017		Non-Fatal OD Event	Bridgewater	Bridgewater, MA	Dees, Kris	Last Done 11/29/2017	Yes	Yes
11/25/2017		Non-Fatal OD Event	Bridgewater	Bridgewater, MA	Hile, Scott	FollowUp Not Warranted	No	No
11/25/2017		Fatal OD Event	Plymouth	Plymouth, MA	Shift Commander,	FollowUp Not Warranted	No	No
11/24/2017		Non-Fatal OD Event	Plymouth	Plymouth, MA	Shift Commander,	FollowUp Not Warranted	No	No
11/24/2017		Non-Fatal OD Event	Pembroke	, MA	Lapierre, Wendy	Followup Due	Yes	Yes
11/23/2017		Non-Fatal OD Event	Rockland	Rockland, MA	McDonald, Brian	Followup Due	Yes	Yes
11/23/2017		At-Risk Referral:	Mattapoisett	Pocasset, MA	King, Jason	FollowUp Not Warranted	No	No
11/23/2017		Non-Fatal OD Event	Brockton	Brockton, MA	Patterson, William	FollowUp Not Warranted	No	No
11/23/2017		Non-Fatal OD Event	Brockton	Rockland, MA	Patterson, William	FollowUp Not Warranted	No	No
11/23/2017		Non-Fatal OD Event	Brockton	Brockton, MA	Patterson, William	FollowUp Not Warranted	No	No
11/23/2017		Non-Fatal OD Event	Brockton	Bridgewater, MA	Patterson, William	FollowUp Not Warranted	No	No
11/22/2017		Non-Fatal OD Event	Plymouth	Plymouth, MA	Shift Commander,	Last Done 11/22/2017	Yes	Yes
11/22/2017		Non-Fatal OD Event	East Bridgewater	East Bridgewater, MA	Patterson, William	FollowUp Not Warranted	No	No
11/22/2017		Non-Fatal OD Event	Brockton	Abington, MA	Patterson, William	FollowUp PENDING	Yes	Pending
11/21/2017		Fatal OD Event	Plymouth	Plymouth, MA	Shift Commander,	FollowUp Not Warranted	No	No

Follow up coding:

- Not Warranted
- Follow up Completed
- Follow up 1 - 2 days overdue
- Follow up 3- 6 days overdue
- Follow up more than 7 days overdue

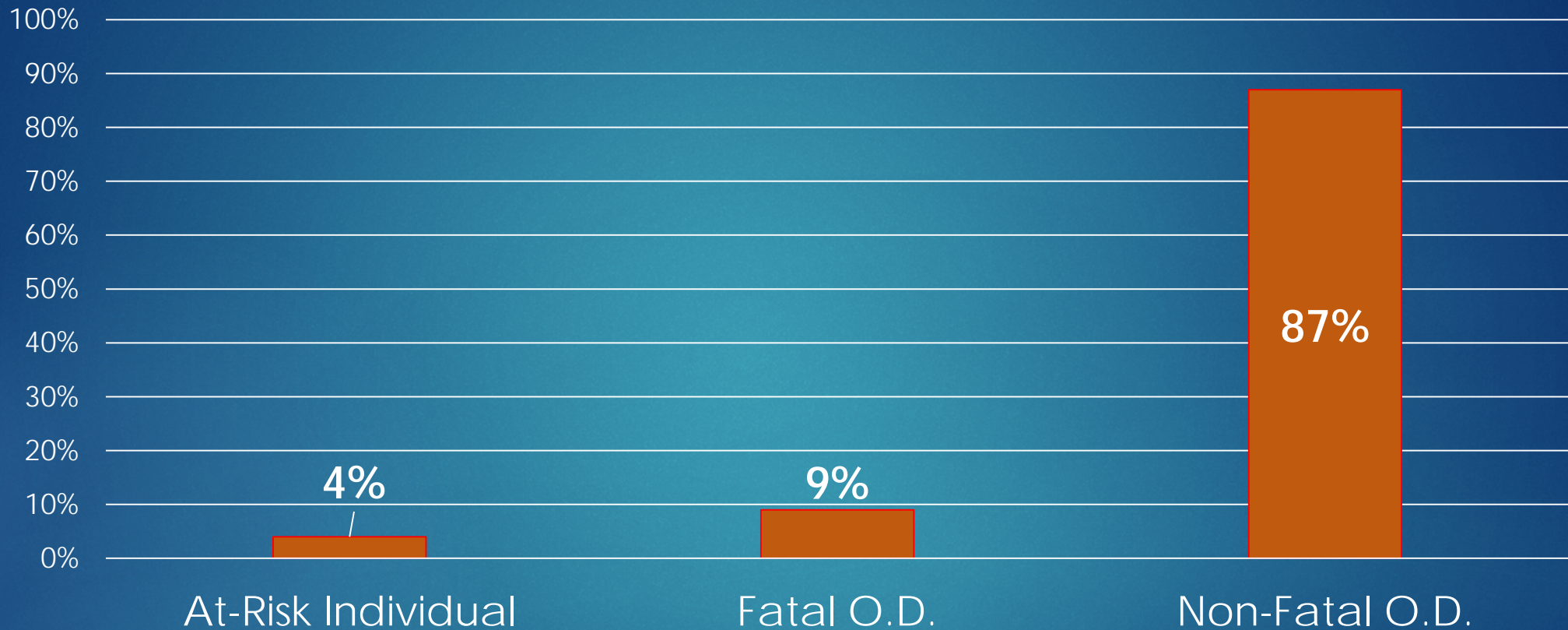
100 Browse



Preliminary Data

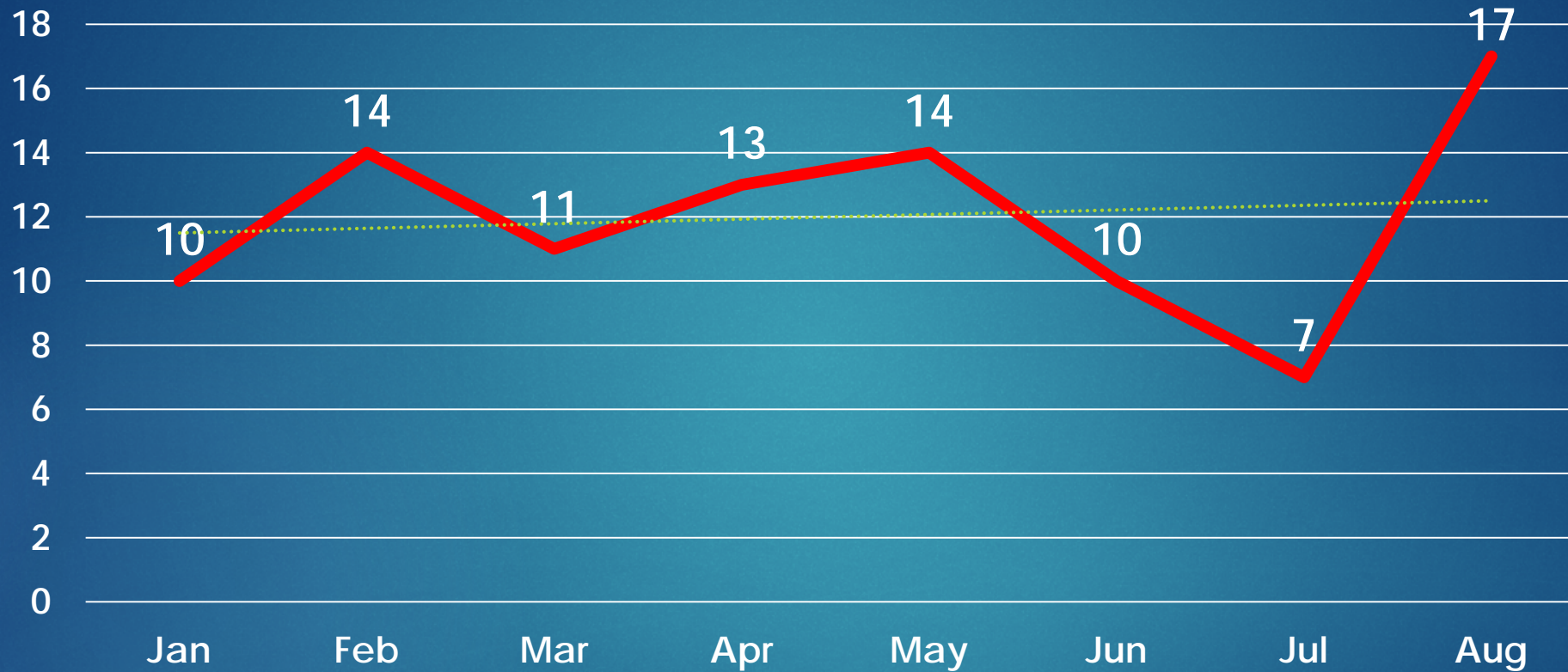
1/1/17 – 8/31/17

Jan – Aug 2017 – Type of Incident



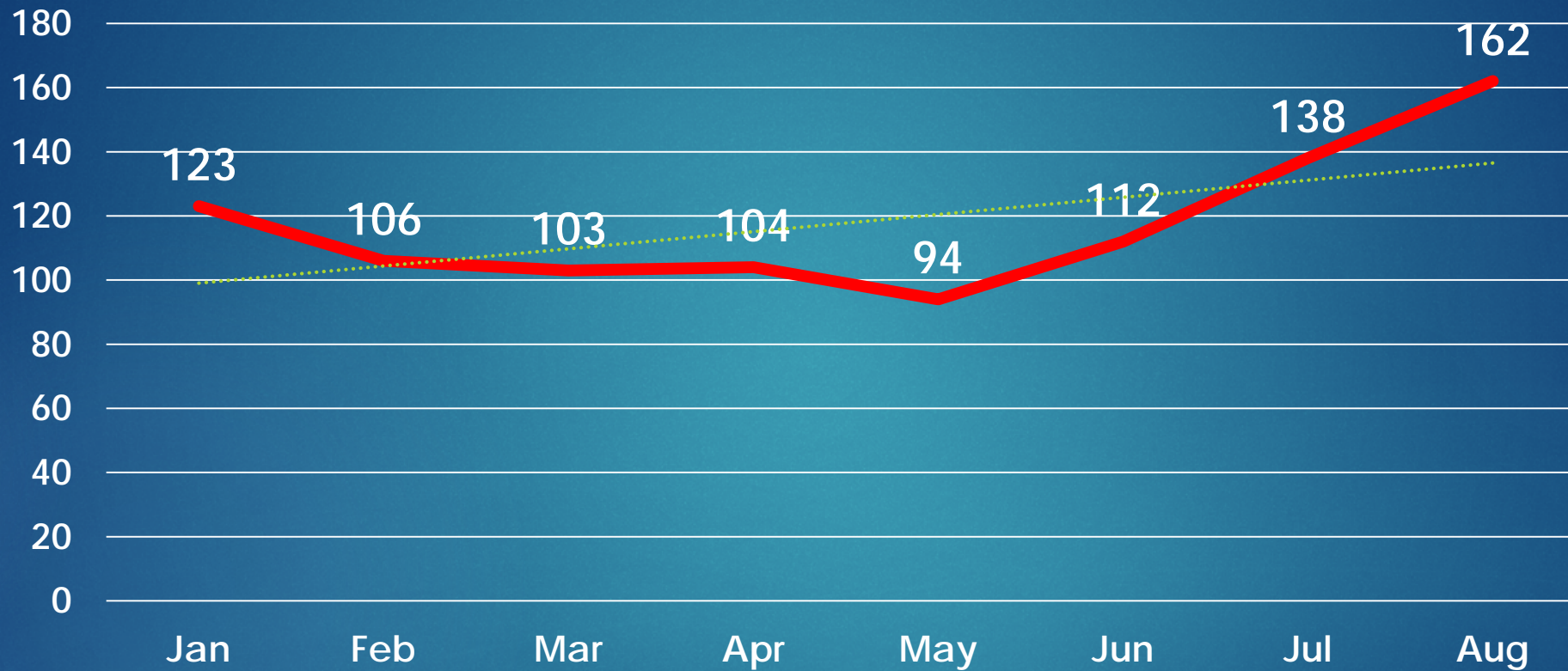
There were a total of 1,084 incidents recorded in the county between 1/1/17 and 8/31/17: 96 (9%) were fatal; 942 (87%) were non-fatal; and 46 (4%) were categorized as “at-risk” individuals.

Jan – Aug 2017: Fatal Trends



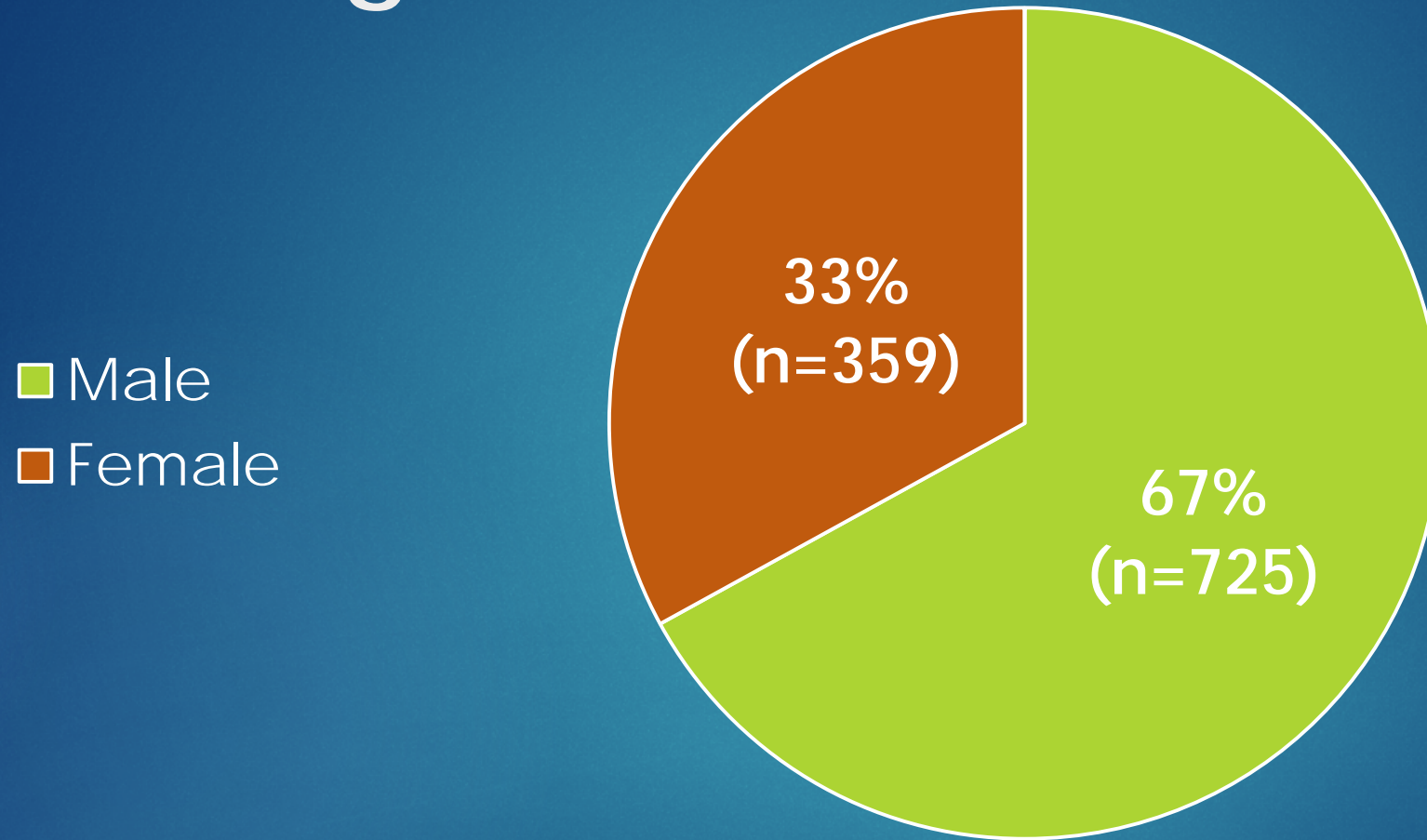
There has been on average 12 fatal ODs per month in 2017. There was a 70% increase in fatal ODs between January and August with a sharp 143% increase in fatal ODs between July and August.

Jan – Aug 2017: Non-Fatal Trends



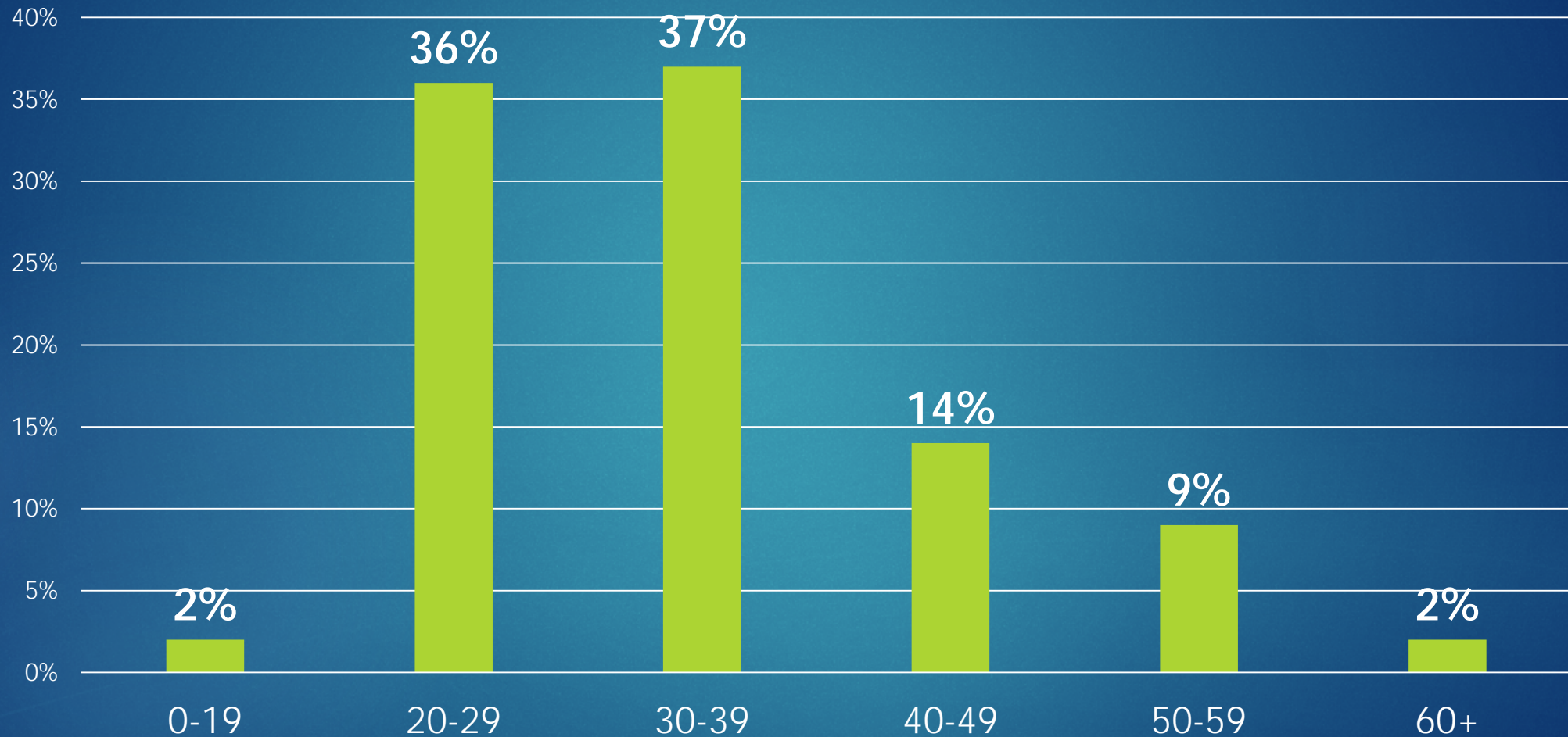
There has been on average 118 non-fatal ODs per month in 2017. There was a 32% increase in non-fatal ODs between January and August with a 17% increase in non-fatal ODs between July and August.

Jan – Aug 2017: SUD's Gender



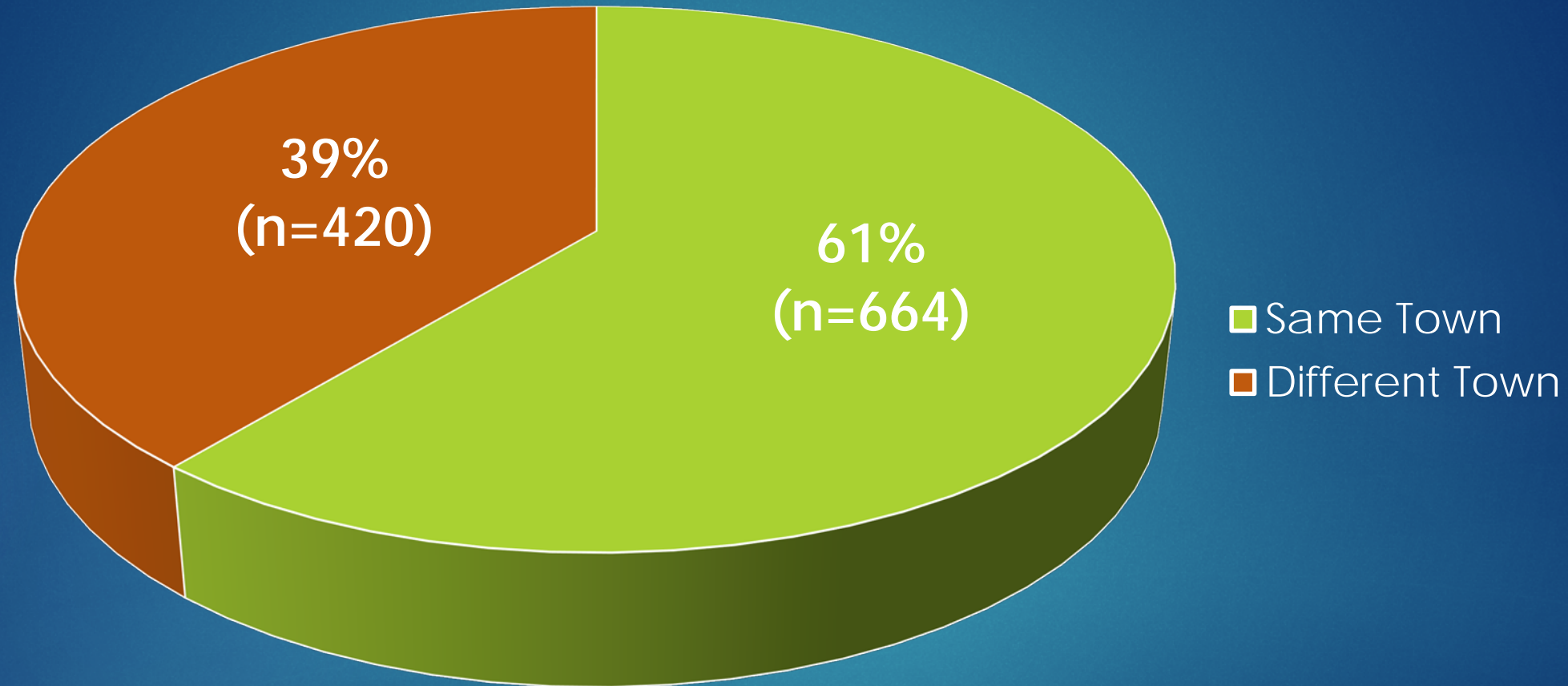
The majority of SUDs involved in the O.D. incidents were male, 67% (725) and 33% (359) were female. Of the 94 **fatal** overdoses in 2017, 75 **(80%)** involved males and 19 **(20%)** involved females.

Jan – Aug 2017: SUDs Age Range



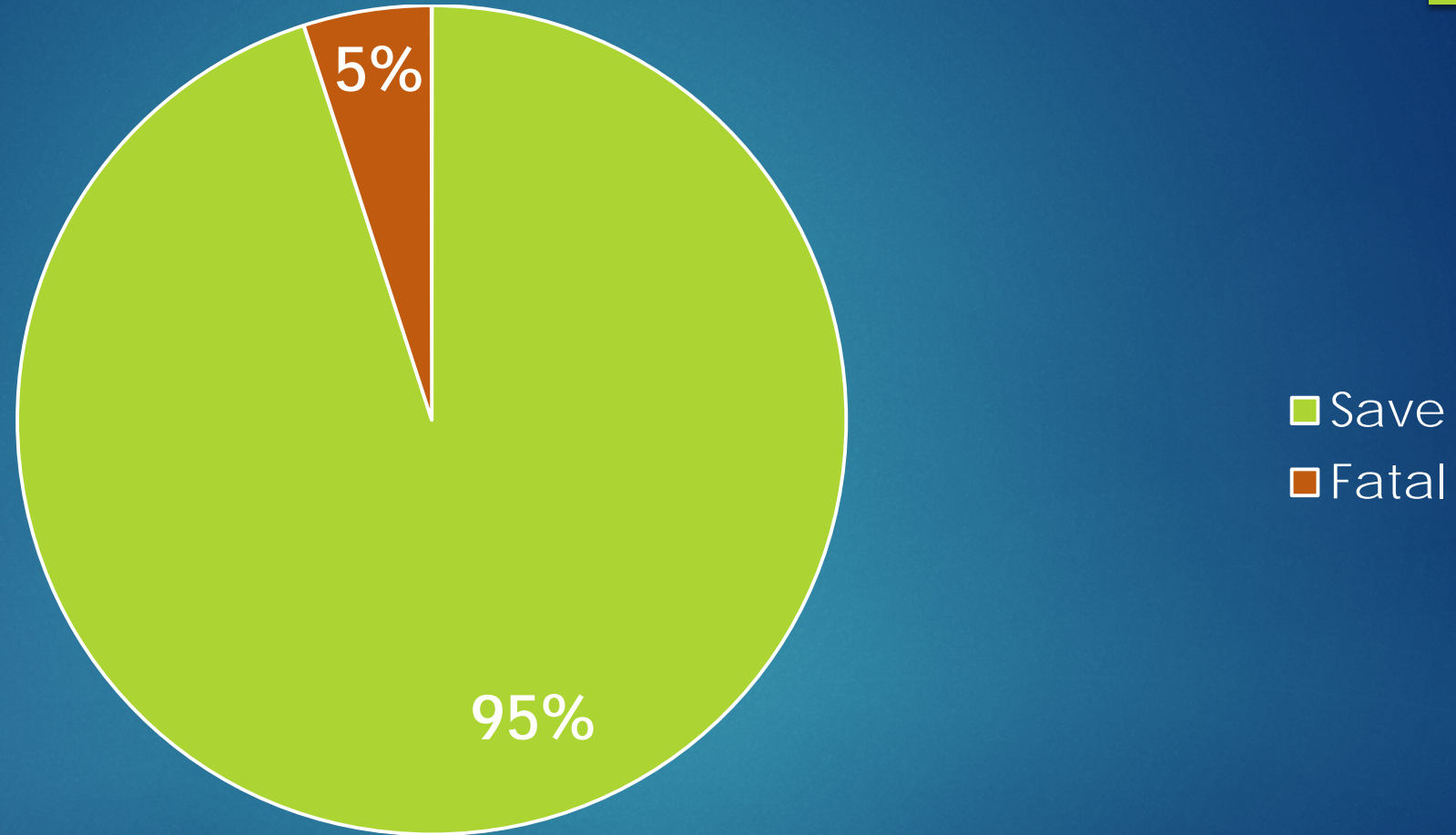
Seventy-three percent (787) of the SUDs were between the ages of 20 and 39. The youngest SUDs was 14 years old and the oldest was 79.

Jan – Aug 2017: Incident vs. SUD Resident Town



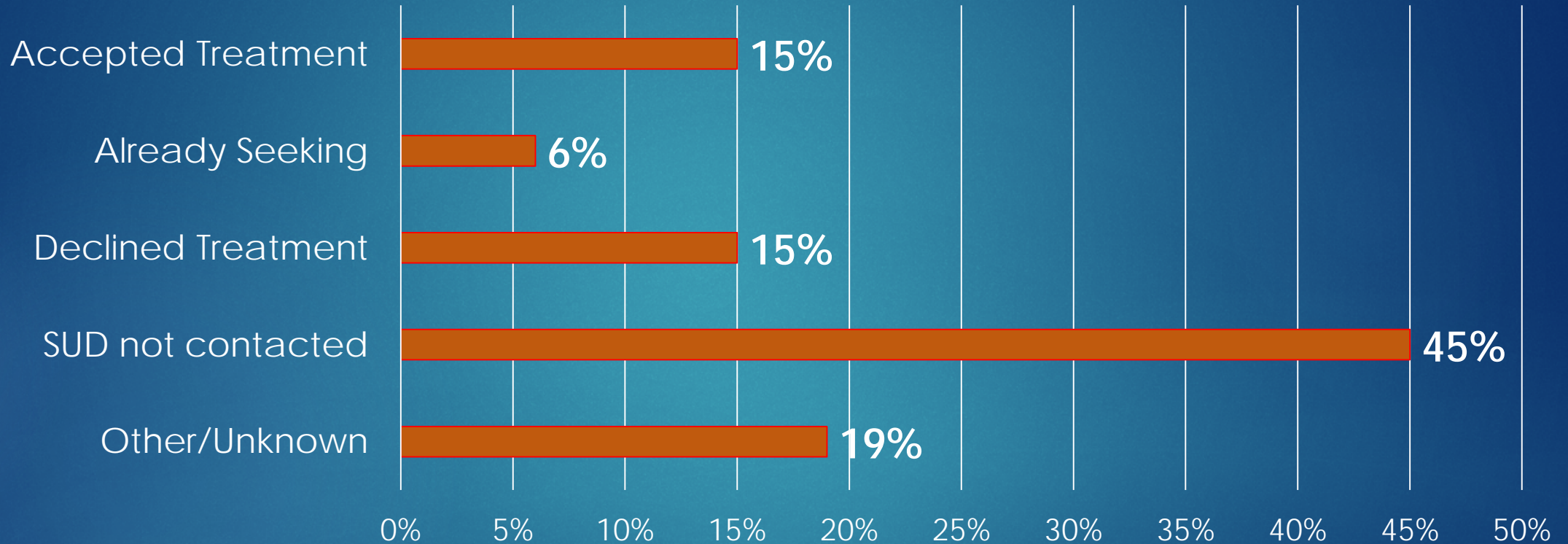
In 664 incidents (61%), the SUD resided in same town that the incident occurred. However, in 420 (39%) incidents the SUD was from a different town that the incident occurred in (including any homeless).

Jan – Aug 2017: Naloxone “Saves”



Naloxone was administered in **643 (60%)** of the reported incidents. Ninety-five percent (608) of these events were non-fatal, while 5% (35) of these overdoses resulted in a fatality.

Jan – Aug 2017 – Follow-Up Outcomes (n=452 home visits)



There were a total of **452 follow-up visits** completed to 399 (**37%** of all reported incidents) different homes. Seventy SUDs accepted treatment from the Outreach Team at the time of this visit.