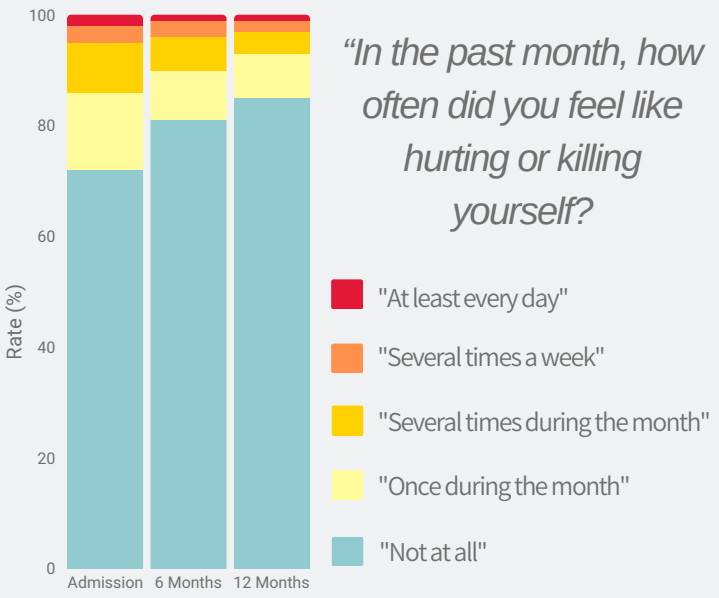
CONNECTION LEARNING HEALTH SYSTEMS
HUB-WIDE DATA SNAPSHOT
EPINET: ANALYSIS OF SUICIDE OUTCOMES

The Connection Learning Health System Hub is a network of treatment programs that specializes in treating people who are experiencing early psychosis. The network consists of 24 programs across the states of Maryland and Pennsylvania. In this data snapshot, we document rates of suicidality for participants at baseline as they enter the program, and at 6-month and 12-month follow-up assessments. Clinician-reported suicidality was available for 1068 participants, and self-reported suicide ideation (SI) was available for 468 participants.

People experiencing early psychosis often experience suicidal thoughts, and some have attempted suicide. We find that rates of suicidality among people entering the program are high, but that these rates decrease substantially during treatment.

Self-Reported Suicide Ideation (SI)

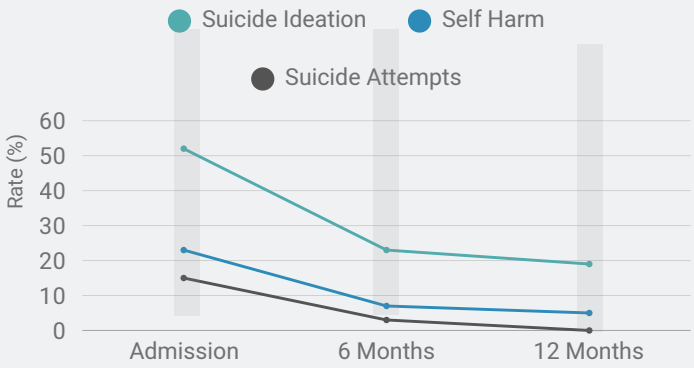


This figure shows self-reported past-month frequency of suicidal thoughts for participants at each timepoint. The redder colors indicate a higher frequency of suicidal thoughts. From this figure it can be seen that the frequency of suicidal thoughts decreases over time.

Longitudinal Change of Rate of Suicide Ideation, Self-Harm, and Suicide Attempts

At each timepoint, clinicians assessed and reported rates of suicide ideation, self-harm, and suicide attempts over the previous six months. Participants report high rates of suicidality before entering treatment. Rates of suicidality are progressively lower among participants completing the 6-month and 12-month assessments.

Timepoint	Suicide Ideation (in the last 6 months)	Self Harm (in the last 6 months)	Suicide Attempt (in the last 6 months)
Admission	52%	23%	10%
6 Months	23%	7%	2%
12 Months	19%	5%	0%



Note that the number of participants in treatment changed over time and missing data was common, so the sample size changed over time. At baseline, we had 786 clinician reports and 321 self-reports, at 6-months we had 703 clinician reports and 214 self-reports, and at 12-months we had 526 clinician reports and 155 self-reports.