

MEASURING HOMELESSNESS

Tenure, Characteristics and Movement of Clients at the Human Services
Campus

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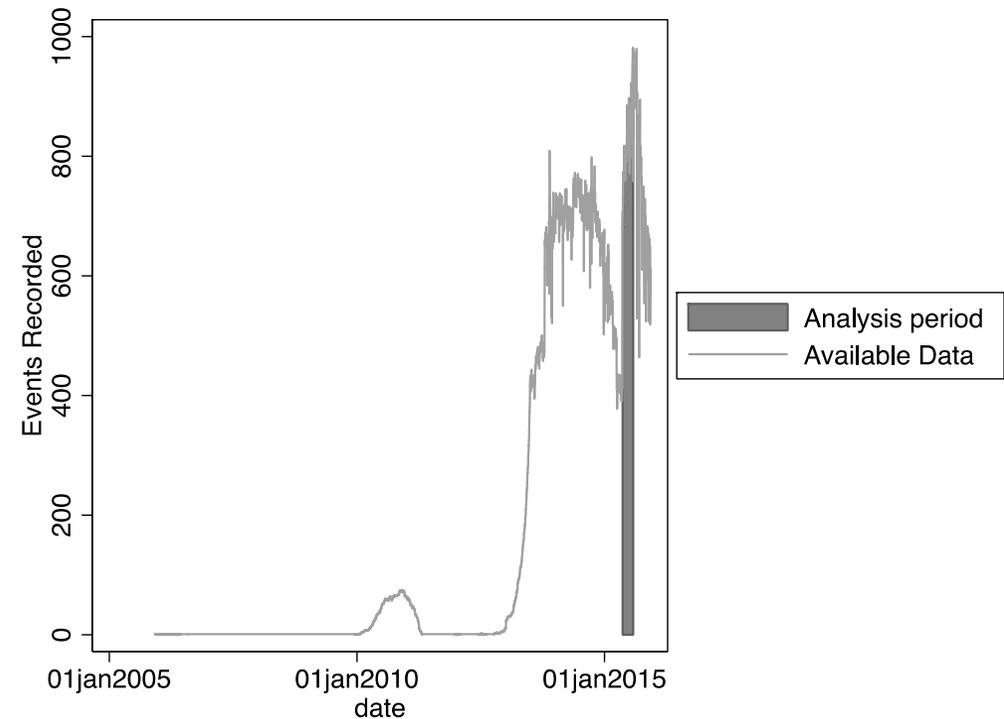
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Introduction

- Funders Collaborative is a crucial source of support for the Phoenix Homeless
- However, the solution is temporary
- The Collaborative needs better information (data) to make long term decisions
- This report represents an analysis of an HMIS data extract; and an evaluation of its validity.

Data

- The HMIS data covered shelter events from February 2005 to September 2015
- The Funders Collaborative directed Morrison to focus on events after May 15, 2015
- The analysis period is May 15, 2015 through July 31, 2015



Data

HMIS Data

Client ID	Provider ID	Provider Program Type Code	Entry Date	Exit Date
338	SVDP Emergency Shelter (LDRC)(40930)	Emergency Shelter (HUD)	8/11/2015	8/12/2015
343	Welcome Center (HSC)(39975)	Coordinated Assessment (HUD)	3/3/2015	3/3/2015
362	CASS Single Adult Shelter(14681)	Emergency Shelter (HUD)	5/13/2014	5/17/2014
362	Welcome Center (HSC)(39975)	Coordinated Assessment (HUD)	5/13/2014	5/13/2014
363	LDRC Emergency Shelter(40929)	Emergency Shelter (HUD)	7/7/2015	7/8/2015
363	LDRC Emergency Shelter(40929)	Emergency Shelter (HUD)	7/12/2015	7/13/2015

Event-Person Database

id	provider	services	date	event
338	SVDP Emergency Shelter	Emergency Shelter	11aug2015	1
338	SVDP Emergency Shelter	Emergency Shelter	12aug2015	1
343	Welcome Center	Coordinated Assessment	03mar2015	1
362	Welcome Center	Coordinated Assessment	13may2014	1
362	CASS Single Adult Shelter	Emergency Shelter	13may2014	1
362	CASS Single Adult Shelter	Emergency Shelter	14may2014	1
362	CASS Single Adult Shelter	Emergency Shelter	15may2014	1
362	CASS Single Adult Shelter	Emergency Shelter	16may2014	1
362	CASS Single Adult Shelter	Emergency Shelter	17may2014	1
363	Welcome Center	Coordinated Assessment	06jul2015	1
363	LDRC Emergency Shelter	Emergency Shelter	07jul2015	1
363	LDRC Emergency Shelter	Emergency Shelter	08jul2015	1
363	LDRC Emergency Shelter	Emergency Shelter	12jul2015	1
363	LDRC Emergency Shelter	Emergency Shelter	13jul2015	1
363	LDRC Emergency Shelter	Emergency Shelter	14jul2015	1
363	LDRC Emergency Shelter	Emergency Shelter	17jul2015	1
363	LDRC Emergency Shelter	Emergency Shelter	18jul2015	1

Methods

- Key Variables

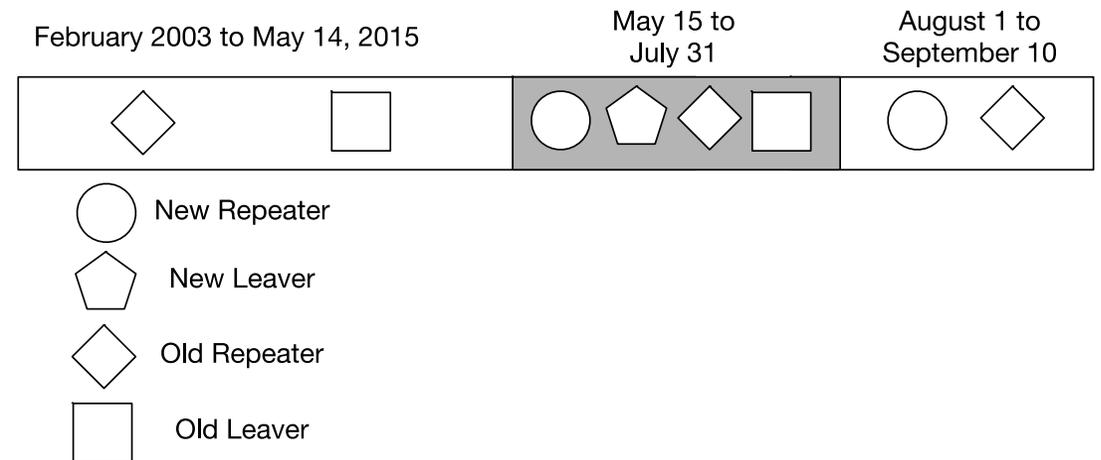
- Campus Use Pattern

- New repeater
 - Old repeater
 - New leaver
 - Old leaver

- VI-SPDAT Scores

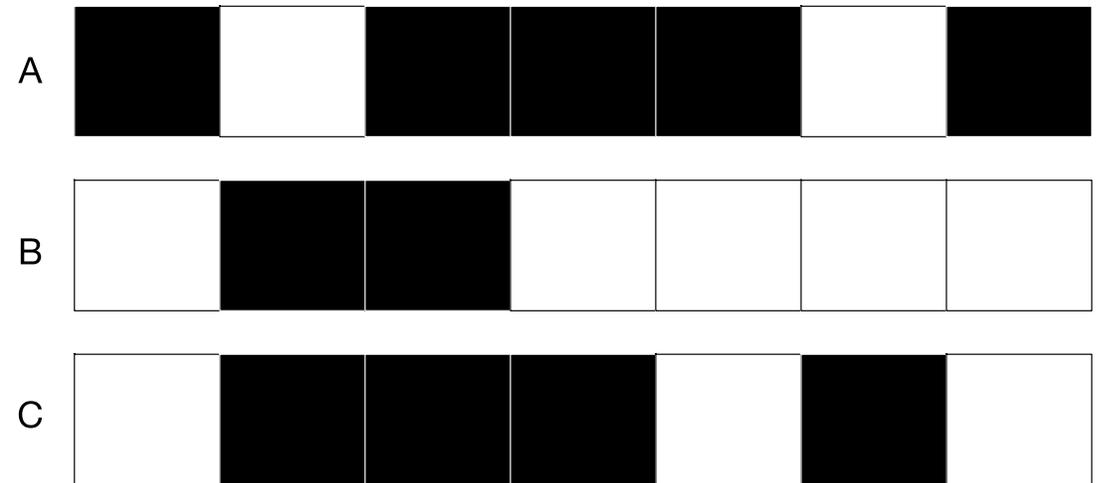
- Age

- Race/Ethnicity



Methods

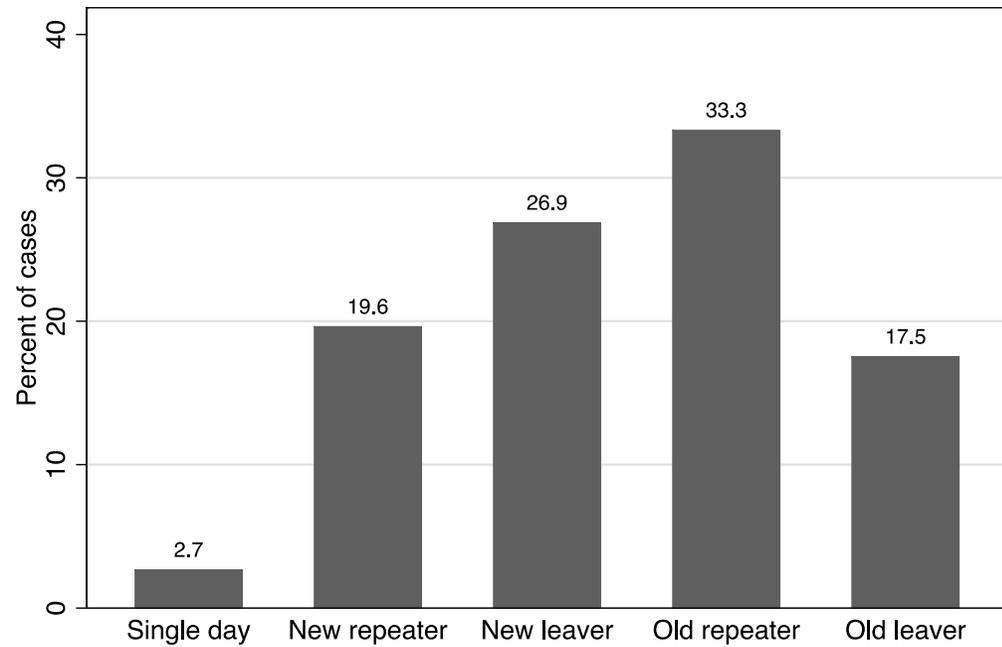
- Other metrics
 - Total nights on Campus during analysis period
 - Percent of time on campus



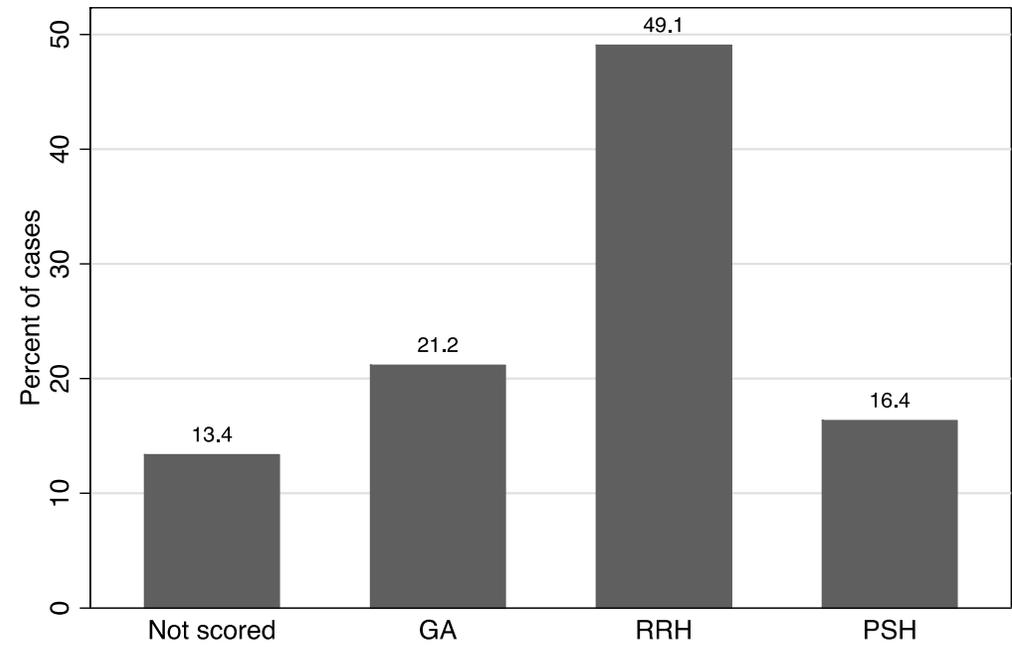
Data

- The CASS team also questions the validity of the data presented.
- The Watkins data proved unreliable in the HMIS system. Thus, they are excluded.
- Both CASS and Watkins providers also keep their own records that disagree with HMIS

Results

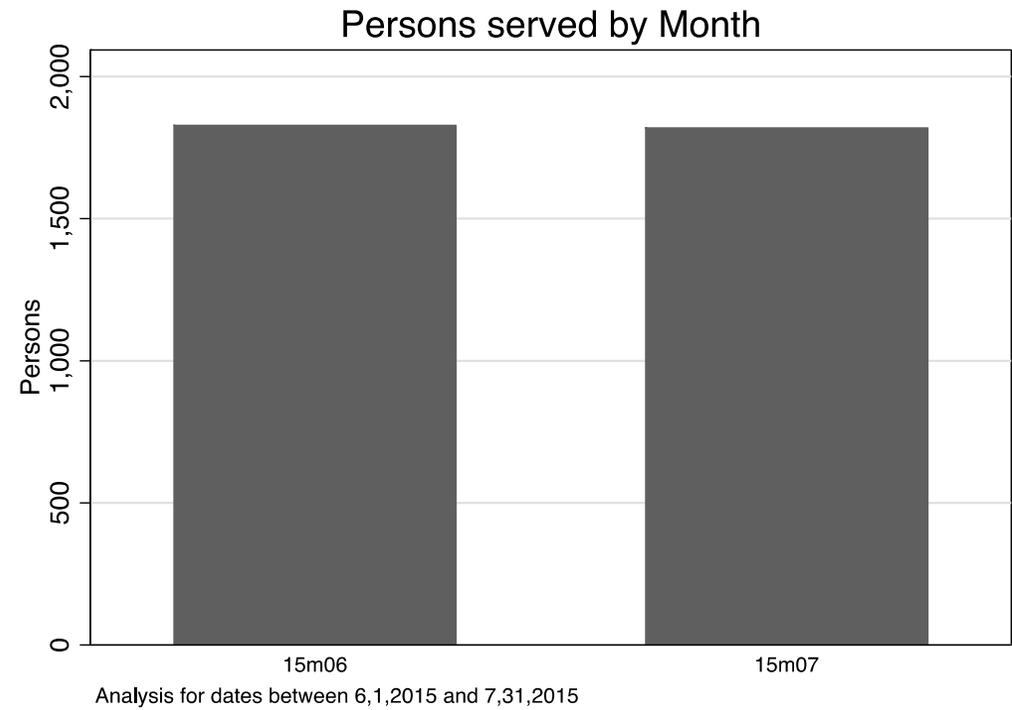
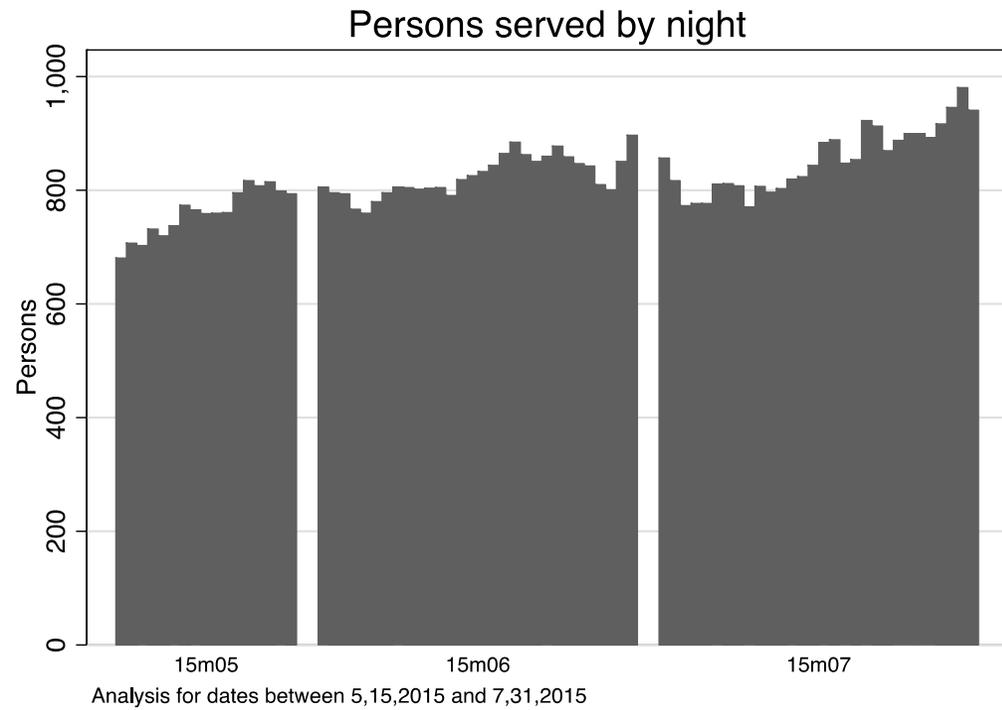


Pattern distribution for dates between 5,15,2015 and 7,31,2015
N = 2818.

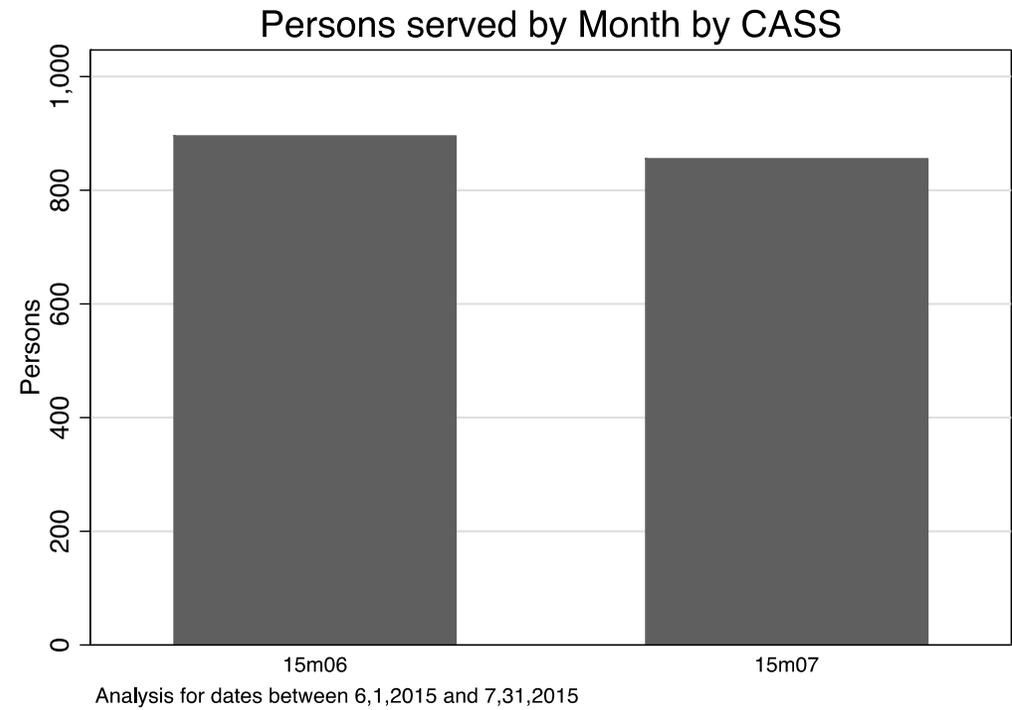
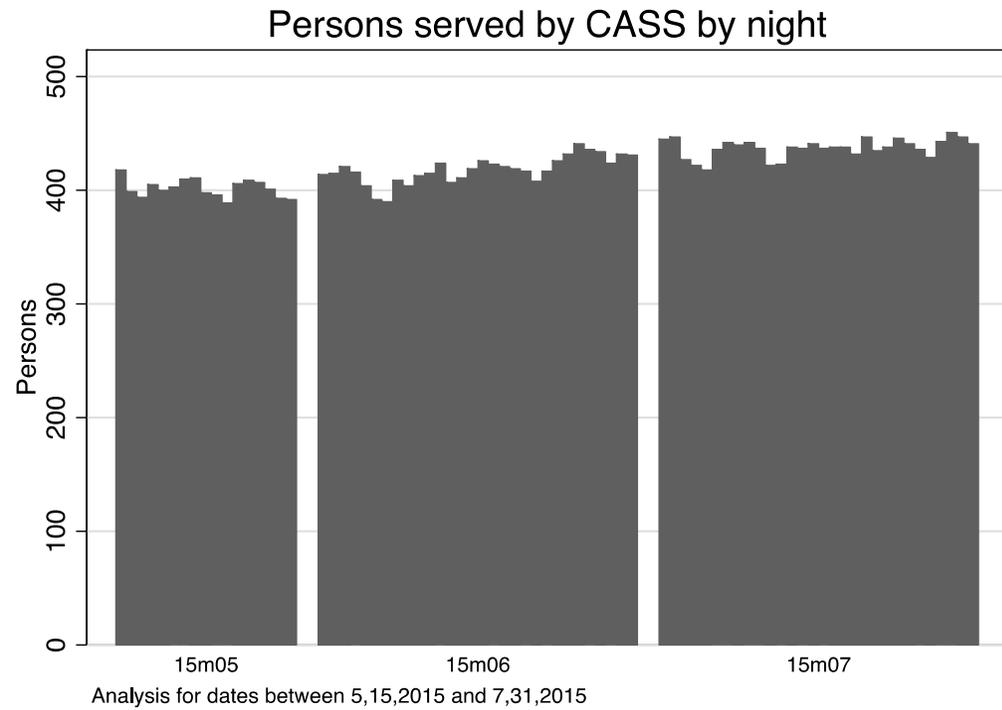


VI SPDAT distribution for dates between 5,15,2015 and 7,31,2015
N = 2818.

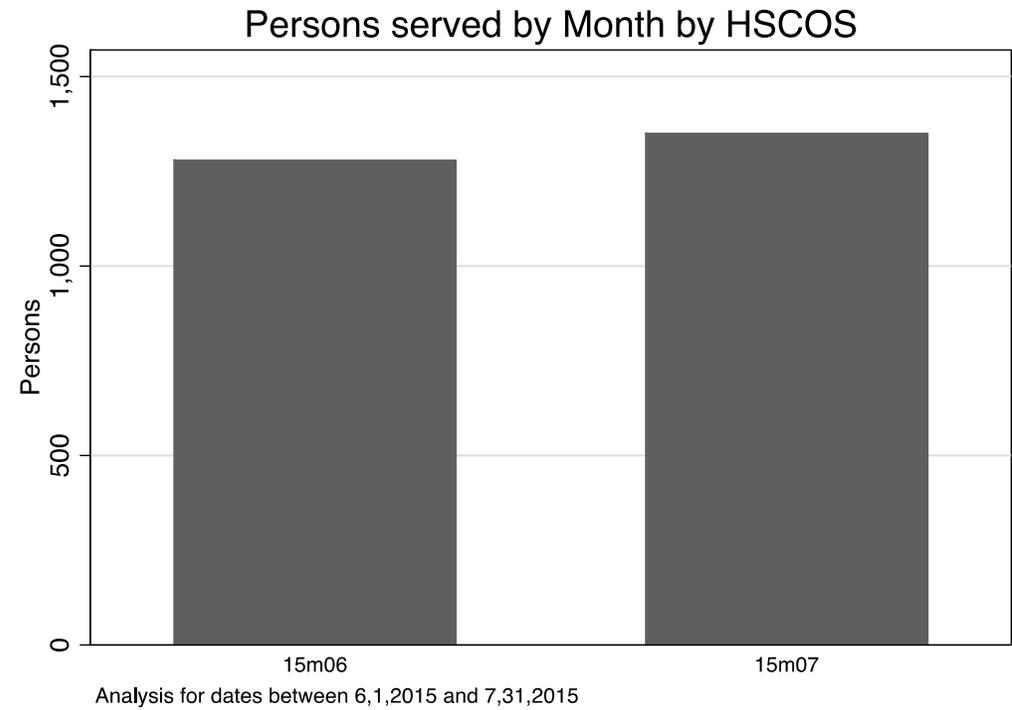
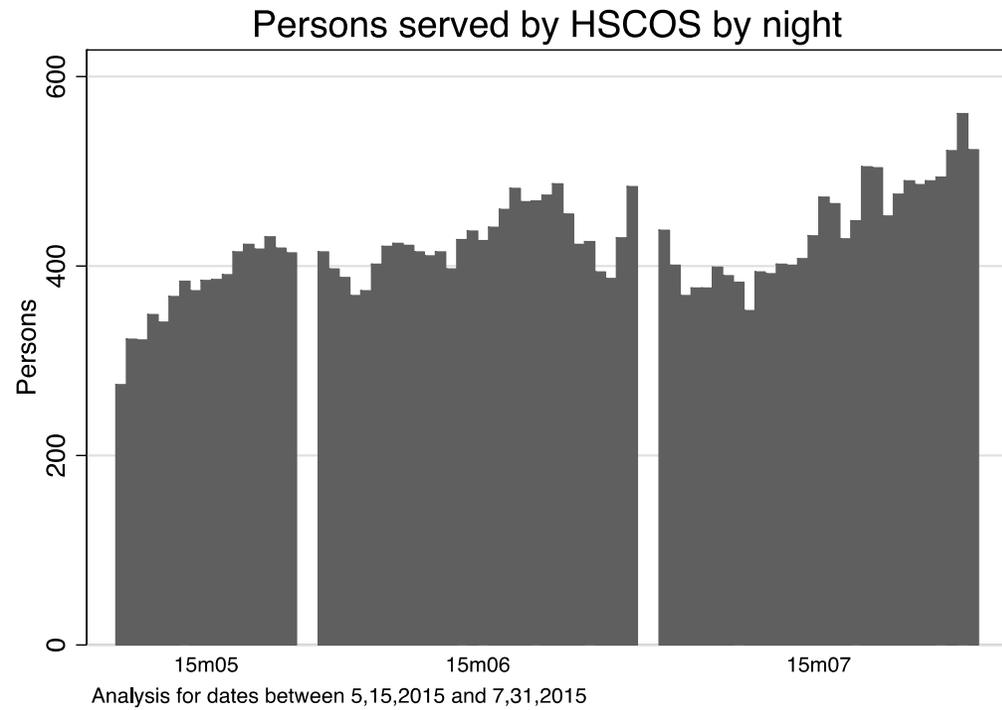
Results



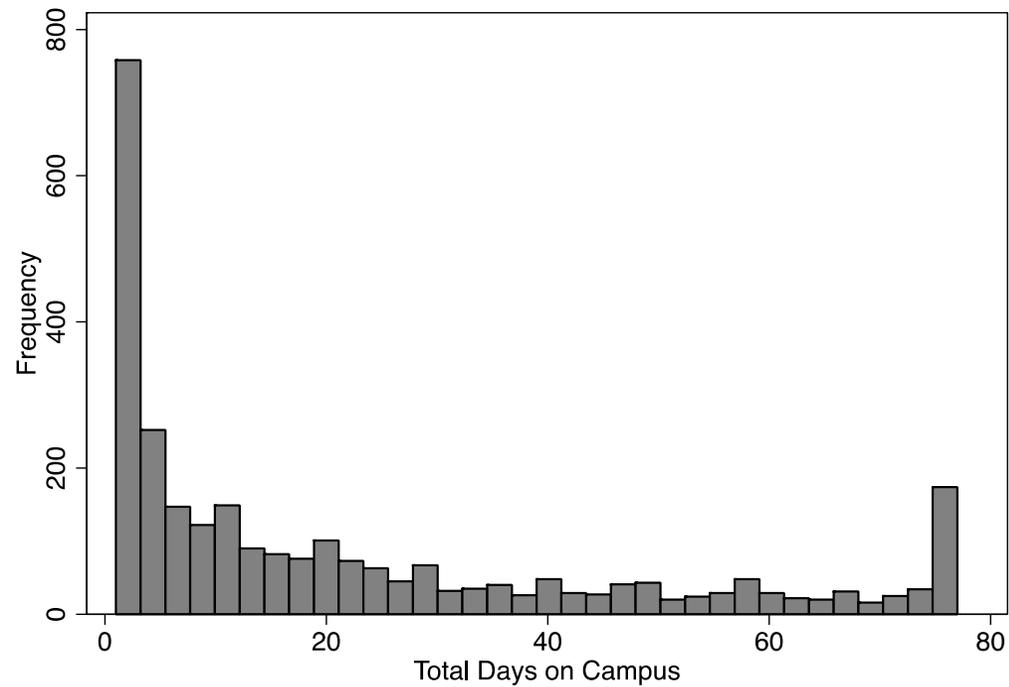
CASS



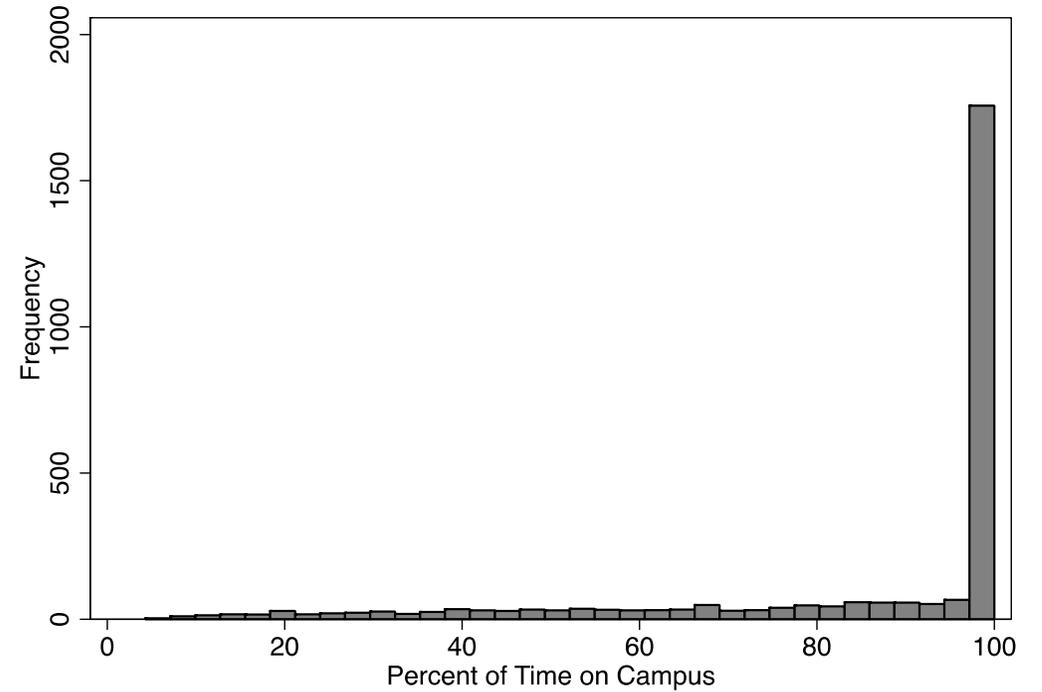
HCSOS



Results

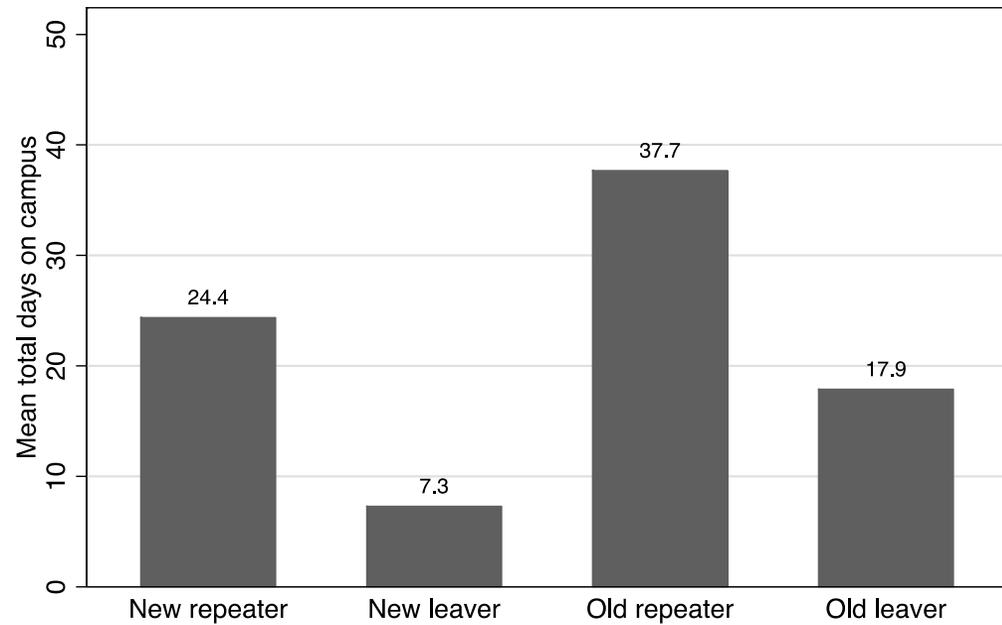


Distribution for dates between 5,15,2015 and 7,31,2015

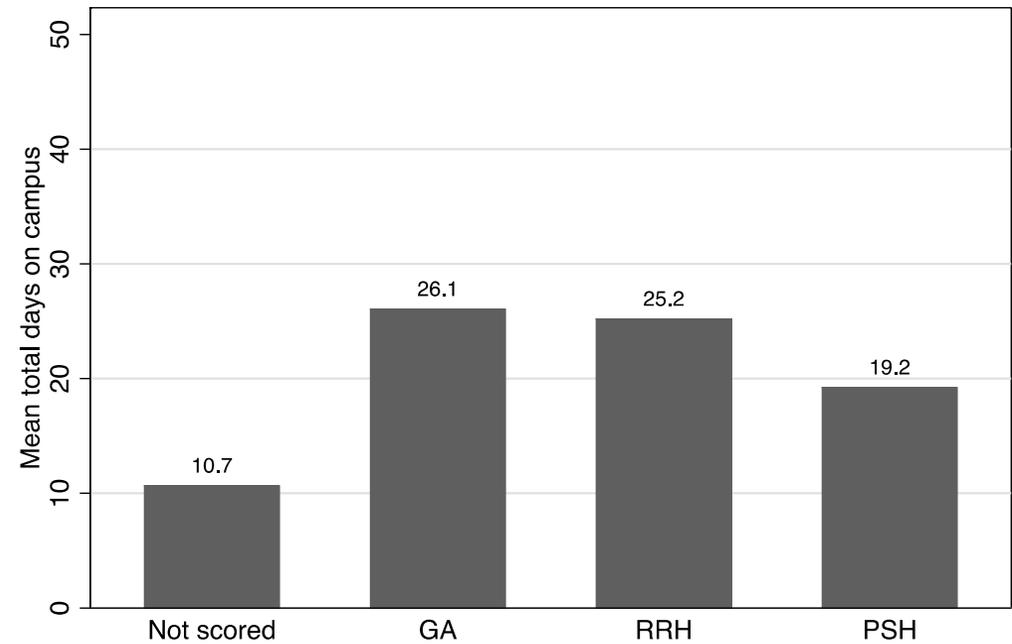


Distribution for dates between 5,15,2015 and 7,31,2015

Results



Pattern for dates between 5,15,2015 and 7,31,2015
Excludes clients on campus for a single day
N = 2743. $F(3,2739) = 313.669$, $p = 0.000$



Analysis for dates between 5,15,2015 and 7,31,2015
N = 2818. $F(3,2814) = 46.055$, $p = 0.000$

Recommendations

External Validation Study

- Construct event-history tables for clients through interviews to compare with HMIS data
- Audit data points along the path through the system
 - Watch people enter the data
- Record differences between HMIS and other provider data systems

Increase Data Collection Points

- Allow law enforcement and emergency psychiatric service providers to record client interactions
 - Use of ID system

Recommendations

Full study of Entire Provider Data System

- Current work is restricted to campus entries
- Provide full dump of all HMIS data
- Extremely costly

Hire data analyst

- Possibly housed in CI&R
- Quick response time for data queries
- Models include justice analysts and education data analysts for policy makers