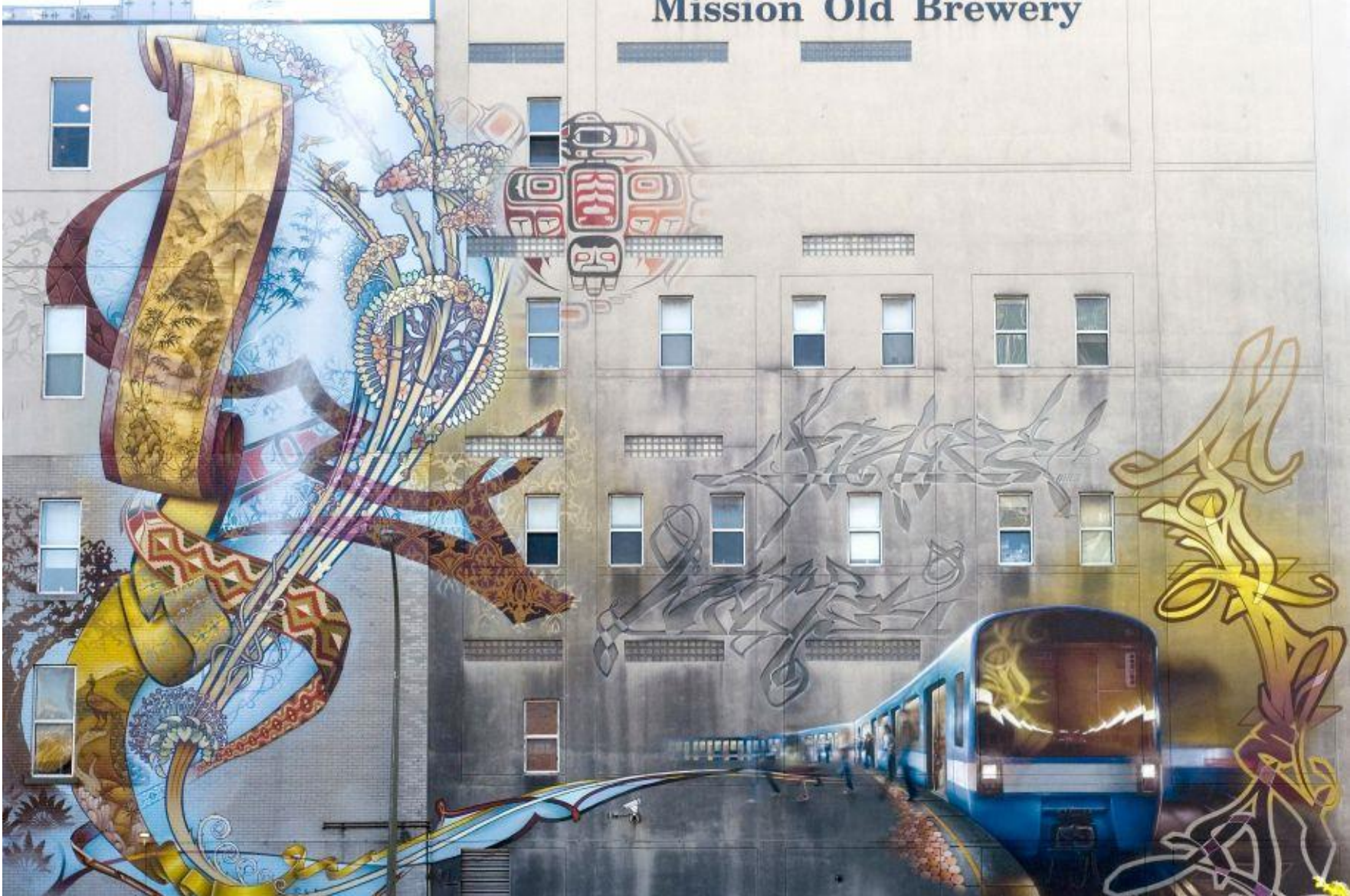


# USING DATA TO REDUCE HOMELESSNESS





Mission Old Brewery



OLD MODEL



Photo courtesy of: David





NEW MODEL

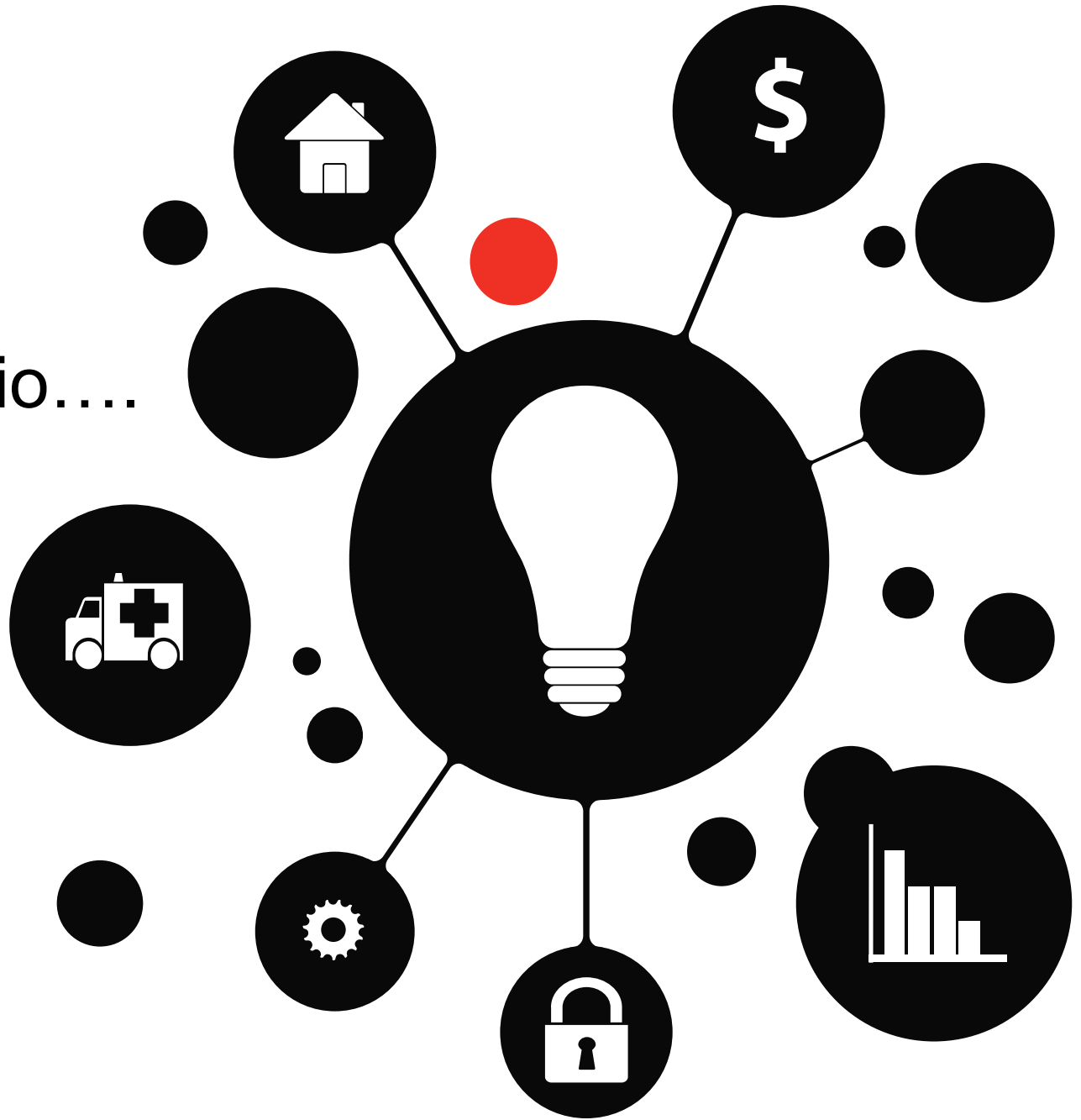




## HIFIS 3.8

Homeless Individuals and Families Information System

A scenario....



What do shelter users  
want?



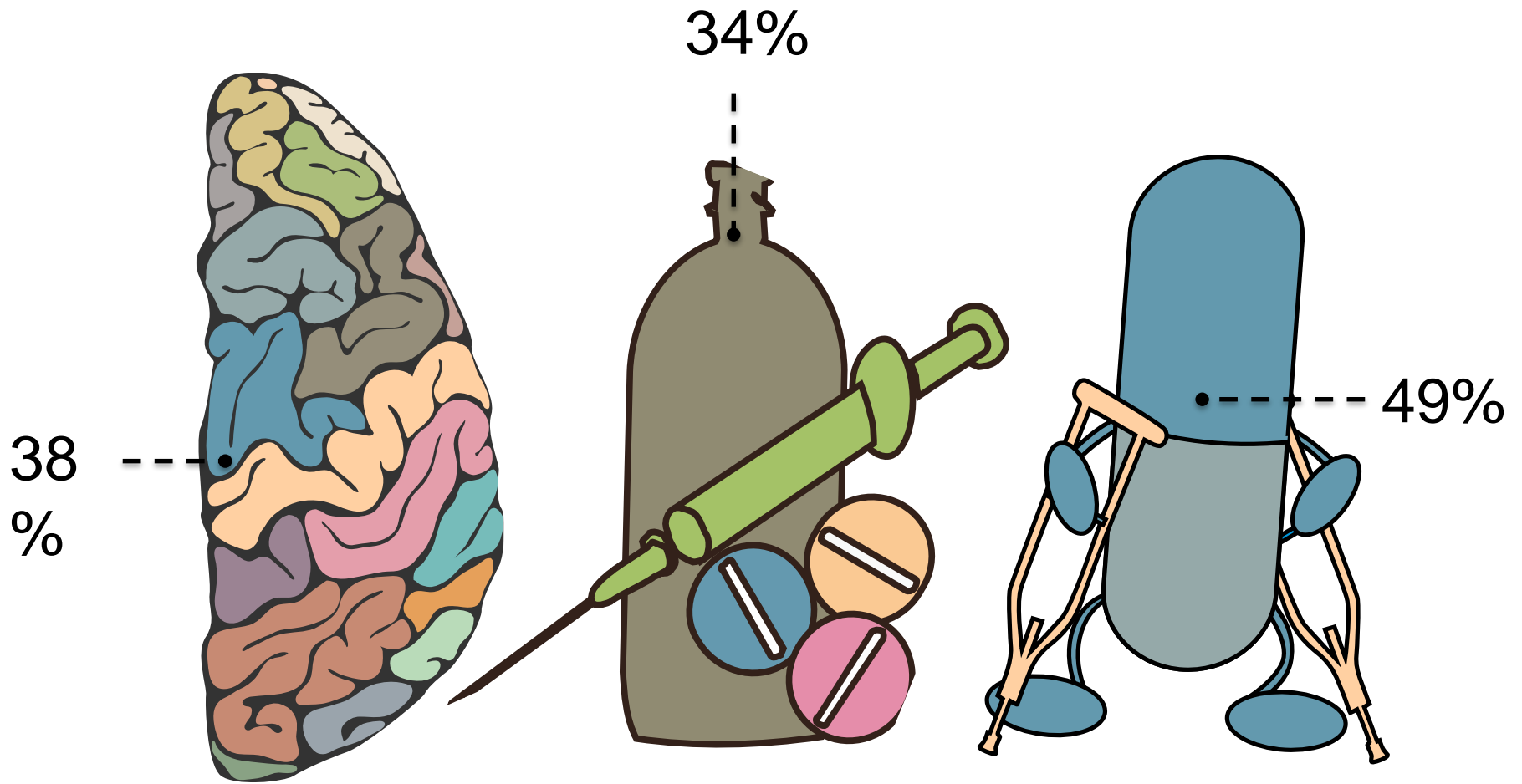


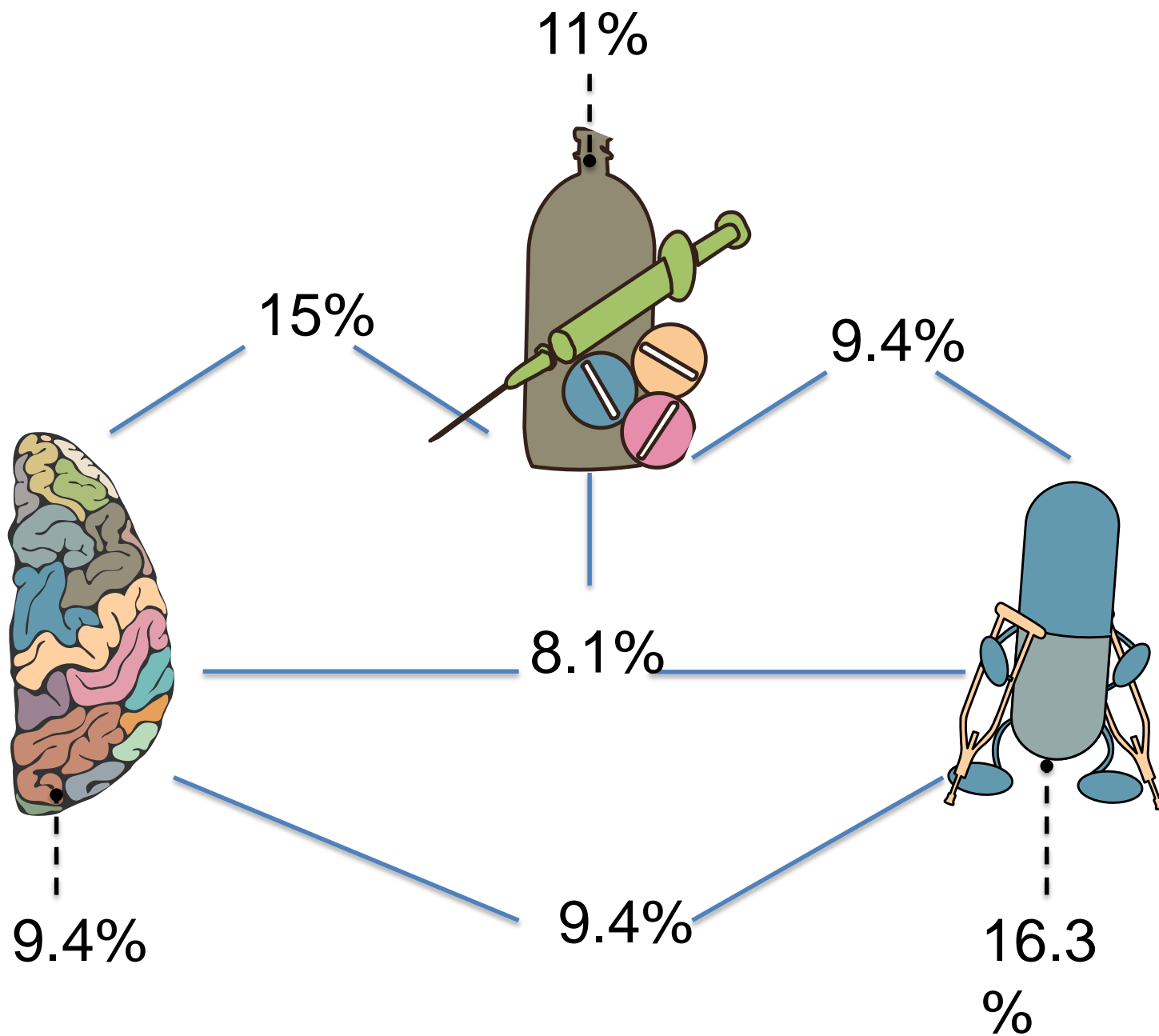
Well I think there's definitely need for uh, like a **psychologist**, or a student **nurse** or something like that here. You know like uh, homeless people being out in the streets all day long, it doesn't hurt to have a few student nurses in here to do foot care, that kind of thing...

I think there should be **more educational resources**, in regards to uh, finding out what's available to homeless people in the city in Montreal. Like a real **resource board**. You know, for instance for drug addicts so that they know where to get needle exchanges and whatnot.

–anonymous respondent



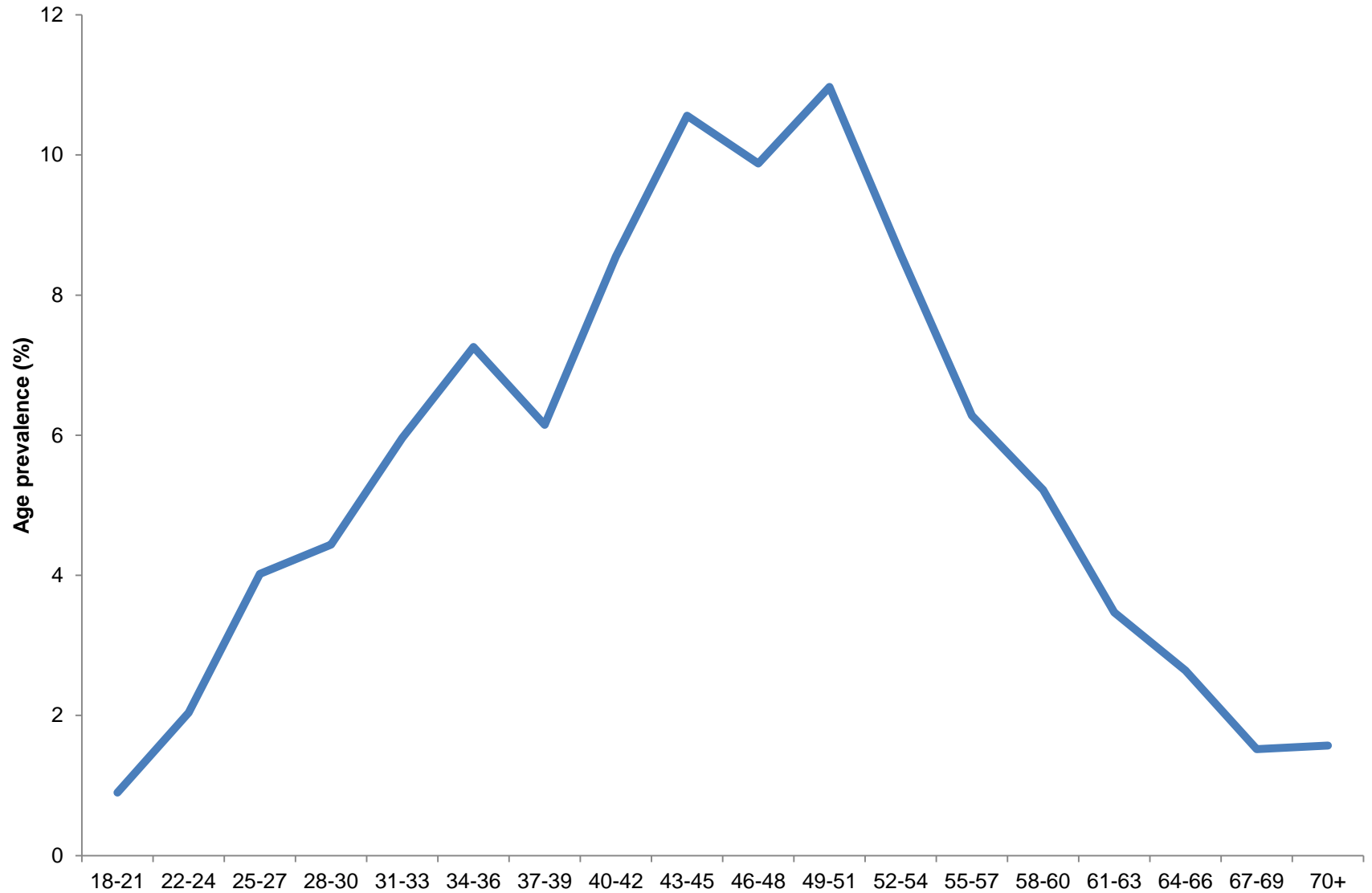




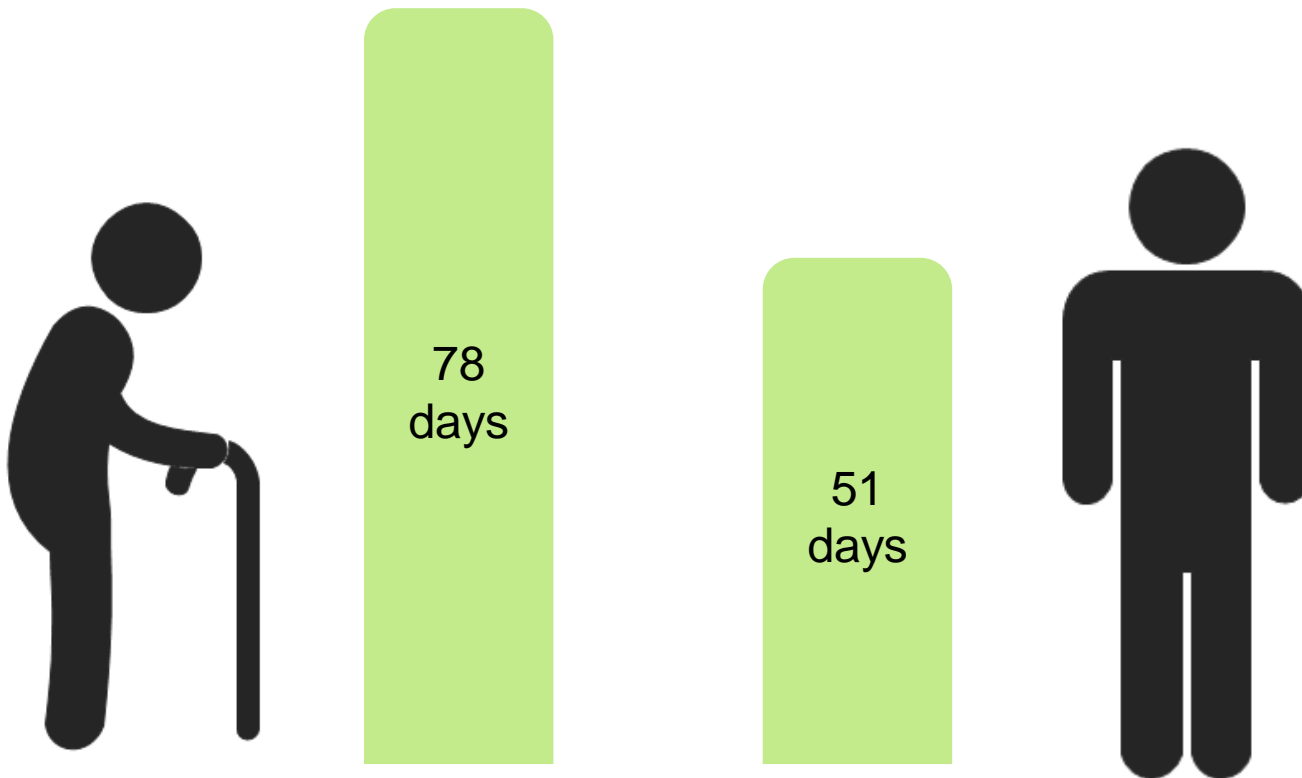
How is homelessness affected by life course?




# Age distribution 2010-2015



Older individuals stay longer on average\*



\* In the year following their first arrival for clients new to the shelter after APRIL 2012



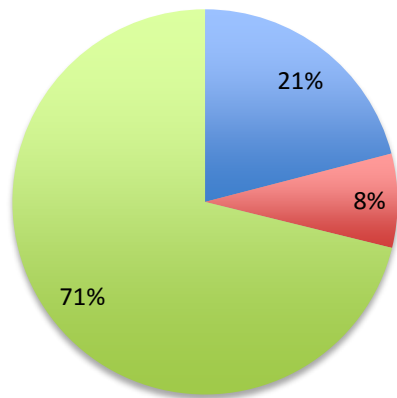
Short term?  
Long term?  
Somewhere in  
between?

How do people use the shelter?

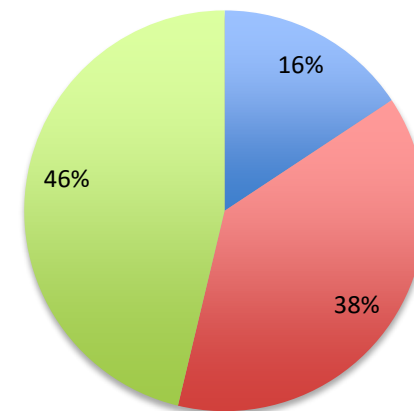


# HOW DO PEOPLE USE SHELTER SERVICES?

Cluster distribution over a 1 year period\* k-means clusters



Percentage of shelter use over a 1 year period\* k-means clusters



■ episodic  
■ chronic  
■ transitional

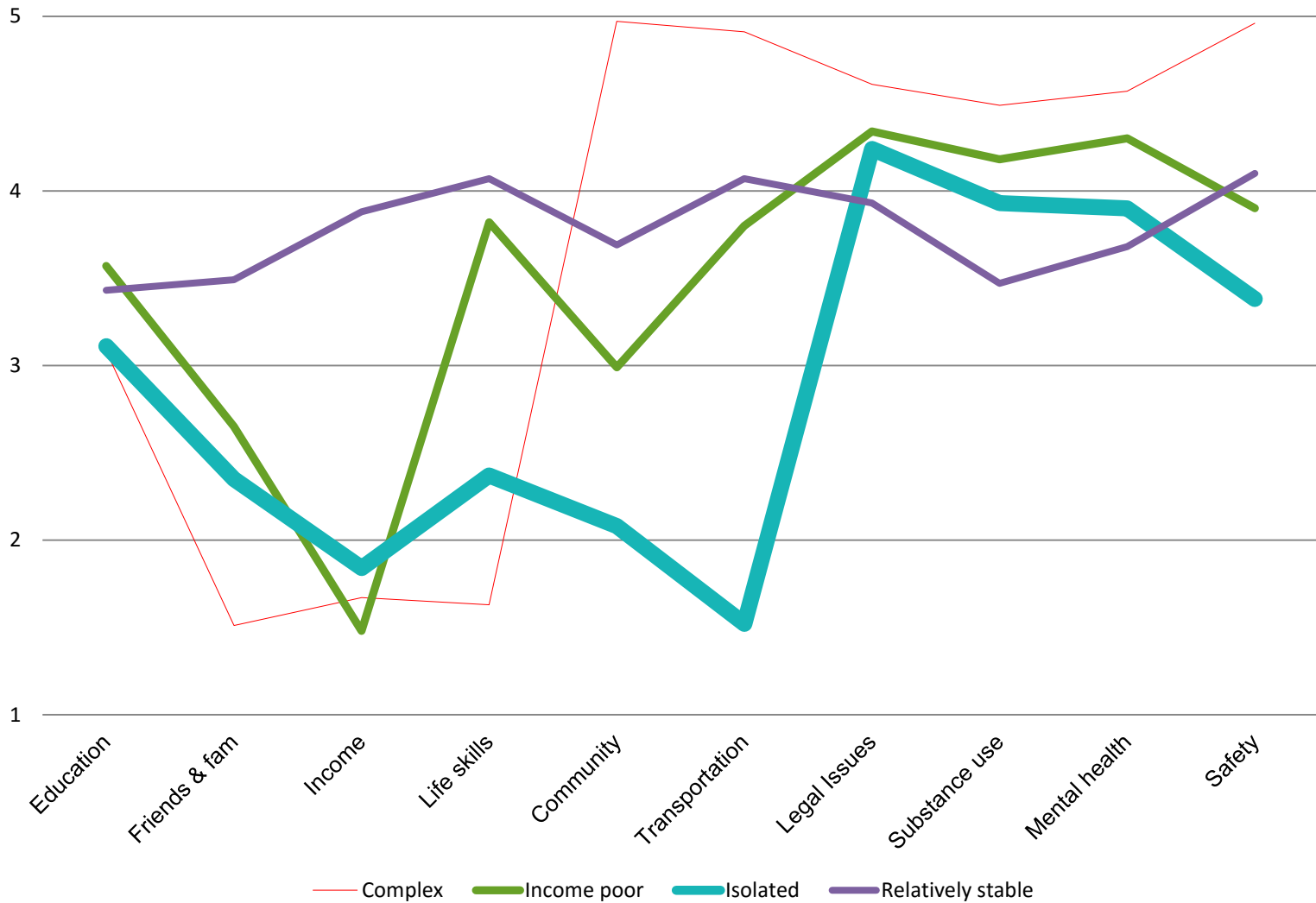
\*for clients arriving for the first time after APRIL 2013

Community.involvement  
Employment  
Safety  
Legal.issues  
Income  
Substance.use  
Support  
Housing  
Stay.length  
Banned  
Mental.illness  
Departure.type  
Life.skills  
Age  
Education



How are people different psychosocially?

# Latent Profile Analysis of OBM Transitional Clients

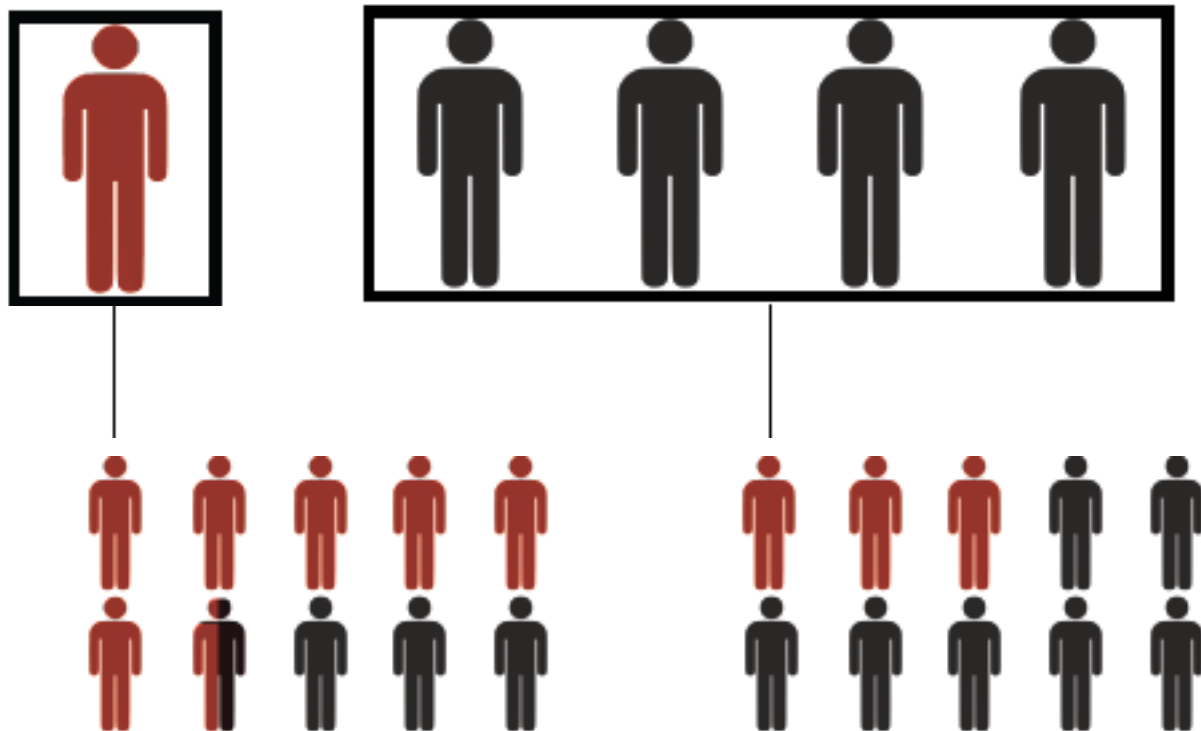




Who returns to the shelter and why?

# 1 in 5

*program clients have an imposed departure*



## 65%

*of imposed departures  
return within a year*

## <30%

*of other departures  
return within a year*

Family and friends SSM scores interact with departure to affect returns to the shelter!

					PREDICTED PROBABILITY OF RETURN
✓ = sufficient	✗ = insufficient				
support	✓	+	organized departure	→	25%
support	✗	+	organized departure	→	35%
support	✓	+	imposed departure	→	60%
support	✗	+	imposed departure	→	70%

Social change at the shelter

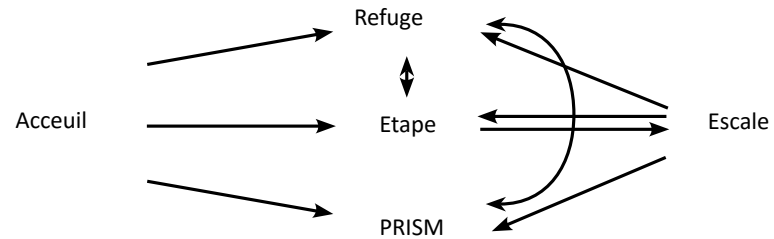


# LESS LINEAR, MORE ADAPTIVE PROGRAMMING

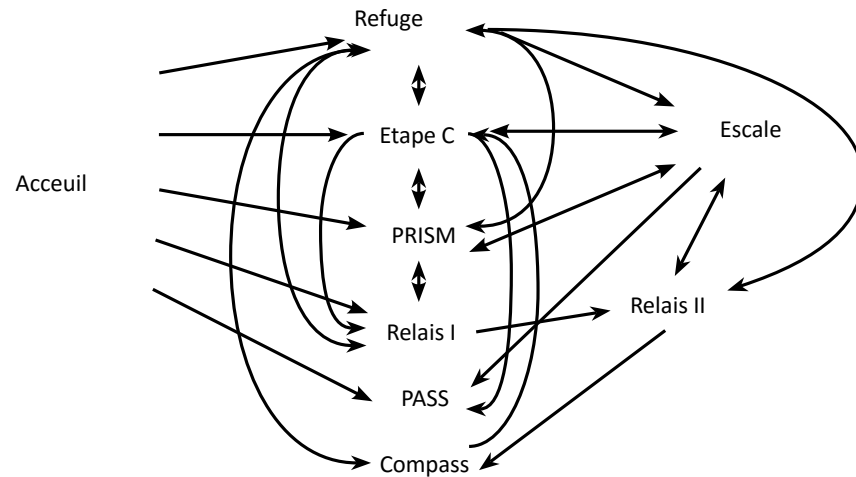
2010-2012



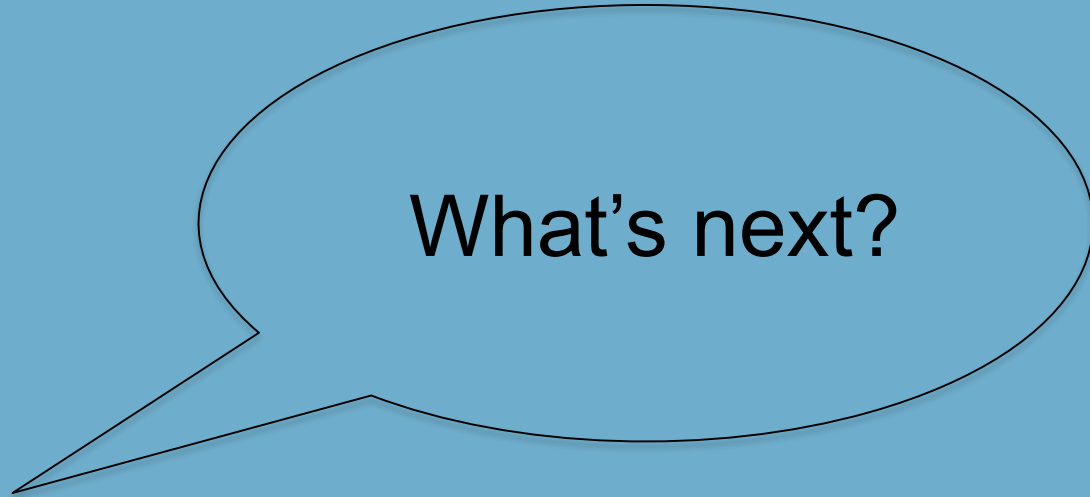
2013



2014



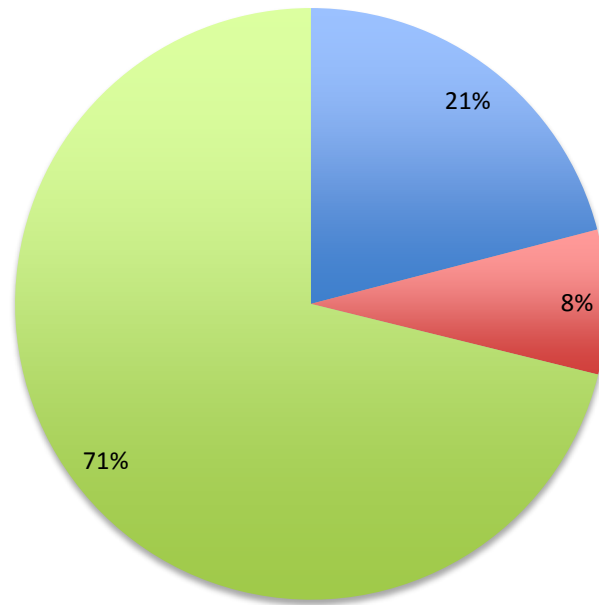




What's next?

# EXPLORATION OF CHRONIC HOMELESSNESS

Cluster distribution over a 1 year period\* k-means clusters



## COLLECT MORE LONGITUDINAL DATA



ADAPT RESEARCH FOR WOMEN'S SERVICES

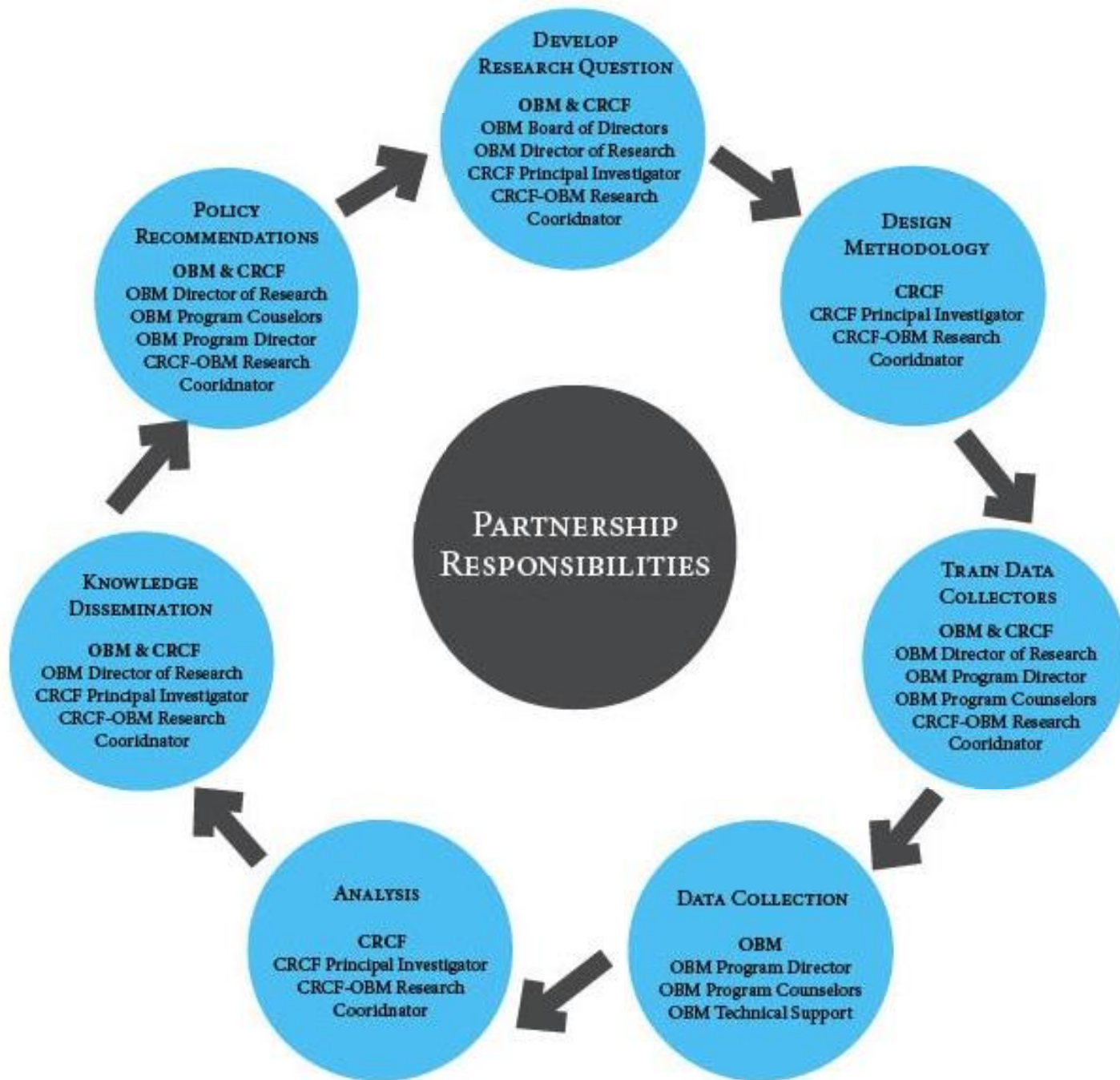


CONTINUE TO DEVELOP THE PARTNERSHIP



Georges Ohana  
Florence Portes  
Matthew Pierce  
Lise Marion  
Sebastian Mott  
Marie-Pierre Hamelin  
Malorie Moore  
Stephanie Taillon  
Jessica Spagnolo  
Dr. Amanda Grenier  
OBM Foundation  
OBM staff  
OBM clients

THANK YOU



What is the age distribution in the transitional programs at the OBM?

