

# Welcome to summer of NYTD!

*Session starts at 12pm EST*

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# Summer of NYTD, 2018

National Data Archive On Child Abuse and Neglect  
Bronfenbrenner Center for Translational Research  
Cornell University

# Introduction

- Summer Schedule:
  - August 8<sup>th</sup> — Introduction
  - August 15<sup>th</sup> — Data Structure
  - August 22<sup>nd</sup> — Expert Presentation I
  - August 29<sup>th</sup> — Expert Presentation II
  - September 5<sup>th</sup> — Linking to NCANDS & AFCARS
  - **September 12<sup>th</sup> — Research Presentation I**
  - September 19<sup>th</sup> — Research Presentation II

# Today's Presentation

- In-progress research study
  - **Presenter:** Erin McCauley, BCTR at Cornell
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# Agenda

- Progress overview
- Conference style mini presentation
- Next Steps
- Q&A

# Progress overview

- Literature search
- Idea generation
- Descriptive analysis
- Initial analysis
- What's Next:
  - Dealing with missing data
  - Checking for interaction effects
  - Differentiate by race/ethnicity

# Literature Search

- CANdl
- Sociological lit search
- Psychology/Human Development lit search
- Interdisciplinary fields—policy, public health, social work
- Key words for search:
  - Foster care
  - Well-being
  - Transition to adulthood
  - Aged out
  - Institutionalization

# Literature search

- Variety of themes emerged:
  - Assessing outcomes for folks with disabilities
    - Effect of disability status on service utilization during transition to adulthood
    - Difference in reason for removal between those with and without disability and interaction effect for long-term outcomes?
  - Assessing if patterns hold up with a more national sample
    - Importance of number of placements for educational attainment
    - Importance of homelessness in the first year following transition out of foster care and predictors of experiencing homelessness in first year
  - Assessing if cross-sectional findings hold up with longitudinal data
    - Outside of a cluster of research using a longitudinal dataset in the Midwest, much of the research examining education, employment, homelessness, and health use cross-sectional surveys, existing nationally representative datasets, or qualitative methods.



# Idea generation

- Created specific research questions related to:
  - Youth with disabilities
    - Do returns to education vary by disability status, race, and gender?
    - What is the role of demographics, foster care experiences, and child protective services history in the relationship between disability and incarceration, homelessness, childbearing, connection with adult, and substance use?
    - Do children with disabilities in the foster care system experience more placements? How does placement effect the relationship between disability and education?
  - Predictors of incarceration and homelessness during transition to adulthood
    - Demographic predictors, foster care predictors, and child protective services predictors?
    - Does these predictors vary by disability status?

# Descriptive analysis

Orthogonality Table-NYTD Data

	No Disability	Disability	p-value from joint orthogonality test of treatment arms
homeless	0.309 (0.006)	0.313 (0.006)	0.000
incarc	0.412 (0.006)	0.433 (0.006)	0.000
child	0.213 (0.005)	0.175 (0.005)	0.000
subabuse	0.323 (0.006)	0.316 (0.006)	0.006
cnctadult	0.978 (0.002)	0.978 (0.002)	0.005
socsecrty	0.174 (0.005)	0.251 (0.005)	0.000
pubfinas	0.126 (0.005)	0.148 (0.005)	0.005
pubfoodas	0.348 (0.007)	0.313 (0.007)	0.003
pubhousas	0.087 (0.004)	0.093 (0.004)	0.451
educaid	0.232 (0.005)	0.178 (0.005)	0.000
healthinsur	0.962 (0.002)	0.975 (0.002)	0.000
medicaid	0.936 (0.003)	0.951 (0.003)	0.000
white	0.453 (0.006)	0.453 (0.006)	0.000
black	0.330 (0.006)	0.323 (0.006)	0.001
hisp	0.166 (0.005)	0.180 (0.005)	0.000
native	0.029 (0.002)	0.031 (0.002)	0.011
other	0.022 (0.002)	0.012 (0.001)	0.000
N	6348	6823	

- Variables with no diff:
  - Public Housing Assistance
  - Proportion youth of CPS abuse that includes physical/sexual abuse.
  - Number of victimizations for CPS abuse (although differences for number of reports)

# Mini-conference presentation

the initial analysis

# How disability shapes incarceration, homelessness, connection with an adult, substance abuse, and childbearing during the transition to adulthood for foster care children who age out

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# BACKGROUND

- Transition to adulthood is a pivotal junction for long-term socioeconomic standing, employment, health, wellbeing, and success. (Osgood, Foster, Flanagan, & Ruth, 2005).
- Children in foster care can experience difficulty in this transition, but the risk of difficulty is particularly robust for children who age out of foster care. (Osgood, Foster, Flanagan, & Ruth, 2005).
- Youth who age out of foster care are more likely to have experienced greater placement instability and are less likely to have family or social relationships to rely on during difficulty. (Reilly, 2003).

# Background

- Processes during transition to adulthood
  - 32% experienced not having enough money
  - 18% had difficulty finding a job
  - 9% had difficulty obtaining housing
  - 44% had difficulty obtaining medical care
- Outcomes in the transition to adulthood
  - 12% experienced homelessness
  - 18% were incarcerated
  - 19% experienced physical victimization
  - 7% were sexually assaulted
  - 37% experienced one or more

(Courtney et al, 2001)

# Background

- Youth aging out of foster care have identified the following areas as of particular importance in managing the transition into adulthood:
  - Self-determination
  - Coordination/collaboration of services
  - Relationships
  - Family
  - Foster care experiences
  - Disability

(Geenen & Powers, 2007)



# Background

- Outcomes that are of importance in examining the transition to adulthood (Courtney et al., 2001; Osgood et al., 2005).
  - Social support
  - Mental health/Substance use
  - Child bearing
  - Incarceration
  - Homelessness/Living arrangements
  - Finances/Employment
  - Public assistance receipt

# Objectives

- Is having a disability associated with the probability of experiencing incarceration, homelessness, substance abuse, connection with an adult, or childbearing along youth who age out of foster care?
  - Does this association persist when
    - controlling for foster care experiences?
    - for child protective services history?
  - Does this association change when examining the probability of experiencing these outcomes after leaving the foster care system compared to the probability of ever experiencing these outcomes?

# Methods

- Linear probability models using data from NYTD, AFCARS, and NCANDS (n=15,597)
- Independent variables
  - Disability status
  - Foster care experiences
  - Child protective histories
- Dependent variables:
  - Incarceration
  - Homelessness
  - Substance abuse
  - Connection to adult
  - Childbearing

# Sample creation

- The analysis sample was created by linking the participants in the NYTD cohort 1 outcomes file with their AFCARS and NCANDS data by Michael Dineen.
  - Inclusion criteria: We only keep the subset of individuals in AFCARS and NCANDS who end up in the NYTD data
- Steps:
  - Michael Dineen linked the NYTD and AFCARS outcomes
  - I created a list of variables I was interested in from the NCANDS (such as if the parent was the abuser, if a child ever experienced a type of abuse, the number of child protective services reports, etc.)
  - Michael Dineen created this variables and formatted the data to long-form, then merged this new NCANDS based data with the NYTD and AFCARS grouping.

# Demographics

Table 1.  
Demographic  
characteristics of  
the sample

Outcomes	Those without Disabilites	Those with Disabilities
Homelessness	0.309	0.313
Incarceration	0.412	0.433
Childbearing	0.213	0.175
Substance Abuse	0.323	0.316
Connection to Adult	0.978	0.978
<i>N</i>	6348	6823

Table 1.  
Demographic  
characteristics of  
the sample

Demographics	Those without Disabilites	Those with Disabilities
Male	0.475	0.536
Race/Ethnicity		
White	0.453	0.453
Black	0.330	0.323
Hispanic	0.166	0.180
Native	0.029	0.031
Other	0.022	0.012
Rural/Urban	2.496	2.348
<i>N</i>	6348	6823

Table 1.  
Demographic  
characteristics of  
the sample

Foster Care Experiences	Those without Disabilities	Those with Disabilities
# Removals	1.461	1.571
# Placements	5.637	7.854
# Days in Foster Care	1463.323	2102.793
Removal Reason		
Sexual Abuse	0.089	0.094
Neglect	0.573	0.513
Alcohol Abuse (Parent)	0.061	0.056
Drug Abuse (Parent)	0.148	0.123
Alcohol Abuse (Child)	0.017	0.021
Drug Abuse (Child)	0.045	0.037
Child Behavior Problems	0.331	0.364
Parent's Died	0.016	0.014
Parent's in Jail	0.055	0.043
No Coping	0.199	0.239
Adandoment	0.101	0.109
Housing Issues	0.088	0.083
	<i>N</i> 6348	6823



Table 1.  
Demographic  
characteristics of  
the sample

Child Protective Services	Those without Disabilites	Those with Disabilities
# Victimizations	1.103	1.107
# Report Counts	2.995	3.535
Victimization	0.464	0.374
Parent Abuser	0.351	0.260
Physical Abuse Report	0.280	0.277
<i>N</i>	6348	6823

# Initial Results – Childbearing, Any Disability After Ageing Out

	Model 1	Model 2	Model 3	Model 4
	-			
	0.043**			
<b>Disability</b>	*	-0.027*	-0.031*	-0.033**
<b>p-value for the above coefficient</b>	0	-0.024	-0.011	-0.006
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Childbearing, Any Disability Ever

	Model 1	Model 2	Model 3	Model 4
	-			
<b>Disability</b>	0.031***	-0.020*	-0.019*	-0.021*
<b>p-value for the above coefficient</b>	0	-0.022	-0.032	-0.021
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	8381	8381	8381	8381

# Initial Results – Childbearing, Emotional/Mental Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.040**	-0.023+	-0.031*	-0.033*
<b>p-value for the above coefficient</b>	-0.002	-0.067	-0.02	-0.014
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Childbearing, Emotional/Mental Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.030**	-0.017+	-0.018+	-0.019*
<b>p-value for the above coefficient</b>	-0.001	-0.058	-0.063	-0.046
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	7529	7529	7529	7529

# Initial Results – Childbearing, Physical/Sensory Disability After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.02	-0.02	0.002	-0.003
<b>p-value for the above coefficient</b>	-0.691	-0.682	-0.961	-0.951
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Childbearing, Physical/Sensory Disability Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.048	-0.047	-0.032	-0.035
<b>p-value for the above coefficient</b>	-0.181	-0.175	-0.35	-0.314
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	4343	4343	4343	4343

# Initial Results – Connection to Adult, Any Disability After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.005	0.006	0.007	0.006
<b>p-value for the above coefficient</b>	-0.385	-0.359	-0.299	-0.331
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes



# Initial Results – Connection to Adult, Any Disability Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0	0	0	0
<b>p-value for the above coefficient</b>	-0.913	-0.948	-0.992	-0.954
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	8381	8381	8381	8381

# Initial Results – Connection to Adult, Emotional/Mental Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0	0.001	0.002	0.003
<b>p-value for the above coefficient</b>	-0.953	-0.886	-0.728	-0.718
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Connection to Adult, Emotional/Mental, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.002	-0.002	-0.002	-0.002
<b>p-value for the above coefficient</b>	-0.553	-0.653	-0.668	-0.66
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	7529	7529	7529	7529

# Initial Results – Connection to Adult, Physical/Sensory Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.031	0.031	0.027	0.025
<b>p-value for the above coefficient</b>	-0.241	-0.239	-0.306	-0.337
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Connection to Adult, Physical/Sensory Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.023+	-0.023+	-0.026*	-0.027*
<b>p-value for the above coefficient</b>	-0.072	-0.069	-0.041	-0.036
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	4343	4343	4343	4343

# Initial Results – Homelessness, Any Disability After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.012	0.017	-0.001	-0.003
<b>p-value for the above coefficient</b>	-0.359	-0.196	-0.927	-0.821
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Homelessness, Any Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.014	0.015	0.01	0.009
<b>p-value for the above coefficient</b>	-0.163	-0.139	-0.347	-0.383
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	8381	8381	8381	8381

# Initial Results – Homelessness, Emotional/Mental Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.039**	0.039**	0.013	0.012
<b>p-value for the above coefficient</b>	-0.005	-0.005	-0.355	-0.402
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes



# Initial Results – Homelessness, Emotional/Mental Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.024*	0.024*	0.015	0.014
<b>p-value for the above coefficient</b>	-0.028	-0.026	-0.191	-0.207
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	7529	7529	7529	7529

# Initial Results – Homelessness, Physical/Sensory Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.092+	-0.091+	-0.077	-0.083
<b>p-value for the above coefficient</b>	-0.081	-0.085	-0.138	-0.111
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Homelessness, Physical/Sensory Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.074+	-0.080*	-0.071+	-0.072+
<b>p-value for the above coefficient</b>	-0.066	-0.047	-0.076	-0.072
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	4343	4343	4343	4343

# Initial Results – Incarceration, Any Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.027*	0.019	-0.001	-0.003
<b>p-value for the above coefficient</b>	-0.026	-0.119	-0.929	-0.792
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Incarceration, Any Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.025*	0.013	-0.011	-0.012
<b>p-value for the above coefficient</b>	-0.019	-0.203	-0.289	-0.245
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	8381	8381	8381	8381

# Initial Results – Incarceration, Emotional/Mental Disability, After Ageing Out

	Model 1	Model 2	Model 3	Model 4
<b>Disability</b>	0.059***	0.045***	0.015	0.013
<b>p-value for the above coefficient</b>	0	-0.001	-0.267	-0.338
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Incarceration, Emotional/Mental Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.059***	0.045***	0.009	0.008
<b>p-value for the above coefficient</b>	0	0	-0.396	-0.459
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	7529	7529	7529	7529

# Initial Results – Incarceration, Physical/Sensory Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.122*	-0.123*	-0.100*	-0.110*
<b>p-value for the above coefficient</b>	-0.014	-0.011	-0.033	-0.02
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes



# Initial Results – Incarceration, Physical/Sensory Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.176***	-0.191***	-0.155***	-0.156***
<b>p-value for the above coefficient</b>	0	0	0	0
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	4343	4343	4343	4343

# Initial Results – Substance Abuse, Any Disability, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.012+	0.01	0.009	0.007
<b>p-value for the above coefficient</b>	-0.086	-0.132	-0.222	-0.324
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Substance Abuse, Any Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.005	0	0.003	0.001
<b>p-value for the above coefficient</b>	-0.628	-0.971	-0.801	-0.907
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	8381	8381	8381	8381

# Initial Results – Substance Abuse, Emotional/Mental, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.022**	0.022**	0.019*	0.017*
<b>p-value for the above coefficient</b>	-0.003	-0.004	-0.015	-0.026
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Substance Abuse, Emotional/Mental Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	0.032**	0.028*	0.027*	0.025*
<b>p-value for the above coefficient</b>	-0.003	-0.011	-0.012	-0.022
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	7529	7529	7529	7529

# Initial Results – Substance Abuse, Physical/Sensory, After Ageing Out

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.031	-0.035	-0.033	-0.031
<b>p-value for the above coefficient</b>	-0.239	-0.191	-0.22	-0.244
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes

# Initial Results – Substance Abuse, Physical/Sensory Disability, Ever

	<b>Model 1</b>	<b>Model 2</b>	<b>Model 3</b>	<b>Model 4</b>
<b>Disability</b>	-0.107**	-0.111**	-0.076*	-0.073+
<b>p-value for the above coefficient</b>	-0.008	-0.005	-0.046	-0.056
<b>Demographics</b>	No	Yes	Yes	Yes
<b>Foster Care Experiences</b>	No	No	Yes	Yes
<b>Child Protective Services History</b>	No	No	No	Yes
<b>N</b>	4343	4343	4343	4343

# Initial Results summary

- Individuals with disabilities and emo/ment disabilities were less likely to have children.
- Individuals with phys/sens were less likely to be connected to an adult.
- The increase in the probability of homelessness associated with having an emo/ment disability and the decrease associated with having a phys/sens disability are rendered insignificant when foster care history is introduced.
- Increases in the probability of incarceration for those with disabilities and emo/ment disabilities are accounted for when introducing controls
  - However folks with phys/sens disabilities were less likely to be incarcerated than those without disabilities across models.
- Individuals with emotional/mental disabilities were more likely to experience substance abuse issues than those without disabilities, whereas individuals with sensory or physical disabilities were either less likely or there were no differences.



# Initial discussion

- Limited differences between examining lifetime prevalence and post-aging out prevalence.
- Large differences by disability type—in some cases the sign was in the other direction (ex: substance abuse, incarceration).
- Individuals with emotional/mental disabilities are at particularly high risk of substance abuse. Individuals with phys/sens disabilities were either less likely to experience outcomes or there was no significant difference.
- Disability had a limited effect on homelessness and incarceration.

# Next steps...

- Dealing with missing data and weighting
- Checking for interaction effects
  - Could the number of foster care placements or the number of cps reports moderate the relationship between disability and incarceration, homelessness, childbearing, connection to an adult and substance use?
- Differentiate results:
  - By race/ethnicity
  - By more granular disability type

# Questions?

- Erin McCauley—Graduate Researcher and host of Summer of NYTD
  - [ejm354@cornell.edu](mailto:ejm354@cornell.edu)
- Michael Dineen—Research Support Specialist II and Manager of NYTD
  - [med39@cornell.edu](mailto:med39@cornell.edu)

# Questions Received in the Chat box

- **How are you planning on dealing with missing data, exactly? Multiple Imputation?**
- **Great presentation and interesting analysis! Since disability can be time-variant, at what age did you ascribe disability? The most recent record? Or cumulative? How far back into AFCARS and NCANDS did you track your NYTD population?**
- **Thank you for this - wonder if it might be worth also considering differences by gender in future analyses? Esp. considering the outcomes you are examining?**
- **How did you address duplicate cases i.e. participants with responses at both six month intervals?**
- **Were there any variables on whether a child has an IEP in school and their classification, school interventions, provider services, etc. and how that might impact outcomes?**
- **I believe you stated you used NYTD outcome. I noticed in NYTD service file participants services are reported twice March and September. Did you experience that with outcome file and how did you address that?**
- **Will you use imputation or any other methods accounting for missing data to produce descriptive statistics? i.e. statistics describing the proportion of youth who have disabilities and are incarcerated vs. not.**

# Next week...

- Date: Wednesday September 19<sup>th</sup> from 12pm - 1pm
- Presenter: Svetlana Shpiegel
- Topic: Research Presentation II

# References

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- Dworsky, A., Napolitano, L., & Courtney, M. (2013). Homelessness during the transition from foster care to adulthood. *American Journal of Public Health*, 103(2), 318-323.
- Geenen, S., & Powers, L. E. (2007). "Tomorrow is another problem": The experiences of youth in foster care during their transition into adulthood. *Children and Youth Services Review*, 29(8), 1085-1101.
- Osgood, D. W., Foster, E. M., Flanagan, C., & Ruth, G. R. (2005). *On Our Own Without a Net: The Transition to Adulthood for Vulnerable Populations*. Chicago, IL: The University of Chicago Press.
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