

# Measuring Inter-Sectorial Collaboration in Children's Mental Health

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Linett

QUESTIONNAIRE  
DESIGNERS  
CONFERENCE

YOU WOULD LIKE TO  
GO FOR A COFFEE WITH ME...  
a) strongly agree b) agree  
c) disagree OR d) strongly  
disagree?





# Continuity of Care: Development of a Measure\*



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# Agenda

- Description of Measure
- Background
- Scale Development
- Results
- Discussion

# Description of Measure

- Definitions of Major Concept
- Purpose
- Respondents

# Description

- Definitions of Major Concept
- Bachrach (1981) defined continuity of care as, “a process involving the orderly, uninterrupted movement of patients among the diverse elements of the service delivery system” (p.1449)
- More recent definition: how a patient experiences care over time as coherent and linked (R. Reid, Haggerty, & McKendry, 2002)

Bachrach, L. L. (1981). Continuity of care for chronic mental patients: A conceptual analysis. *American Journal of Psychiatry*, 138, 1449-1456.

Reid, R., Haggerty, J., & McKendry, R. (2002). *Defusing the confusion: Concepts and measures of continuity of healthcare* Ottawa, ON: Canadian Health Services Research Foundation.

# Description

- Purpose
- The Continuity of Care in Children's Mental Health (C3MH) measure captures how services are coordinated and linked over time, settings, and providers from the perspective of families who have received services at a children's mental health (CMH) agency in the previous 12 months.

# Description

- Respondents
- Parents of children (ages 4-18) who have received services at CMH agency in the previous 12 months (at least 3 face to face visits).

# Background

- History of Continuity of Care
- Demonstrated Need

# History of CoC

- The concept of CoC has been used across medical disciplines and specialties since the 1940s (Bachrach, 1981)
- In mental health care, since deinstitutionalization, CoC recognized as an essential component of quality mental health services for patients with serious mental illness

# Demonstrated Need

- For over two decades, the systems-of-care philosophy in children's mental health has recognized the need to respond to a fragmented service system through greater integration and coordination
- CoC has long been recognized as important in children's mental health care, but no instrument exists to measure it

# Characteristics and Development

- Item Generation
- Study Sample
- Factor Structure

# Development

- Item Generation

- Items based on (1) related instruments and (2) qualitative study with 15 parents and 10 services providers at 5 CMH agencies

- Pretesting for Content Validity

- Classified items and rated clarity

- Pilot Testing

- 10 parents across 4 CMH agencies

# Development

- Study Sample

- Data collection (April 2011 - October 2012)
- N = 364 parents completed C3MH
- Recruited from 13 CMH agencies across Ontario
- 3 face-to-face visits in last 12 months

# Results

- Factor Structure (5 scales):
  - Management: Collaborations
  - Management: Transitions
  - Informational: Provider knowledge
  - Relational: Quality

# of items	Model	RMSEA	CFI	NNFI	IFI
25	5-factor	.046	.935	.926	.936

# Intersectorial Continuity

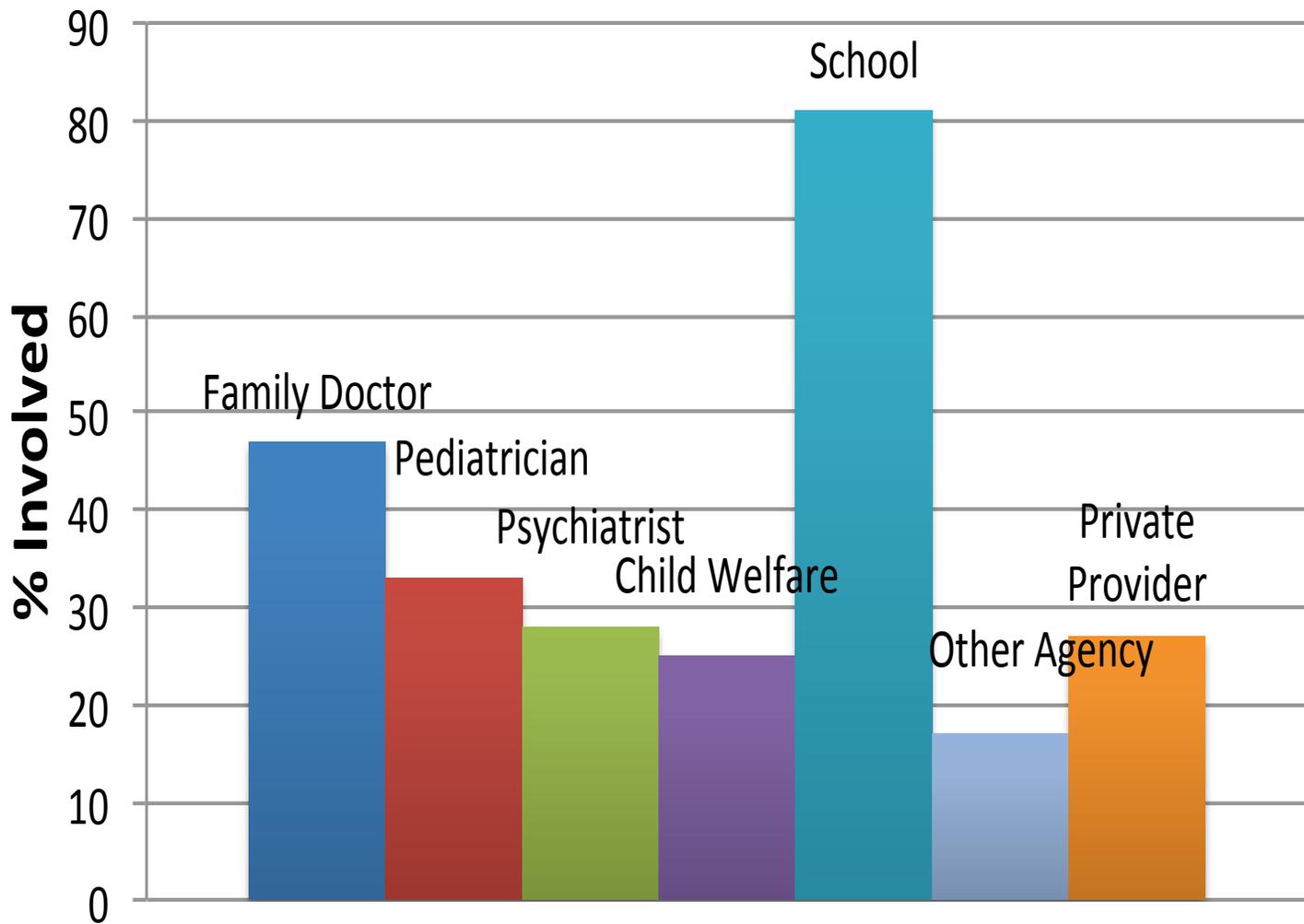
•3 Modules capture transitions:

- Multiple providers; Change in providers; Discharge

•7 Modules capture intersectorial continuity:

- Family physician; Pediatrician; Psychiatrist; School; Child Welfare; Private Provider; Other agency

# % of families involved in different sectors



Over the past 12 months, when I received help from [agency] and my FAMILY DOCTOR...

		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
<b>B63</b>	I wanted my family doctor to coordinate all the care my child received.	<input type="checkbox"/>				
<b>B64</b>	My family doctor went out of his/her way to help my family.	<input type="checkbox"/>				
<b>B65</b>	My family doctor helped me get services from other providers/agencies.	<input type="checkbox"/>				
<b>B66</b>	My family doctor gave me information that contradicted staff at [agency].	<input type="checkbox"/>				
<b>B67</b>	My family doctor asked how my visits with [agency] were going.	<input type="checkbox"/>				

# Goodness of Fit for CFA

Module	Model	RMSEA	CFI	NNFI	IFI
Family Doctor	2-factor	.114	.852	.820	.855
Pediatrician	2-factor	.129	.845	.811	.847
Psychiatrist	2-factor	.128	.872	.844	.874
Child Welfare	2-factor	.132	.861	.830	.864
School	2-factor	.113	.884	.859	.885
Other Agency	2-factor	.093	.921	.904	.923
Private Provider	2-factor	.149	.814	.773	.820

# Continuity Between Agency and Sectors for Parents of Children Ages 4-18

