

# Prevention and Early Intervention: California's Investment to Prevent Mental Illness from becoming Severe and Disabling

## Activities and Expenditures in Fiscal Year 2011-12

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Submitted by:

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1/23/2014

1

## PEI Activities and Expenditures Study Presentation Outline

- Study Purpose
- Methods
- Findings:
  - Number of Programs/Activities
  - Numbers Served
  - Demographics
  - Expenditures
- Implications/Recommendations
- Questions/Discussion

1/23/2014

2

## PEI Activities and Expenditures Study Purpose

The basic distinction explored in this study are two of the key ways that MHSA funds prevent mental illness from becoming severe and disabling for individuals (which is the first-stated purpose of the PEI component per MHSA)

Key ways are addressing and ameliorating:

1. risk of serious mental illness (prevention)
2. early onset of mental illness (early intervention)

1/23/2014

3

## PEI Activities and Expenditures Study Purpose

The UCLA Team was tasked with determining:

- (How much) the total amount of MHSA PEI funds spent on prevention compared to early intervention
- Who is being served
- (What) the kinds of programs and activities being implemented and their intended outcomes
- (Where) statewide and by county

1/23/2014

4

## Methods

Evaluation Advisory Group, convened via conference call in early January 2013, determined:

- Recent fiscal year should be focus of study
- Additional data collection was needed
  - No currently-available data sources provided the level of information required (i.e., expenditures and numbers served by activity)

1/23/2014

5

## Methods

Additional PEI data collection from counties:

Because clarity was needed in order to accurately assign out expenditures by MHS PEI purpose, the EAG determined that it would be necessary to ask counties for clarification beyond what was included in PEI plans, Annual Updates, and Revenue and Expenditure Reports.

MHS PEI Purposes:

1. addressing and ameliorating risk of serious mental illness (prevention) and
2. addressing early onset of mental illness (early intervention)

1/23/2014

6

## Methods

### Final Study Categories:

- Prevention
- Early Intervention
- Stand-Alone Indirect
- Mixed
- Out of Study Scope

1/23/2014

7

Number of Programs/Activities in each Study Category  
**Table 1. Summary of PEI Categories:**  
 Number of Counties Implementing  
 FY 2011-12

PEI Study Category	Counties (N=59)	% of Counties
Prevention	45	76.3%
Early Intervention	40	67.8%
Stand-Alone Indirect	42	71.2%
Out of Study Scope	3	5.1%
Mixed	27	45.8%

1/23/2014

8

## Number of Programs/Activities in each Study Category

**Table 2. Summary of PEI Categories:**  
FY 2011-12

PEI Study Category	Number of Programs/Activities (N=467)	% of Programs/Activities
Prevention	119	25.5%
Early Intervention	158	33.8%
Stand-Alone Indirect	135	28.9%
Out of Study Scope	4	0.9%
Mixed	51	10.9%
<b>TOTAL</b>	<b>467</b>	<b>100.0%</b>

1/23/2014

9

## Number Served

**Table 3. Summary of PEI Participants:**  
FY 2011-12

PEI Study Category	Number of Participants	% of Participants out of Total Number
Prevention	134,797	36.8%
Early Intervention	230,426	63.0%
Out of Study Scope	625	0.2%
<b>TOTAL</b>	<b>365,848</b>	<b>100.0%</b>

1/23/2014

10

## Demographics

**Table 4. Age Groups Served by Prevention Programs/Activities: Number of Individuals by Age Group  
FY 2011-12**

<b>Age Group: Participants in Prevention Programs/Activities</b>	<b>Number of Prevention Participants</b>	<b>% of Total Prevention Participants</b>
<b>Children/Youth</b>	84,405	64.9%
TAY	18,954	14.6%
<b>Adults</b>	24,734	19.0%
<b>Older Adults</b>	1,952	1.5%
<b>TOTAL</b>	<b>130,045</b>	<b>100.0%</b>

1/23/2014

11

## Demographics

**Table 5. Age Groups Served by Early Intervention Programs/Activities: Number of Individuals by Age Group  
FY 2011-12**

<b>Age Group: Participants in Early Intervention Programs/Activities</b>	<b>Number of EI Participants</b>	<b>% of Total EI Participants</b>
<b>Children/Youth</b>	82,061	36.4%
TAY	40,664	18.0%
<b>Adults</b>	73,316	32.5%
<b>Older Adults</b>	29,452	13.1%
<b>TOTAL</b>	<b>225,493</b>	<b>100.0%</b>

1/23/2014

12

Demographics  
**Racial/Ethnic Groups Served by Prevention and Early Intervention Programs/Activities:**  
 FY 2011-12

**Prevention**

- The plurality ethnic group was Caucasian (n=44,426; 38.1%)
- Hispanic/Latino (n=34,078; 29.2%)
- African Americans (n=17,747; 15.2%).
- The remaining racial/ethnic groups each represented nine percent or less

**Early Intervention**

- Hispanic/Latinos represent the plurality (n=84,419; 42.5%)
- Caucasians (n=63,218; 31.9%)
- African Americans (n=19,546; 9.8%)
- The remaining racial/ethnic groups each represented less than nine percent

1/23/2014 13

PEI Expenditures  
**Table 6. PEI Amount Expended: Overall and by Category**  
 FY 2011-12

PEI Programs/Activities	Expenditures (N=58 counties)	% of Total PEI Expenditures
<b>Prevention</b>	\$ 40,197,494.06	12.6%
<b>Early Intervention</b>	\$172,943,344.79	54.4%
<b>Out of Study Scope</b>	\$ 133,614.95	<0.1%
<b>Stand-Alone Indirect</b>	\$ 82,134,885.35	25.8%
<b>Mixed</b>	\$ 22,531,367.04	7.1%
<b>TOTAL</b>	<b>\$317,940,706.19</b>	<b>100.0%</b>

1/23/2014 14

## PEI Expenditures Return on Investment

**Independent cost-benefit data was available for 15 PEI services implemented**

- 24,766 individuals received these services in FY 2011-12
- Estimated Return on Investment is \$206.5 million

1/23/2014 15

## Implications/Recommendations

**Defining Populations at Risk of a Mental Illness for Prevention Programs**

**Recommendation #1:** MHSOAC consider providing standard definitions for 'at risk of a mental illness,' in order for MHSOAC to ensure that appropriate populations are being served.

1/23/2014 16

## Implications/Recommendations

### Data Limitations Reported by Counties with 'Mixed' Priority Populations

**Recommendation #2:** MHSOAC consider clearly defining 'program' and 'activity.' The PEI report findings suggest that MHSOAC may wish to examine the basis upon which 'Program' is determined, tracked over time and documented. Reporting at the 'activity' level may be more meaningful, particularly when a 'program' includes many activities.

1/23/2014

17

## Reports - e-versions

- You can download the documents from the following websites in order to conduct your review -
  - **MHSA Website**
    - <http://www.mhsoac.ca.gov/Announcements/announcements.aspx>
  - **UCLA**
    - [http://healthychild.ucla.edu/MHSA\\_evaluation.asp](http://healthychild.ucla.edu/MHSA_evaluation.asp)
- If you have any problems downloading, email me directly and I will send you the report –  
**Dr.Elizabeth.Harris@trylonassociates.org**

1/23/2014

18

PEI Activities and Expenditure Report  
FY 2011-12  
Questions

- **Email**

- Elizabeth Harris: **[Dr.Elizabeth.Harris@trylonassociates.org](mailto:Dr.Elizabeth.Harris@trylonassociates.org)**

Thank you!