

ECELS Infant Toddler Program Quality Improvement Project (ITQIP)

Richard Fiene, Ph.D.

September 1, 2015

ABSTRACT

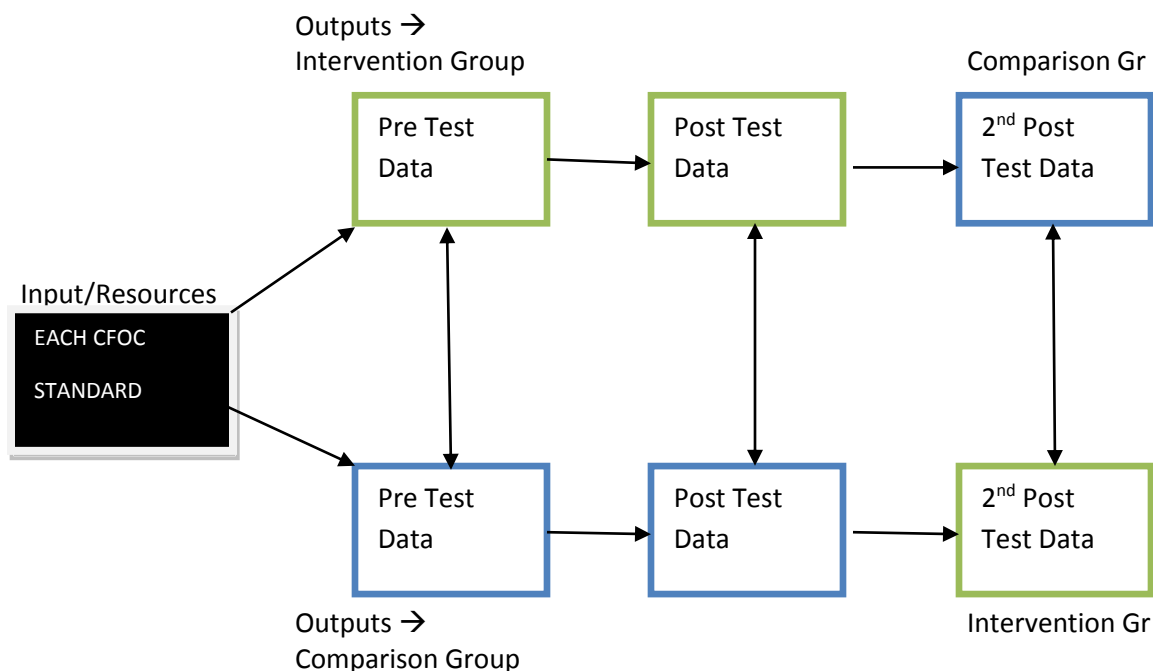
This brief report provides an analysis of the sites selected as part of the Infant Toddler Program Quality Improvement Project (ITQIP) in comparing data from the pre-test to post-test for both the Intervention and Control Groups.

INTRODUCTION

This report compares pre-test and post-test scores between the 16 intervention sites and the 16 control sites of the Infant Toddler Program Quality Improvement Project. This will be a descriptive report demonstrating the likenesses and differences between the two groups.

The evaluation plan (see Figure 1 for the Logic Model Display) is a classic randomly assigned clinical trial in which a group of child care programs will be randomly assigned to the intervention group in receiving the specific training and technical assistance specific to the selected CFOC3 standards. A comparison group also randomly assigned will receive the typical training and technical assistance that is available through the state training system. These two groups will be compared on the pre-test for equivalency and then one year later in a post-test format. At this point the intervention group will be switched to a comparison format and the comparison group will become the intervention group. If funding can be found to pay for it, a second post-test would be performed at this data point to determine the latent effects of the training/technical assistance.

Figure 1: LOGIC MODEL that supports the evaluation plan



RESULTS of Pre-Test to Post-Test

Intervention Group

The range in scores was 175 to 267 with an average score of 208 out of a possible 322 points (65%).

Control Group

The range in scores was 164 to 271 with an average score of 219 out of a possible 322 points (68%) on the Pre-Test. The range in scores was 186 to 257 with an average score of 226 out of a possible 322 points (70%) on the Post-Test. All these changes from pre- to post-test were non-significant.

Intervention – Control Groups

**Intervention (I) and Control (C) Group Comparisons from Pre-Test to Post-Test
Significant Changes Based Upon t-test Analyses and Comparisons of Intervention &
Control Groups at Post-Test (NS = Not Significant; S = Significant)**

Item	Intervention Group (I)	Control Group (C)	Intervention - Control
PR21 OBS		NS	
PR22		NS	
PR23		NS	
PR24		NS	
PR25		NS	
LA26		NS	
LA27		NS	
LA28		NS	
AO29		NS	
AO210		NS	
AO211		NS	
AO212		NS	
AO213		NS	
AO214		NS	
AO215		NS	
AO216		NS	
AO217		NS	
AO218		NS	
AO219		NS	
AO220		NS	
AO221		NS	
AO222		NS	
AO223		NS	
AO224		NS	
AO225		NS	
AO226		NS	
SS227		NS	
SS228		NS	
SS229		NS	
SS230		NS	
SS231		NS	
SS232		NS	
SS233		NS	
SS234		NS	
SS235		NS	
SS236		NS	
SS237		NS	

SS238		NS	
SS239		NS	
SS240		NS	
DC241		NS	
DC242		NS	
DC243		NS	
DC244		NS	
DC245		NS	
DC246		NS	
DC247		NS	
DC248		NS	
DC249		NS	
DC250		NS	
DC251		NS	
DC252		NS	
DC253		NS	
DC254		NS	
DC255		NS	
DC256		NS	
HH257		NS	
HH258		NS	
HH259		NS	
HH260		NS	
HH261		NS	
HH262		NS	
HH263		NS	
HH264		NS	
CA31 INTER		S**	
CA32		NS	
CA33		NS	
PR34		NS	
PR35		NS	
AO36		NS	
AO37		NS	
SN38		NS	
SN39		NS	
CA310		NS	
CA311		NS	
CA312		NS	
PR313		NS	
PR314		NS	
AO315		NS	
AO316		NS	
SN317		NS	
SN318		NS	

CA319		NS	
CA320		NS	
CA321		NS	
MA322		NS	
MA323		NS	
MA324		NS	
MA325		NS	
MA326		NS	
MA327		NS	
MA328		NS	
CA41 DOCS		NS	
CA42		NS	
CA43		NS	
CA44		NS	
SS45		NS	
SS46		NS	
SS47		NS	
SS48		NS	
SS49		NS	
MA410		NS	
IM411		NS	
IM412		NS	
IM413		NS	
SN414		NS	

*p < .05

** p < .01

*** p < .001