Abt Associates

## Findings from evaluations of professional development models: Supporting high quality early childhood education curricula in subsidized child care centers

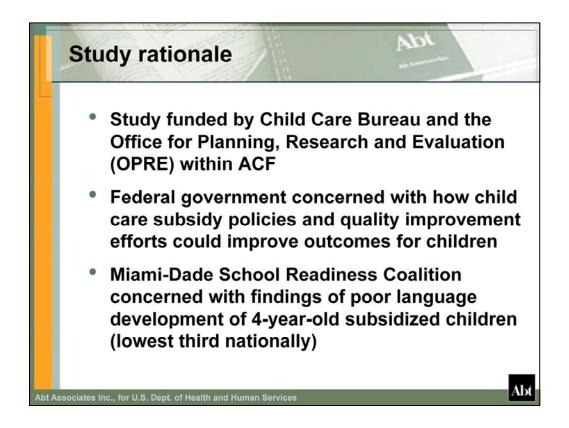
**Child Care Policy Research Consortium** 

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Solving problems, guiding decisions - worldwide





•SRC = county's fiscal agent for CCDF subsidy & quality improvement funds

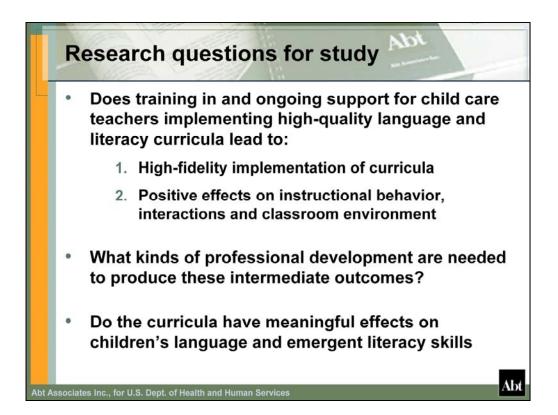
One of four experiments

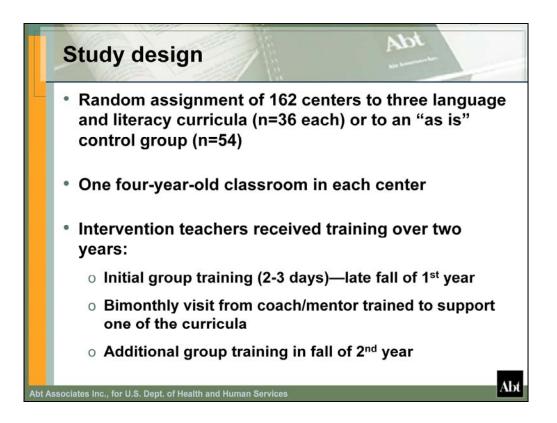
•SRC paid for intervention, HHS contract paid for the evaluation

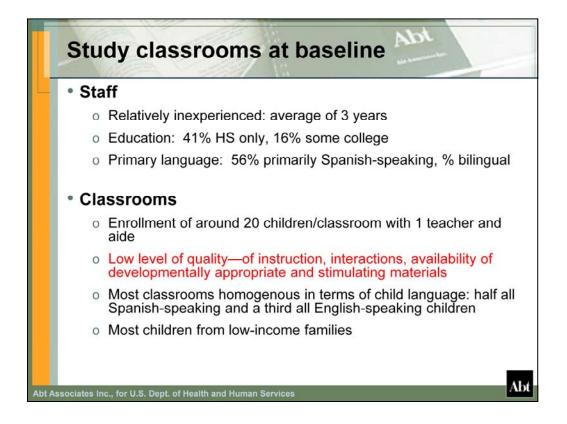
•Quality \$ constitute 4% of subsidy funding set aside (with state matching funds) for improving child care quality.

•SRC selected the 3 curricula through a panel review process

•Child Care and Development Fund (CCDF) administered by Child Care Bureau, provides subsidies for child care for children of low-income working parents, whose eligibility is determined by states within broad federal guidelines.







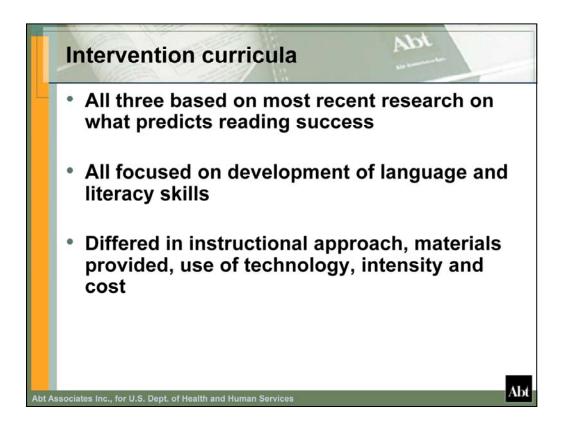
Spanish-speaking—some bilingual; English-speaking—monolingual; Other languages: include Haitian Kreyol

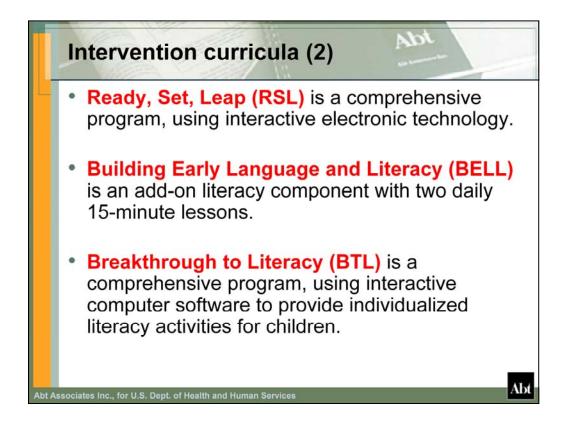
In 2001 >  $\frac{1}{2}$  of county's residents were born outside the US. County demographics:

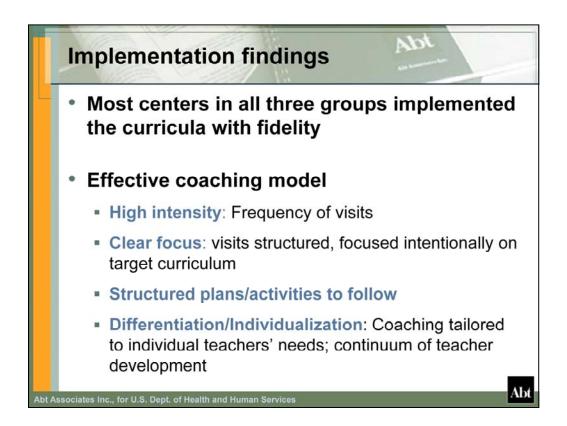
57% Hispanic

24% Non-Hispanic White

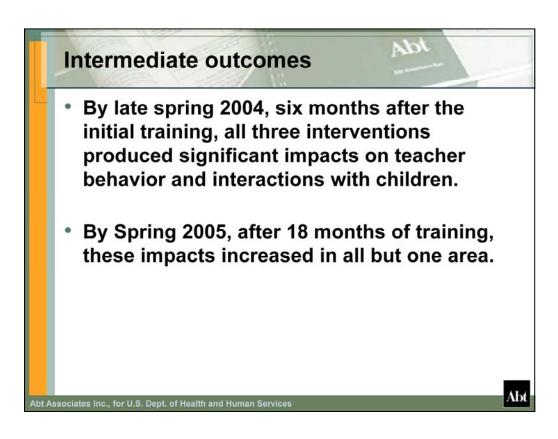
19% Non-Hispanic Black







- In classrooms with at least one Spanish-speaking child, there was at least one staff member who spoke Spanish.
- Number of children in attendance averaged 15, and average observed ratio was 1:10.
- More than half of the teachers spoke Spanish as their first language; 28% spoke only Spanish in the classroom (46-49% "preferred" Spanish).
- More than one-quarter (28%) had no education beyond high school.
- More than half reported having an AA or BA degree, almost always from institutions outside the US.

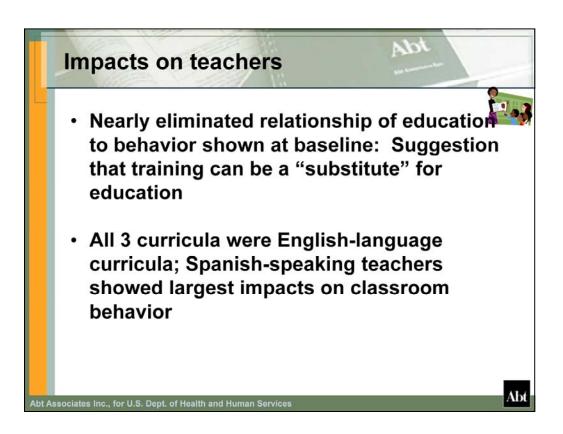


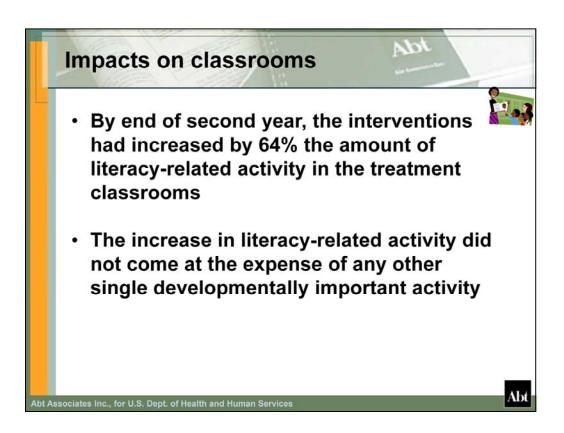
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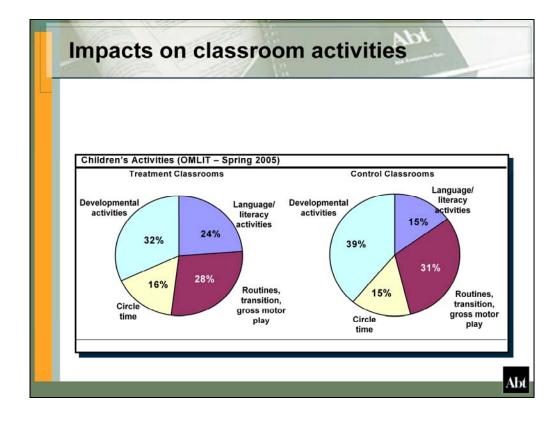
## Impacts on teachers & classroom environment (OMLIT observations)

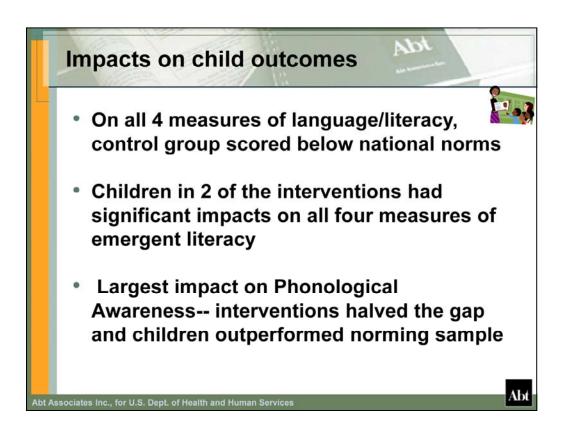
	Spring 2004	Spring 2005
Construct	Effect size	Effect size
Support for Oral Language	.59***	.61***
Support for Phonological Awareness	ns	.49**
Support for Print Knowledge	.53**	.74***
Support for Print Motivation	.58***	43**
Literacy Resources	ns	.28*
Literacy Activities	.39*	.80***

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	Treatment 1	Treatment 2	Treatment 3
	(RSL)	(BELL)	(BTL)
Measure	Effect size	Effect size	Effect size
Definitional vocabulary	.28*	ns	.31**
Phonological awareness	.35**	ns	.44***
Print knowledge	.65 ***	ns	.60 ***
Early literacy index	.51 ***	ns	.54***
nt knowledge	.65 ***	ns	.60 ***

- Impacts on children's language and literacy skills analyzed in three-level hierarchical linear models: children (level 1) nested in classrooms (level 2) and classrooms nested in randomization blocks (level 3)
- Treatment impacts were estimated in models that controlled for child's age, sex and home language, class-level mean LAP-D scores measured in Fall 2004, block variables (dominant language of teacher/size of center)

