

# What can we learn from 5+ years of ISTAR-KR?

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Indiana Standards Tool for Alternate Reporting -  
Kindergarten Readiness

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## Number of Children x Age in ISTAR-KR Over Time

	2009	2010	2011	2012	2013*	2014
<b>0-3</b>	812	780	688	1,744	40	1,432
<b>Preschool</b>	17,260	15,135	15,284	16,735	8,258	7,375
<b>Kindergarten</b>	8,353	9,045	8,914	9,303	5,185	4,505
<b>Older</b>	383	724	1,209	1,123	778	757
<b>Total</b>	26,808	25,684	26,095	28,905	14,261	14,069

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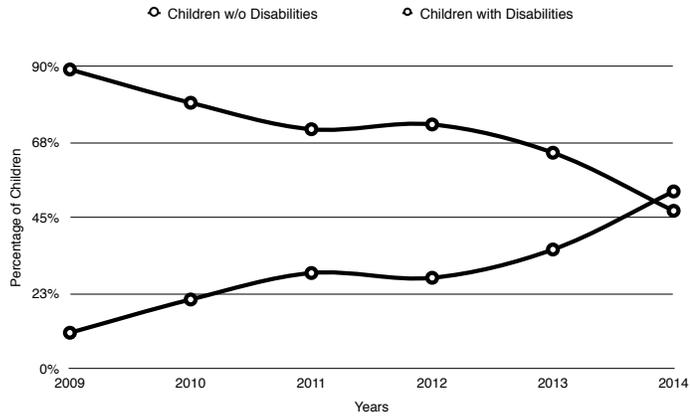
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## Percentage of Children With and Without Disabilities




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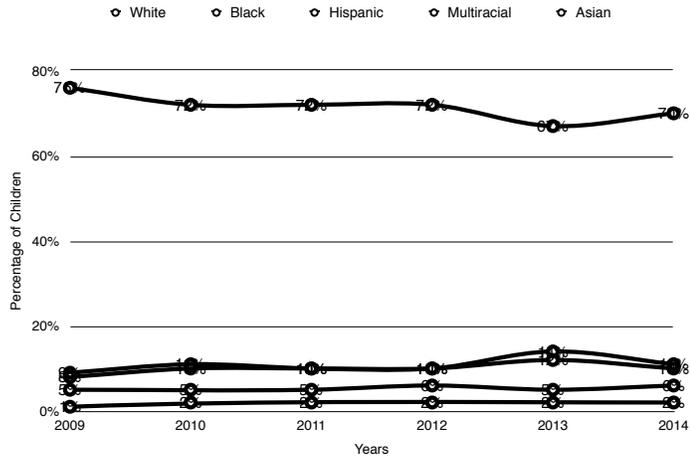
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## Children's Race Over Time




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## What changes do we see?

Developmental gains?

Learning rates?

Readiness for kindergarten?

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## Developmental Gains

- Entry and Exit developmental scores
- Gain in terms of developmental months
- Create *outcome* categories

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## Differences During Preschool

<b>Age at Entry</b>	51.3 mos
<b>Time in PreK</b>	10.0 mos.
<b>% White</b>	72.3%
<b>% Disability</b>	78.0%

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# Differences During Preschool

	Initial Score	Exit Score	Gains in PreK
English Language Arts	41	53	13
Mathematics	40	52	13
Social-Emotional	43	51	8

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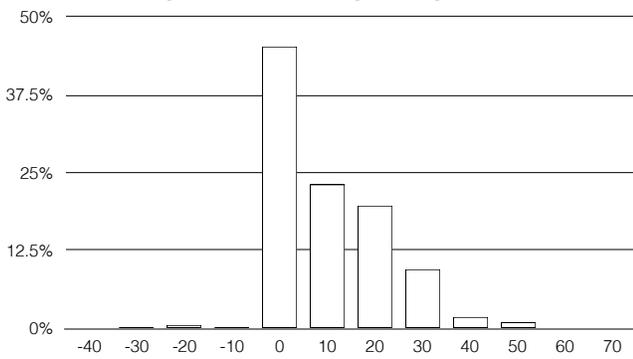
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## % of Children Making Gains in English Language Arts




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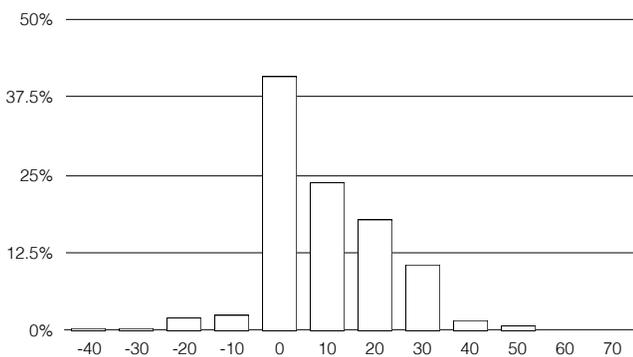
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## % of Children Making Gains in Mathematics




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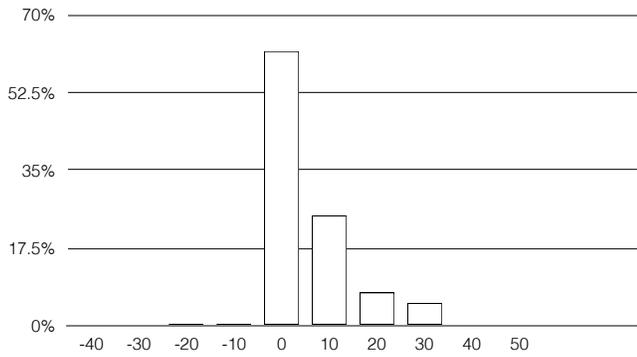
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## % of Children Making Gains in Social




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## Differences During Preschool (Children w/o Disabilities)

	Initial Score	Exit Score	Gains in PreK
English Language Arts	44	58	13
Mathematics	43	57	14
Social-Emotional	45	54	8

With Average Time in PreK of 8 months

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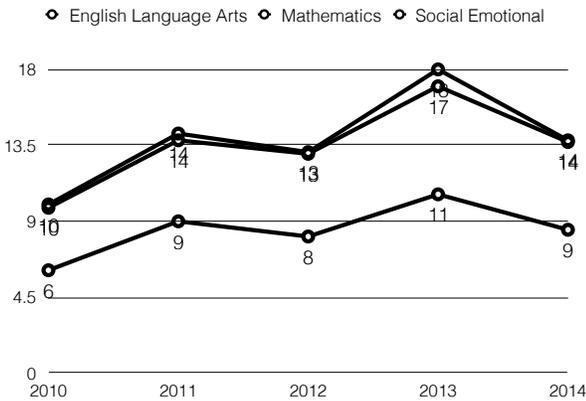
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Developmental Gains Across Years  
(Children w/o Disabilities)

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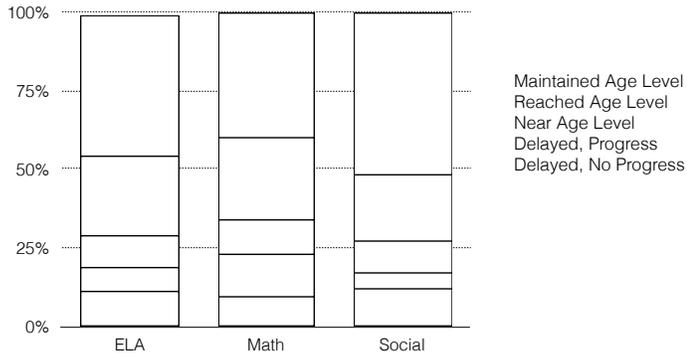
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## Developmental Outcomes 2009-2014 (Children w/o Disabilities)




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## Compare Rates of Learning & Development

Compare to rate of typical development  
(each month of age = 1 month development)

Plot rate based on Initial Assessment

Plot rate based on Exit Assessment

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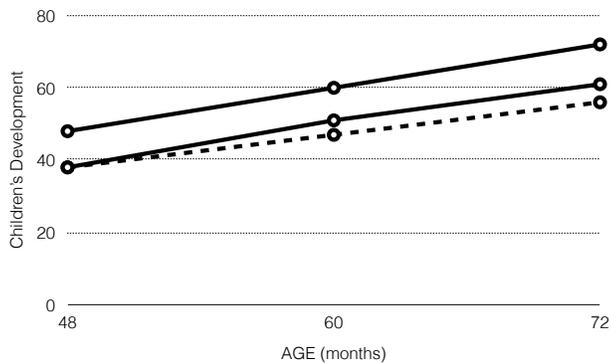
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## Comparing Learning Rates (Children with Disabilities)




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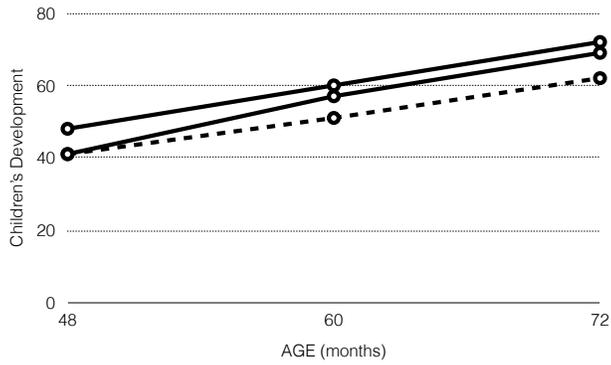
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# Comparing Learning Rates

(Children without Disabilities)



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# Kindergarten Readiness

- Identify critical skills children need
- Determine % of those skills present

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# Closing

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