

# Predictive Analytics - Overview of Potential Uses and Applications:

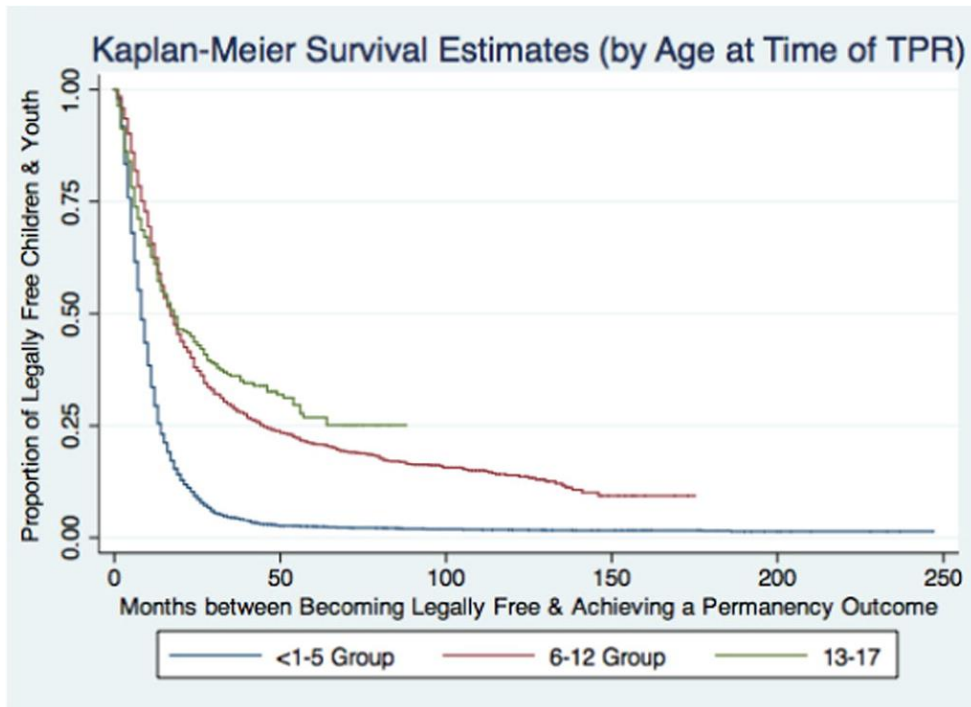
## ROM in Colorado

Monday, June 20, 2016

# Predictive Analytic Projects in Colorado

- ▶ Risk of Emancipation for Children Legally Freed for Adoption
- ▶ Risk of Re-Entry after Reunification
- ▶ Risk of Congregate Care Placement for First Time Removals

# Factors affecting permanency for legally free children & youth: A study of Colorado's legally free population across age groups, 2008-2014



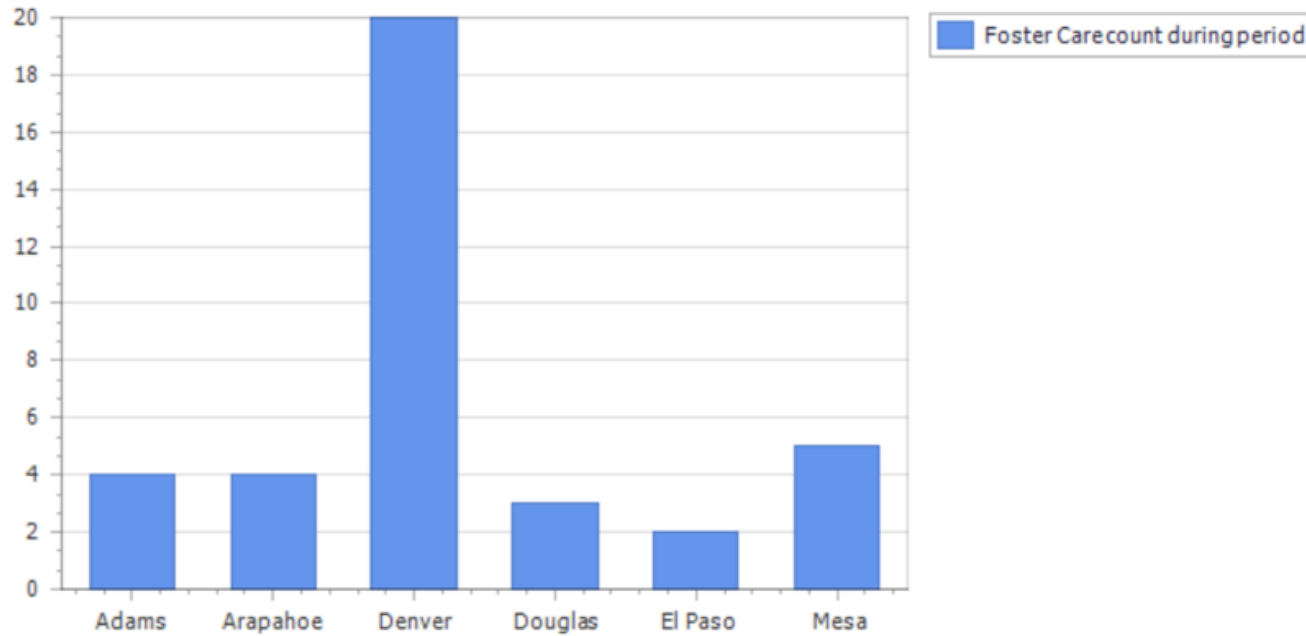
- ▶ Race - African American  
27% lower “risk” of achieving permanency
- ▶ Number of Prior Involvements  
12% lower “risk” / involvement
- ▶ Permanency Goal - OPPLA  
95% lower “risk”
- ▶ Age Legally Freed  
2% lower “risk” / year
- ▶ Number of Placements  
4% lower “risk” / placement setting
- ▶ Time Spent in Congregate Care and Family Like Settings  
2% lower “risk” / month

# Using ROM to Identify High Risk Kids

- ▶ Use Filters and Crosstabs in ROM to Create lists of children at highest risk of emancipation:
  - ▶ TPR Status = 'Yes'
  - ▶ Race = 'African American'
  - ▶ More than two placements
  - ▶ Current length of Stay > 24 months

# High Risk of Emancipation by County

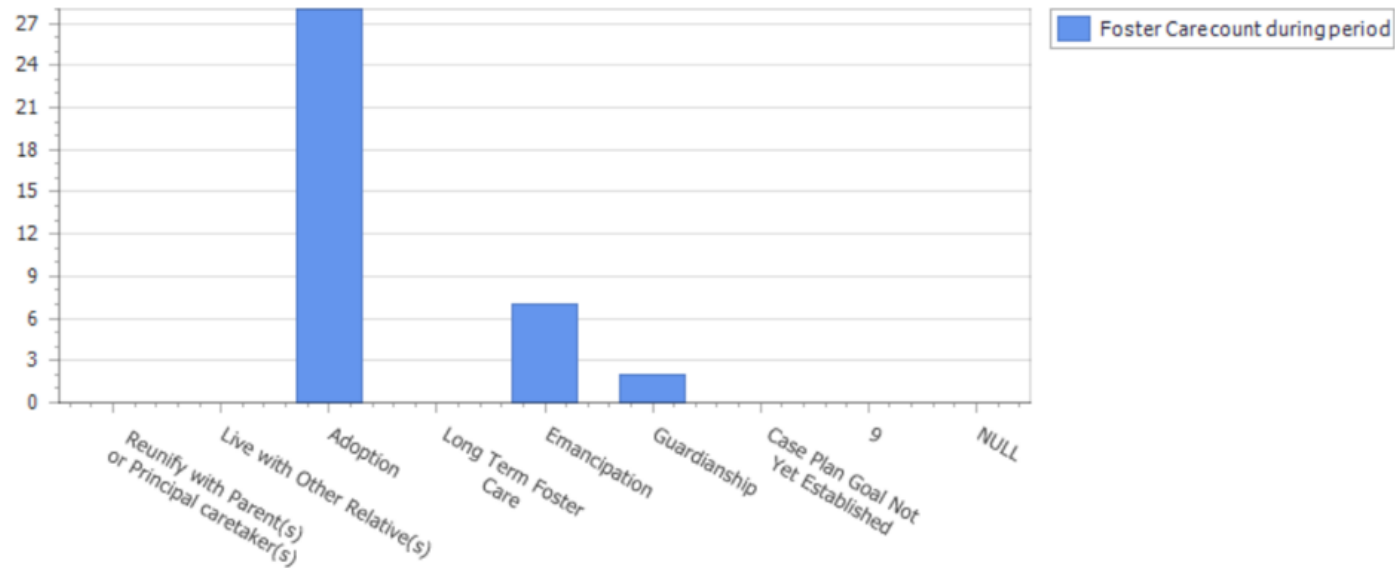
Children in Out-of-Home Care/New Removals  
 Children in out-of-home care and children entering out-of-home care  
 (new removals)  
 Report Time Period: June 1, 2015 - June 17, 2016



Report Period	Adams	Arapahoe	Denver	Douglas	El Paso	Mesa	Statewide
- Foster Care count during period	4 100.0%	4 100.0%	20 100.0%	3 100.0%	2 100.0%	5 100.0%	38 100.0%

# High Risk of Emancipation by Permanency Goal

Children in Out-of-Home Care/New Removals  
 Children in out-of-home care and children entering out-of-home care  
 (new removals)  
 Report Time Period: June 1, 2015 - June 17, 2016



Reunify with Parent(s) or Principal caretaker(s)	Live with Other Relative(s)	Adoption	Long Term Foster Care	Emancipation	Guardianship	Case Plan Goal Not Yet Established
0	0	28	0	7	2	0
0.0%	0.0%	100.0%	0.0%	100.0%	100.0%	0.0%

# Future of ROM and Predictive Analyses



- ▶ Incorporating advanced analytics into the ROM application for all States
- ▶ Custom reports for Colorado

# Thank You

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