

Commonwealth of Virginia – OCS

Social Network Analysis Reporting Examples

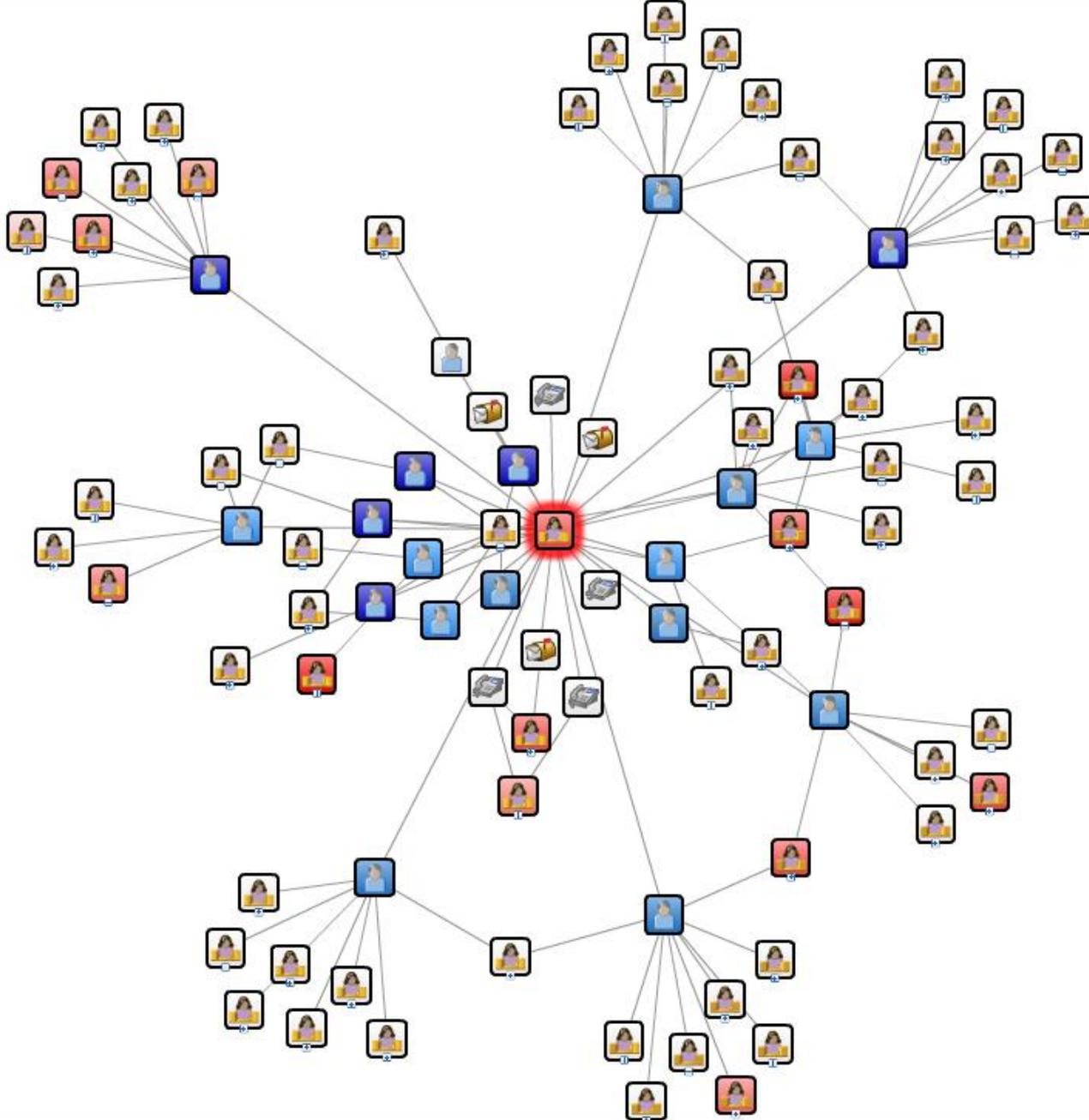
SAS Advanced Analytics Lab
September 2012



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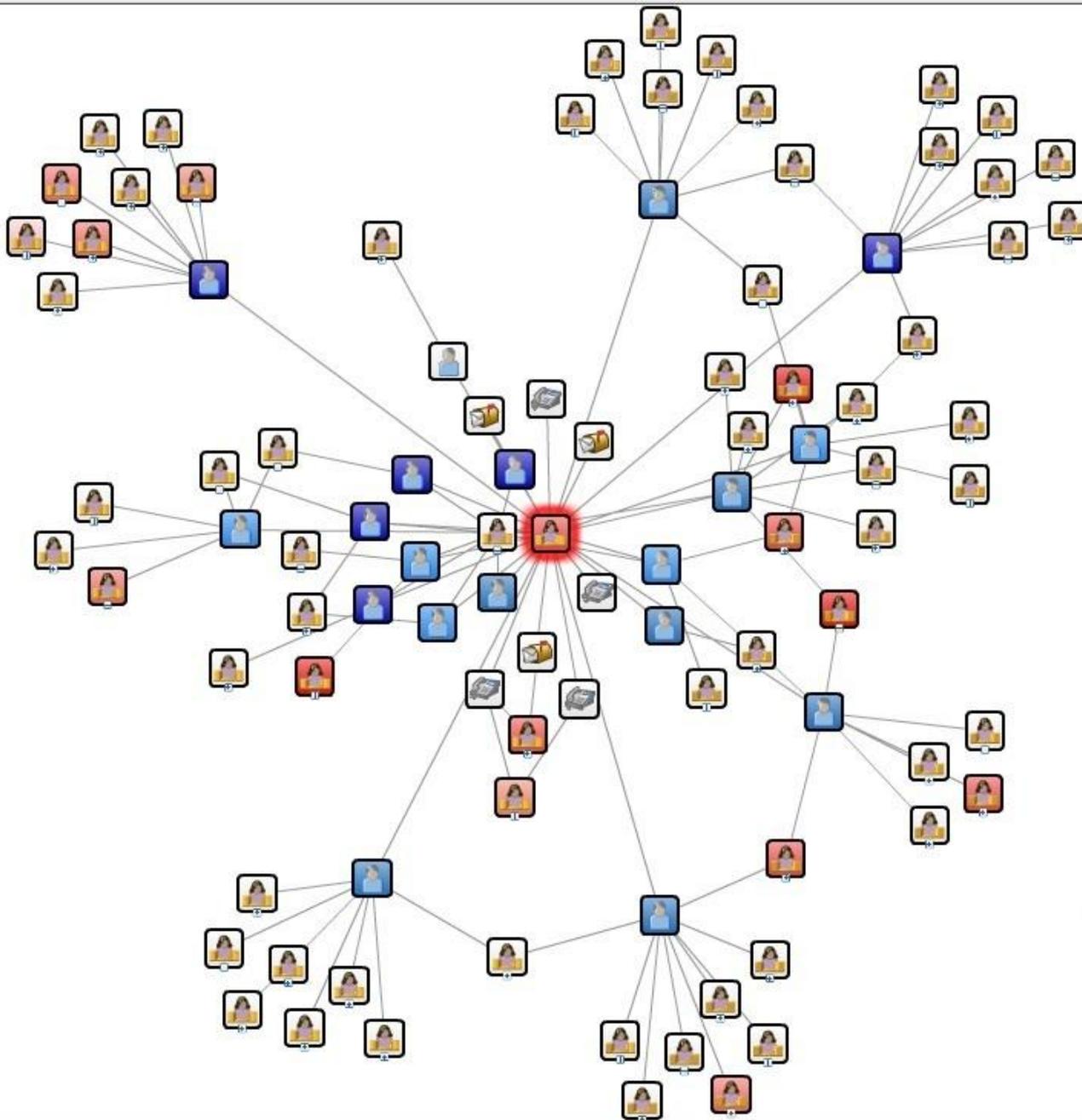
Social Network Analysis

- Includes child need data, service data, local provider cost data, and relevant outcome measures
- Captures relationships between children and providers, a child and other children, and providers with other providers
- Uses risk-adjusted measures of provider cost
- Uses standardized measures of child need
- Enables a dynamic view of the complexity of services provided to the child over time



Legend

Icons	Colors
	Client
	Billing Address
	Provider
	Business Phone



Social Network Shows:

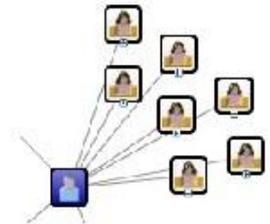
Child Need in Blue:
Darker Blue = Greater Need



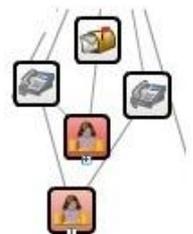
Provider Risk-adjusted Fees:
More Red = Higher Costs



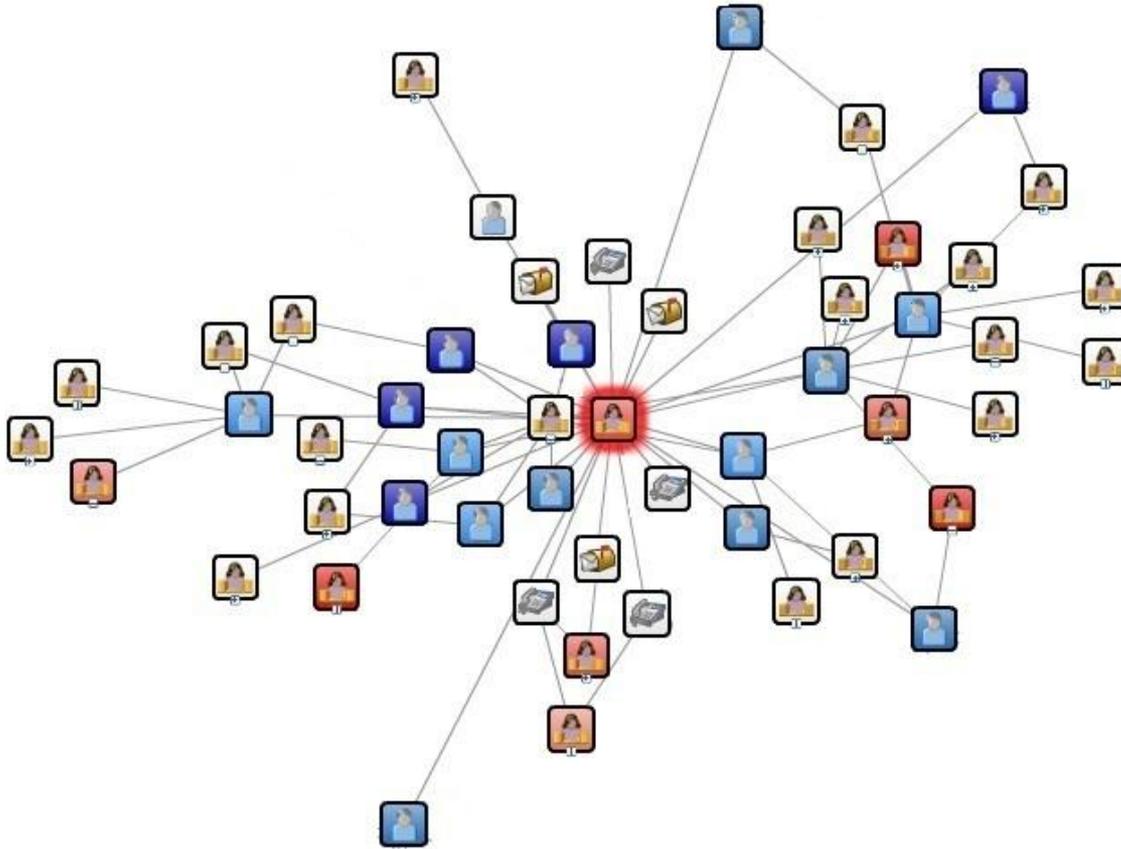
Connections between Child
and Provider

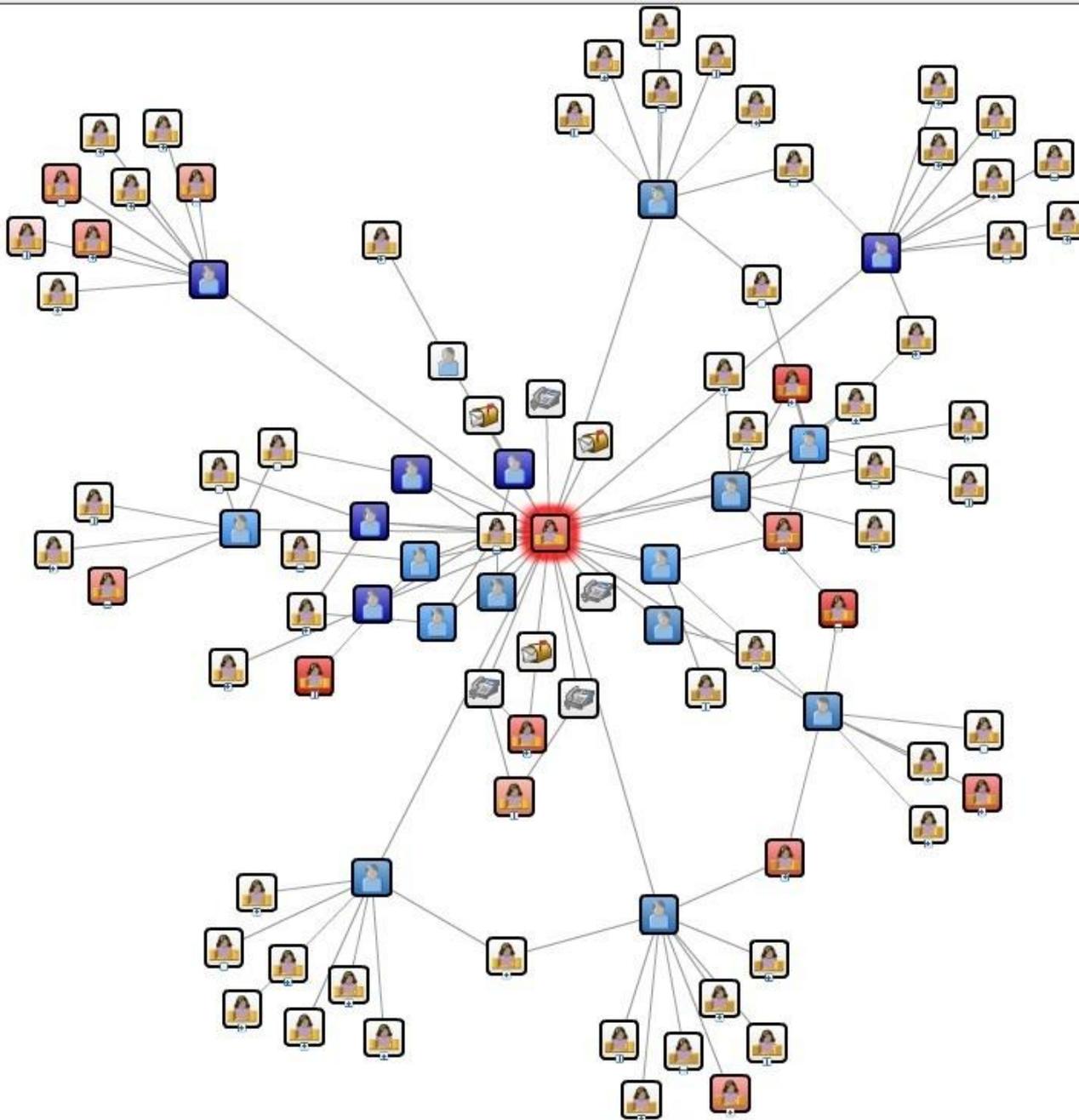


Connections between
Provider and Provider



Small Networks....





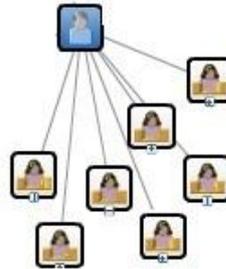
... Grow over Time

Yes, these are real
Virginia children and
providers

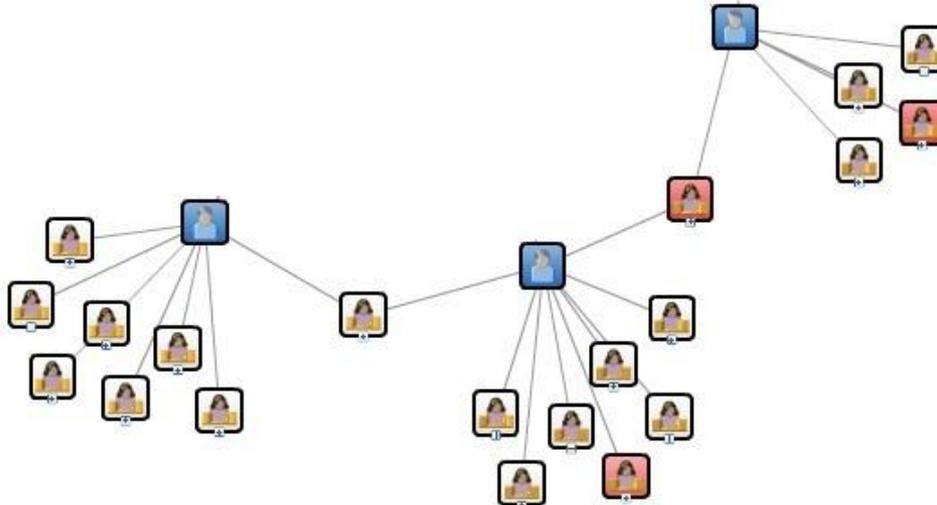
A Single Child first served
by one provider...



Is later served by other providers...



Who serve other children...



What is being done to coordinate services?
What accounts for differences in costs for providers serving children with similar needs?



SAS Solutions OnDemand