



# National Conference of State Legislators: Early Learning Fellows Program

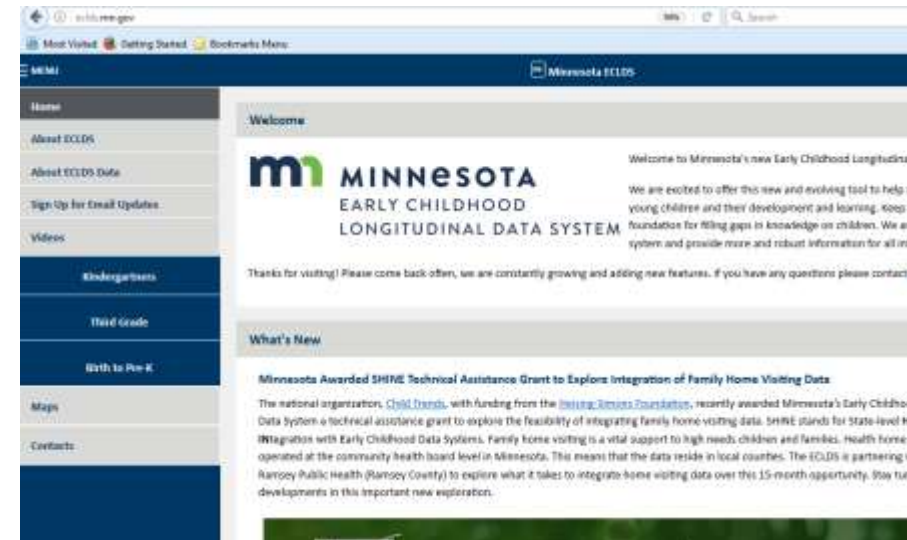
August 27, 2018

Anita M. Larson

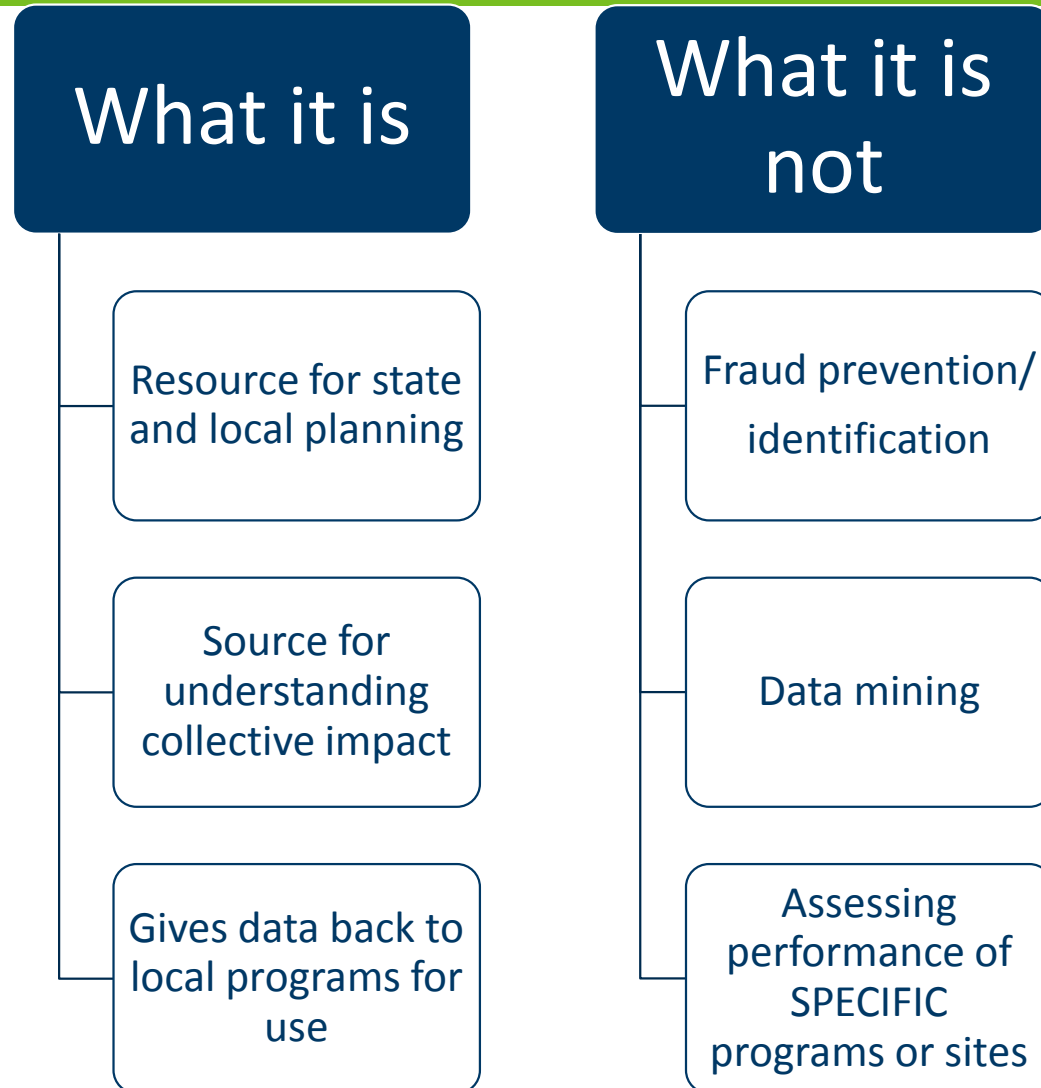
ECLDS Lead, Statewide Testing and Assessment

# Minnesota's Early Childhood Longitudinal Data System (ECLDS)

- Links data from state departments of health, human services and education
- Federally funded: RTT-ELC (\$6 mill.) & SLDS-IES (\$3.5 mill.)
- All data are de-identified before use
  - *Four (4) state IT employees have access to identified data for linking and QA purposes*
- Data are aggregated (grouped)
- Small Ns (< 10) are suppressed
- System has been reviewed and approved for human protections by academic institutional review board (IRB)

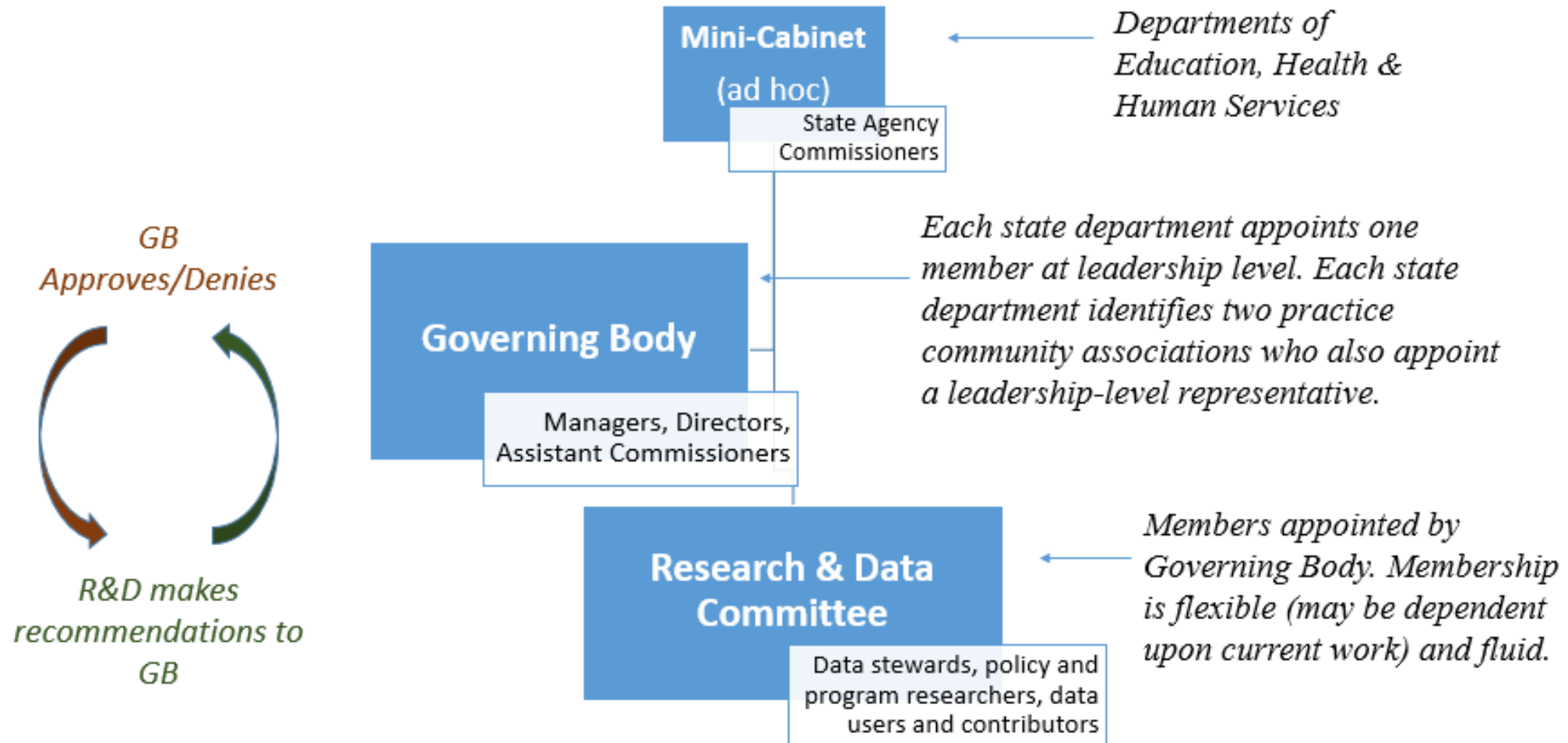


# Minnesota's Early Childhood Longitudinal Data System (ECLDS): Purposes



# Minnesota's Early Childhood Longitudinal System: Governance

## Minnesota's ECLDS (ECIDS) Governance



# Minnesota's Early Childhood Longitudinal Data System (ECLDS): Policy questions

- **What do we know about the children participating in Minnesota's early care and education programs?**
  - *Demographics, disability, program combinations*
  
- **What is the status of children after participating in early care and education programs?**
  - *Special education use and attendance in the early grades, third grade test scores*

# Minnesota's Early Childhood Longitudinal Data System (ECLDS): New knowledge

For the first time....

- **We can see how families access multiple programs**
  - 45% of 2016-17 kindergartners were in publicly-funded ECE programs
- **The degree to which we are reaching targeted populations**
  - 60% of 2016-17 African American kindergartners participated in public ECE programs; 41% of 2016-17 kindergartners were on SNAP or TANF

# Minnesota's Early Childhood Longitudinal Data System (ECLDS): **New knowledge**

- **How children are doing in elementary school**

- Part C

Children who participated in Early Childhood Special Education (Part C) and do not need special education in 3<sup>rd</sup> grade are nearly as proficient in reading by 3<sup>rd</sup> grade as the general student population (55.1% compared to 56.7%)

- Low birth weight

Among 2016-17 3<sup>rd</sup> graders, 59.1% were proficient in mathematics who were low weight at birth compared to their normal weight peers who were 70.7% proficient.

- Maternal education at birth

During the 2016-17 school year, 67.6% of 3<sup>rd</sup> grader's whose mothers had more than a high school diploma attended school at least 96% compared to 3<sup>rd</sup> whose mothers had less than a high school diploma (52.1%).

# Minnesota's Early Childhood Longitudinal Data System (ECLDS): **New knowledge**

- **The drop in teen parents**

- There are so few teen parents in Minnesota that we are only able to share data on them in the broad age group of under age 20.

- **Disparities within disparities to which we can give our attention**


- While many children who participate in ECSE/Part C do not need special education by 3<sup>rd</sup> grade this is not true for all disability types (e.g. emotional behavioral disorders or autism spectrum disorders).



# Minnesota's Early Childhood Longitudinal Data System: A Demonstration & Activity

## Demonstration

### Activity

1. Navigate to [eclids.mn.gov](http://eclids.mn.gov)
2. Select a set of reports of interest: Kindergartners, Third Grade, Birth to PreK
3. Select a report within the group of interest
4. Explore filters  for time periods, child or family characteristics, or different geographies.
5. What did you learn?

# Questions and Thank you

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