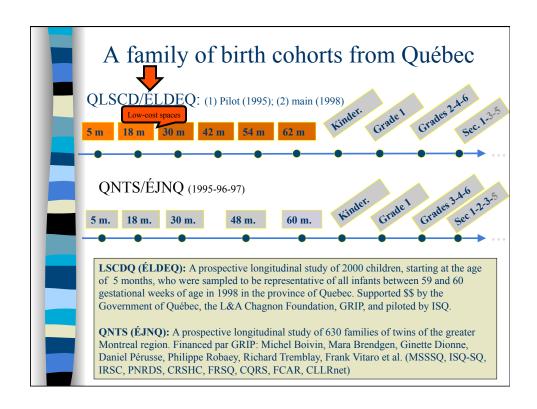


Important milestones in the establishment of the Québec subsidized low-cost childcare system

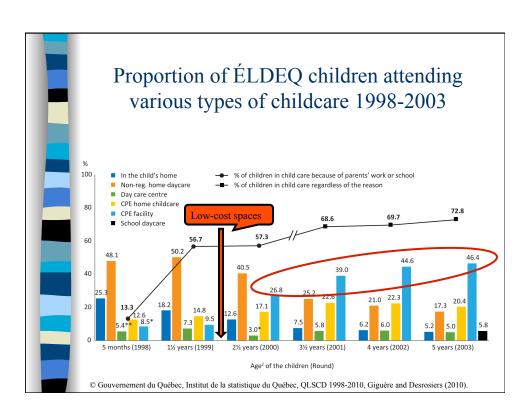
- 1997: Creation of The Ministère de la Famille et de l'Enfance (MFE) and new family policy measures including the gradual implementation of educational childcares for young children, school daycares and full-time kindergarten.
 - Children aged 4 (1997), Children aged 3 (1998), Children aged 2 (1999)
 - Children aged less than 2 (2000) become eligible for low-cost subsidized childcare (\$5 / day)
- 2004 : Contribution of parents raised to 7\$/day
- 2006 : New universal parental leave program (more accessible, more flexible and more generous in \$\$).
- 2012: total of 217,842 spaces in regulated/subsidized childcare (235K in 2016)
 - 1435 CPE (85,046), 651 daycares (41,171), 164 offices family-cares (91,626)
 - 596 non-subsidized daycares (31,935)
- A learning program centered on play, aimed at the multifaceted components of development: e.g., socioemotional, language, motor, adjusting to the child's pace, with linkages with the family and other services.

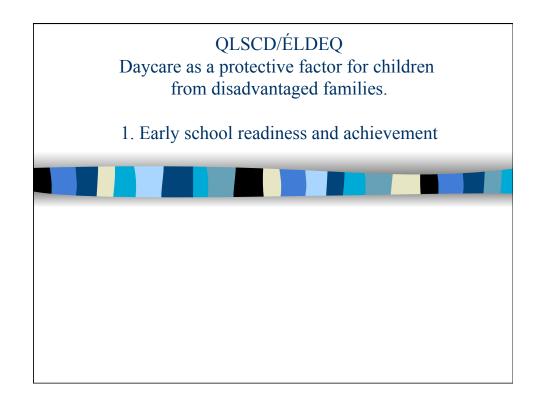


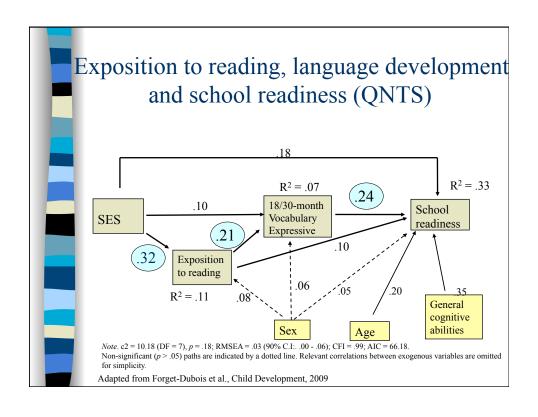
Assessing childcare in ÉLDEQ

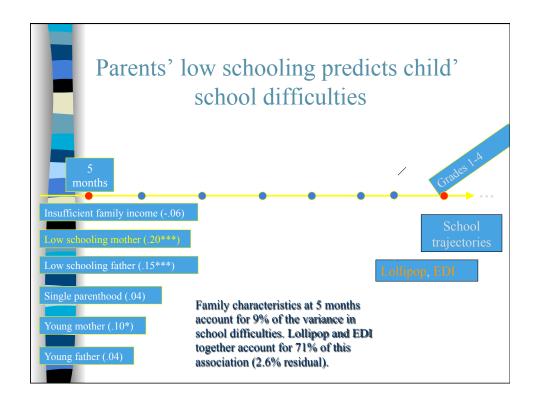
- Source: PMK (i.e., mothers)
- Computerized Questionnaire Completed by the Interviewer
- Most questions adapted from NLSCY
- Questions about the use of childcare, the type of childcare, the number of hours/week
- These questions can then be used to compute specific scores related to the use/type of childcare

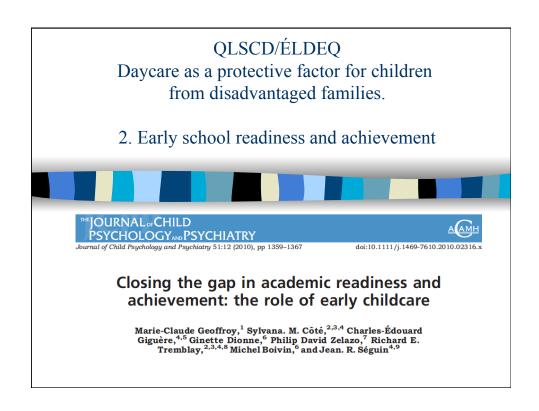


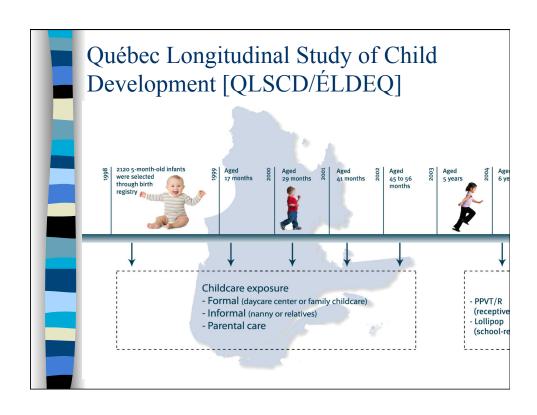












Method

Primary childcare arrangements

- PMK; i.e., mothers assessments of time spent averaged over years), then classified into three broad categories:
 - (1) *Formal childcare*: by nonrelative in residential/nonresidential 'school-like' settings;
 - (2) *Informal childcare*: by relatives in a residential home, or by a non-relative in children's own home (e.g., nanny);
 - (3) Parental care: not in childcare, was used here as the reference category.

Analyses

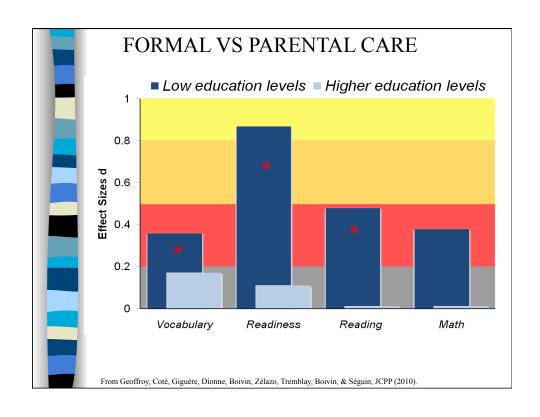
Maternal education levels: low 15% sample; higher 85% sample Childcare exposure (formal/informal/parental care)

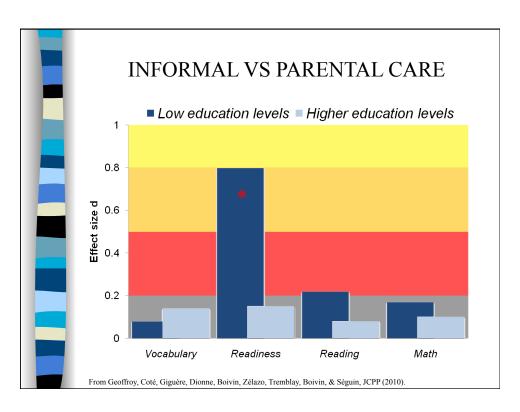
Maternal education*childcare exposure

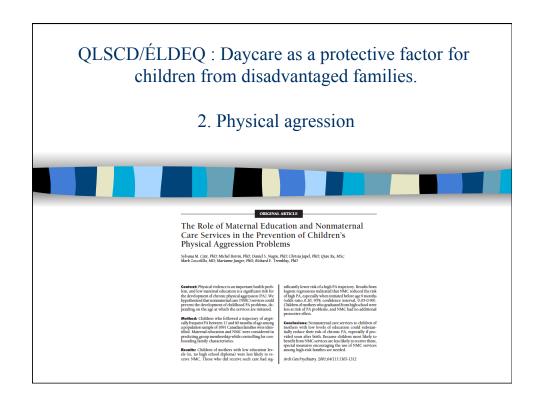
Potential Confounding Factors

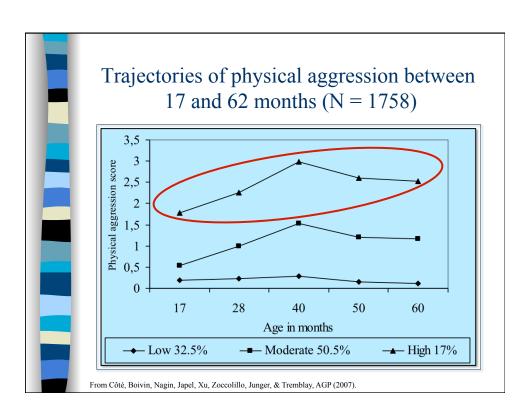
Sex, birth weight, breastfeeding, birth order, insufficient income, maternal age, maternal verbal skills, depressive symptoms, home levels of stimulation, overprotection, parental impact.

From Geoffroy, Coté, Giguère, Dionne, Boivin, Zélazo, Tremblay, Boivin, & Séguin, JCPP (2010).









Method

Primary childcare arrangements

- PMK; i.e., mothers assessments of time spent in different childcare arrangements between 3 and 31 months of age.
- NonMaternal Care categories distinguished among children who initiated NMC at different time points.
 - (1) NonMaternal care at/after 9 months: 79,6% (n = 1346);
 - (2) NonMaternal care before 9 months: 13.8% (n = 234);
 - (3) **Parental care**: not in childcare ever in preschool: 6.6% (n = 111).

Analyses

Maternal education levels

Childcare exposure (NMC before 9 / NMC after 9 / Never)

Maternal education*childcare exposure

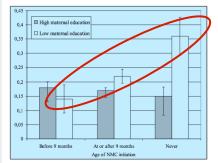
Potential Confounding Factors

Sex, birth weight, breastfeeding, birth order, insufficient income, maternal age, maternal verbal skills, depressive symptoms, home levels of stimulation, overprotection, parental impact.

From Geoffroy, Coté, Giguère, Dionne, Boivin, Zélazo, Tremblay, Boivin, & Séguin, JCPP (2010).

Maternal Education and Timing of Non-Maternal Care Initiation predict High Physical Aggression Trajectory (n= 1691)

Controls



- Mother age (21 and less), Maternal antisocial (fighting, stealing in high school), Mother depression (at least one major dep life), Drinking (max in one occasion), Maternal work/study (or not)
- Child sex, temperament, preterm birth, birth weight and birth health.
- Insufficient income, marital status, n of siblings
- Family dys(function), parental perceptions and behaviors (self-efficacy, hostile-raeactive behavior, overprotection, perception of impact)

From Côté, Boivin, Nagin, Japel, Xu, Zoccolillo, Junger, & Tremblay, AGP (2007).

Conclusion

- ÉLDEQ is population representative; i.e., a valuable tool to measure policy reach.
- ÉLDEQ also found protective « effects » of childcare for children from at risk families (i.e., low education) in line with previous experimental and correlational ctudies
 - cognitive school readiness: benefits more important for formal (vs informal) daycare
 - Physical agression: benefits more important if childcare began before age 9 months, possibly due to:
 - Reduced exposure to family risk
 - Increased exposure to quality early learning experiences

All important results with policy implications

- But not a panacea; Main caveats:
 - ÉLDEQ is longitudinal, but still correlational; thus limited causal inference
 - Looks back in time
 - Quantity rather than quality of childcare
 - Mainly relies on mother ratings
 - Access to quality daycare for children from disandvantaged families

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