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# Prevalence of FASD in young Aboriginal children living off reserve in Canada

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## Prevalence

- Public Health Agency of Canada: 9 in 1000 births
  - from Sampson et al., 1997- US
- Subpopulations: 0.009 to 23.3%
  - Tough and Jack, 2011
- Dependent on method and population characteristics
  - May et al., 2009



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## Aboriginal Children's Survey

- 2006 post-censal survey
- Population: estimated 135,000 Aboriginal children (0 to 5 years) living off reserve in Canada

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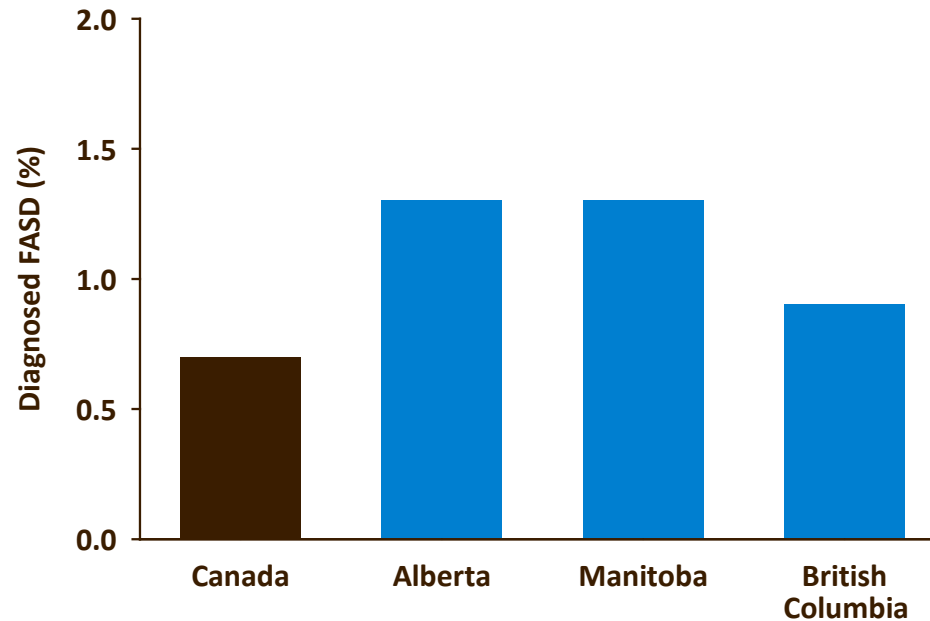


## Aboriginal Children's Survey

Aboriginal identification	School
Child health	Child care
Food and nutrition	Language
Sleep	Strengths and difficulties
Developmental milestones	Learning and activities
Nurturing	Parent profile

# Canadian Region

Percentage diagnosed with FASD by region  
Canadian Aboriginal children aged 0 to 5



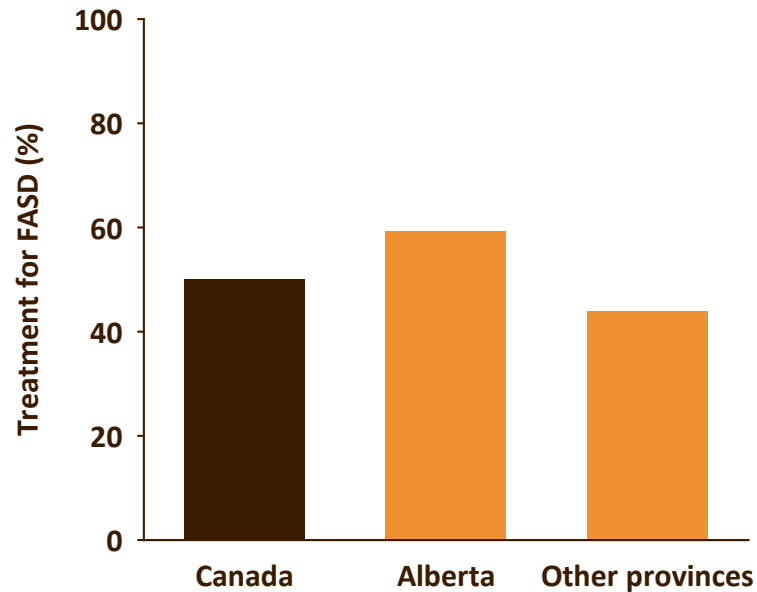
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# Canadian Region

**Percentage who received treatment for FASD by region  
Canadian Aboriginal children diagnosed with FASD aged 0 to 5**

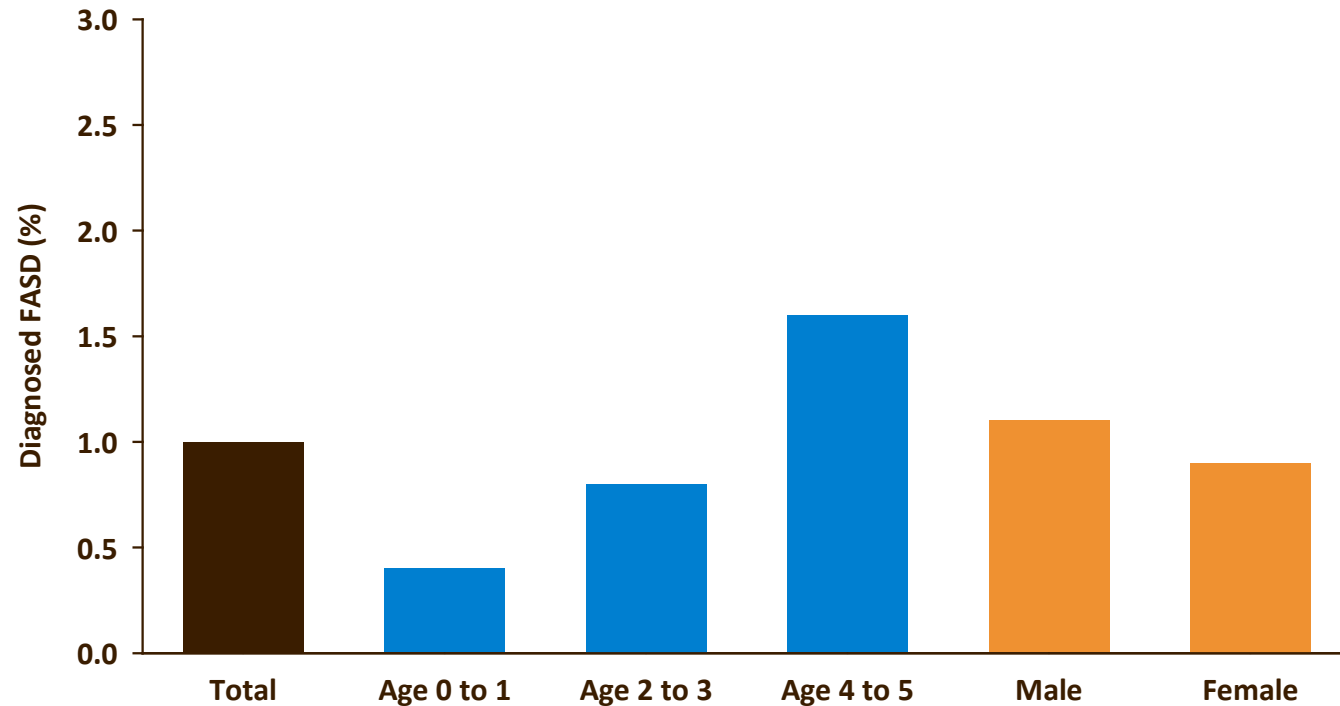


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# Western Canada

**Percentage diagnosed with FASD by age and gender  
Aboriginal children aged 0 to 5 living in Western Canada**

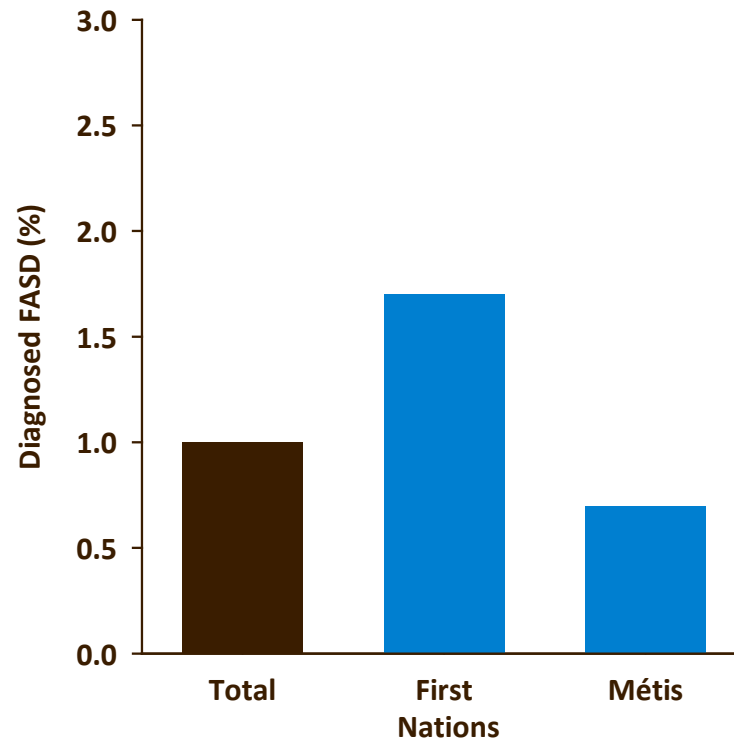


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# Western Canada

**Percentage diagnosed with FASD by  
Aboriginal identity  
Aboriginal children aged 0 to 5 living in Western Canada**



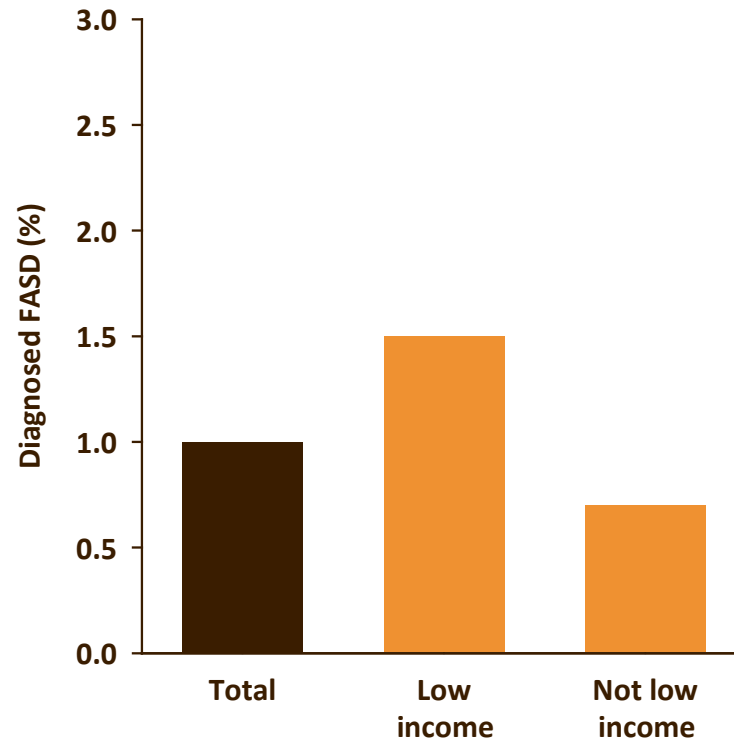
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# Western Canada

**Percentage diagnosed with FASD by  
low-income status  
Aboriginal children aged 0 to 5 living in Western Canada**

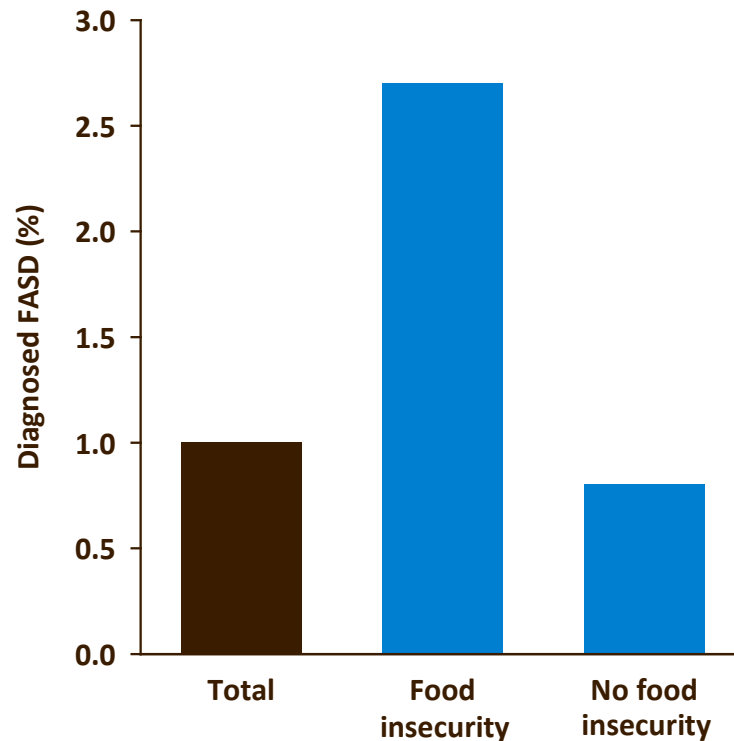


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# Western Canada

**Percentage diagnosed with FASD by  
food insecurity experience  
Aboriginal children aged 0 to 5 living in Western Canada**

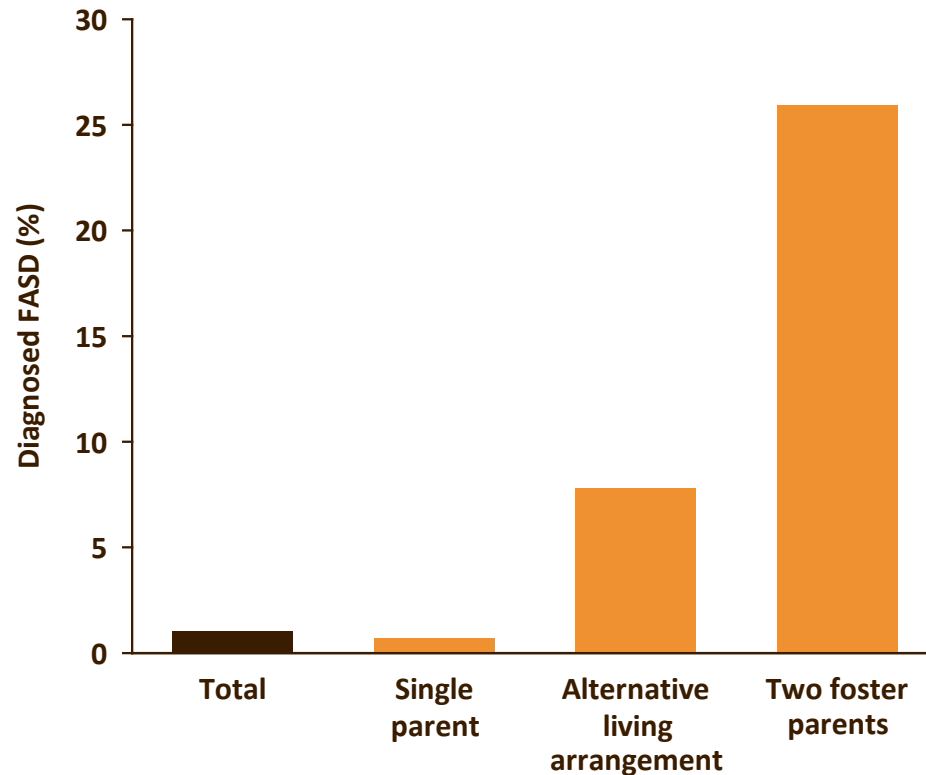


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# Western Canada

**Percentage diagnosed with FASD by living arrangement  
Aboriginal children aged 0 to 5 living in Western Canada**



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## Summary

- The estimated prevalence rate of FASD among young Aboriginal children living off reserve in Canada is 0.7%.
- Treatment rates were relatively low.
- Children with FASD experience other challenges such as low income, food insecurity, and requiring foster care placement.



## Reports

- Werk, C.M., Tough, S., & Cui, X. (2013). Fetal Alcohol Spectrum Disorder among young Aboriginal children living off reserve. *First Peoples Child & Family Review*, 8(1), 2013.
- Werk, C.M., Cui, X., & Tough, S. (2013). Health of young Aboriginal children living off reserve. *Pimatisiwin*, 11(2), 197-213.





## Future Directions

- Child and Youth Data Lab (CYDL)
- Health
- Family Support for Children with Disabilities (FSCD)
- Focus on service use prevalence and secondary disabilities (mental health, school performance, correctional involvement, child intervention services, etc.)