



# ***GLOBAL CONCERNS OF FASD***

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2<sup>ND</sup> HAWAII CONFERENCE ON FASD

SEPTEMBER 18, 2019

ANN S. YABUSAKI, PH.D., MFT

# ***WHO: FASD is a Global Public Health Concern***

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1. Alcohol use during pregnancy is increasing
2. ~50% of pregnancies are unplanned



# ***Prevalence of FASD? (FAS vs. FASD)***

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## **Early Evidence of Fetal Alcohol Syndrome (FAS)**

- 17<sup>th</sup> and 18<sup>th</sup> C warnings against drinking while pregnant
- ~1860 French MD described children: “small heads, peculiar facial features & an imperfect look”
- 1973: Jones & Smith identified pattern of malformations and named the pattern Fetal Alcohol Syndrome (FAS)
- 1988: Congress passed Alcoholic Beverage Labeling Act



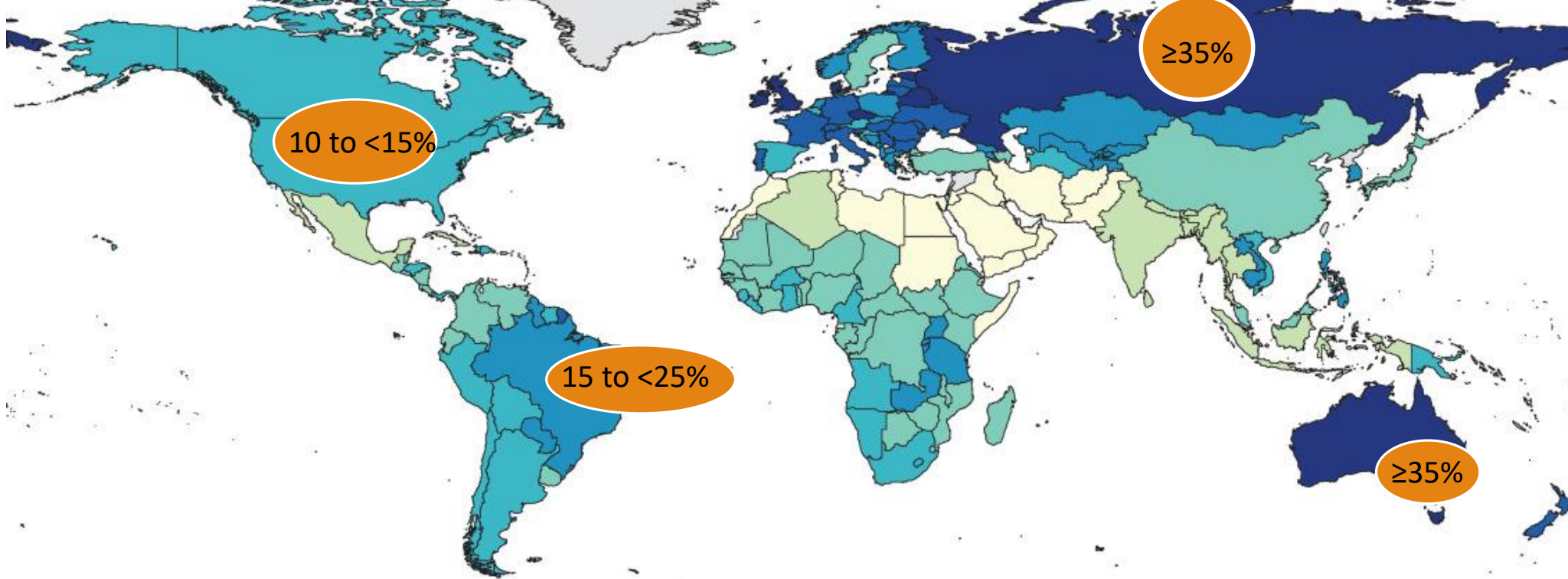
# ***Fetal Alcohol Spectrum Disorders (FASD)***

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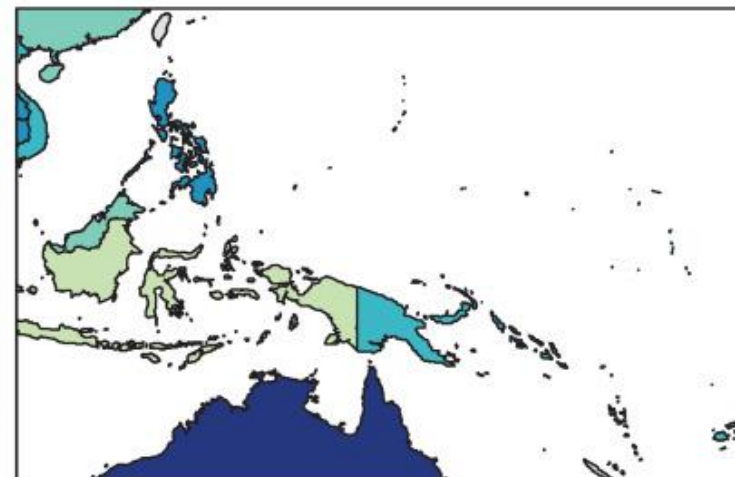
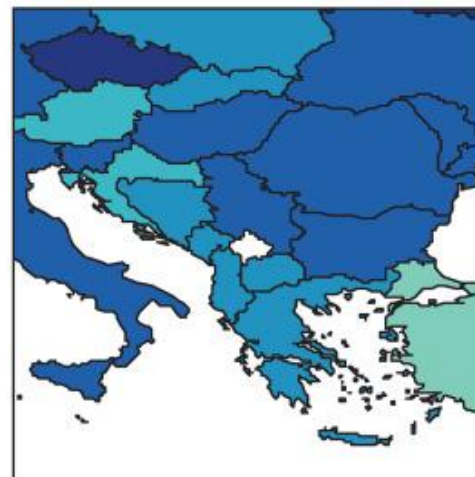
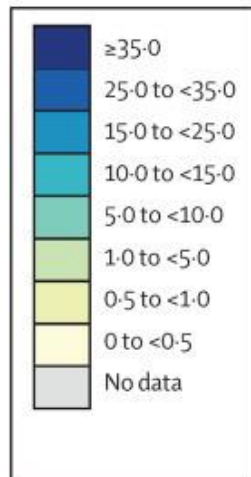
- Not all children with FAS looked or acted the same
- FASD describes a range of birth defects due to prenatal alcohol exposure
- **FAS is the most severe and visibly identified form of FASD**
- **FAS represents 10% of individuals on the spectrum**

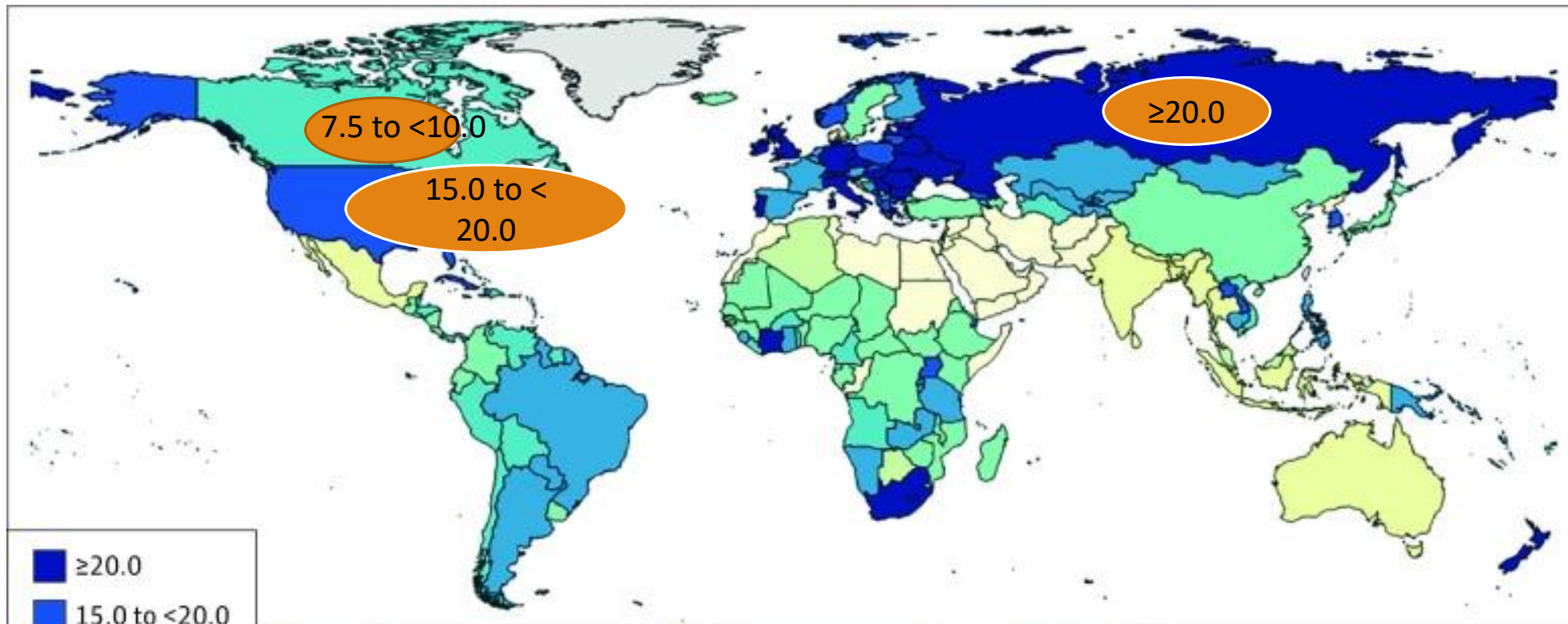


SAMHSA, FASD Center for Excellence *Curriculum for Addiction Professionals*, 2014.

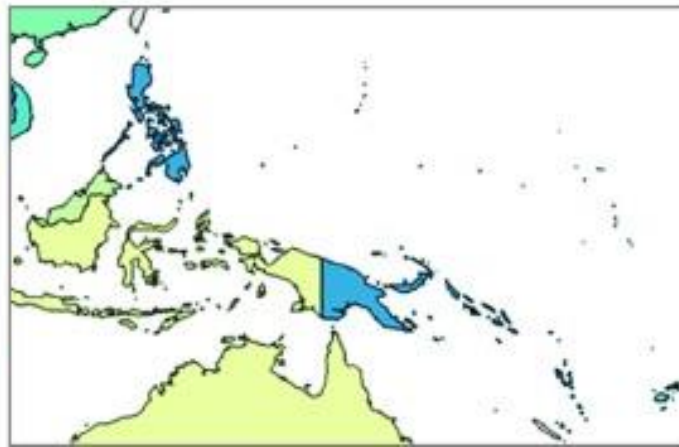


**Global prevalence (%) of alcohol use (any amount) during pregnancy among the general population in 2012.**





**Global prevalence of FAS (per 10,000 people) in 2012.**



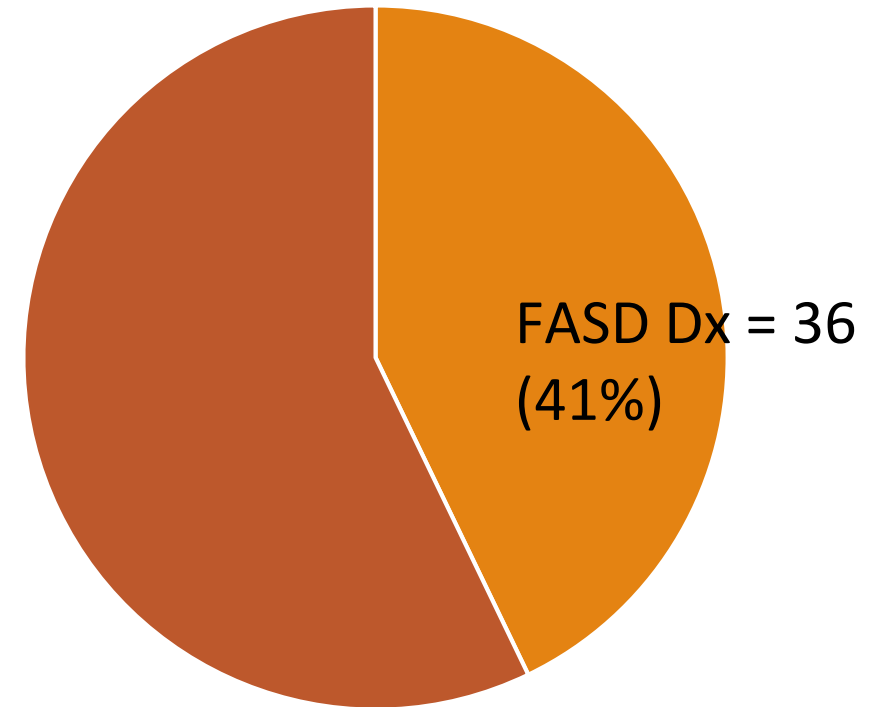
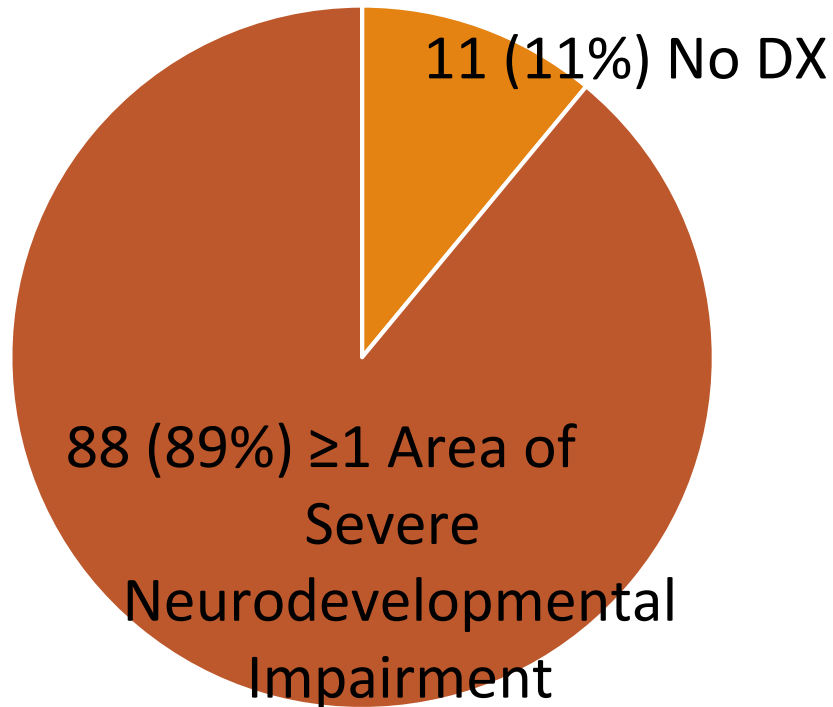
## *Translation:*

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“~119,000 children are born with FAS in the world every year”



# Study 1: Youth Ages 10-17 Sentenced to Detention in Western Australia (N=99)



■ FASD Dx ■ Severe ■ ■



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## *Resulting Policy & Practice Initiatives*

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1. Conduct comprehensive neurodevelopmental & health assessments
2. Train officers to recognize and care for individuals with impairments.
3. Train and change practices for police, child protection, education, health, and law.



## ***Study 2: FASD in the United States***

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1. One in 20 first grade students (5%) diagnosed with FASD (N=6,500)
2. ~95% of people with FASD are un- or missed diagnosed



# *Our Kuleana*

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**FASD &  
Systems  
of Care**

- Substance use
- Mental Health
- Education
- Criminal Justice
- Homeless
- Foster care

# ***Mahalo nui loa!***

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## ***Together, let's make a difference!***