







Risk Factors

- Only seen in mothers that drink!
- Increased risk with age and parity
- Genetic factors suggested in twins
- While from '85-'88 there was decline in mothers that drank (32% 20%), there was no decline in
 - less well educated, smokers, unmarried, <25 age
- >=2 drinks/day considered at substantial risk
- >=3 drinks/day prior to recognition imparts significant risk
- >=1.6 drinks/day lead to neurobehavioral symptoms
- >=18 drinks/day give 30-33% chance of a child with FAS
- Heavy drinking more harmful than moderate more frequent drinking at particular times

Risk Factors – Timing of Drinking during Pregnancy

- Facial abnormalities develop 6 through 9 weeks into gestation.
- Brain development occurs throughout gestation.

	Children with FAS	Drinking Mothers of Children with pFAS	Children without FAS or pFAS†
1st trimester D.D.D.*** (SD) BAC [mean (SD)]	5.7 (3.8) 0.197 (.17)	3.9 (1.4) 0.155 (.07)	3.8 (3.4)* 0.122 (.11)
2nd trimester D.D.D. (SD) BAC (SD)	5.7 (3.7) 0.200 (.17)	3.2 (1.9) 0.124 (.09)	3.7 (3.4)* 0.084* (.09)
3rd trimester D.D.D. (SD) BAC (SD)	5.5 (3.9) 0.191 (.17)	2.7 (2.0) 0.102 (.12)	3.7 (3.5)* 0.076 (.09)
Body Mass Index (SD)	22.5 (5.6)	23.5 (5.6)	27.4 (6.9)**











