### Case Population Structure for Maine

- **Annual Cohort** number of live births per year (no commas)
- **Total population** in your area (no commas)

The calculator is set at 2.0 cases of FAS and 8.0 cases of ARND per 1000 live births. To set your own rates of FASD, click in the box and enter your desired value.

**FAS Rate per 1000 live births or total population:** 2.0
**ARND Rate per 1000 live births or total population:** 3.0

### RESULTS:

#### Annual Cohort
- Total FAS (Per Year) 25
- Total ARND (Per Year) 101
- Total FASD (Per Year) 126

#### Cases in Total Population (Birth - 50 Years)
- Total FAS in Area 1250
- Total ARND in Area 5050
- Total FASD Cases 6300

#### Children Birth-18 Years of Age
- FAS 450
- ARND 1819
- Total FASD 2268

#### Adults 19 and older
- FAS 875
- ARND 3535
- Total FASD 4413

#### Mortality in Annual Cohort
- FAS 1
- ARND 7
- Total FASD 8

#### Years Potential Life Lost (YPLL)
- Maternal Mortality (In 24 Months after Delivery) 560
- 5

#### Intellectual Disability (Cases) in Total Population
- FAS 238
- ARND 960
- Total FASD 1198

#### Congenital Heart Defects (Cases) in Total Population
- FAS 31
- ARND 126
- Total FASD 157

#### Epilepsy (Cases) in Total Population
- FAS 31
- ARND 126
- Total FASD 157
### Attention Deficit-Hyperactivity Disorder (Cases) in Children
- **FAS**: 225
- **ARND**: 906
- **Total FASD**: 1131

### Speech and Language Disorders (Cases) in Children
- **FAS**: 356
- **ARND**: 1436
- **Total FASD**: 1792

### Sensorineural Hearing Loss (Cases) in Children
- **FAS**: 261
- **ARND**: 1063
- **Total FASD**: 1314

### Cerebral Palsy (Cases) in Children
- **FAS**: 27
- **ARND**: 109
- **Total FASD**: 136

### Autism Spectrum Disorder (Cases) in Children
- **FAS**: 9
- **ARND**: 36
- **Total FASD**: 45

### Learning Disabilities (children)
- **FAS**: 90
- **ARND**: 364
- **Total FASD**: 454

### Depression in children
- **FAS**: 91
- **ARND**: 369
- **Total FASD**: 460

### Anxiety Disorder in children
- **FAS**: 98
- **ARND**: 394
- **Total FASD**: 492

### Post Traumatic Stress Disorder in children
- **FAS**: 75
- **ARND**: 303
- **Total FASD**: 378

### Oppositional Defiant Disorder in children
- **FAS**: 73
- **ARND**: 296
- **Total FASD**: 369

### Conduct Disorder in children and adolescents
- **FAS**: 29
- **ARND**: 118
- **Total FASD**: 147

### Reactive Attachment Disorder in children
- **FAS**: 21
- **ARND**: 85
- **Total FASD**: 106
## Bipolar Disorder in children
- FAS: 107
- ARND: 494
- Total FASD: 541

## Visual Impairment in children
- FAS: 275
- ARND: 1125
- Total FASD: 1404

### Service System Data and Projected Service Use

#### Foster Care Placements in Children (Birth - 18 Years of Age)
- FAS: 360
- ARND: 1454
- Total FASD: 1814
- Years Foster Care: 4635

#### Mental Illness (Cases) in Total Population
- FAS: 875
- ARND: 3535
- Total FASD: 4410
- Years Service Mental Health System (Annual Cohort): 3780

### Additional Service Data (For Annual Cohort)
- Years Special Education (FASD): 315
- Disability Adjusted Life Years (DALY): 4032
- Years Service Developmental Disabilities: 1700
- Years Service Juvenile Justice System: 100
# FASD Cost Calculations

Annual Costs for Special Education and Juvenile Justice (children age 5-18)
- FASD - Total Annual Costs: $810240
- FASD - Cost Per Day: $1235540
- FASD - Five Year Costs: $36791
- FASD - Five Year Costs: $67126500

## FASD Diagnostic Capacity for Maine

Number of cases requiring evaluation per week (using 50 weeks per year)

### Annual Cohort
- FAS: 0.5
- ARND: 2.02
- Total FASD: 2.52

### Children (Birth - 18)
- FAS: 9
- ARND: 36.36
- Total FASD: 45.36

### Total Population
- FAS: 25
- ARND: 101
- Total FASD: 126

## Co-Occurring Disorders and Attributable Risk from FASD

### Mortality in Annual Cohort (Birth - 18)
- Total FASD: 1198
- FASD Attributable Proportion: 1033.28

### Intellectual Disability (Cases) in Total Population
- Total FASD: 1198
- FASD Attributable Proportion: 12

### Congenital Heart Defects (Cases) in Total Population
- Total FASD: 157
- FASD Attributable Proportion: 2

### Epilepsy (Cases) in Total Population
- Total FASD: 157
- FASD Attributable Proportion: 2

### Attention Deficit-Hyperactivity Disorder (Cases) in Children
- Total FASD: 1134
- FASD Attributable Proportion: 488

### Speech and Language Disorders (Cases) in Children
- Total FASD: 1792
- FASD Attributable Proportion: 1165

### Sensorineural Hearing Loss (Cases) in Children
- Total FASD: 1314
- FASD Attributable Proportion: 0
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<tr>
<th>Disorder</th>
<th>Total FASD</th>
<th>FASD Attributable Proportion</th>
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</table>

Questions? Send them to larry.burd@med.und.edu (mailto:larry.burd@med.und.edu).