Children born and covered by PFK in 2007-2011
140,828 children

Abuse diagnosis or skeletal survey in 2007-2011
2362 children

Excluded because of codes for medical illnesses or trauma mechanisms that could explain all events (n=103)

Children in PFK with potential NAT events
2259 children

Birth record in PFK
1361 children

No birth record in PFK
898 children

<table>
<thead>
<tr>
<th>ICD-9 Grouping Definition</th>
<th>ICD-9 or CPT codes included</th>
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</thead>
<tbody>
<tr>
<td>Diagnosis of abuse</td>
<td>ICD-9 codes: 995.5, 995.50, 995.54, 995.55, 995.59, V61.05, V61.06, V15.4, V15.41, V61.2, V61.21, V71, V71.81, or E960-E968</td>
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<tr>
<td>Skeletal survey</td>
<td>CPT codes: 77074, 77075, or 77076</td>
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<tr>
<td>Injury suspicious for abuse</td>
<td>ICD-9 codes: 361, 362, 800-904, 910-957</td>
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</tbody>
</table>
| Excluded trauma mechanisms          | ICD-9 codes: railway accident (E800-E807)  
motor vehicle accident (E810-E825)  
other road vehicle accident (E826-E829)  
water transport accident (E830-E838)  
air/space transport accident (E840-E845)  
vehicle accident not classified (E846-E848) |
| Excluded underlying medical illness | ICD-9 codes: osteogenesis imperfect and other musculoskeletal anomalies (756)  
coagulation defect (286, 287, V83.02, 713.2, 776)  
liver disease (571-573)                    |
| Excluded minor cutaneous injuries   | ICD-9 codes: Insect bite or splinter (910.4-910.7, 911.4-911.7, 912.4-912.5, 914.4-914.7, 915.4-915.7, 916.4-916.7, 919.7) |
| Episodes of follow-up care          | V24, V67                                                                                   |