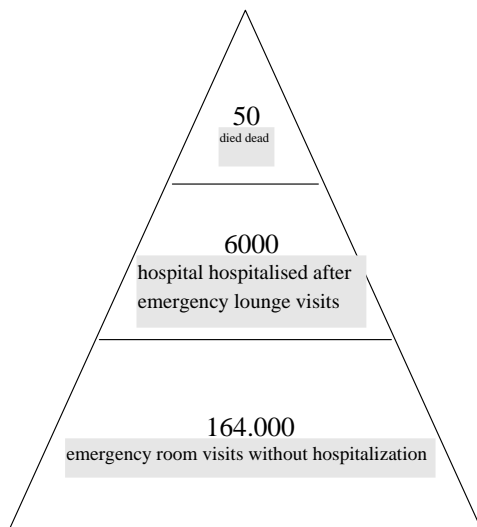


Children's accidents in numbers, trends and themes

In the period 2000-2004, average annually was about 170,000 injured home visits among children aged 0-14 years, calculated from the accident register (2000-2004). This was about 6000 inlaid. 50 children died annually as a result of accidents (the cause register, 1995-2000). The vast majority of injuries among children are less serious, and only quite few cause death. This is illustrated with the accident (fig. 1). Children contribute with 27% of all emergency rooms in connection with accidents, and 14% of the hospitalizations. Children are only about 2% of death accidents, but accidents are the most common cause of death for children over 1 year and are guilty of about every third death in the age group 1-14 years.

Figure 1. The accident quarrel shows the approximate annual number of emergency visits, hospitalizations and died in Denmark in connection with accidents among children under 15 years. Sources: The accident register and register of children's death accidents.



As it appears in Table 2, home/ leisure accidents are far the predominant part of the children's accidents that result in emergency room visits. These accidents include accidents in the home, at school, on institution, for breeding etc. Less than every tenth emergency room visits in children are due to traffic accidents, and the number of accidents are minimal. Among the death accidents, traffic accidents are about half.

Table 2. The main types of accidents among children aged 0-14 years. The numbers are calculated on average over the period 2000-2004 (1995-2000 for death accidents). Sources: The Accident Register and the Register of Child Death.

| | In the morning of death | | |
|---------------------------|-------------------------|-------|----|
| Home / free-time accident | 160.000 | 5.100 | 23 |
| Traffic accident | 10.800 | 800 | 28 |
| Work accident | | | |
| <1 All* | | | |

* An accident can be both traffic and accident.

The main weight of this report is laid on accidents that lead to emergency lounge visits, as the number allows you to analyze occurrence and development in detail. However, there is a section for the death accidents where these will be reviewed in several details.

It should be noted that the analysis of data from the Land patient register provides something different numbers, about 157,000 emergency rooms and 7800 hospitalisations. Explaining this difference is referred to in the discussion section. In order to achieve consistent results, there are for emergency lounge visits and hospitalizations with individual exceptions only used data from the accident register in the following.

Age and accident The places, children's accidents are close to the age and mobility of children. The smallest children naturally come to harm in the home. When the children become larger and come today institution and school, the accidents are also happening here. From around 8 years old, the number of sports injuries increases significantly and when a maximum around the 12 years. The number of accidents on ropes and road, including traffic accidents, rises with age and continues to increase to 16 years of age. The total risk of an accident leading to an emergency room visit is the greatest of age 1-3 years and again about 11-13 years of age, both ages where children develop significantly bodily and activity.

Figure 2. Adolescents annually per 1000 children as a result of accidents, divided on age and accident. The accident register, 2000-2004.

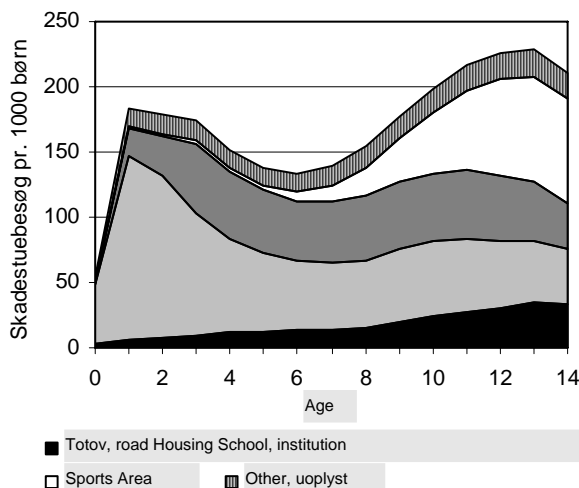
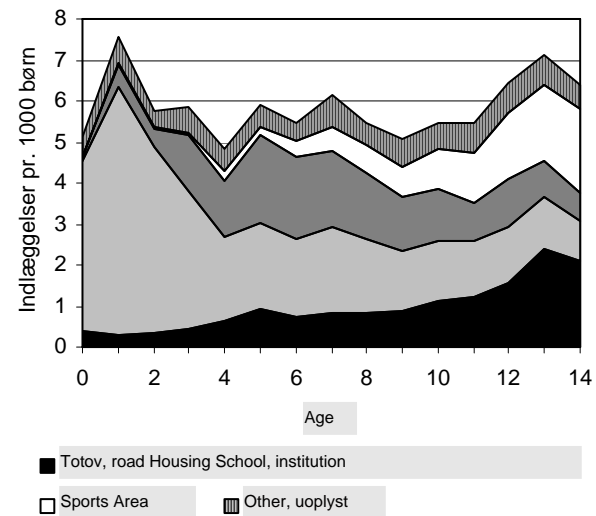


Figure 2 shows for every age the number of children who will harm the different places per 1000 children at this age, and figure 3 shows the corresponding number of hospitalizations.

Figure 3. Hospital hospitalizations annually per 1000 children as a result of accidents, distributed on age and accident. The accident register, 2000-2004.



For the death accidents, the pattern of accident and age is different from the emergency lounge visits (fig. 4). First, there is clear most death accidents among the youngest children. Secondly, a relatively large part of the accident in traffic and ?other places?, which includes nature, agriculture, etc. Very few death accidents occur in school, institution and at the start.

Figure 4. Death annually per 100,000 children as a result of accidents, divided on age and accident. Register of child death accidents and the cause of death, 1991-2000.

