

The impact of children's infections on parents' absences from work



First year data in the daycare center study

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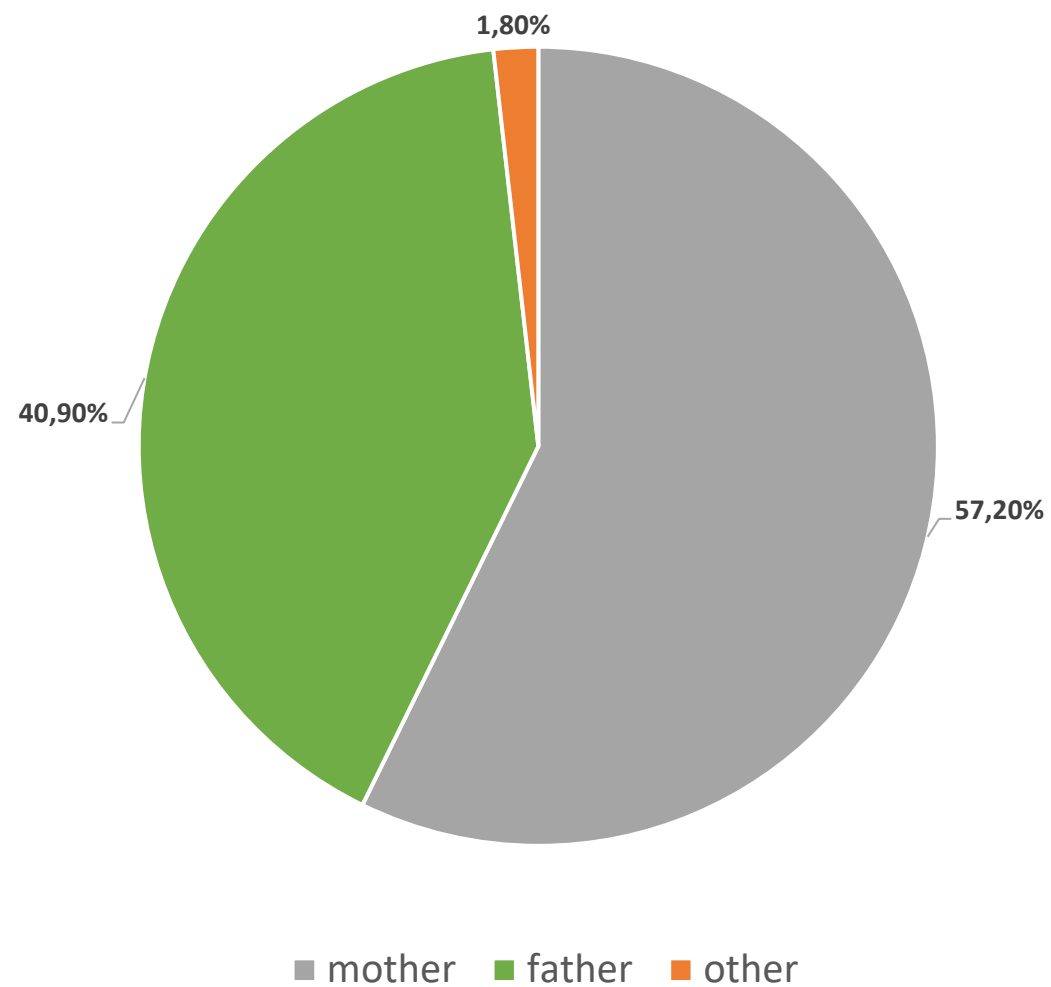
Background information

- Data collected between 21.11.2022-9.4.2023
- Collection method: an electronic symptom diary, that parents fill in weekly
- Number of subjects: 485
- All subjects are in early childhood education in Helsinki

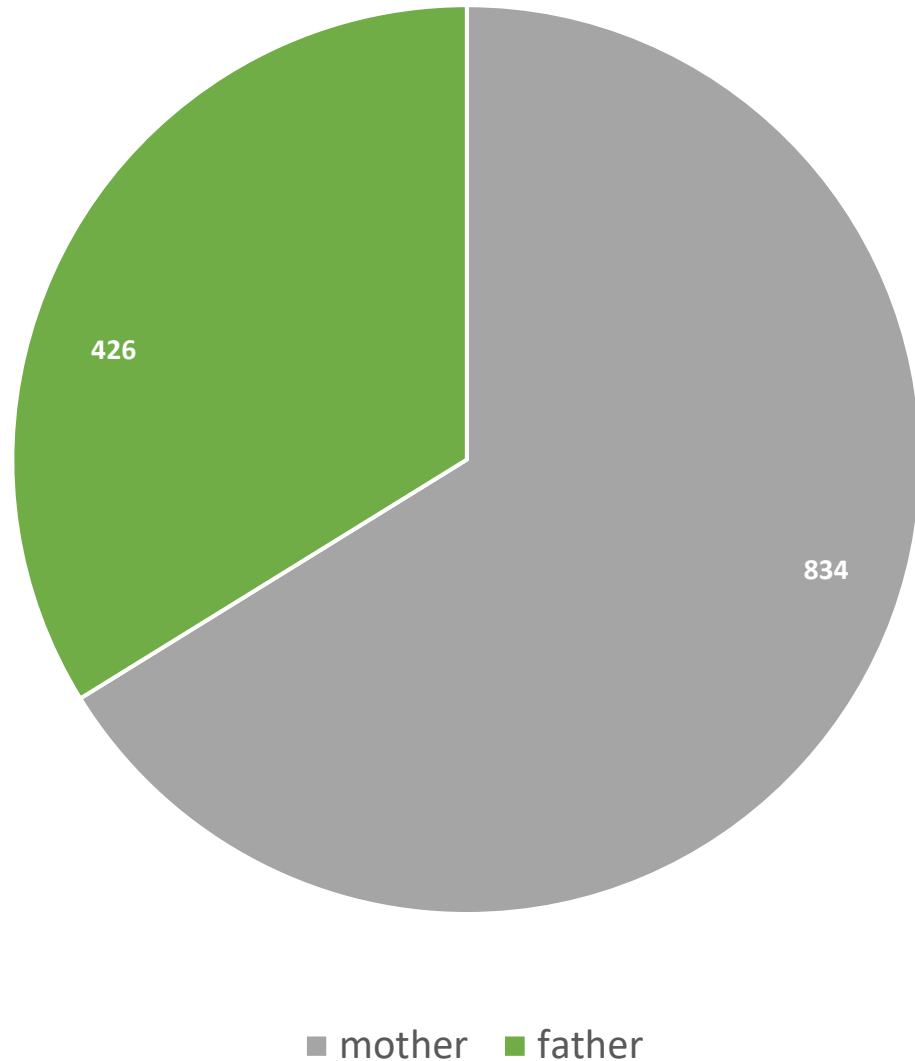
- In the weekly diaries there were 2352 reports that the child has been sick (question: has your child been ill during the previous week? yes/no)
- 44,7% of the times that the child was sick, an adult has been absent from work

Adults' absences from work

Did the child's illness cause work absences for adults?



The number of absent days from work



The number of days parents have been absent from work

The costs of absent days for companies

- The cost of work absence for companies = 476e/ per day (a company with 200 employees and average salary 3000e/month)
<https://www.varma.fi/tyonantaja/poissaololaskuri/>
- With this model the hypothetical cost for 1260 absent days is 599 760e

Thank you!