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The effects of aircraft noise on children -Results of the Munich Airport Study

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Psychological effects of aircraft noise exposure on children have only recently been addressed in the literature. In a prospective longitudinal investigation effects of aircraft noise were studied in 393 children aged 9 to 13 years around the Munich airports. Results showed a significant decrease of quality of life as well as a motivational deficit in the new airport area. In the old airport parallel impairments were present before the airport relocation but subsided there after. These findings of impaired psychological health after noise exposure indicate the relevance of monitoring psychological parameters as a function of environmental stressors among children.