

**Quantitative and Qualitative Research of Surface Bacteria on the Floor of Station Restrooms  
with Two Types of Cleaning Methods**

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There are two types of methods for cleaning of restrooms in railway stations. One is a cleaning method that does not use water for cleaning floors, and the other is one that uses water for cleaning floors. In this study, quantitative and qualitative research were performed for surface bacteria on floors of station restrooms where each type of cleaning method was done. The concentrations of surface bacteria were analyzed by conventional culture method, and microbiomes on floors of station restrooms were analyzed with bacterial 16S rRNA genes. As a result, the floor of restroom where water is not used for floor cleaning, shows that the concentration of bacteria is less and similarity of microbiome is higher compared with those of the floor of restroom where water is used for floor cleaning.