# Package 'Horsekicks'

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**Type** Package

**Title** Provide Extensions to the Prussian Army Death by Horsekick Data

**Version** 1.0.2

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**Description** We provide extensions to the classical dataset ``Example 4:
Death by the kick of a horse in the Prussian Army'' first
used by Ladislaus von Bortkeiwicz in his treatise on
the Poisson distribution ``Das Gesetz der kleinen Zahlen'',
<DOI:10.1017/S0370164600019453>. As well as an
extended time series for the horse-kick death data, we also
provide, in parallel, deaths by falling from a horse and by
drowning.

**License** GPL (>= 2)

**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 3.5)

**RoxygenNote** 7.3.2

**Suggests** knitr, rmarkdown, ggplot2, dplyr, tidyr

**VignetteBuilder** knitr

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2025-02-05 18:40:02 UTC

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**Description**

The original death by horse-kick data of von Bortkiewicz, with extensions and a minor correction of an apparent transcription error in the data quoted by von Bortkiewicz. The time span is extended from 1875-1894 to 1875-1907, and deaths by falling from a horse and by drowning are also included.

**Usage**

    hkdeaths

**Format**

A data frame with 462 rows and 8 columns:

**year**  integer: The year of the record

**corps**  factor: The army corps involved

**regiments**  integer: The number of regiments in the corps as given by von Bortkiewicz

**NCOs**  integer: The number of non-commissioned officer horse-kick deaths. These were included in the total numbers and only additionally separately reported up till 1899.

**kick**  integer: The number of deaths by horse-kick

**drown**  integer: The number of deaths by drowning

**fall**  integer: The number of deaths by falling from a horse

**vonB_kick**  integer: The original (shorter) horse-kick deaths series used by von Bortkiewicz, including the transcription error

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