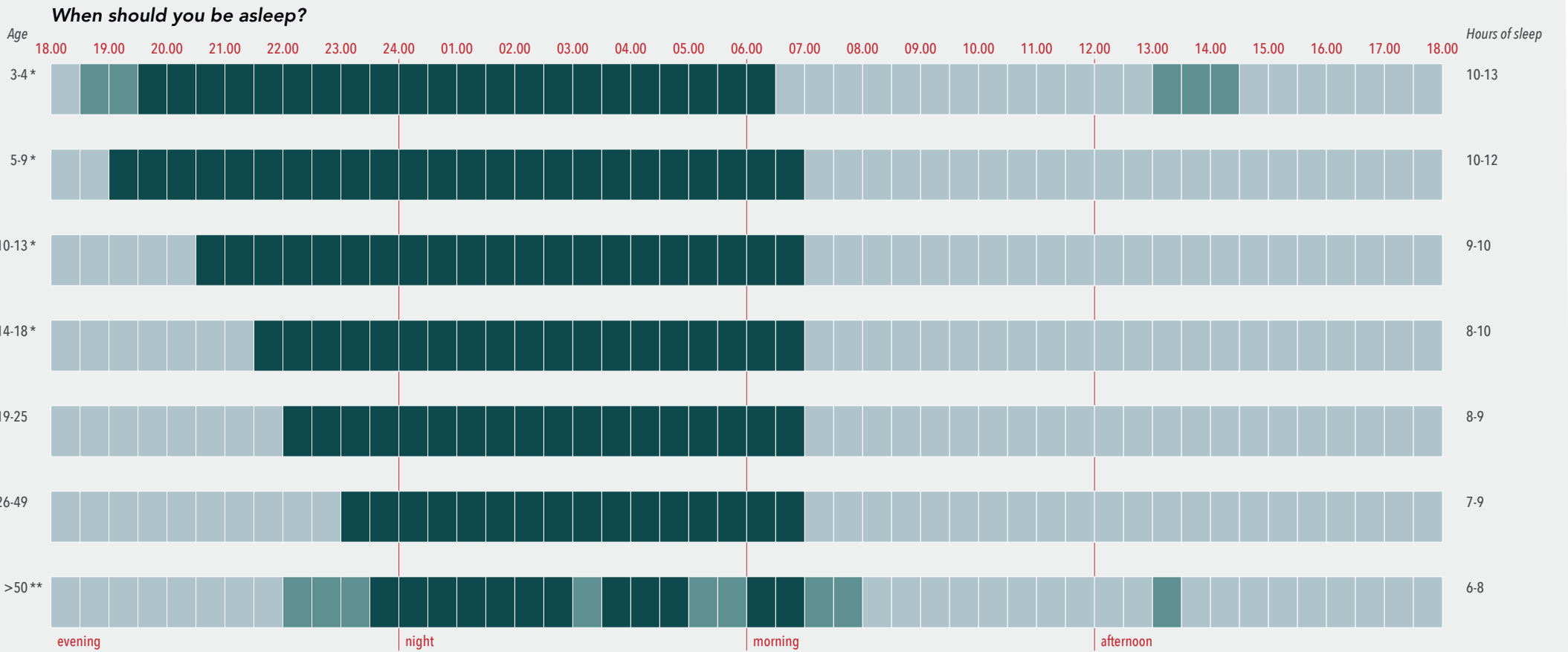


# Optimal Sleep Guidelines



**Bedtime**

\* These bedtimes vary by age.  
 Bedtimes for the youngest age are indicated and per anniversary the bedtime will be shifted by 15 to 20 minutes.  
 \*\* For the >50 group it is common to experience fragmented periods of sleep.

**Sources**

Published in: Arns, Kooij & Coogan (2021)  
 Kempenhaeghe (2012) Thorpe et al. (2015)  
 Galland et al. (2012) Paruthi et al. (2016)  
 Hirshkowitz et al. (2015) Staton et al. (2020)