

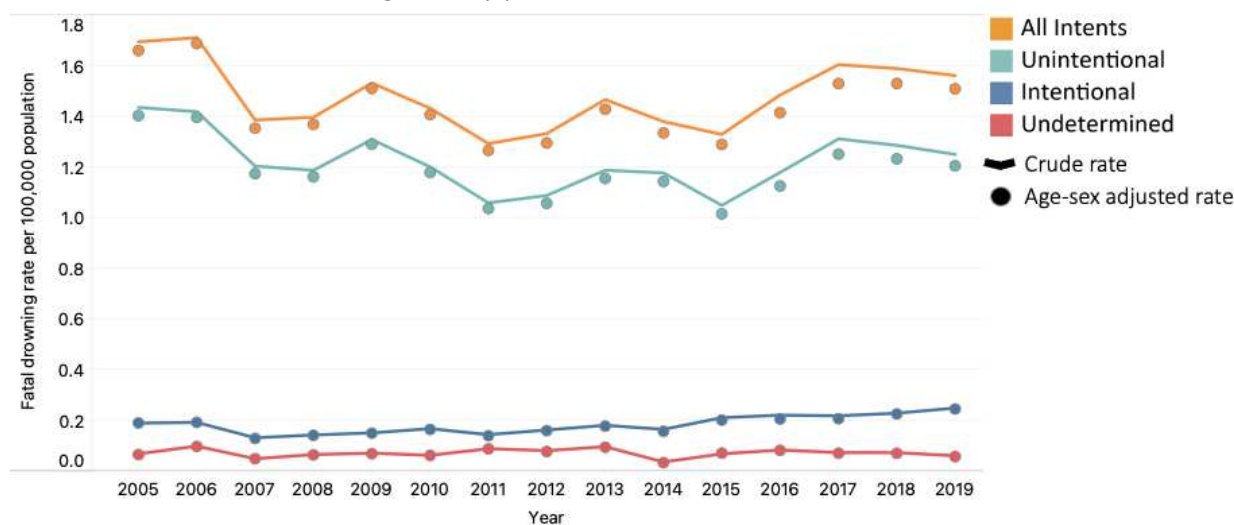
Supplementary File 6 - Age-Sex Standardized Fatal Drowning Rates

Age standardized rates were calculated using the direct method and the 2000 US standard population.^{1,2}

Supplementary File 6, Table 1: Crude and age-sex standardized total, unintentional, intentional, and undetermined fatal drowning rates by year, 2005-2019.

| Year | Rate Type | Unintentional | Intentional | Undetermined | All Intents |
|------|-------------------|------------------|------------------|------------------|------------------|
| 2005 | Crude rate | 1.43 (1.31-1.56) | 0.19 (0.15-0.24) | 0.07 (0.04-0.1) | 1.69 (1.56-1.83) |
| | Standardized rate | 1.4 (1.36-1.45) | 0.19 (0.17-0.21) | 0.07 (0.06-0.08) | 1.66 (1.61-1.71) |
| 2006 | Crude rate | 1.42 (1.3-1.55) | 0.19 (0.15-0.24) | 0.1 (0.07-0.14) | 1.71 (1.58-1.85) |
| | Standardized rate | 1.4 (1.35-1.44) | 0.19 (0.18-0.21) | 0.1 (0.09-0.11) | 1.69 (1.64-1.74) |
| 2007 | Crude rate | 1.2 (1.09-1.32) | 0.13 (0.1-0.18) | 0.05 (0.03-0.08) | 1.39 (1.27-1.51) |
| | Standardized rate | 1.17 (1.13-1.22) | 0.13 (0.12-0.14) | 0.05 (0.04-0.06) | 1.35 (1.31-1.4) |
| 2008 | Crude rate | 1.19 (1.08-1.3) | 0.14 (0.11-0.19) | 0.07 (0.04-0.1) | 1.4 (1.28-1.52) |
| | Standardized rate | 1.16 (1.12-1.2) | 0.14 (0.13-0.16) | 0.06 (0.06-0.08) | 1.37 (1.32-1.41) |
| 2009 | Crude rate | 1.31 (1.19-1.43) | 0.15 (0.11-0.2) | 0.07 (0.05-0.1) | 1.53 (1.41-1.66) |
| | Standardized rate | 1.29 (1.25-1.33) | 0.15 (0.14-0.17) | 0.07 (0.06-0.08) | 1.51 (1.46-1.56) |
| 2010 | Crude rate | 1.2 (1.09-1.32) | 0.17 (0.13-0.21) | 0.06 (0.04-0.09) | 1.43 (1.31-1.56) |
| | Standardized rate | 1.18 (1.14-1.22) | 0.17 (0.15-0.18) | 0.06 (0.05-0.07) | 1.41 (1.36-1.45) |
| 2011 | Crude rate | 1.06 (0.96-1.17) | 0.14 (0.11-0.19) | 0.09 (0.06-0.12) | 1.29 (1.18-1.41) |
| | Standardized rate | 1.04 (1-1.08) | 0.14 (0.13-0.16) | 0.09 (0.08-0.1) | 1.27 (1.22-1.31) |
| 2012 | Crude rate | 1.09 (0.99-1.2) | 0.16 (0.12-0.21) | 0.08 (0.06-0.12) | 1.33 (1.22-1.45) |
| | Standardized rate | 1.06 (1.02-1.1) | 0.16 (0.15-0.18) | 0.08 (0.07-0.09) | 1.29 (1.25-1.34) |
| 2013 | Crude rate | 1.19 (1.08-1.3) | 0.18 (0.14-0.23) | 0.1 (0.07-0.13) | 1.47 (1.35-1.59) |
| | Standardized rate | 1.16 (1.12-1.2) | 0.18 (0.16-0.19) | 0.09 (0.08-0.11) | 1.43 (1.38-1.47) |
| 2014 | Crude rate | 1.18 (1.07-1.29) | 0.17 (0.13-0.21) | 0.04 (0.02-0.06) | 1.38 (1.26-1.5) |
| | Standardized rate | 1.14 (1.1-1.18) | 0.16 (0.14-0.17) | 0.03 (0.03-0.04) | 1.33 (1.29-1.38) |
| 2015 | Crude rate | 1.05 (0.95-1.16) | 0.21 (0.17-0.26) | 0.07 (0.05-0.1) | 1.33 (1.22-1.45) |
| | Standardized rate | 1.02 (0.98-1.05) | 0.2 (0.19-0.22) | 0.07 (0.06-0.08) | 1.29 (1.25-1.33) |
| 2016 | Crude rate | 1.18 (1.07-1.29) | 0.22 (0.18-0.27) | 0.08 (0.06-0.12) | 1.48 (1.37-1.61) |
| | Standardized rate | 1.13 (1.09-1.17) | 0.21 (0.19-0.22) | 0.08 (0.07-0.09) | 1.41 (1.37-1.46) |
| 2017 | Crude rate | 1.31 (1.2-1.43) | 0.22 (0.18-0.27) | 0.07 (0.05-0.11) | 1.6 (1.48-1.73) |
| | Standardized rate | 1.25 (1.21-1.29) | 0.21 (0.19-0.23) | 0.07 (0.06-0.08) | 1.53 (1.48-1.58) |
| 2018 | Crude rate | 1.29 (1.18-1.4) | 0.23 (0.18-0.28) | 0.07 (0.05-0.11) | 1.59 (1.47-1.72) |
| | Standardized rate | 1.23 (1.19-1.27) | 0.23 (0.21-0.24) | 0.07 (0.06-0.08) | 1.53 (1.48-1.58) |
| 2019 | Crude rate | 1.25 (1.14-1.37) | 0.25 (0.2-0.3) | 0.06 (0.04-0.09) | 1.56 (1.44-1.69) |
| | Standardized rate | 1.2 (1.16-1.25) | 0.25 (0.23-0.27) | 0.06 (0.05-0.07) | 1.51 (1.46-1.56) |

Supplementary File 6, Figure 1: Crude (line) and age-sex adjusted (circle) total, unintentional, intentional, and undetermined fatal drowning rates by year, 2005-2019.



Supplementary File 6 References

1. Klein RJ. Age adjustment using the 2000 projected US population. Department of Health & Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics; 2001. Accessed 7 March 2023. Available from: <https://www.cdc.gov/nchs/data/statnt/statnt20.pdf>
2. Day JC. Population projections of the United States by age, sex, race, and Hispanic origin: 1995 to 2050, U.S. Bureau of the Census, Current Population Reports, P25-1130, U.S. Government Printing Office, Washington. 1996. Accessed 7 March 2023. Available from: <https://www.census.gov/content/dam/Census/library/publications/1996/demo/p25-1130.pdf>