

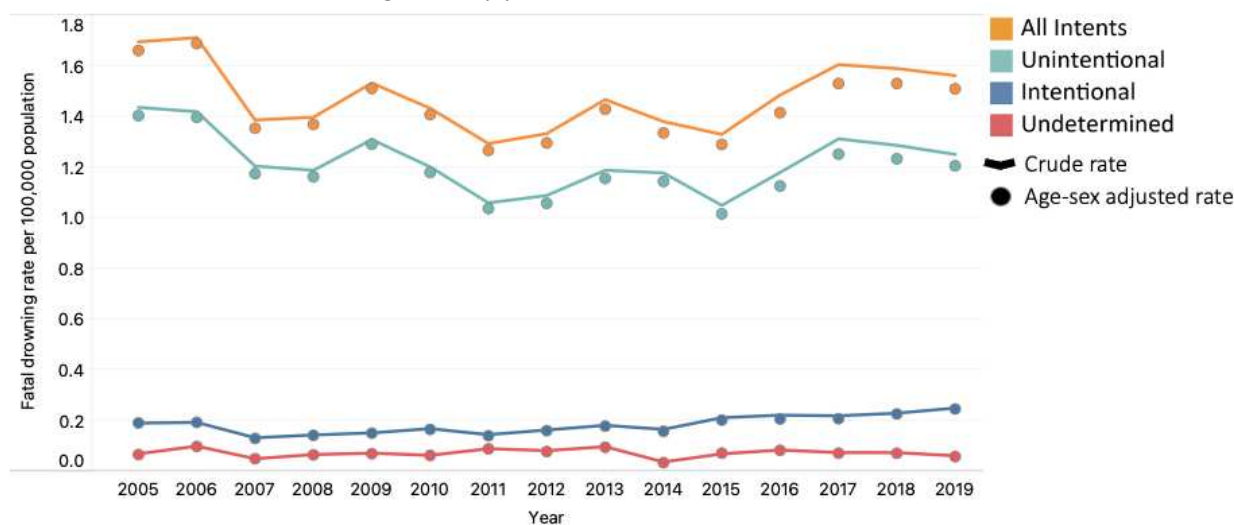
Supplementary File 6 - Age-Sex Standardized Fatal Drowning Rates

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>