

Supplemental File 1: Drowning Data Sources

Data Source, Procurement		Body of Water	Data Source					
1. Medical Examiner (IRB)		All	Counties: Harris, Fort Bend, Galveston, Montgomery					
2. Hospital (IRB and DUA)		All	Three hospital systems					
3. EMS (IRB and DUA)		All	Houston EMS, Three Harris County EMS agencies					
4. Police Reports (FOI)		All	Sheriff's office (Galveston County, Chambers County, Brazoria County, Fort Bend County) and Houston Police Department					
5. Texas Parks and Wildlife (FOI)		Natural water, water-craft, water-transport	https://tpwdtexas.gov/ga.us/WEBAPP/_rs/(S(nnqh5hgo3rdghmpmtym1ydsz))/SupportHome.aspx					
6. Maritime (USCG) (FOI)		Natural water, water-craft, water-transport	US Coast Guard					
7. Weather (NOAA) (Publicly available)		Weather-related, rip-current-related, flood	https://www.ncdc.noaa.gov/stormevents/					
8. Beach Rescue (Publicly available)		Rip current, Gulf	Galveston Beach Patrol					
9. Media Reports (Publicly available)		All	Multiple internet sites, Lexis Uni, Houston Chronicle					
10. CPSC (Publicly available)		Swimming pool, hot tub	Clearinghouse@cpsc.gov					
11. Hurricane data (Publicly available)		Flood-related drowning.	https://data.4tu.nl/articles/Fatalities due to hurricane Harvey 2017 /12708032					
12. NVSS (Publicly available)		All	CDC Wonder: https://wonder.cdc.gov/					
13. Syndromic Surveillance (IRB and DUA)		All	Houston Health Department					
14. NEMSIS (Publicly available)		All	https://nemsis.org/					
County	Brazoria	Chambers	Fort Bend	Galveston	Harris	Liberty	Montgomery	Waller
Data Source								
Medical Examiner	No	No	Yes*	Yes	Yes	No	Yes*	No
Hospital	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
EMS	No	No	No	No	Yes	No	No	No
Media	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Police Reports	Yes	Yes	Yes	Yes	Yes	No	No	No
Texas Parks	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
US Coast Guard	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CPSC	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NOAA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Syndromic Surveillance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

DUA: Data use agreement; FOI: Freedom of Information request; CPSC: Consumer Product Safety Commission; NOAA: National Oceanographic and Atmospheric Administration; EMS: Emergency Medical Services; NVSS: National Vital Statistic System; NEMSIS: National Emergency Medical Services Information System.

*some years