

The many way a tropical cyclone can kill you

Which are **direct/primary hazards**, and which are **indirect/secondary**?

Which could be either?

Use 2 or 3 colours to categorise each hazard

(Tip - leave the opportunity for corrections in case you're wrong!)

<p>Traumatic injury, i.e. any injury that causes wounds, broken bones, or internal bleeding</p>	<p>Acute exacerbation of chronic condition(s) (e.g. asthma, heart)</p>	<p>Clean-up after disaster (e.g. chain-saw injury, electrocution)</p>	<p>Electrocution, either in the home, in a shelter, or in the street. (Normally in relation to flooding/water)</p>
<p>Suffocation, e.g. due to crushing under collapsed building, because of trauma from debris impact, (e.g. damage to windpipe)</p>	<p>Escaping or fleeing the disaster (e.g. saw the tornado and fell while rushing down storm shelter stairs)</p>	<p>Burns Keep it clean and keep it cool. Don't put cream or a plaster on it!</p>	<p>Evacuation (e.g. vehicle accident while evacuating before the storm – driven by you or someone else)</p>
<p>Falls, whether before/during/after the storm.</p>	<p>Exposure to industrial or chemical hazards (e.g. chemical release from damaged production/storage plants)</p>	<p>Loss/disruption of public utilities (e.g, loss of electricity supply causes food to spoil leading to food poisoning, or no light leads to a fall at night)</p>	<p>Hypothermia (cold) Your core body temperature falls below 35°C</p>
<p>Hyperthermia (heat) Your core body temperature rises above 40.5°C</p>	<p>Fire or smoke inhalation Breathing fire sounds worst, doesn't it?</p>	<p>Blunt-force trauma Being hit hard enough (with anything) to kill you</p>	<p>Loss/disruption of transportation-related services (e.g. lack of medical transport to kidney dialysis)</p>

<p>Loss/disruption of usual access to medical or mental health care (e.g. oxygen if you have lung disease)</p>	<p>Crushing Squashed flat or crushed just enough to get you with shock when you are released.</p>	<p>Preparation for disaster (e.g. falling while putting up storm windows)</p>	<p>Psychosocial stress or anxiety Literally worrying yourself to death</p>
<p>Radiation or chemical poisoning You were told not to drink it/touch it/poke it</p>	<p>Social disruption, including riots or anarchy (Whether or not you were involved yourself)</p>	<p>Penetrating injury From falling on a knife, to being impaled by a garden umbrella or cyclone-accelerated pigeon</p>	<p>Drowning The water only needs to be 6cm deep</p>
<p>Return to unsafe, unhealthy structures or environment (e.g. electrocution) If it says stay out, stay out?</p>	<p>Use of temporary sheltering or provisions; displacement Who knows who your new neighbours are, or if the water is safe to drink?</p>		

Adapted from 'A Reference Guide for Certification of Deaths in the Event of a Natural, Human-induced, or Chemical/Radiological Disaster', U.S. Department of Health and Human Services, Centers for Disease Control and Prevention (2017). Available from <https://www.cdc.gov/nchs/data/nvss/vsrg/vsrg01.pdf>. (Accessed 01/07/2019).