

Developed country

A developed [country](#)—also called an industrialized country—has a mature and sophisticated economy, usually measured by gross domestic product (GDP) and/or average income per resident. Developed countries have advanced technological infrastructure and have diverse industrial and service sectors.

The incidence of [spinal disorders](#) is expected to increase in developed countries due to ongoing fundamental demographic shifts toward an older [population](#). These changes present significant challenges to public health, as [healthcare systems](#) worldwide must confront the burden of [musculoskeletal aging](#) and its related consequences.

Approximately 15% of [deaths](#) in a [developed country](#) are due to [sudden cardiac arrest](#), making it the most common cause of death worldwide. Though high-quality cardiopulmonary resuscitation has improved overall survival rates, the majority of survivors remain [comatose](#) after return of spontaneous circulation secondary to [hypoxic-ischemic brain injury](#). Since the advent of targeted temperature management, neurologic recovery has improved substantially, but the majority of patients are left with [neurologic deficits](#) ranging from minor [cognitive impairment](#) to persistent [coma](#). Of those who survive cardiac arrest, but die during their [hospitalization](#), some progress to [brain death](#) and others die after withdrawal of life-sustaining treatment due to anticipated poor neurologic [prognosis](#) ¹⁾.

1)

Carroll E, Lewis A. Neuroprognostication after Cardiac Arrest: Who Recovers? Who Progresses to Brain Death? Semin Neurol. 2021 Oct;41(5):606-618. doi: 10.1055/s-0041-1733789. Epub 2021 Oct 7. PMID: 34619784.

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