



# circulatory disease statistics

**170,000 +**  
circulatory conditions

Over 170,000 people, about 8.5% of the population, are on registers for these conditions, (2).

Data from other sources would suggest there are as many as another 50,000 people living with circulatory conditions.

**273,895**  
high blood pressure

Over a **quarter of a million** people, about 14% of the population, are on the register for high blood pressure, also known as hypertension, (2).

\* the most up-to-date, available annual data were used

## almost a quarter of all recorded deaths...

In 2018\*, 23% of recorded deaths across N. Ireland were due to circulatory conditions, (1).



**3,627 people**

This is an average of almost 10 people per day, every day, for the whole year.

**...10 per day**

But the **good news** is that we are making progress reducing needless deaths due to these conditions. Since 2008, deaths due to circulatory conditions have **decreased** by 24%, (1) ...

circulatory deaths in 2008: **4,752**  
circulatory deaths in 2018: **3,627**

**↓24%**

...and in the last 30 years, deaths due to **heart disease**, a leading cause of heart attacks, have decreased by 68%, (1).

heart disease deaths in 1988: **4,746**  
heart disease deaths in 2018: **1,522**

**↓68%**

Just a few decades ago, most heart attacks were fatal. Today at least **7 out of 10** people survive.

**Heart failure** refers to the inability of the heart to effectively pump blood around the body, due to weakening or stiffening of the heart muscle.



**18,323**

**people living with heart failure**



**74,154**  
living with CHD

**Coronary Heart Disease** (sometimes called CHD) is the term for when the heart's blood supply is blocked or interrupted by a build up of fatty substances in the coronary arteries. It is the most common type of circulatory disease, and one of the main causes of death in N. Ireland. **3.7%** of our population are on register for CHD

**42%**

**four in ten** of all recorded circulatory deaths were due to Coronary Heart Disease.

**1,522 deaths...**  
**about 4 a day**



In 2018/2019, there were **25,631** emergency admissions to hospital due to circulatory diseases - about 70 per day, (3).

**6,191** people presented with heart attack. This is about **17 per day**, (3).

A heart attack is a medical emergency, when the blood supply to the heart is suddenly blocked, usually by a clot.

Sources of information:

- 1) Registrar General Annual Report 2018.
- 2) NISRA Disease Prevalence (Quality Outcomes Framework) data 2018/19.
- 3) Hospital Activity Statistics 2018/19.

With your help, we are leading the fight against chest, heart and stroke illnesses across Northern Ireland. Join the fight!

[nichs.org.uk/donate](http://nichs.org.uk/donate)

what's the bigger picture?

**4 in 10**

**37%** of recorded deaths were due to chest, heart or stroke conditions, (1)  
Together, these conditions are the **#1** cause of death across N. Ireland.



**16 per day**

5,828 people died due to these conditions, (1). This is about 16 per day.

**17%**

**335,171** people are on registers for these conditions, (2) - 17% of population.

The circulatory system is your heart and blood vessels. Circulatory diseases affect this system: heart disease, heart failure, heart attacks, and high blood pressure. These are sometimes called cardiovascular diseases (CVD).