



LANDSPITALI

THE NATIONAL UNIVERSITY
HOSPITAL OF ICELAND

- Date:
- Name:

AGENDA

Health Care in Iceland

Landspítali

- Organization
- Operations
- New hospital building

HEALTH CARE IN ICELAND

THE ICELANDIC HEALTH CARE SYSTEM

Icelandic population 384.000 *(Jan. 2024)*

- 247.000 in the capital area

Health sector counts for 9,3% of GDP

Financing of health services

- 84,7% through taxes and 15,3% by individuals
- **Good clinical results in comparison to other OECD nations**

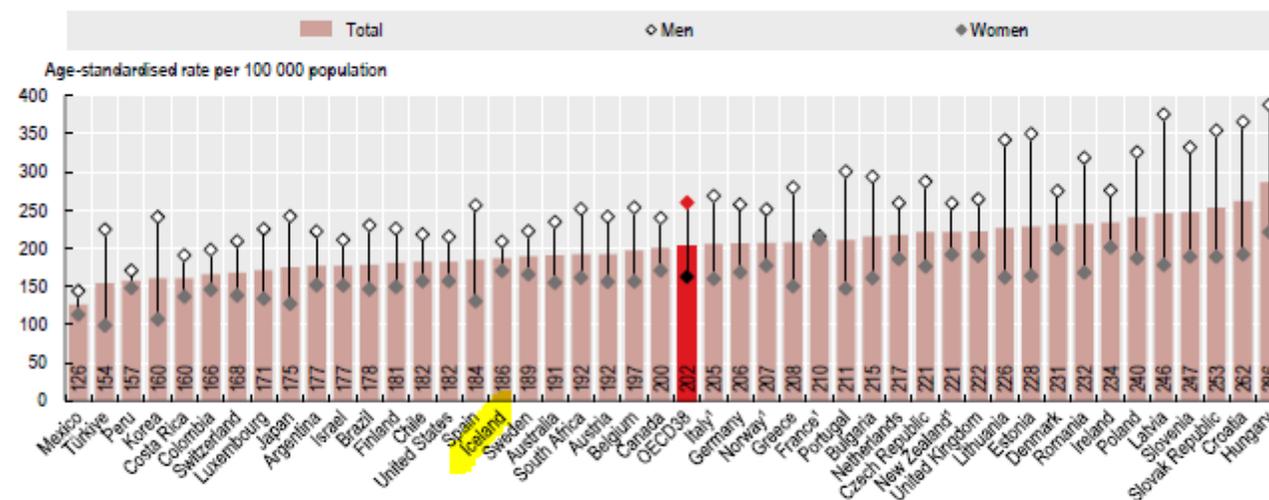


Good access to services

LOW CANCER INCIDENCE AND MORTALITY

ICELAND VS. OECD

Figure 3.14. Cancer mortality rates by sex, 2021 (or nearest year)



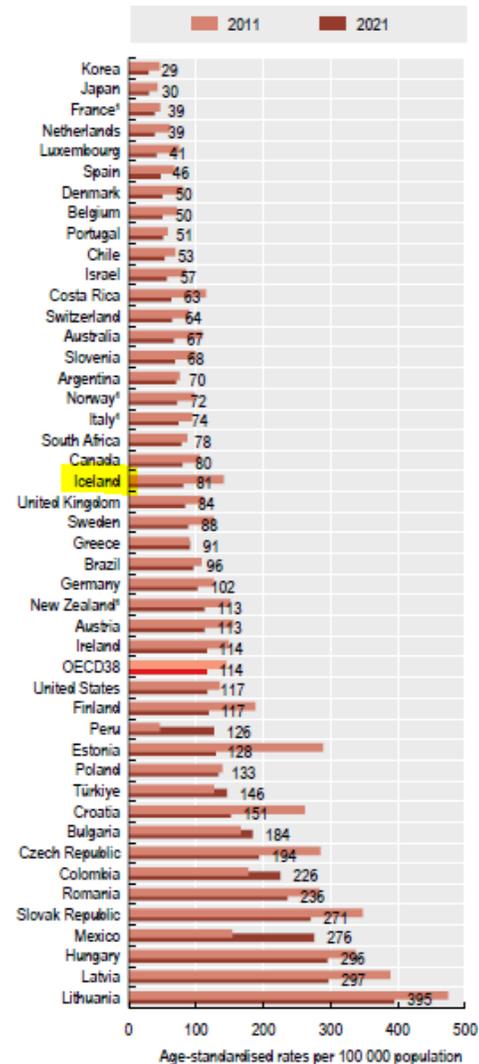
1. Most recent data point corresponds to 2016-17.
Source: OECD Health Statistics 2023.

StatLink  <https://stat.link/b79oz8>

LOW HEART ATTACK AND ISCHAEMIC HEART DISEASE MORTALITY

ICELAND VS. OECD

Figure 3.11. Heart attack and other ischaemic heart disease mortality, 2021 and 2011 (or nearest year)



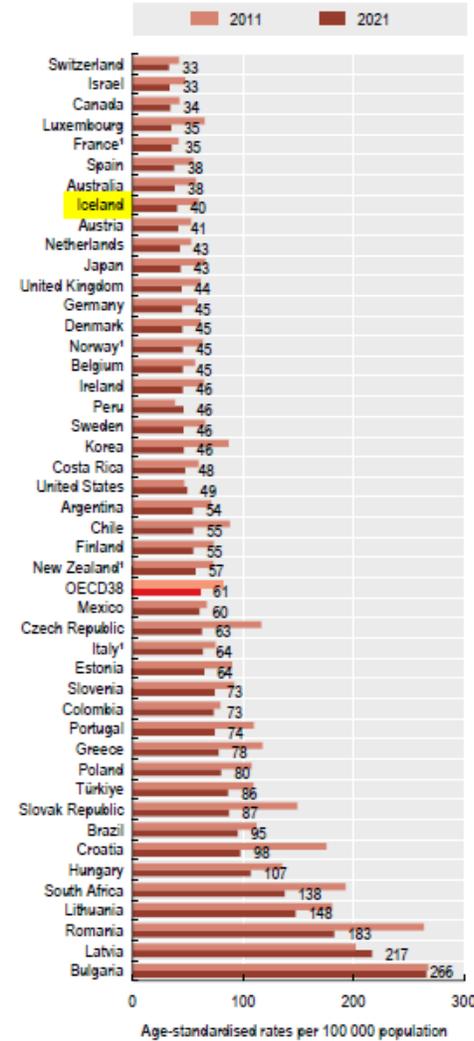
1. Most recent data point corresponds to 2016-17.

Source: OECD Health Statistics 2023.

LOW STROKE MORTALITY

ICELAND VS. OECD

Figure 3.12. Stroke mortality, 2021 and 2011 (or nearest year)

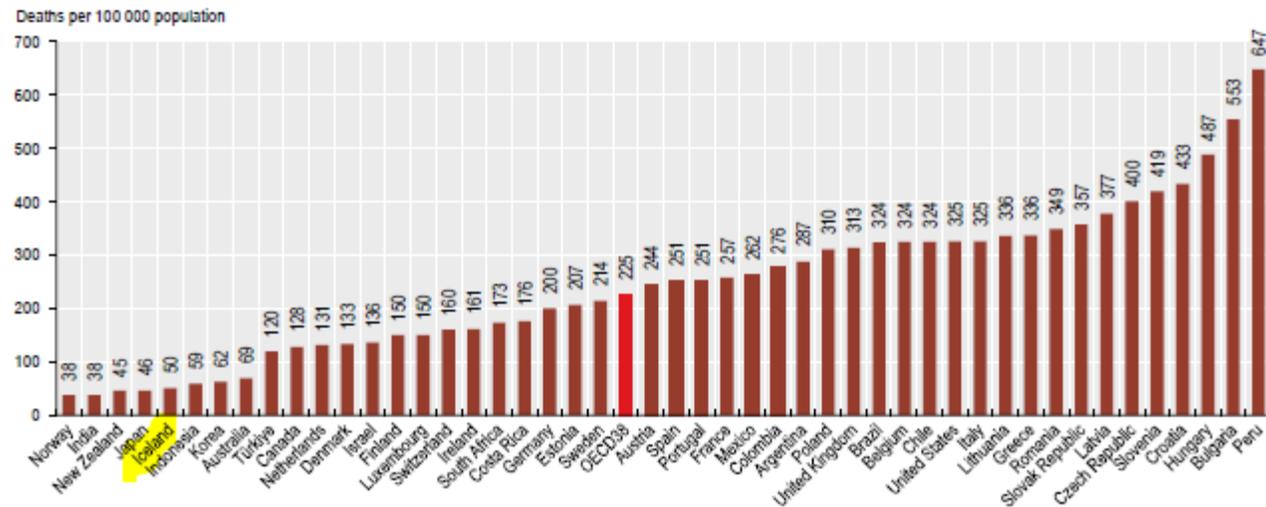


1. Most recent data point corresponds to 2016-17.

Source: OECD Health Statistics 2023.

LOW COVID-19 MORTALITY

Figure 3.9. COVID-19 mortality for 2020-22

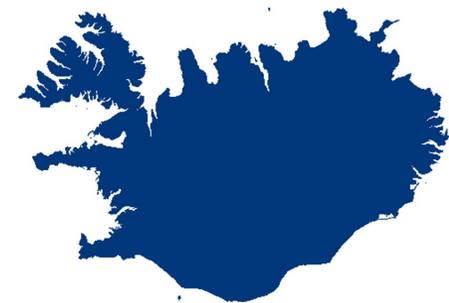


Sources: OECD Health Statistics 2023; UNWPP (2022^[31]), The 2022 Revision of World Population Prospects.

StatLink  <https://stat.link/f5ed2m>

THE ICELANDIC HEALTH CARE SYSTEM

- **One university hospital**
- **One teaching hospital**
- **Several small rural hospitals**, primary care, nursing homes
- **Primary health care centres**
- **Private practices**
- **Financing**
 - National health insurance
 - Fixed budgets
 - Fee for service, private practices
- **EHR and diverse clinical information systems**
- **OeBS system for financial and HR processes**



LANDSPÍTALI

THE ONLY UNIVERSITY HOSPITAL AND LARGEST ORGANIZATION IN ICELAND



**6.600 employees
and 2.000 students**

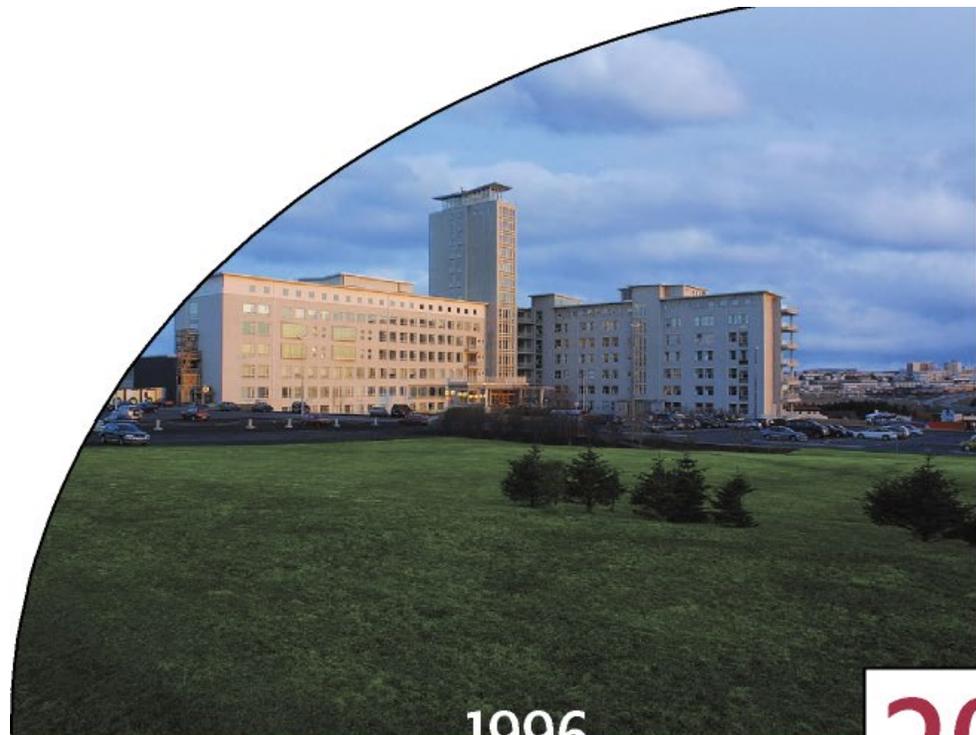
in 100 buildings

**on 20 sites in the capital
area of Reykjavík...**

New CEO in 2008, 2010, 2014 and 2022
Major reorganization in 2009, 2015, 2019 and
2023

Created by a series of mergers
In 1996, 2000 and 2011





1996

2000

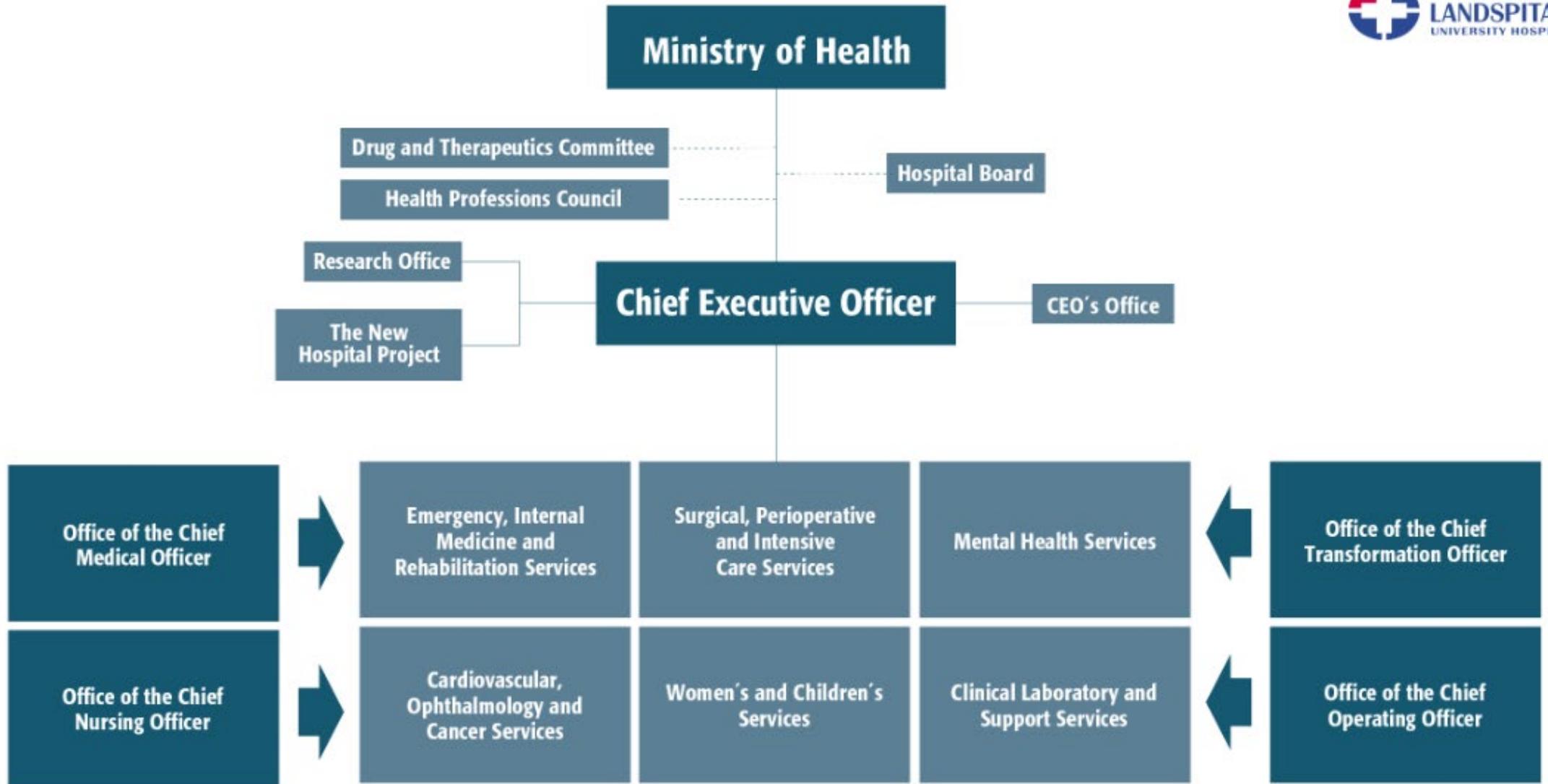


LANDSPÍTALI - HRINGBRAUT



LANDSPÍTALI - FOSSVOGUR





LANDSPÍTALI UNIVERSITY HOSPITAL ORGANIZATIONAL CHART

LANDSPÍTALI

40 medical specialities

- Many subspecialities

Medical speciality training abroad

- Mostly in Sweden, Norway, USA, UK, The Netherlands

Very few patients sent abroad for treatments

- Some heart surgery, some stem cell treatments, PET and solid organ transplants (excl. renal transplants)

Good clinical results

A third of the population served in 2023

Approximately 1.700 students per year

2023 Budget approx 110,1 billion ISK

- 801 million USD
- 738 million EUR

CLINICAL SERVICE

94.200
emergency
visits

521.700
outpatient
services

27.400
admissions

624 hospital
beds

4,8 days
average
length of stay

14.600
surgical
procedures

3.166 births

The year 2023 at Landspítali



132.877

Number of individuals receiving hospital care



3.465.592

Diagnostic procedures



4.800

Computers using over 100 clinical systems



4.545

Household power usage equals



14.578

Surgical procedures



500.000

Calls to phonecenter



2.026

Students at the hospital



1.709

Cardiac catheterizations



65.497

Visits to emergency unit Fossvogur



94.170

Visits to emergency units



27.449

Admissions



521.704

day- and outpatient services



222.578

Patient days



119.587

Visits to physio- and occupational therapists



12

Patients per day in intensive-care units



15.358

Pediatric emergency visits



1.608

New blood donors



3.226

Babies born



49.279

Outpatient mental health visits



6.308

Employees at work



9.412

Patients in dialysis



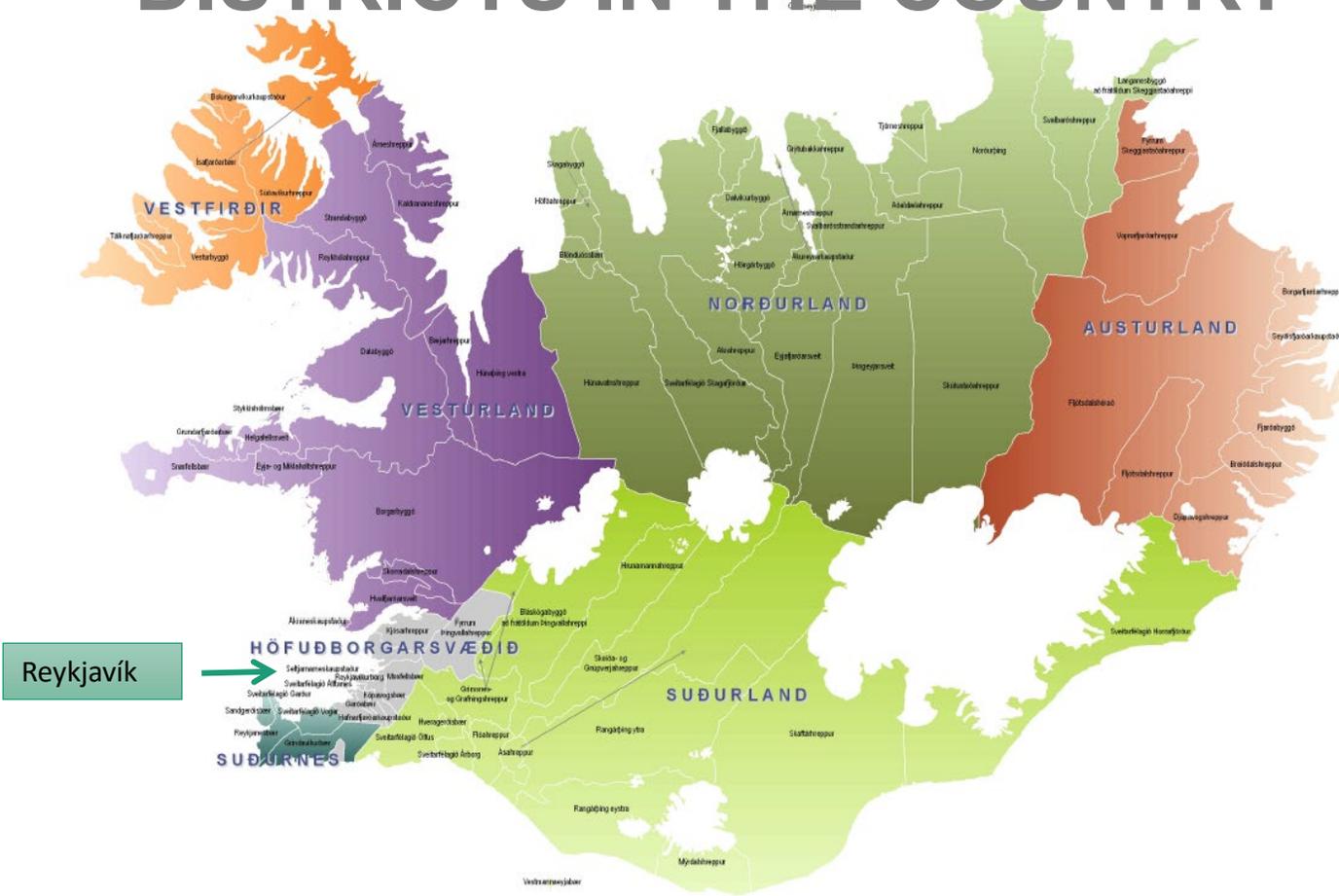
1.809

Tons of waste

A TYPICAL DAY AT LANDSPITALI

- 609 inpatients
- 2.087 day- and outpatient services
- 75 new admissions
- 9.495 laboratory tests
- 469 visits to physio- and occupational therapists
- 258 emergency unit visits
- 40 surgical procedures
- 9 babies born
- 42 pediatric emergency visits
- 7 cardiac catheterizations
- 31 patients in dialysis
- 197 outpatient mental health services
- 12 patients in intensive-care units
- 3.700 employees at work
- 5 tons of waste, 1,8 tons recycled

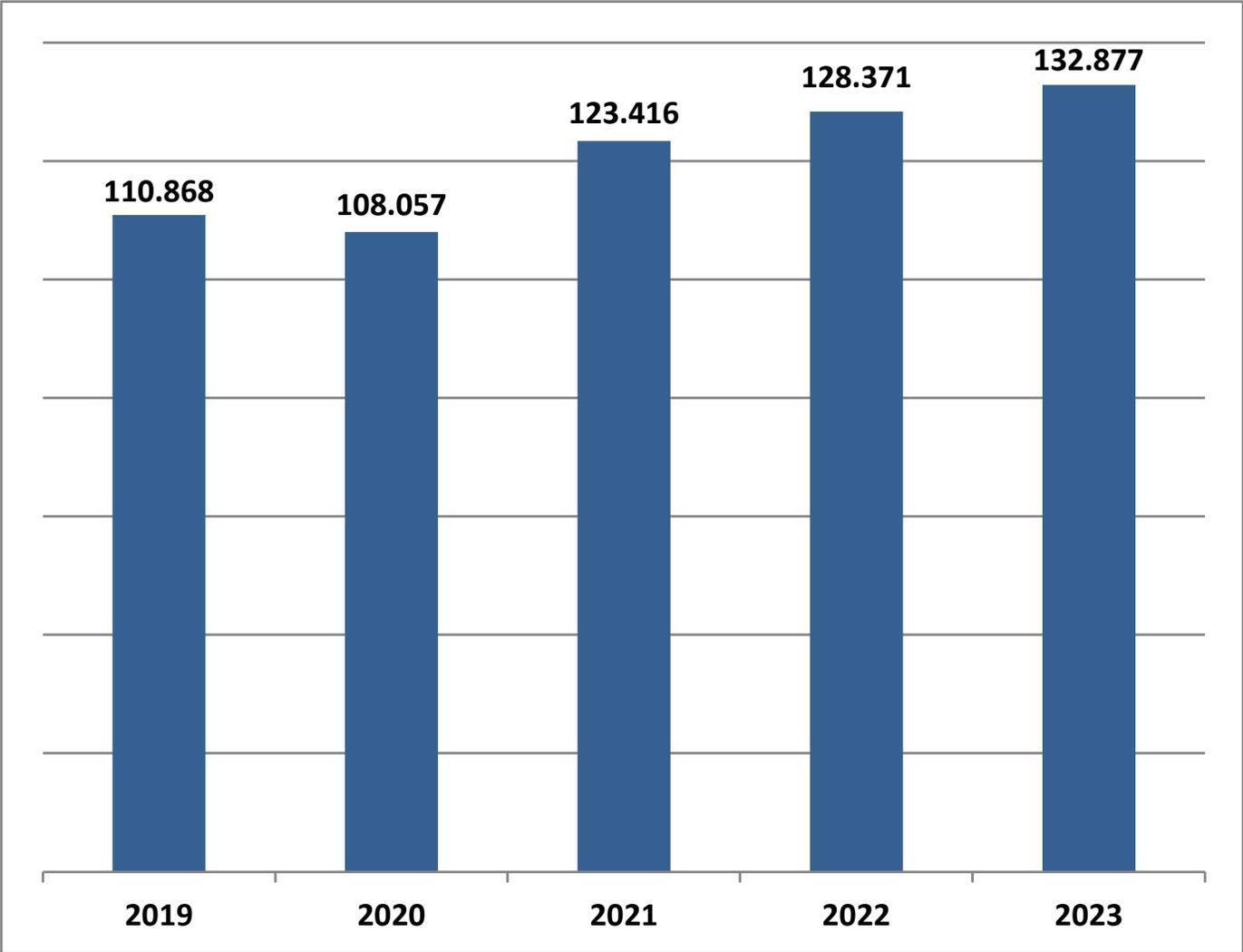
PATIENTS SEEKING HEALTH CARE SERVICE AT LANDSPÍTALI COME FROM ALL HEALTH DISTRICTS IN THE COUNTRY



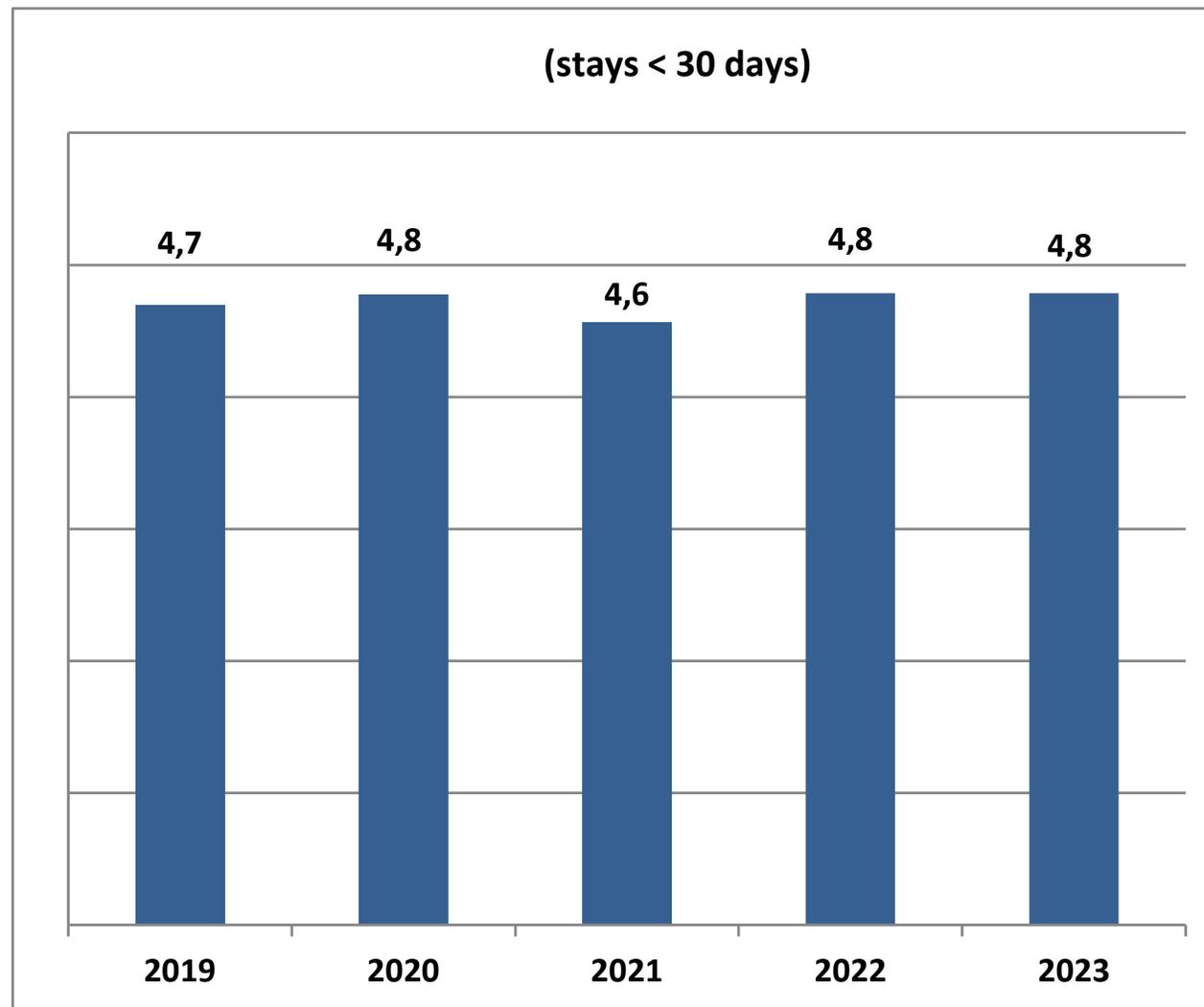
NUMBER OF INDIVIDUALS RECEIVING HOSPITAL CARE AT LANDSPÍTALI



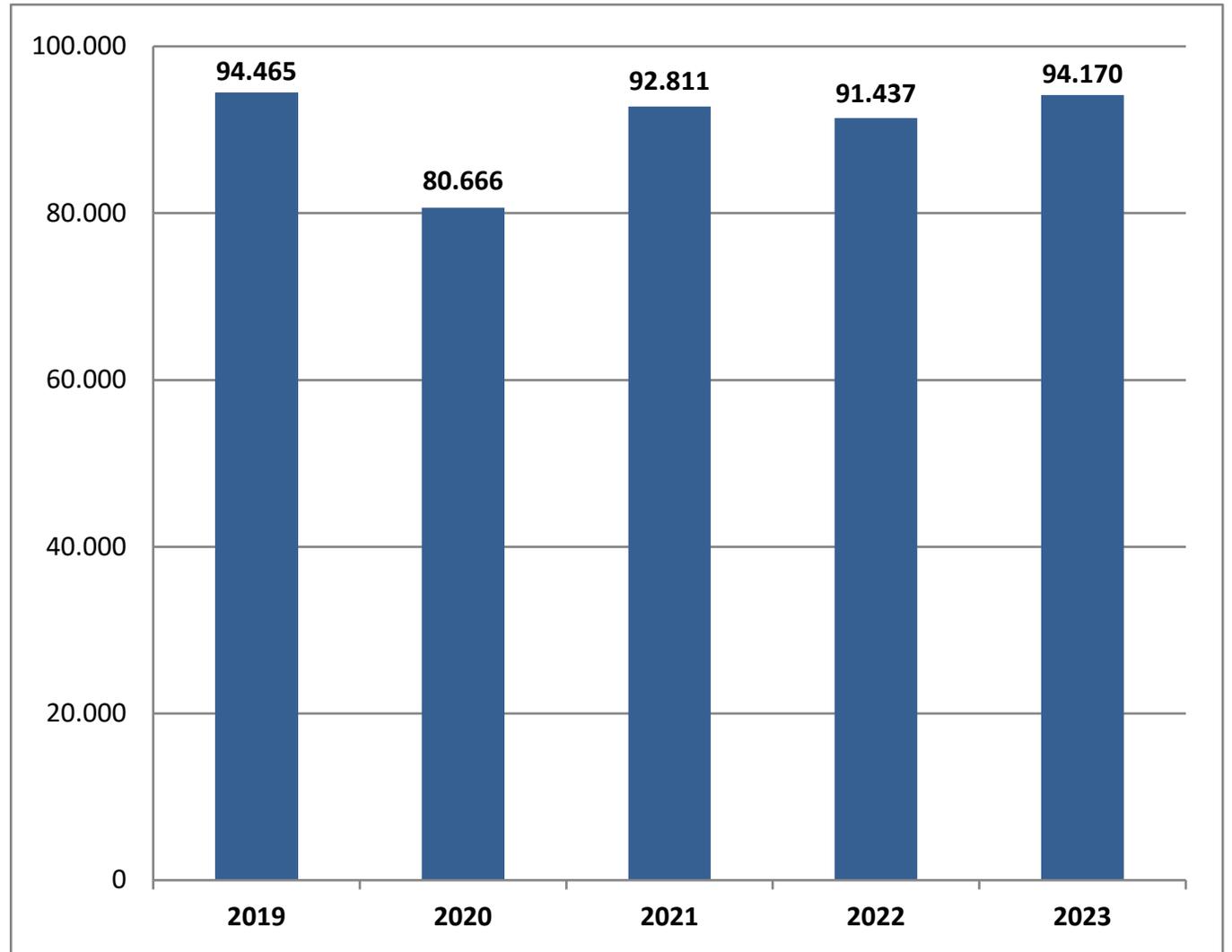
APPROX. 30 % OF ICELANDERS EVERY YEAR



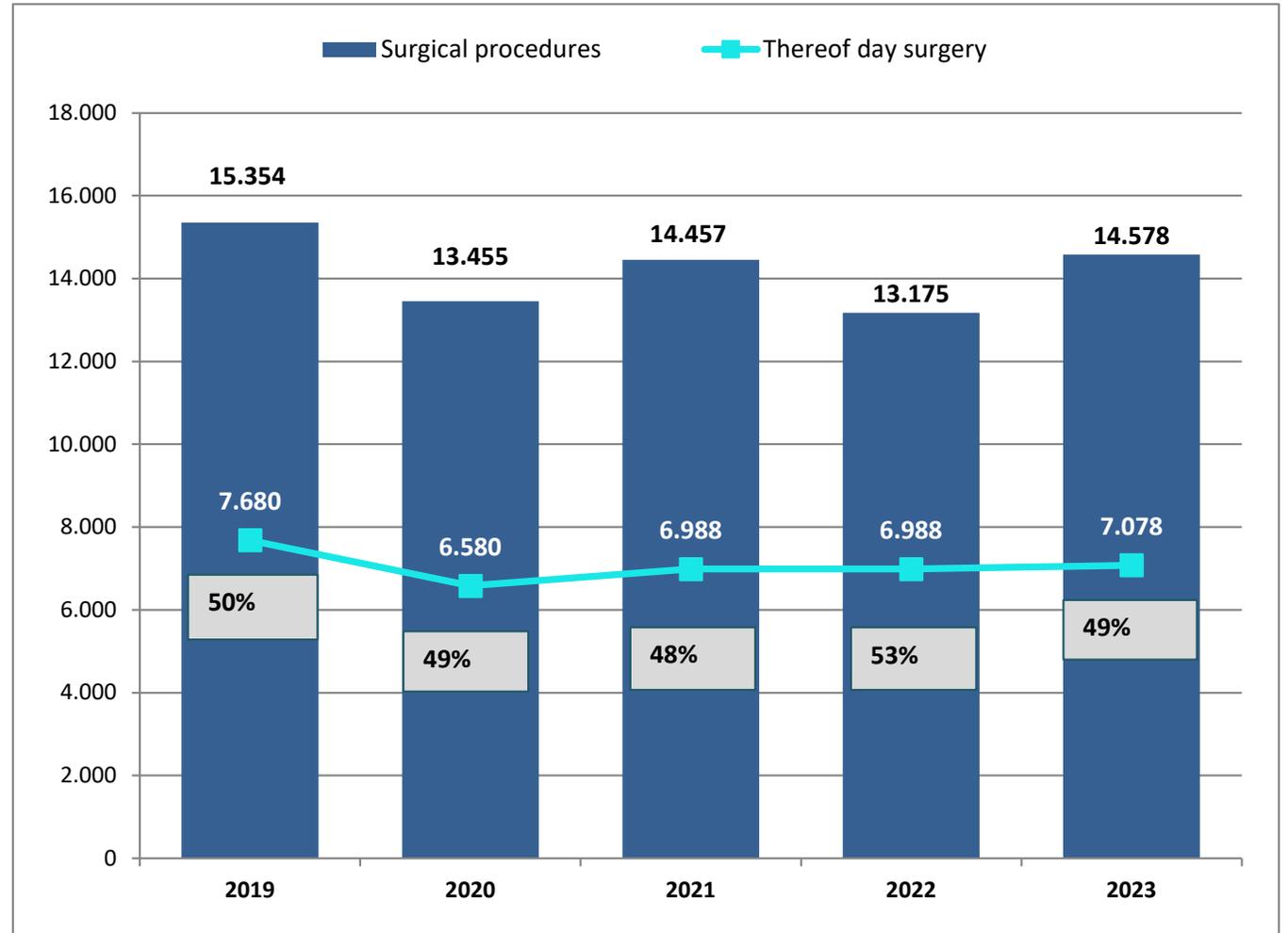
AVERAGE LENGTH OF STAY (DAYS)



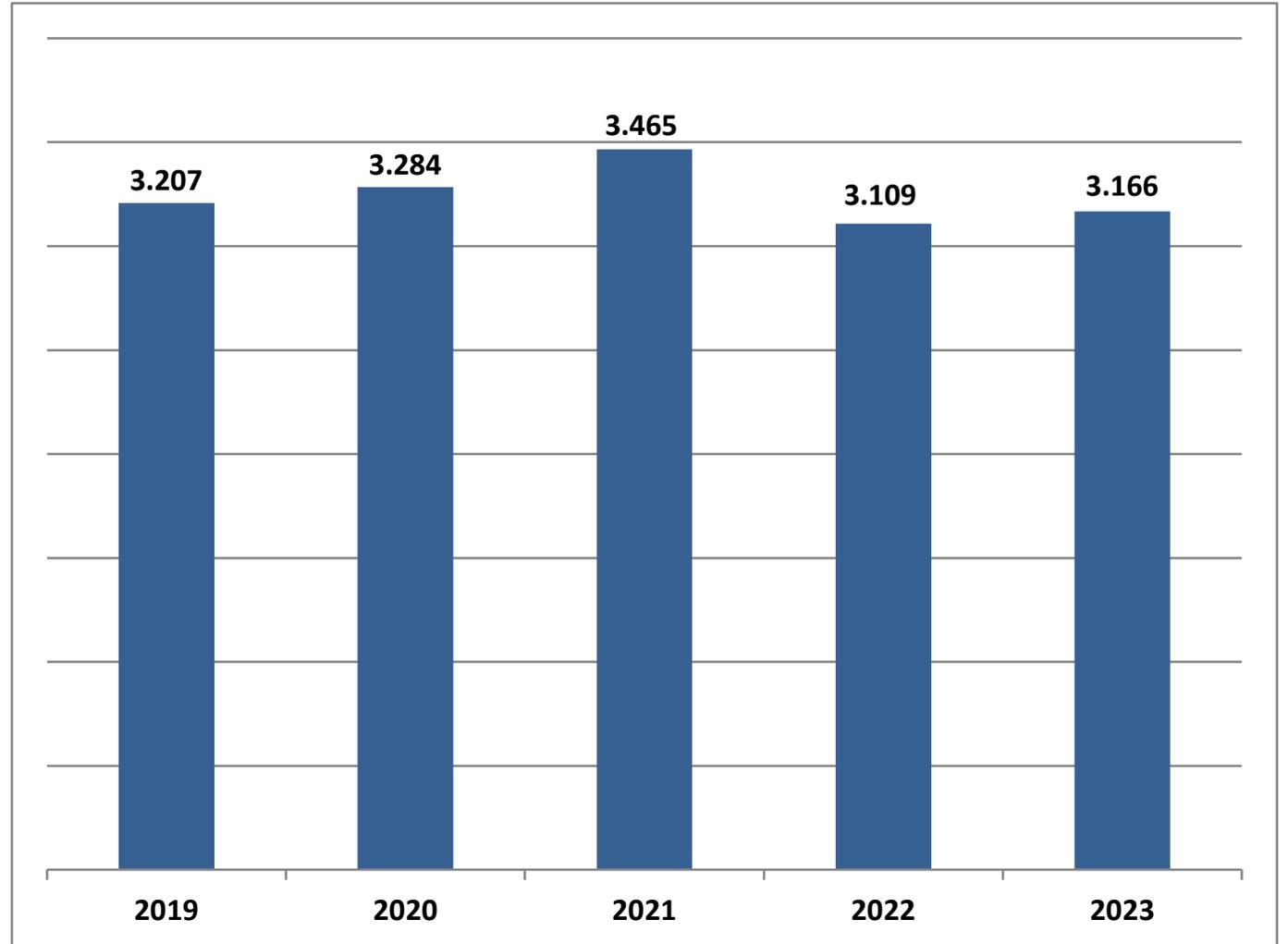
NUMBER OF VISITS TO EMERGENCY UNITS



SURGERY

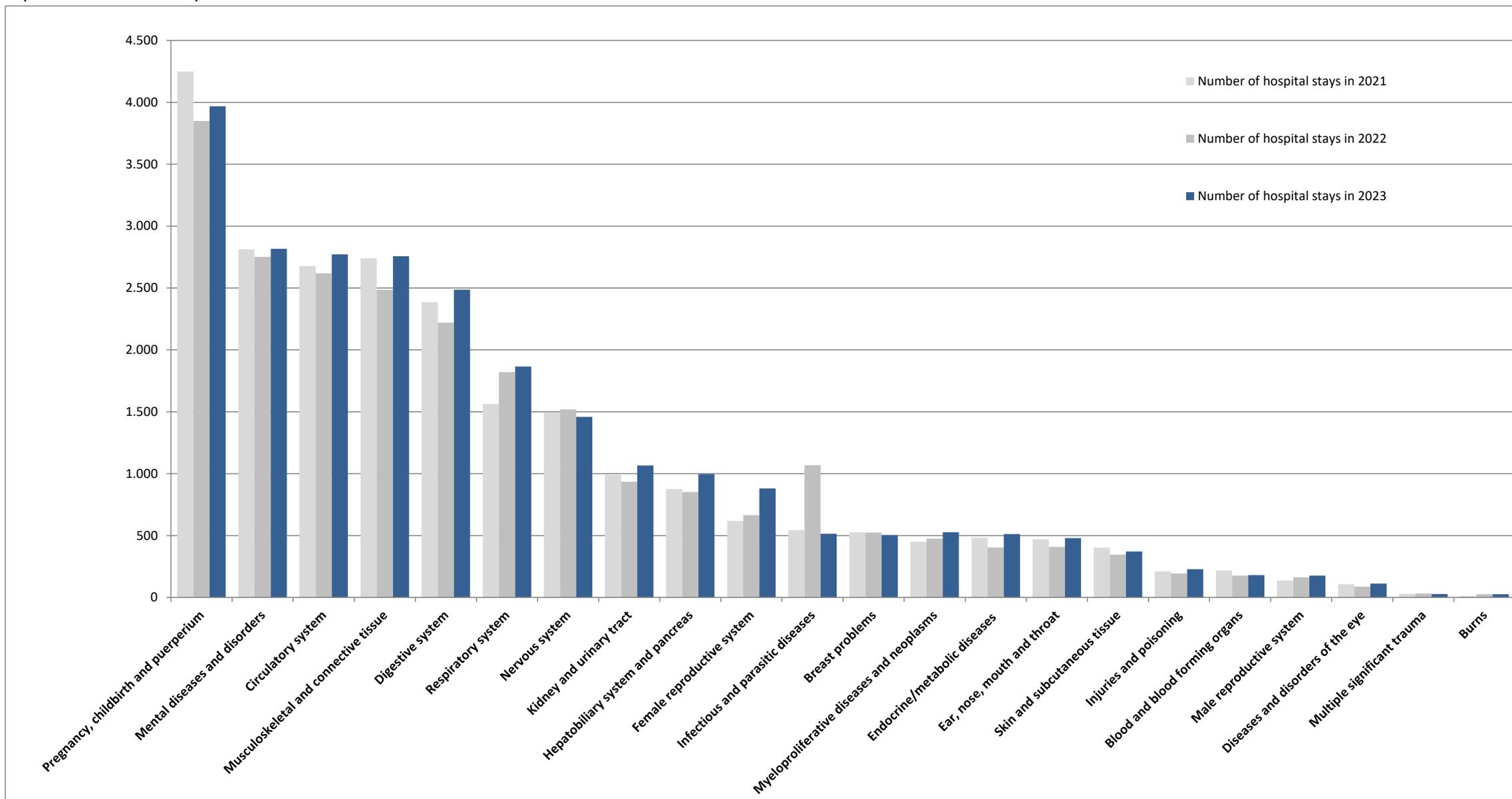


**OVER 70% OF
ALL BIRTHS
IN ICELAND
OCCUR AT
LANDSPITALI**

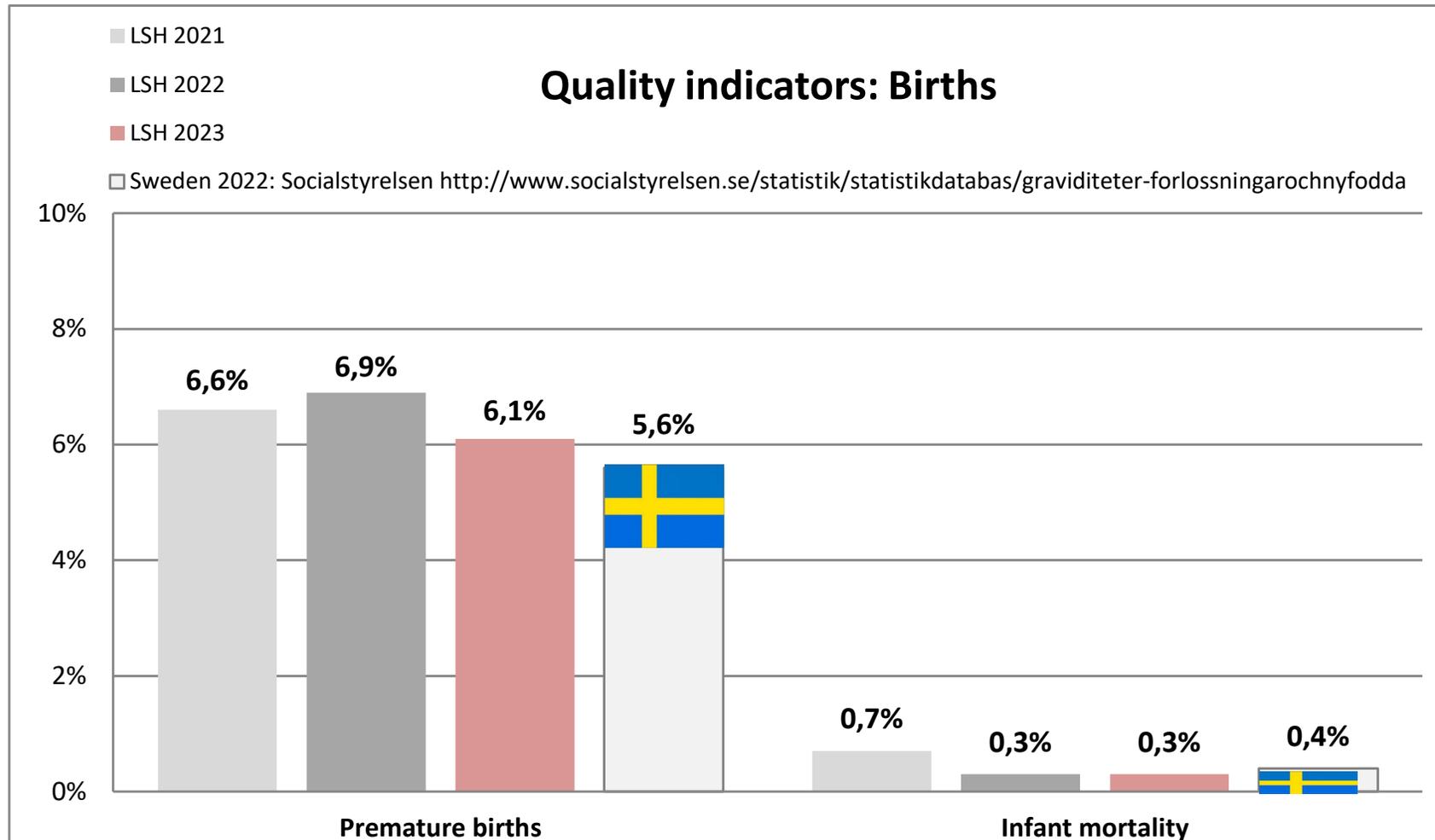


INPATIENTS; MAIN DIAGNOSTIC CATEGORIES

(OF THE DRG SYSTEM)

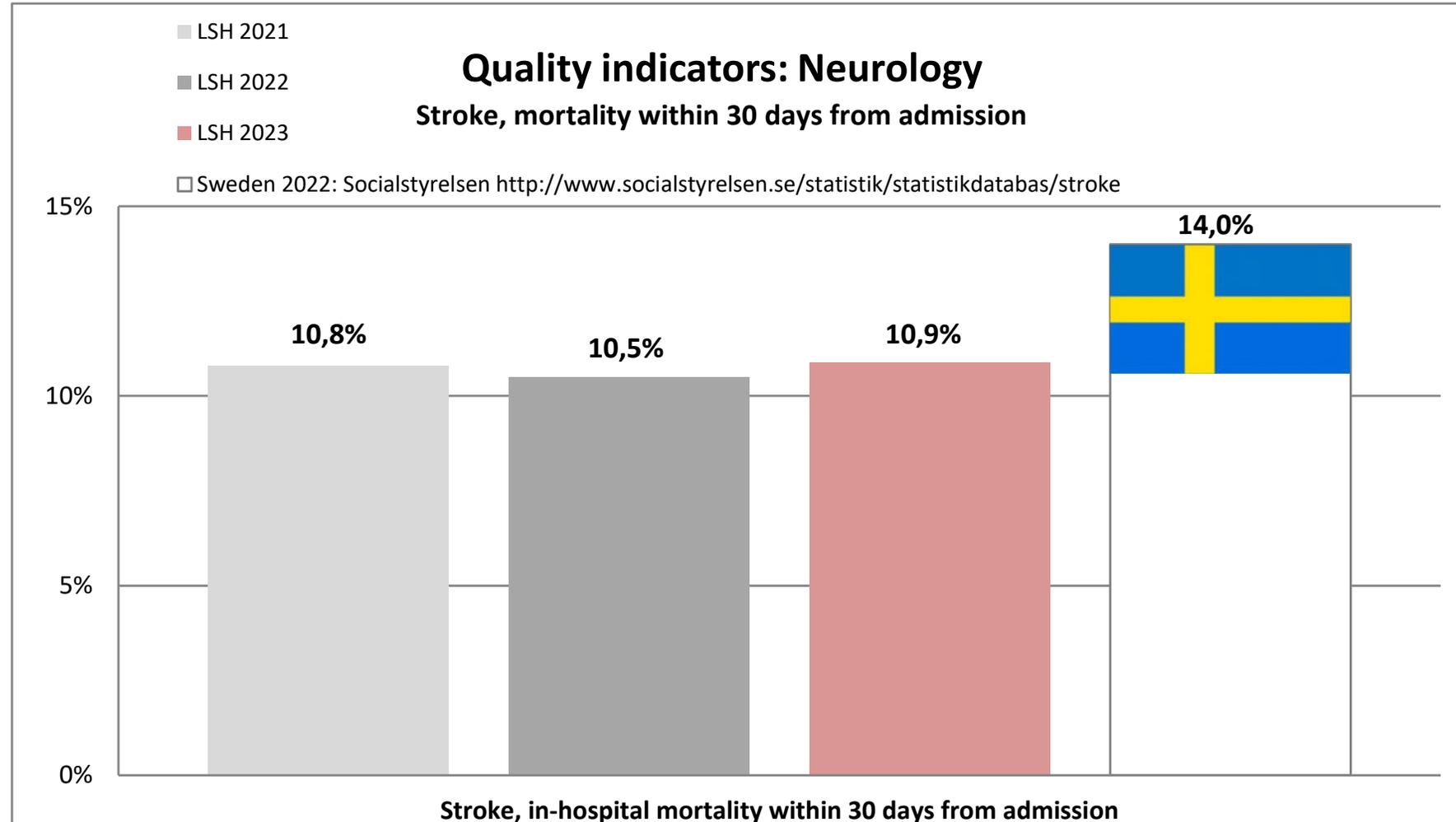


QUALITY INDICATORS: BIRTHS



QUALITY INDICATORS: NEUROLOGY

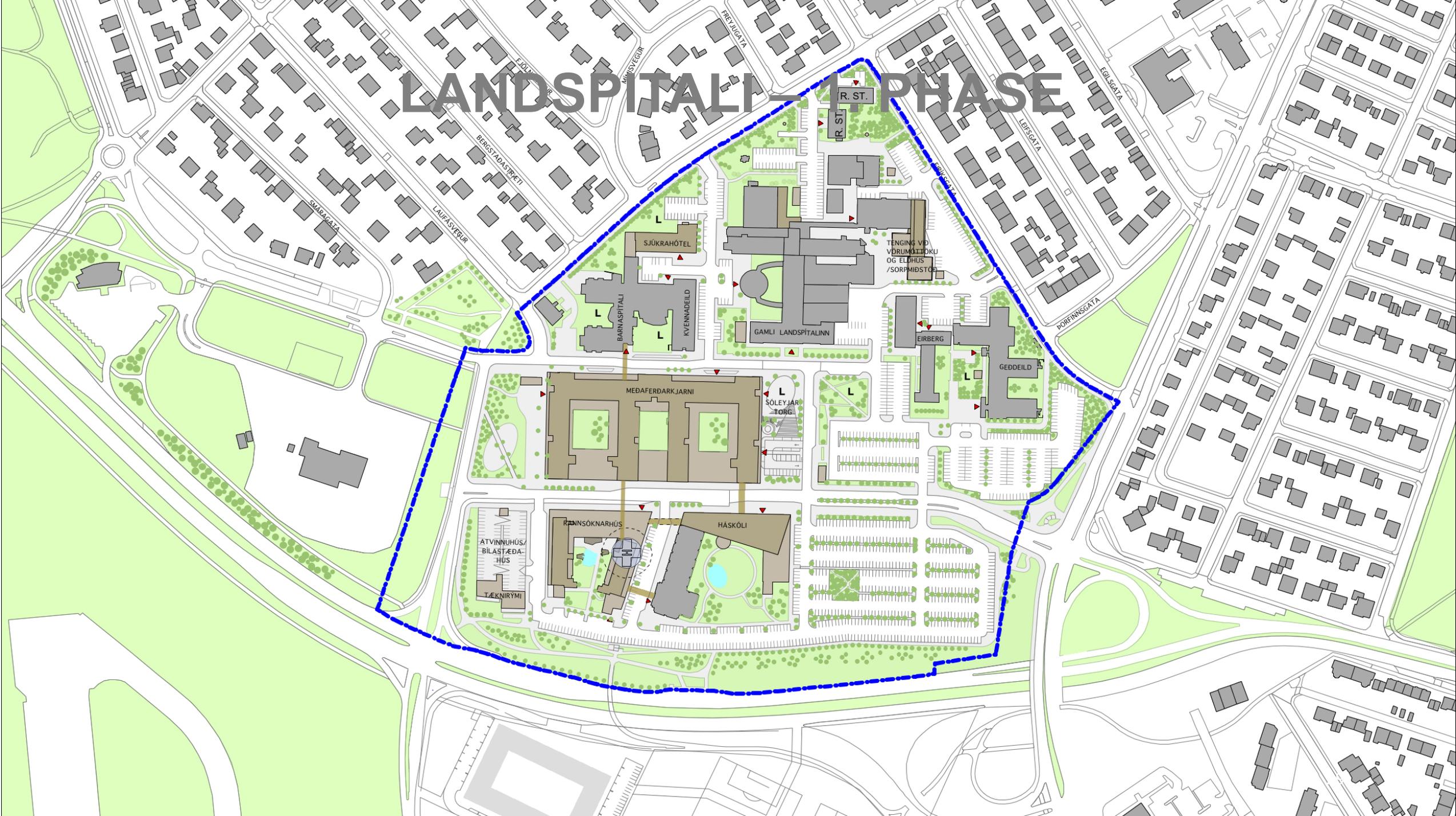
STROKE, MORTALITY WITHIN 30 DAYS FROM ADMISSION



NEW HOSPITAL BUILDING



LANDSPÍTALI — PHASE



LANDSPÍTALI – ACUTE CORE / TREATMENT AREAS /BED WARDS – 58.500 M²

