

# Indicator specification:

## PLDR collection of population health indicators

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Quality and Outcomes Framework Indicators: Stroke prevalence (QOF\_4\_10)



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## Overview

### Indicator title

Quality and Outcomes Framework: Stroke prevalence (QOF\_4\_10)

### Indicator family name

Quality and Outcomes Framework

### Summary

This indicator measures the percentage of registered patients recorded in QOF as having stroke. Annual LSOA-level estimates are provided for 2005-2024 in England.

### Technical description

QOF achievement records with areaid\_id values STIA001, STROKE 1 were used to identify GP practice-year prevalence estimates for stroke. Practice-year records with non-positive denominators or computed prevalences above 30% were excluded. GP practice prevalences were linked to annual patient counts by GP practice, LSOA and year, and weighted averages were calculated using the number of registered patients as weights.

### Unique Identifier

QOF\_4\_10

## Construction

### Data sources

The QOF is a voluntary reward and incentive programme within the General Medical Services contract. Datasets by year and GP practice are available from [www.gpcontract.co.uk](http://www.gpcontract.co.uk). Annual GP practice patient registration data by LSOA were used to derive LSOA-level weighted averages.

Additional information about the QOF can be found at: [www.gp-patient.co.uk](http://www.gp-patient.co.uk) and <https://digital.nhs.uk/data-and-information/data-collections-and-data-sets/data-collections/quality-and-outcomes-framework-qof>

### Construction of LSOA-level data

Condition-specific GP practice prevalence was calculated for each year where QOF data were available. These practice-level prevalences were joined to GP registration counts by practice, LSOA and year, then aggregated to LSOA level using patient-count weights to estimate annual prevalence of stroke.

**Denominator:**

Total number of registered patients per LSOA and year, derived from annual GP patient registration data

**Numerator:**

Estimated number of patients recorded in QOF as having stroke, by LSOA and year

**Presentation**

**Breakdowns**

**Time period**

Twenty years annual data: 2005-2024

**Geographic**

Lower Super Output Area (LSOA) levels in England

**Disclosure control**

This indicator has been produced using only publicly available datasets.

**Output: QOF\_4\_10\_Stroke\_LSOA.csv**

Column name	Description
lsoa11	LSOA 2011 code
year	Year
num	Estimated number of patients with stroke
den	Total number of registered patients
p_rate	Percentage

**Revision history**

Version	Date	Summary of changes
1.00	Aug 2019	First release.
2.00	Apr 2026	Time period extended to 2024.