

Indicator specification:

PLDR collection of population health indicators

Quality and Outcomes Framework Indicators: Asthma prevalence (QOF_4_03)



Version: 1.00

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Overview

Indicator title

Quality and Outcomes Framework: Asthma prevalence (QOF_4_03)

Indicator family name

Quality and Outcomes Framework

Summary

This indicator measures the percentage of patients with a diagnosis of asthma. Patients are of all ages, and numbers are given for 13 consecutive years, across areas of England.

Technical description

The percentage of patients with a diagnosis of asthma, excluding patients with asthma who were prescribed no asthma-related drugs in the preceding 12 months. GP practices reporting >30% asthma prevalence are excluded from the calculation. QOF data by GP practice and year were provided by the data owners. These data were used to calculate weighted averages of the indicator by Lower Super Output Area (LSOA).

Unique Identifier

QOF_4_03

Construction

Data sources

The QOF is a voluntary reward and incentive programme within the General Medical Services contract. It aims to reward GP practices in England for the quality of care they provide to their patients, and to help standardise improvements in the delivery of primary care. Datasets by year and GP practice are available to download from: www.gpcontract.co.uk.

Additional information about the QOF can be found at: 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

The percentage of patients with a diagnosis of asthma was calculated for each GP practice and year where data were available. Weighted averages of the indicator per LSOA and year were calculated using annual data provided by NHS Digital on the total number of patients registered per GP practice per LSOA.

Denominator:

Total number of registered patients per LSOA and year, provided by NHS Digital

Numerator:

Estimated number of patients with a diagnosis of asthma, by LSOA and year

Presentation

Breakdowns

Time period

Thirteen years annual data: 2005-2017

Geographic

Lower Super Output Area (LSOA) levels in England

Disclosure control

This indicator has been produced using only publicly available datasets.

Output: QOF_4_03__LSOA.csv

Column name	Description
Isa11	LSOA 2011 code
year	Year
num	Estimated number of patients with a diagnosis of asthma
den	Total number of registered patients
p_rate	Percentage

Revision history

Version	Date	Summary of changes
1.00	Aug 2019	First release