

Indicator specification:

PLDR collection of population health indicators

Prescribing indicators - Statins (P_1_08)



Version: 1.00

Date: August 2019

Authors: Konstantinos Daras & Benjamin Barr

Overview

Indicator title

Prescribing indicators - Statins (P_1_08).

Indicator family name

Prescribing indicators.

Summary

This indicator measures the number of Statins that are prescribed on a quarterly basis by all practices in England, including GP practices. Numbers are given for the total number of items prescribed and dispensed, the total net ingredient cost (NIC) and the average daily quantity (ADQ) for 7 consecutive years, across areas of England.

Technical description

The data covers NHS prescriptions of Statins (see Appendix I) written in England and dispensed in the community in the UK. Prescriptions written in England but dispensed outside England are included. The data includes prescriptions written by GPs and other non-medical prescribers (such as nurses and pharmacists) who are attached to GP practices. To allocate the prescribed items to each LSOA area, the Patients registered at a GP practice at Lower Super Output Area (LSOA) level was used. Patients Registered at a GP Practice dataset is a quarterly publication by NHS Digital and provides count of patients by gender.

Additional information about the GP Practice Prescribing Chemical-level Data and Patients Registered at a GP Practice can be found at:

GP Practice Prescribing Chemical-level Data: <https://digital.nhs.uk/data-and-information/publications/statistical/practice-level-prescribing-data>

Patients Registered at a GP Practice: <https://digital.nhs.uk/data-and-information/publications/statistical/patients-registered-at-a-gp-practice>

Unique Identifier

P_1_08

Construction

Data sources

Denominator:

Mid-year population estimates for England, provided by the Office for National Statistics (ONS). Population estimates are released in the summer following year end.

Numerator:

The number of statins that are prescribed on a quarterly basis by all practices in England at the LSOA level.

Data filters:

The denominator is the Mid-population estimates provided by ONS 2011-17 and requires no filtering. The numerator is the number of statins prescribed quarterly and it is produced by filtering the following BNF codes from the entire prescribing dataset (see Appendix I).

Presentation

Breakdowns

Time period

Quarterly data: Q4 2010 – Q4 2017

Demographic

Person

Geographic

Lower Super Output Areas (LSOA) level in England

Disclosure control

This indicator has been produced using only publicly available datasets.

Output: p_1_08_{year}_{quarter}_LSOA.csv

Column name	Description
LSOA11	LSOA code
ALL_PATIENTS	Number of patients (estimation based on the GP patients population - quarterly published by NHS Digital).
ADQS	Average Daily Quantity
ITEMS	Total prescribing items
NIC	Total Net ingredient cost
ALL_AGES	Mid-population estimates (ONS 2011-17)
ADQS_R	Average Daily Quantity rate
ITEMS_R	Total prescribing items rate
NIC_R	Total Net ingredient cost rate

Revision history

Version	Date	Summary of changes
1.00	Aug 2019	First release

Appendix I

BNFCODE	BNFNAME	ADQVALUE	ADQUNIT	DOSEUNIT	QUANT_MULT
0212000AAAAAAA	Rosuvastatin Calc_Tab 10mg	10	mg	mg	1
0212000AAAABAB	Rosuvastatin Calc_Tab 20mg	10	mg	mg	2
0212000AAAAACAC	Rosuvastatin Calc_Tab 40mg	10	mg	mg	4
0212000AAAAADAD	Rosuvastatin Calc_Tab 5mg	10	mg	mg	0.5
0212000AABBAAAA	Crestor_Tab 10mg	10	mg	mg	1
0212000AABBABAB	Crestor_Tab 20mg	10	mg	mg	2
0212000AABBACAC	Crestor_Tab 40mg	10	mg	mg	4
0212000AABBADAD	Crestor_Tab 5mg	10	mg	mg	0.5
0212000ACAAAAAA	Simvastatin/Ezetimibe_Tab 20mg/10mg	1	tab	tab	1
0212000ACAAABAB	Simvastatin/Ezetimibe_Tab 40mg/10mg	1	tab	tab	1
0212000ACAAACAC	Simvastatin/Ezetimibe_Tab 80mg/10mg	1	tab	tab	1
0212000ACBBAAAA	Inegy_Tab 10mg/20mg	1	tab	tab	1
0212000ACBBABAB	Inegy_Tab 10mg/40mg	1	tab	tab	1
0212000ACBBACAC	Inegy_Tab 10mg/80mg	1	tab	tab	1
0212000B0AAAAAA	Atorvastatin_Tab 10mg	20	mg	mg	0.5
0212000B0AABAB	Atorvastatin_Tab 20mg	20	mg	mg	1
0212000B0AAACAC	Atorvastatin_Tab 40mg	20	mg	mg	2
0212000B0AADAD	Atorvastatin_Tab 80mg	20	mg	mg	4
0212000B0AAAFAP	Atorvastatin_Oral Soln 20mg/5ml	20	mg	mg	0.2
0212000B0AAAGAG	Atorvastatin_Liq Spec 40mg/5ml	20	mg	mg	0.4
0212000B0AAHAH	Atorvastatin_Liq Spec 10mg/5ml	20	mg	mg	0.1
0212000B0AALAL	Atorvastatin_Tab Chble 10mg S/F	20	mg	mg	0.5
0212000B0AAMAM	Atorvastatin_Tab Chble 20mg S/F	20	mg	mg	1
0212000B0AANAN	Atorvastatin_Tab 30mg	20	mg	mg	1.5
0212000B0AAPAP	Atorvastatin_Tab 60mg	20	mg	mg	3
0212000B0AAQQAQ	Atorvastatin_Oral Susp 20mg/5ml	20	mg	mg	0.2
0212000B0BAAAAA	Lipitor_Tab 10mg	20	mg	mg	0.5
0212000B0BABAB	Lipitor_Tab 20mg	20	mg	mg	1
0212000B0BACAC	Lipitor_Tab 40mg	20	mg	mg	2
0212000B0BADAD	Lipitor_Tab 80mg	20	mg	mg	4
0212000B0BAEAL	Lipitor_Tab Chble 10mg	20	mg	mg	0.5
0212000B0BAFAM	Lipitor_Tab Chble 20mg	20	mg	mg	1
0212000M0AAAAAA	Fluvastatin Sod_Cap 20mg	40	mg	mg	0.5
0212000M0AABAB	Fluvastatin Sod_Cap 40mg	40	mg	mg	1
0212000M0AADAD	Fluvastatin Sod_Tab 80mg M/R	40	mg	mg	2

BNFCODE	BNFNAME	ADQVALUE	ADQUNIT	DOSEUNIT	QUANT_MULT
0212000M0BBAAAA	Lescol_Cap 20mg	40	mg	mg	0.5
0212000M0BBABAB	Lescol_Cap 40mg	40	mg	mg	1
0212000M0BBACAD	Lescol_XL_Tab 80mg	40	mg	mg	2
0212000M0BCAAAD	Luvinsta_XL_Tab 80mg	40	mg	mg	2
0212000M0BEAAAD	Dorisin_XL_Tab 80mg	40	mg	mg	2
0212000X0AAAAAA	Pravastatin_Sod_Tab 10mg	30	mg	mg	0.333333
0212000X0AAABAB	Pravastatin_Sod_Tab 20mg	30	mg	mg	0.666667
0212000X0AAADAD	Pravastatin_Sod_Tab 40mg	30	mg	mg	1.333333
0212000X0AAHAH	Pravastatin_Sod_Liq_Spec 40mg/5ml	30	mg	mg	0.266667
0212000X0AAKAK	Pravastatin_Sod_Liq_Spec 5mg/5ml	30	mg	mg	0.033333
0212000X0AAAMAM	Pravastatin_Sod_Pdr Sach 5mg	30	mg	mg	0.166667
0212000X0BBAAAA	Lipostat_Tab 10mg	30	mg	mg	0.333333
0212000X0BBABAB	Lipostat_Tab 20mg	30	mg	mg	0.666667
0212000X0BBACAD	Lipostat_Tab 40mg	30	mg	mg	1.333333
0212000Y0AAAAAA	Simvastatin_Tab 10mg	30	mg	mg	0.333333
0212000Y0AAABAB	Simvastatin_Tab 20mg	30	mg	mg	0.666667
0212000Y0AAADAD	Simvastatin_Tab 40mg	30	mg	mg	1.333333
0212000Y0AAHAH	Simvastatin_Tab 80mg	30	mg	mg	2.666667
0212000Y0AAKAK	Simvastatin_Oral Susp 20mg/5ml S/F	30	mg	mg	0.133333
0212000Y0AALAL	Simvastatin_Oral Susp 40mg/5ml S/F	30	mg	mg	0.266667
0212000Y0AAAMAM	Simvastatin_Liq_Spec 40mg/5ml	30	mg	mg	0.266667
0212000Y0BBAAAA	Zocor_Tab 10mg	30	mg	mg	0.333333
0212000Y0BBABAB	Zocor_Tab 20mg	30	mg	mg	0.666667
0212000Y0BBACAD	Zocor_Tab 40mg	30	mg	mg	1.333333
0212000Y0BBADAH	Zocor_Tab 80mg	30	mg	mg	2.666667
0212000Y0BDAAAA	Simvador_Tab 10mg	30	mg	mg	0.333333
0212000Y0BDABAB	Simvador_Tab 20mg	30	mg	mg	0.666667
0212000Y0BDACAD	Simvador_Tab 40mg	30	mg	mg	1.333333
0212000Y0BDADAH	Simvador_Tab 80mg	30	mg	mg	2.666667