

Indicator specification:

PLDR collection of population health indicators

Prescribing indicators - Antidepressants (P_1_07)



Version: 2.00

Date: May 2023

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Overview

Indicator title

Prescribing indicators - Antidepressants (P_1_07).

Indicator family name

Prescribing indicators.

Summary

This indicator measures the number of antidepressants 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) since 2011, across areas of England.

Technical description

The data covers NHS prescriptions of antidepressants (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>

Since April 2020, a new organisation structure of prescribing data was implemented by the NHSBSA as agreed by NHS England. As the data in the new EPD file structure is disaggregated across prescribed quantity, in order to get to the format of the original Practice Level Prescribing (PLP) file we grouped the data by STP_CODE, PCO_CODE, BNF_CODE, BNF_DESCRIPTION, and YEAR_MONTH. Then sum ITEMS, NIC, ACTUAL_COST and TOTAL_QUANTITY. Please see more details on the EPD guidance documents: (<https://www.nhsbsa.nhs.uk/prescription-data/prescribing-data/english-prescribing-data-epd>)

Unique Identifier

P_1_07

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 antidepressants 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 2011-2020 and requires no filtering. The numerator is the number of antidepressants 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 2022

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_07_{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 2011-2020)
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
2.00	May 2023	Update – up to Q4 2022
1.00	Aug 2019	First release

Appendix I

BNFCODE	BNFNAME	ADQVALUE	ADQUNIT	DOSEUNIT	QUANT_MULT
0403010B0AAA6A6	Amitriptyline HCl_Liq Spec 10mg/5ml	75	mg	mg	0.026666667
0403010B0AAA8A8	Amitriptyline/Perphenazine_Tab 25mg/2mg	3	tab	tab	0.33333334
0403010B0AAAF6F	Amitriptyline HCl_Oral Soln 50mg/5ml S/F	75	mg	mg	0.13333334
0403010B0AAAG6G	Amitriptyline HCl_Tab 10mg	75	mg	mg	0.13333334
0403010B0AAAH6H	Amitriptyline HCl_Tab 25mg	75	mg	mg	0.33333334
0403010B0AAAI6I	Amitriptyline HCl_Tab 50mg	75	mg	mg	0.66666669
0403010B0AAAN6N	Amitriptyline HCl_Oral Soln 25mg/5ml S/F	75	mg	mg	0.06666667
0403010B0AABC6C	Amitriptyline HCl_Oral Soln 10mg/5ml S/F	75	mg	mg	0.026666667
0403010B0BIAA6A	Triptafen_Tab	3	tab	tab	0.33333334
0403010F0AAAA6A	Clomipramine HCl_Cap 10mg	75	mg	mg	0.13333334
0403010F0AAAB6B	Clomipramine HCl_Cap 25mg	75	mg	mg	0.33333334
0403010F0AAAC6C	Clomipramine HCl_Cap 50mg	75	mg	mg	0.66666669
0403010F0AAAG6G	Clomipramine HCl_Tab 75mg M/R	75	mg	mg	1
0403010F0AAAN6N	Clomipramine HCl_Oral Soln 50mg/5ml	75	mg	mg	0.13333334
0403010F0AAAQ6Q	Clomipramine HCl_Oral Susp 50mg/5ml	75	mg	mg	0.13333334
0403010F0BBAA6A	Anafranil_Cap 10mg	75	mg	mg	0.13333334
0403010F0BBAB6B	Anafranil_Cap 25mg	75	mg	mg	0.33333334
0403010F0BBAF6F	Anafranil Sr_Tab 75mg	75	mg	mg	1
0403010J0AAA6A6	Dosulepin HCl_Oral Susp 25mg/5ml	75	mg	mg	0.06666667
0403010J0AAA7A7	Dosulepin HCl_Liq Spec 75mg/5ml	75	mg	mg	0.2
0403010J0AAAA6A	Dosulepin HCl_Cap 25mg	75	mg	mg	0.33333334

BNFCODE	BNFNAME	ADQVALUE	ADQUNIT	DOSEUNIT	QUANT_MULT
0403010J0AAAIAI	Dosulepin HCl_Tab 75mg	75	mg	mg	1
0403010J0AABBJB	Dosulepin HCl_Oral Soln 25mg/5ml	75	mg	mg	0.06666667
0403010J0AABKBK	Dosulepin HCl_Oral Soln 75mg/5ml	75	mg	mg	0.2
0403010J0BBAAAA	Prothiaden_Cap 25mg	75	mg	mg	0.33333334
0403010J0BBABAI	Prothiaden_Tab 75mg	75	mg	mg	1
0403010J0BDAAAI	Prepadine_Tab 75mg	75	mg	mg	1
0403010L0AAAAAA	Doxepin_Cap 10mg	75	mg	mg	0.13333334
0403010L0AAABAB	Doxepin_Cap 25mg	75	mg	mg	0.33333334
0403010L0AAACAC	Doxepin_Cap 50mg	75	mg	mg	0.66666669
0403010L0AAAEAE	Doxepin_Liq Spec 50mg/5ml	75	mg	mg	0.13333334
0403010L0BBACAC	Sinequan_Cap 50mg	75	mg	mg	0.66666669
0403010N0AAADAD	Imipramine HCl_Tab 10mg	75	mg	mg	0.13333334
0403010N0AAAEAE	Imipramine HCl_Tab 25mg	75	mg	mg	0.33333334
0403010N0AAAKAK	Imipramine HCl_Liq Spec 25mg/5ml	75	mg	mg	0.06666667
0403010N0AAAQAQ	Imipramine HCl_Oral Soln 25mg/5ml S/F	75	mg	mg	0.06666667
0403010R0AAAAAA	Lofepamine HCl_Tab 70mg	140	mg	mg	0.5
0403010R0AAALAL	Lofepamine HCl_Susp 70mg/5ml S/F	140	mg	mg	0.1
0403010R0BCAAAL	Lomont_Oral Susp 70mg/5ml S/F	140	mg	mg	0.1
0403010T0AAAAAA	Mianserin HCl_Tab 10mg	30	mg	mg	0.33333334
0403010T0AAACAC	Mianserin HCl_Tab 30mg	30	mg	mg	1
0403010V0AAADAD	Nortriptyline_Tab 10mg	75	mg	mg	0.13333334
0403010V0AAAEAE	Nortriptyline_Tab 25mg	75	mg	mg	0.33333334
0403010V0AAANAN	Nortriptyline_Liq Spec 10mg/5ml	75	mg	mg	0.02666667
0403010X0AAAAAA	Trazodone HCl_Cap 50mg	150	mg	mg	0.33333334
0403010X0AAABAB	Trazodone HCl_Cap 100mg	150	mg	mg	0.66666669
0403010X0AAADAD	Trazodone HCl_Tab 150mg	150	mg	mg	1
0403010X0AAAFAF	Trazodone HCl_Oral Liq 50mg/5ml S/F	150	mg	mg	0.06666667
0403010X0AAAGAG	Trazodone HCl_Liq Spec 50mg/5ml	150	mg	mg	0.06666667
0403010X0AAAHAH	Trazodone HCl_Liq Spec 250mg/5ml	150	mg	mg	0.33333334
0403010X0BBAAAA	Molipaxin_Cap 50mg	150	mg	mg	0.33333334
0403010X0BBABAB	Molipaxin_Cap 100mg	150	mg	mg	0.66666669
0403010X0BBADAD	Molipaxin_Tab 150mg	150	mg	mg	1
0403010Y0AAAAAA	Trimipramine Mal_Cap 50mg	75	mg	mg	0.66666669
0403010Y0AAABAB	Trimipramine Mal_Tab 10mg	75	mg	mg	0.13333334
0403010Y0AAACAC	Trimipramine Mal_Tab 25mg	75	mg	mg	0.33333334
0403010Y0BBABAB	Surmontil_Tab 10mg	75	mg	mg	0.13333334
0403020H0AAAAAA	Isocarboxazid_Tab 10mg	15	mg	mg	0.66666669
0403020K0AAAAAA	Moclobemide_Tab 150mg	300	mg	mg	0.5
0403020K0AAACAC	Moclobemide_Tab 300mg	300	mg	mg	1
0403020K0BBAAAA	Manerix_Tab 150mg	300	mg	mg	0.5
0403020K0BBABAC	Manerix_Tab 300mg	300	mg	mg	1
0403020M0AAAAAA	Phenelzine Sulf_Tab 15mg	60	mg	mg	0.25
0403020M0BBAAAA	Nardil_Tab 15mg	60	mg	mg	0.25
0403020Q0AAAAAA	Tranlycypromine Sulf_Tab 10mg	10	mg	mg	1
0403030D0AAAAAA	Citalopram Hydrob_Tab 20mg	20	mg	mg	1

BNFCODE	BNFNAME	ADQVALUE	ADQUNIT	DOSEUNIT	QUANT_MULT
0403030D0AAABAB	Citalopram Hydrob_Tab 10mg	20	mg	mg	0.5
0403030D0AAACAC	Citalopram Hydrob_Tab 40mg	20	mg	mg	2
0403030D0BBAAAA	Cipramil_Tab 20mg	20	mg	mg	1
0403030D0BBABAB	Cipramil_Tab 10mg	20	mg	mg	0.5
0403030D0BBACAC	Cipramil_Tab 40mg	20	mg	mg	2
0403030E0AAAAAA	Fluoxetine HCl_Cap 20mg	20	mg	mg	1
0403030E0AAACAC	Fluoxetine HCl_Oral Soln 20mg/5ml	20	mg	mg	0.2
0403030E0AAAEAE	Fluoxetine HCl_Cap 60mg	20	mg	mg	3
0403030E0AAAGAG	Fluoxetine HCl_Liq Spec 2.5mg/5ml	20	mg	mg	0.025
0403030E0AAHAH	Fluoxetine HCl_Oral Soln 20mg/5ml S/F	20	mg	mg	0.2
0403030E0AAAJAJ	Fluoxetine HCl_Tab 10mg	20	mg	mg	0.5
0403030E0AAAKAK	Fluoxetine HCl_Tab Disper 20mg S/F	20	mg	mg	1
0403030E0BBAAAA	Prozac_Cap 20mg	20	mg	mg	1
0403030E0BBABAC	Prozac_Liq 20mg/5ml	20	mg	mg	0.2
0403030E0BDAAAA	Oxactin_Cap 20mg	20	mg	mg	1
0403030E0BFAAAC	Prozit_Oral Soln 20mg/5ml	20	mg	mg	0.2
0403030E0BGAAAH	Prozep_Oral Soln 20mg/5ml	20	mg	mg	0.2
0403030E0BHAAAK	Olena_Tab Disper 20mg	20	mg	mg	1
0403030L0AAAAAA	Fluvoxamine Mal_Tab 50mg	100	mg	mg	0.5
0403030L0AAABAB	Fluvoxamine Mal_Tab 100mg	100	mg	mg	1
0403030L0BBAAAA	Faverin 50_Tab 50mg	100	mg	mg	0.5
0403030L0BBABAB	Faverin 100_Tab 100mg	100	mg	mg	1
0403030P0AAAAAA	Paroxetine HCl_Tab 20mg	20	mg	mg	1
0403030P0AAABAB	Paroxetine HCl_Tab 30mg	20	mg	mg	1.5
0403030P0AAAGAG	Paroxetine HCl_Oral Soln 10mg/5ml S/F	20	mg	mg	0.1
0403030P0AAAKAK	Paroxetine HCl_Tab 10mg	20	mg	mg	0.5
0403030P0BBAAAA	Seroxat_Tab 20mg	20	mg	mg	1
0403030P0BBABAB	Seroxat_Tab 30mg	20	mg	mg	1.5
0403030P0BBACAG	Seroxat_Liq 20mg/10ml S/F	20	mg	mg	0.1
0403030P0BBADAK	Seroxat_Tab 10mg	20	mg	mg	0.5
0403030Q0AAAAAA	Sertraline HCl_Tab 50mg	50	mg	mg	1
0403030Q0AAABAB	Sertraline HCl_Tab 100mg	50	mg	mg	2
0403030Q0AAHAH	Sertraline HCl_Liq Spec 25mg/5ml	50	mg	mg	0.1
0403030Q0AAKAK	Sertraline HCl_Liq Spec 150mg/5ml	50	mg	mg	0.60000002
0403030Q0AAANAN	Sertraline HCl_Liq Spec 20mg/5ml	50	mg	mg	0.079999998
0403030Q0AAAQAQ	Sertraline HCl_Oral Susp 50mg/5ml	50	mg	mg	0.2
0403030Q0AAARAR	Sertraline HCl_Oral Susp 100mg/5ml	50	mg	mg	0.40000001
0403030Q0BBAAAA	Lustral_Tab 50mg	50	mg	mg	1
0403030Q0BBABAB	Lustral_Tab 100mg	50	mg	mg	2
0403030X0AAAAAA	Escitalopram_Tab 10mg	10	mg	mg	1
0403030X0AAABAB	Escitalopram_Tab 20mg	10	mg	mg	2
0403030X0AAACAC	Escitalopram_Tab 5mg	10	mg	mg	0.5
0403030X0AAAFAF	Escitalopram_Oral Dps 20mg/ml S/F	10	mg	mg	2
0403030X0BBAAAA	Ciprallex_Tab 10mg	10	mg	mg	1
0403030X0BBABAB	Ciprallex_Tab 20mg	10	mg	mg	2

BNFCODE	BNFNAME	ADQVALUE	ADQUNIT	DOSEUNIT	QUANT_MULT
0403030X0BBACAC	Ciprallex_Tab 5mg	10	mg	mg	0.5
0403030X0BBAEAF	Ciprallex_Oral Dps 20mg/ml	10	mg	mg	2
0403030Z0AAAAAA	Citalopram HCl_Oral Dps 40mg/ml S/F	20	mg	mg	2
0403030Z0BBAAAA	Cipramil_Oral Dps 40mg/ml S/F	20	mg	mg	2
0403040F0AAAAAA	Flupentixol HCl_Tab 500mcg	1	mg	mg	0.5
0403040F0AAABAB	Flupentixol HCl_Tab 1mg	1	mg	mg	1
0403040F0BBAAAA	Fluanxol_Tab 500mcg	1	mg	mg	0.5
0403040F0BBABAB	Fluanxol_Tab 1mg	1	mg	mg	1
0403040S0AAABAB	Tryptophan_Tab 500mg	3000	mg	mg	0.16666667
0403040S0AAAGAG	Tryptophan_Cap 50mg	3000	mg	mg	0.016666668
0403040S0AAAIAI	Tryptophan_Cap 500mg	3000	mg	mg	0.16666667
0403040S0BBADAI	Optimax_Cap 500mg	3000	mg	mg	0.16666667
0403040T0AAAAAA	Nefazodone HCl_Tab 100mg	400	mg	mg	0.25
0403040T0AAABAB	Nefazodone HCl_Tab 200mg	400	mg	mg	0.5
0403040U0AAAAAA	Reboxetine_Tab 4mg	8	mg	mg	0.5
0403040U0BBAAAA	Edronax_Tab 4mg	8	mg	mg	0.5
0403040W0AAAAAA	Venlafaxine_Tab 37.5mg	100	mg	mg	0.375
0403040W0AAABAB	Venlafaxine_Tab 75mg	100	mg	mg	0.75
0403040W0AAADAD	Venlafaxine_Cap 75mg M/R	100	mg	mg	0.75
0403040W0AAAEAE	Venlafaxine_Cap 150mg M/R	100	mg	mg	1.5
0403040W0AAAJAJ	Venlafaxine_Tab 75mg M/R	100	mg	mg	0.75
0403040W0AAAKAK	Venlafaxine_Tab 150mg M/R	100	mg	mg	1.5
0403040W0AAALAL	Venlafaxine_Tab 225mg M/R	100	mg	mg	2.25
0403040W0AAAMAM	Venlafaxine_Tab 37.5mg M/R	100	mg	mg	0.375
0403040W0AAANAN	Venlafaxine_Oral Soln 37.5mg/5ml	100	mg	mg	0.075000003
0403040W0AAPAP	Venlafaxine_Oral Susp 37.5mg/5ml	100	mg	mg	0.075000003
0403040W0AAAQAQ	Venlafaxine_Oral Soln 75mg/5ml	100	mg	mg	0.150000001
0403040W0AARAR	Venlafaxine_Oral Susp 75mg/5ml	100	mg	mg	0.150000001
0403040W0AASAS	Venlafaxine_Cap 37.5mg M/R	100	mg	mg	0.375
0403040W0AATAT	Venlafaxine_Cap 225mg M/R	100	mg	mg	2.25
0403040W0BBABAB	Efexor_Tab 75mg	100	mg	mg	0.75
0403040W0BBADAD	Efexor XL_Cap 75mg	100	mg	mg	0.75
0403040W0BBAEAE	Efexor XL_Cap 150mg	100	mg	mg	1.5
0403040W0BCAAAD	Rodemel XL_Cap 75mg	100	mg	mg	0.75
0403040W0BCABAE	Rodemel XL_Cap 150mg	100	mg	mg	1.5
0403040W0BGAAAD	Vensir XL_Cap 75mg	100	mg	mg	0.75
0403040W0BGABAE	Vensir XL_Cap 150mg	100	mg	mg	1.5
0403040W0BHAAAD	Vexarin XL_Cap 75mg	100	mg	mg	0.75
0403040W0BHABAE	Vexarin XL_Cap 150mg	100	mg	mg	1.5
0403040W0BIAAAJ	ViePax XL_Tab 75mg	100	mg	mg	0.75
0403040W0BIABAK	ViePax XL_Tab 150mg	100	mg	mg	1.5
0403040W0BIACAA	ViePax_Tab 37.5mg	100	mg	mg	0.375
0403040W0BIADAB	ViePax_Tab 75mg	100	mg	mg	0.75
0403040W0BLAAAD	Venaxx XL_Cap 75mg	100	mg	mg	0.75
0403040W0BLABAE	Venaxx XL_Cap 150mg	100	mg	mg	1.5

BNFCODE	BNFNAME	ADQVALUE	ADQUNIT	DOSEUNIT	QUANT_MULT
0403040W0BMABAE	Politid XL_Cap 150mg	100	mg	mg	1.5
0403040W0BNAAAJ	Venlalic XL_Tab 75mg	100	mg	mg	0.75
0403040W0BNABAK	Venlalic XL_Tab 150mg	100	mg	mg	1.5
0403040W0BNACAL	Venlalic XL_Tab 225mg	100	mg	mg	2.25
0403040W0BNADAM	Venlalic XL_Tab 37.5mg	100	mg	mg	0.375
0403040W0BRAAAD	Venlablue XL_Cap 75mg	100	mg	mg	0.75
0403040W0BRABAE	Venlablue XL_Cap 150mg	100	mg	mg	1.5
0403040W0BRACAS	Venlablue XL_Cap 37.5mg	100	mg	mg	0.375
0403040W0BSAAAD	Tonpular XL_Cap 75mg	100	mg	mg	0.75
0403040W0BSABAE	Tonpular XL_Cap 150mg	100	mg	mg	1.5
0403040W0BTAAAD	Alventa XL_Cap 75mg	100	mg	mg	0.75
0403040W0BTABAE	Alventa XL_Cap 150mg	100	mg	mg	1.5
0403040W0BVAAAD	Depefex XL_Cap 75mg	100	mg	mg	0.75
0403040W0BVABAE	Depefex XL_Cap 150mg	100	mg	mg	1.5
0403040W0BWAAD	Venlaneo XL_Cap 75mg	100	mg	mg	0.75
0403040W0WBABAE	Venlaneo XL_Cap 150mg	100	mg	mg	1.5
0403040W0BXAAAJ	Sunveniz XL_Tab 75mg	100	mg	mg	0.75
0403040W0BXABAK	Sunveniz XL_Tab 150mg	100	mg	mg	1.5
0403040W0BZAAAK	Venladex XL_Tab 150mg	100	mg	mg	1.5
0403040W0BZABAJ	Venladex XL_Tab 75mg	100	mg	mg	0.75
0403040W0CBAAAE	Amphero XL_Cap 150mg	100	mg	mg	1.5
0403040W0CBABAD	Amphero XL_Cap 75mg	100	mg	mg	0.75
0403040X0AAAAAA	Mirtazapine_Tab 30mg	30	mg	mg	1
0403040X0AAAGAG	Mirtazapine_Oral Soln 75mg/5ml S/F	30	mg	mg	0.5
0403040X0AAAIAJ	Mirtazapine_Orodisper Tab 30mg	30	mg	mg	1
0403040X0AAALAL	Mirtazapine_Orodisper Tab 15mg	30	mg	mg	0.5
0403040X0AAAMAM	Mirtazapine_Orodisper Tab 45mg	30	mg	mg	1.5
0403040X0AAANAN	Mirtazapine_Tab 15mg	30	mg	mg	0.5
0403040X0AAAPAP	Mirtazapine_Tab 45mg	30	mg	mg	1.5
0403040X0AAAQAQ	Mirtazapine_Orodisper Tab 15mg S/F	30	mg	mg	0.5
0403040X0BBABAJ	Zispin_SolTab 30mg	30	mg	mg	1
0403040X0BBACAL	Zispin_SolTab 15mg	30	mg	mg	0.5
0403040X0BBADAM	Zispin_SolTab 45mg	30	mg	mg	1.5
0403040Y0AAAAAA	Duloxetine HCl_Cap G/R 30mg	60	mg	mg	0.5
0403040Y0AAABAB	Duloxetine HCl_Cap G/R 60mg	60	mg	mg	1
0403040Y0BBAAAA	Cymbalta_Cap G/R 30mg	60	mg	mg	0.5
0403040Y0BBABAB	Cymbalta_Cap G/R 60mg	60	mg	mg	1
0403040Z0AAAAAA	Agomelatine_Tab 25mg	25	mg	mg	1
0403040Z0BBAAAA	Valdoxan_Tab 25mg	25	mg	mg	1