

# RANKING of MENSTRUAL DISORDER in EUDRA

By Craig Paardekooper

## Data source :

Eudra-vigilance data for all medicines, substances, products and vaccines between 2017 and 2024. [500 Mb compressed].

Note : The single-line datafile is case-sensitive. Each symptom should be converted to lower case.

## Download link -

<https://www.dropbox.com/scl/fi/phs3y74e3fytltuuv7otx/eudra.zip?rlkey=5hwm09juhwp7cmks6qx8uw17a&st=lhie7ev0&dl=0>

## Method

For each drug, the total number of REPORTS were counted where 1 or more symptoms of “menstrual” occurred. This was divided by the total number of all REPORTS for that drug, to obtain the percentage of REPORTS for each drug that included “menstrual” as a reaction.

$$\% = \text{number of reports with "menstrual" for each drug} / \text{total number of reports for each drug}$$

This procedure was then repeated, but this time the frequency of the symptom “menstrual” within each report was taken into account.

$$\% = \text{number of symptoms of "menstrual" for each drug} / \text{total number of symptoms for each drug}$$

The total number of instances of occurrence of the symptom “menstrual” in the REACTION field was counted for each drug. This was then divided by the total number of symptoms for each drug – providing the percentage of symptom words that were “menstrual”.

## Results

The % of REPORTS with MENSTRUAL is shown in TABLE A

The % of SYMPTOMS with MENSTRUAL is shown in TABLE B

TABLE A : The top ranks –

- COVID
- ESTRADIOL

TABLE B : The top ranks –

- COVID
- ESTRADIOL

### Clinical Confirmation

Estradiol effects were confirmed from clinical literature –

Although you are using this medicine to prevent pregnancy, you should know that using this medicine while you are pregnant could harm the unborn baby. If you suspect that you may be pregnant, stop using this medicine immediately and check with your doctor.

Vaginal bleeding of various amounts may occur between your regular menstrual periods during the first 3 months of use. This is sometimes called spotting when slight, or breakthrough bleeding when heavier.

<https://www.mayoclinic.org/drugs-supplements/estradiol-and-dienogest-oral-route/side-effects/drg-20074271?p=1>

Note : Because the two highest ranks for menstrual disorder are occupied by COVID and by ESTRADIOL (the “birth control” drug), investigation is therefore needed to determine if COVID jabs have this effect because they operate by a similar mechanism to ESTRADIOL.

The question arises – is the COVID jab a birth control drug ?

FREQ = number of REPORTS with symptom (menstrual)

TOT = total number of all REPORTS

% = percentage of all REPORTS with symptom (menstrual)

TABLE A

DRUG	FREQ	TOT	%
COVID-19 MRNA VACCINE	36	131	27.48
[DIENOGEST, ESTRADIOL VALERATE, ESTRADIOL VALERATE, LACTOSE]	68	264	25.76
RYEQO [NORETHISTERONE ACETATE, ESTRADIOL, RELUGOLIX]	81	431	18.79
[DESOGESTREL]	1052	7334	14.34
COMIRNATY CONCENTRATE FOR DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	398	2979	13.36
COMIRNATY 30 MICROGRAMS/DOSE CONCENTRATE FOR DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	43	327	13.15
[DIENOGEST, ESTRADIOL VALERATE, ESTRADIOL VALERATE, LACTOSE, LACTOSE MONOHYDRATE]	295	2365	12.47
[ETHINYLESTRADIOL, LEVONORGESTREL]	23	232	9.91
[DROSPIRENONE, ETHINYLESTRADIOL]	13	133	9.77
[ETONOGESTREL]	10	106	9.43
COMIRNATY 30 MICROGRAMS/DOSE DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	48	646	7.43
EVRA [ETHINYLESTRADIOL, NORELGESTROMIN]	137	1968	6.96
COMIRNATY [TOZINAMERAN]	65935	1023748	6.44
[ESTRADIOL, ETHINYLESTRADIOL, NORGESTIMATE]	12	189	6.35
[ESTRADIOL HEMIHYDRATE]	186	3262	5.70
SPIKEVAX DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	30	533	5.63
SPIKEVAX [ELASOMERAN]	3108	57776	5.38
[CYPROTERONE ACETATE, ESTRADIOL VALERATE, ESTRADIOL VALERATE]	19	368	5.16
COVID-19 MRNA VACCINE MODERNA	1161	22994	5.05
TOZINAMERAN [TOZINAMERAN]	5474	121907	4.49
[MIFEPRISTONE]	270	6062	4.45
SAXENDA 6 MG/ML SOLUTION FOR INJECTION IN PRE-FILLED PEN			
[LIRAGLUTIDE]	20	472	4.24
[ULIPRISTAL ACETATE]	13	325	4.00

[ESTRADIOL HEMIHYDRATE, ESTRADIOL VALERATE]	19	479	3.97
[DYDROGESTERONE, ESTRADIOL, DYDROGESTERONE, ESTRADIOL HEMIHYDRATE, ESTRADIOL, ESTRADIOL HEMIHYDRATE]	28	774	3.62
SPIKEVAX [COVID-19 MRNA VACCINE MODERNA]	10580	292759	3.61
ELLAONE [ULIPRISTAL ACETATE]	159	5030	3.16
ALISKIREN [ALISKIREN]	18	595	3.03
ESMYA [ULIPRISTAL ACETATE]	82	2945	2.78
[ESTRADIOL, NORETHISTERONE ACETATE, ESTRADIOL]	18	653	2.76
SPIKEVAX COVID-19 MRNA VACCINE	35	1343	2.61
[LEVOTHYROXINE, LEVOTHYROXINE SODIUM]	10	390	2.56
[COVID-19 MRNA VACCINE MODERNA]	51	2018	2.53
[ESTRADIOL, ESTRADIOL HEMIHYDRATE, ESTRADIOL, NORETHISTERONE, NORETHISTERONE ACETATE, NORETHISTERONE ACETATE, ESTRADIOL, NORETHISTERONE ACETATE, ESTRADIOL HEMIHYDRATE]	10	427	2.34
[TRIPTORELIN, TRIPTORELIN ACETATE, TRIPTORELIN PAMOATE]	16	723	2.21
[PROGESTERONE, PROGESTERONE, MICRONISED]	37	1702	2.17
MACITENTAN [MACITENTAN]	12	554	2.17
[LEVOSULPIRIDE]	11	523	2.10
[TRIPTORELIN, TRIPTORELIN ACETATE]	11	529	2.08
[ELASOMERAN]	82	4003	2.05
COVID-19 VACCINE JANSSEN	11	571	1.93
[ESTRADIOL, ESTRADIOL HEMIHYDRATE]	85	4495	1.89
ELLAONE 30 MG TABLET [ULIPRISTAL ACETATE]	14	755	1.85
[PROGESTERONE]	31	1714	1.81
[ESTRADIOL]	105	5927	1.77
[HUMAN COAGULATION FACTOR VIII]	14	800	1.75
VAXZEVRIA COVID-19 VACCINE	21	1202	1.75
COVID-19 VACCINE ASTRAZENECA	5798	338165	1.71
[HUMAN PAPILLOMAVIRUS VACCINE]	13	814	1.60
COMIRNATY CONCENTRATE FOR DISPERSION FOR INJECTION [TOZINAMERAN]	15	964	1.56
COMIRNATY COVID-19 MRNA VACCINE	73	4849	1.51
[HUMAN PAPILLOMAVIRUS VACCINE [TYPES 6, 11, 16, 18]	16	1169	1.37
[BIFONAZOLE, CLOTRIMAZOLE]	12	905	1.33

[MEDROXYPROGESTERONE ACETATE, ESTROGENS CONJUGATED]	31	2392	1.30
[GOSERELIN, GOSERELIN ACETATE]	41	3164	1.30
[CLOTRIMAZOLE]	31	2404	1.29
SPIKEVAX	17	1498	1.13
SPIRONOLACTONE [SPIRONOLACTONE]	20	1949	1.03
VAXZEVRIA [COVID-19 VACCINE ASTRAZENECA]	1984	203454	0.98
GARDASIL [HUMAN PAPILLOMAVIRUS TYPE 11 L1 PROTEIN - ADSORBED - IN THE FORM OF VIRUS-LIKE PARTICLES PRODUCED IN YEAST CELLS]	174	17928	0.97
AIMOVIG [ERENUMAB]	135	14892	0.91
[TERBINAFINE HYDROCHLORIDE]	12	1411	0.85
XARELTO [RIVAROXABAN]	30	3680	0.82
MAVENCLAD [CLADRIBINE]	22	2972	0.74
[MISOPROSTOL]	20	2884	0.69
[TRANEXAMIC ACID]	10	1493	0.67
[EDOXABAN]	10	1569	0.64
COMIRNATY ORIGINAL/OMICRON BA.4-5 [TOZINAMERAN, FAMTOZINAMERAN]	13	2048	0.63
[WARFARIN, WARFARIN SODIUM]	39	6324	0.62
BRINTELLIX [VORTIOXETINE]	60	10028	0.60
LIXIANA [EDOXABAN, EDOXABAN TOSYLATE]	32	5375	0.60
[CABERGOLINE]	15	2545	0.59
[VENLAFAXINE, VENLAFAXINE HYDROCHLORIDE]	54	9259	0.58
VAXZEVRIA SUSPENSION FOR INJECTION COVID-19 VACCINE	21	3892	0.54
ELIQUIS 5 MG FILM-COATED TABLETS [APIXABAN]	18	3661	0.49
[SPIRONOLACTONE]	12	2633	0.46
[PAROXETINE]	11	2434	0.45
KAFTRIO [TEZACAFTOR, ELEXACAFTOR, IVACAFTOR]	26	5785	0.45
ORKAMBI [LUMACAFTOR, IVACAFTOR]	17	3788	0.45
[SODIUM VALPROATE, VALPROIC ACID, SODIUM, VALPROIC ACID, SODIUM VALPROATE]	15	3355	0.45
NPLATE [ROMIPLOSTIM]	25	6186	0.40
[AMISULPRIDE]	22	5472	0.40
[WARFARIN SODIUM]	79	22412	0.35
SAXENDA [LIRAGLUTIDE]	36	10505	0.34
MEPOLIZUMAB [MEPOLIZUMAB]	17	4971	0.34
[PAROXETINE, PAROXETINE HYDROCHLORIDE]	24	7415	0.32

BETA FERON [INTERFERON BETA-1B, RECOMBINANT INTERFERON BETA-1B]	12	3717	0.32
[FLUOXETINE, FLUOXETINE HYDROCHLORIDE]	35	10847	0.32
CHAMPIX [VARENICLINE, VARENICLINE TARTRATE]	86	26783	0.32
[ESTROGENS CONJUGATED, ESTRONE SODIUM SULFATE, EQUILIN SULFATE SODIUM]	10	3127	0.32
AUBAGIO [TERIFLUNOMIDE]	94	30352	0.31
[TOPIRAMATE]	36	11696	0.31
[ACENOCOUMAROL]	36	11701	0.31
LEMTRADA [ALEMTUZUMAB]	32	10429	0.31
[LAMOTRIGINE]	11	3599	0.31
ABILIFY [ARIPIPRAZOLE]	23	7776	0.30
[BUDESONIDE]	14	4871	0.29
SOLIRIS 300 MG [ECULIZUMAB]	30	10570	0.28
BENLYSTA [BELIMUMAB]	12	4261	0.28
ENOXAPARIN SODIUM [ENOXAPARIN SODIUM]	14	5346	0.26
PEGASYS [PEGINTERFERON ALFA-2A]	122	46855	0.26
BRILIQUE [TICAGRELOR]	24	9525	0.25
KESIMPTA [OFATUMUMAB]	14	5585	0.25
[TICAGRELOR]	16	6406	0.25
[NOT AVAILABLE]	47	18912	0.25
[MONTELUKAST, MONTELUKAST SODIUM]	18	7314	0.25
ELIQUIS [APIXABAN]	174	71989	0.24
[TERBINAFINE, TERBINAFINE HYDROCHLORIDE]	23	10138	0.23
[ENOXAPARIN SODIUM]	27	12069	0.22
NUCALA [MEPOLIZUMAB]	25	11321	0.22
COMBIVIR [ZIDOVUDINE, LAMIVUDINE]	11	5019	0.22
[VENLAFAXINE HYDROCHLORIDE]	20	9542	0.21
[EPLERENONE]	13	6375	0.20
[ENOXAPARIN, ENOXAPARIN SODIUM]	20	10060	0.20
BRAFTOVI [ENCORAFENIB]	10	5098	0.20
[BUPROPION HYDROCHLORIDE]	18	9382	0.19
[LISINOPRIL, LISINOPRIL DIHYDRATE]	11	5789	0.19
CYTARABINE [CYTARABINE]	21	11216	0.19
FAMPYRA [FAMPRIDINE]	14	7503	0.19
COSENTYX [SECUKINUMAB]	34	18468	0.18
XOLAIR [OMALIZUMAB]	34	19386	0.18
TAMIFLU [OSELTAMIVIR, OSELTAMIVIR PHOSPHATE]	24	13904	0.17
RINVOQ [UPADACITINIB]	18	10705	0.17
TRACLEER [BOSENTAN]	17	10749	0.16
CIMZIA [CERTOLIZUMAB PEGOL]	40	26158	0.15
[CICLOSPORIN]	22	14649	0.15

IBUPROFEN [IBUPROFEN, IBUPROFEN SODIUM]	14	10864	0.13
[MIRTAZAPINE]	15	12693	0.12
[ACETYLSALICYLIC ACID]	17	14576	0.12
FASLODEX [FULVESTRANT]	11	9537	0.12
OPSUMIT [MACITENTAN]	14	12318	0.11
CYMBALTA [DULOXETINE, DULOXETINE HYDROCHLORIDE]	27	24524	0.11
CLOPIDOGREL HYDROGEN SULFATE [CLOPIDOGREL HYDROGEN SULFATE]	11	10089	0.11
LEVETIRACETAM [LEVETIRACETAM]	15	14073	0.11
ZYPREXA [OLANZAPINE]	21	20564	0.10
PLAVIX [CLOPIDOGREL, CLOPIDOGREL HYDROGEN SULFATE]	35	34828	0.10
PEGINTRON [PEGINTERFERON ALFA-2B]	21	21003	0.10
ENTYVIO [VEDOLIZUMAB]	10	10128	0.10
CLOPIDOGREL [CLOPIDOGREL, CLOPIDOGREL BESILATE]	15	15333	0.10
STELARA [USTEKINUMAB]	31	31880	0.10
KEPPRA [LEVETIRACETAM]	26	28114	0.09
SUTENT [SUNITINIB, SUNITINIB MALATE]	41	44491	0.09
ARANESP [DARBEPOETIN ALFA]	10	11313	0.09
[CLARITHROMYCIN]	13	15011	0.09
SIMPONI [GOLIMUMAB]	26	30977	0.08
[AMITRIPTYLINE, AMITRIPTYLINE HYDROCHLORIDE]	10	12893	0.08
[GABAPENTIN]	12	15574	0.08
CICLOSPORIN [CICLOSPORIN]	15	20887	0.07
XELJANZ [TOFACITINIB, TOFACITINIB CITRATE]	19	27165	0.07
ARAVA [LEFLUNOMIDE]	24	34345	0.07
CELLCEPT [MYCOPHENOLATE MOFETIL]	11	15819	0.07
[ETHINYLESTRADIOL, ETONOGESTREL]	12	17991	0.07
NEXAVAR [SORAFENIB, SORAFENIB TOSILATE]	10	23763	0.04

FREQ = number of occurrences of the symptom (menstrual)

TOT = total number of all symptoms

% = percentage of all symptoms that are the symptom (menstrual)

TABLE B

DRUG	FREQ	TOT	%
COVID-19 MRNA VACCINE	44	403	10.92
[DIENOGEST, ESTRADIOL VALERATE, ESTRADIOL VALERATE, LACTOSE]	68	654	10.40
RYEQO [NORETHISTERONE ACETATE, ESTRADIOL, RELUGOLIX]	86	944	9.11
[LEVONORGESTREL, LEVONORGESTREL MICRONISED]	12	154	7.79
[DESOGESTREL]	1152	19000	6.06
COMIRNATY CONCENTRATE FOR DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	496	8385	5.92
[DIENOGEST, ESTRADIOL VALERATE, ESTRADIOL VALERATE, LACTOSE, LACTOSE MONOHYDRATE]	319	6820	4.68
[DESOGESTREL, DESOGESTREL EP]	11	246	4.47
[ETHINYLESTRADIOL, LEVONORGESTREL]	25	642	3.89
COMIRNATY 30 MICROGRAMS/DOSE CONCENTRATE FOR DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	46	1194	3.85
[ETNOGESTREL]	11	303	3.63
EVRA [ETHINYLESTRADIOL, NORELGESTROMIN]	142	4984	2.85
[DROSPIRENONE, ETHINYLESTRADIOL]	13	490	2.65
COVID-19 MRNA VACCINE MODERNA	1249	52039	2.40
COMIRNATY [TOZINAMERAN]	78646	3401635	2.31
[DYDROGESTERONE, ESTRADIOL, DYDROGESTERONE, ESTRADIOL HEMIHYDRATE, ESTRADIOL, ESTRADIOL HEMIHYDRATE]	30	1392	2.16
[CYPROTERONE ACETATE, ESTRADIOL VALERATE, ESTRADIOL VALERATE]	19	885	2.15
COMIRNATY 30 MICROGRAMS/DOSE DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	57	2697	2.11
ELLAONE [ULIPRISTAL ACETATE]	171	8152	2.10
SAXENDA 6 MG/ML SOLUTION FOR INJECTION IN PRE-FILLED PEN [LIRAGLUTIDE]	20	1047	1.91
SPIKEVAX DISPERSION FOR INJECTION COVID-19 MRNA VACCINE	34	1800	1.89

[ESTRADIOL, NORETHISTERONE ACETATE, ESTRADIOL]	21	1118	1.88
[MIFEPRISTONE]	270	14456	1.87
[ESTRADIOL HEMIHYDRATE]	195	11438	1.70
ESMYA [ULIPRISTAL ACETATE]	87	5567	1.56
SPIKEVAX [ELASOMERAN]	3964	271875	1.46
[ESTRADIOL, ESTRADIOL HEMIHYDRATE, ESTRADIOL, NORETHISTERONE, NORETHISTERONE ACETATE, NORETHISTERONE ACETATE, ESTRADIOL, NORETHISTERONE ACETATE, ESTRADIOL HEMIHYDRATE]	11	770	1.43
[ULIPRISTAL ACETATE]	13	913	1.42
[COVID-19 MRNA VACCINE MODERNA]	53	4171	1.27
TOZINAMERAN [TOZINAMERAN]	6704	537959	1.25
[ESTRADIOL HEMIHYDRATE, ESTRADIOL VALERATE]	19	1567	1.21
[LEVOSULPIRIDE]	11	915	1.20
SPIKEVAX [COVID-19 MRNA VACCINE MODERNA]	12478	1134759	1.10
ELLAONE 30 MG TABLET [ULIPRISTAL ACETATE]	14	1341	1.04
[ESTRADIOL, ETHINYLESTRADIOL, NORGESTIMATE]	17	1639	1.04
[TRIPTORELIN, TRIPTORELIN PAMOATE]	10	967	1.03
[TRIPTORELIN, TRIPTORELIN ACETATE]	15	1640	0.91
[TRIPTORELIN, TRIPTORELIN ACETATE, TRIPTORELIN PAMOATE]	16	1795	0.89
[HUMAN COAGULATION FACTOR VIII]	16	1970	0.81
[PROGESTERONE, PROGESTERONE, MICRONISED]	39	5011	0.78
[PROGESTERONE]	32	4122	0.78
[ELASOMERAN]	84	11149	0.75
[LEVOTHYROXINE, LEVOTHYROXINE SODIUM]	10	1415	0.71
SPIKEVAX COVID-19 MRNA VACCINE	38	5383	0.71
[MEDROXYPROGESTERONE ACETATE, ESTROGENS CONJUGATED]	32	4833	0.66
[CLOTRIMAZOLE]	31	5191	0.60
[ESTRADIOL, ESTRADIOL HEMIHYDRATE]	88	15160	0.58
[BIFONAZOLE, CLOTRIMAZOLE]	13	2252	0.58
ALISKIREN [ALISKIREN]	18	3329	0.54
[ESTRADIOL]	112	20718	0.54
COVID-19 VACCINE JANSSEN	12	2226	0.54
MACITENTAN [MACITENTAN]	12	2283	0.53
[GOSERELIN, GOSERELIN ACETATE]	42	8021	0.52
VAXZEVRIA COVID-19 VACCINE	25	4855	0.51

COMIRNATY ORIGINAL/OMICRON BA.4-5 [TOZINAMERAN, FAMTOZINAMERAN]	27	5362	0.50
JCOVDEN [COVID-19 VACCINE JANSSEN]	10	2100	0.48
COMIRNATY CONCENTRATE FOR DISPERSION FOR INJECTION [TOZINAMERAN]	17	3626	0.47
COVID-19 VACCINE ASTRAZENECA	6572	1420273	0.46
[HUMAN PAPILLOMAVIRUS VACCINE [TYPES 6, 11, 16, 18]	16	3599	0.44
COMIRNATY COVID-19 MRNA VACCINE	79	17963	0.44
SPIKEVAX	19	4406	0.43
[TERBINAFINE HYDROCHLORIDE]	13	3480	0.37
MAVENCLAD [CLADRIBINE]	23	6277	0.37
[HUMAN PAPILLOMAVIRUS VACCINE] [EDOXYABAN]	13	3654	0.36
ELIQUIS 5 MG FILM-COATED TABLETS [APIXABAN]	10	2823	0.35
VAXZEVRIA [COVID-19 VACCINE ASTRAZENECA]	20	6019	0.33
XARELTO [RIVAROXYABAN]	2266	728084	0.31
[TRANEXAMIC ACID]	34	11323	0.30
LIXIANA [EDOXYABAN, EDOXYABAN TOSYLATE]	10	3433	0.29
GARDASIL [HUMAN PAPILLOMAVIRUS TYPE 11 L1 PROTEIN - ADSORBED - IN THE FORM OF VIRUS-LIKE PARTICLES PRODUCED IN YEAST CELLS]	32	11269	0.28
ORKAMBI [LUMACAFTOR, IVACAFTOR]	186	73336	0.25
AIMOVIG [ERENUMAB]	18	7101	0.25
[SULPIRIDE]	151	60010	0.25
[MISOPROSTOL]	10	4060	0.25
SPIRONOLACTONE [SPIRONOLACTONE]	21	8632	0.24
[WARFARIN, WARFARIN SODIUM]	20	8281	0.24
BRINTELLIX [VORTIOXYTINE]	39	16194	0.24
KAFTRIO [TEZACAFTOR, ELEXACAFTOR, IVACAFTOR]	62	26635	0.23
[ESTROGENS CONJUGATED, ESTRONE SODIUM SULFATE, EQUILIN SULFATE SODIUM]	30	13032	0.23
[CABERGOLINE]	10	4624	0.22
[SPIRONOLACTONE]	15	7043	0.21
[WARFARIN SODIUM]	12	5790	0.21
[VENLAFAXINE, VENLAFAXINE HYDROCHLORIDE]	80	39736	0.20
BLINCYTO [BLINATUMOMAB]	58	29004	0.20
[PAROXYTINE]	10	5303	0.19
SAXENDA [LIRAGLUTIDE]	11	6393	0.17
AUBAGIO [TERIFLUNOMIDE]	42	24917	0.17
	95	64760	0.15

NPLATE [ROMIPLOSTIM]	26	18303	0.14
[AMISULPRIDE]	23	16730	0.14
[NOT AVAILABLE]	50	36859	0.14
KESIMPTA [OFATUMUMAB]	14	10505	0.13
LEMTRADA [ALEMTUZUMAB]	32	24294	0.13
VAXZEVRIA SUSPENSION FOR INJECTION COVID-19 VACCINE	21	16026	0.13
BRILIQUE [TICAGRELOR]	24	19302	0.12
[ENOXAPARIN SODIUM]	31	25220	0.12
[ACENOCOUMAROL]	36	30318	0.12
[TOPIRAMATE]	37	32803	0.11
ELIQUIS [APIXABAN]	178	159941	0.11
BETAFERON [INTERFERON BETA-1B, RECOMBINANT INTERFERON BETA-1B]	12	10792	0.11
CHAMPIX [VARENICLINE, VARENICLINE TARTRATE]	86	79567	0.11
[TICAGRELOR]	16	15260	0.10
[FLUOXETINE, FLUOXETINE HYDROCHLORIDE]	35	34424	0.10
[BUDESONIDE]	15	15760	0.10
ENOXAPARIN SODIUM [ENOXAPARIN SODIUM]	14	15430	0.09
[BUDESONIDE, BUDESONIDE, MICRONISED]	10	11137	0.09
[ENOXAPARIN, ENOXAPARIN SODIUM]	21	23757	0.09
SOLIRIS 300 MG [ECULIZUMAB]	31	36700	0.08
FAMPYRA [FAMPRIDINE]	14	17636	0.08
RINVOQ [UPADACITINIB]	20	26097	0.08
TAMIFLU [OSELTAMIVIR, OSELTAMIVIR PHOSPHATE]	24	31682	0.08
PEGASYS [PEGINTERFERON ALFA-2A]	125	168738	0.07
[SODIUM VALPROATE, VALPROIC ACID, SODIUM, VALPROIC ACID, SODIUM VALPROATE]	15	20863	0.07
[PAROXETINE, PAROXETINE HYDROCHLORIDE]	25	35408	0.07
[MONTELUKAST, MONTELUKAST SODIUM]	18	25858	0.07
[EPLERENONE]	13	18887	0.07
CYTARABINE [CYTARABINE]	28	40813	0.07
[ETHINYLESTRADIOL, ETONOGESTREL]	13	18973	0.07
[TERBINAFINE, TERBINAFINE HYDROCHLORIDE]	23	33633	0.07
[LAMOTRIGINE]	11	16286	0.07
[VENLAFAXINE HYDROCHLORIDE]	20	32519	0.06
BRAFTOVI [ENCORAFENIB]	10	16397	0.06
COMBIVIR [ZIDOVUDINE, LAMIVUDINE]	11	18489	0.06
ABILIFY [ARIPIPIRAZOLE]	23	40473	0.06
[BUPROPION HYDROCHLORIDE]	19	34445	0.06

[LISINOPRIL, LISINOPRIL DIHYDRATE]	11	20616	0.05
[CARVEDILOL]	12	23031	0.05
[MIRTAZAPINE]	18	34816	0.05
BENLYSTA [BELIMUMAB]	13	26092	0.05
XOLAIR [OMALIZUMAB]	34	68888	0.05
PEGINTRON [PEGINTERFERON ALFA-2B]	39	79479	0.05
NUCALA [MEPOLIZUMAB]	25	51968	0.05
TRACLEER [BOSENTAN]	18	37995	0.05
COSENTYX [SECUKINUMAB]	36	79011	0.05
RIBAVIRIN [RIBAVIRIN]	10	22333	0.04
MEPOLIZUMAB [MEPOLIZUMAB]	17	38107	0.04
[CICLOSPORIN]	22	49405	0.04
STELARA [USTEKINUMAB]	31	69766	0.04
FASENRA [BENRALIZUMAB]	10	22636	0.04
[OXCARBAZEPINE]	11	25551	0.04
PLAVIX [CLOPIDOGREL, CLOPIDOGREL HYDROGEN SULFATE]	35	87530	0.04
SIMPONI [GOLIMUMAB]	26	69916	0.04
[ACETYLSALICYLIC ACID]	17	46167	0.04
IBUPROFEN [IBUPROFEN, IBUPROFEN SODIUM]	15	42033	0.04
LEVETIRACETAM [LEVETIRACETAM]	15	42754	0.04
[BUPROPION, BUPROPION HYDROCHLORIDE]	10	29182	0.03
CIMZIA [CERTOLIZUMAB PEGOL]	40	121017	0.03
FASLODEX [FULVESTRANT]	11	35530	0.03
[CLARITHROMYCIN]	13	42594	0.03
KEPPRA [LEVETIRACETAM]	28	91741	0.03
ENTYVIO [VEDOLIZUMAB]	10	32883	0.03
CLOPIDOGREL [CLOPIDOGREL, CLOPIDOGREL BESILATE]	15	49493	0.03
ZYPREXA [OLANZAPINE]	22	72630	0.03
CLOPIDOGREL HYDROGEN SULFATE [CLOPIDOGREL HYDROGEN SULFATE]	11	36378	0.03
OPSUMIT [MACITENTAN]	15	56633	0.03
SUTENT [SUNITINIB, SUNITINIB MALATE]	50	190459	0.03
[AMITRIPTYLINE, AMITRIPTYLINE HYDROCHLORIDE]	10	38414	0.03
[GABAPENTIN]	13	53914	0.02
CELLCEPT [MYCOPHENOLATE MOFETIL]	11	48359	0.02
METHOTREXATE [METHOTREXATE]	12	55391	0.02
ARANESP [DARBEPOETIN ALFA]	10	46295	0.02
CYMBALTA [DULOXETINE, DULOXETINE HYDROCHLORIDE]	28	144948	0.02
XELJANZ [TOFACITINIB, TOFACITINIB CITRATE]	20	111192	0.02
CICLOSPORIN [CICLOSPORIN]	15	97150	0.02

NEXAVAR [SORAFENIB, SORAFENIB TOSILATE]	10	72614	0.01
ARAVA [LEFLUNOMIDE]	28	411542	0.01