

S6 Table: Trends in teratogenic drug exposure during pregnancy between 2013 and 2019.

Number of pregnancies exposed during preconceptional period or T1 (rate per 10,000 pregnancies)

	2013	2014	2015	2016	2017	2018	2019
All pregnancies identified during the period	790,664	774,640	764,881	746,832	736,475	726,083	713,709
Pregnancies exposed to at least one teratogenic drug							
All teratogenic drugs	8,898 (112.5)	8,488 (109.6)	7,309 (95.6)	6,556 (87.8)	6,069 (82.4)	5,772 (79.5)	5,234 (73.3)
Antineoplastic and Immunomodulating	202 (2.6)	256 (3.3)	282 (3.7)	258 (3.5)	241 (3.3)	274 (3.8)	282 (4.0)
mycophenolic acid	25 (0.3)	42 (0.5)	33 (0.4)	34 (0.5)	24 (0.3)	25 (0.3)	28 (0.4)
leflunomide	8 (0.1)	8 (0.1)	11 (0.1)	13 (0.2)	9 (0.1)	12 (0.2)	8 (0.1)
teriflunomide	(0.0)	1 (0.0)	12 (0.2)	15 (0.2)	14 (0.2)	15 (0.2)	15 (0.2)
fingolimod	12 (0.2)	30 (0.4)	28 (0.4)	27 (0.4)	34 (0.5)	29 (0.4)	43 (0.6)
methotrexate	157 (2.0)	175 (2.3)	199 (2.6)	169 (2.3)	161 (2.2)	194 (2.7)	188 (2.6)
Retinoids for systemic use	107 (1.4)	119 (1.5)	115 (1.5)	111 (1.5)	101 (1.4)	103 (1.4)	81 (1.1)
isotretinoin for systemic use	90 (1.1)	108 (1.4)	98 (1.3)	102 (1.4)	93 (1.3)	99 (1.4)	75 (1.1)
acitretin (retinoid psoriasis treatment)	14 (0.2)	10 (0.1)	13 (0.2)	8 (0.1)	6 (0.1)	2 (0.0)	5 (0.1)
alitretinoin	3 (0.0)	1 (0.0)	4 (0.1)	1 (0.0)	2 (0.0)	2 (0.0)	1 (0.0)
Retinoids for topical use	4,200 (53.1)	4,098 (52.9)	3,373 (44.1)	3,079 (41.2)	2,927 (39.7)	2,754 (37.9)	2,432 (34.1)
tretinoin	1,543 (19.5)	1,539 (19.9)	1,182 (15.5)	1,039 (13.9)	975 (13.2)	922 (12.7)	816 (11.4)
adapalene	2,765 (35.0)	2,639 (34.1)	2,240 (29.3)	2,088 (28.0)	2,009 (27.3)	1,868 (25.7)	1,645 (23.0)
Antiepileptic drugs	1,300 (16.4)	1,253 (16.2)	1,018 (13.3)	904 (12.1)	727 (9.9)	761 (10.5)	672 (9.4)
valproic acid	532 (6.7)	464 (6.0)	349 (4.6)	228 (3.1)	128 (1.7)	137 (1.9)	83 (1.2)
carbamazepin	337 (4.3)	314 (4.1)	287 (3.8)	286 (3.8)	231 (3.1)	236 (3.3)	235 (3.3)
oxcarbazepin	75 (0.9)	91 (1.2)	81 (1.1)	82 (1.1)	67 (0.9)	71 (1.0)	66 (0.9)
phenytoin	7 (0.1)	4 (0.1)	(0.0)	(0.0)	3 (0.0)	3 (0.0)	1 (0.0)
topiramate	406 (5.1)	406 (5.2)	330 (4.3)	332 (4.4)	310 (4.2)	327 (4.5)	305 (4.3)
Drugs for affective disorders	668 (8.4)	642 (8.3)	499 (6.5)	314 (4.2)	238 (3.2)	229 (3.2)	199 (2.8)
valpromide	238 (3.0)	247 (3.2)	170 (2.2)	91 (1.2)	70 (1.0)	44 (0.6)	19 (0.3)
lithium	146 (1.8)	139 (1.8)	138 (1.8)	140 (1.9)	126 (1.7)	149 (2.1)	153 (2.1)
divalproate	297 (3.8)	270 (3.5)	201 (2.6)	90 (1.2)	47 (0.6)	37 (0.5)	31 (0.4)
Antithyroid preparations	581 (7.3)	501 (6.5)	544 (7.1)	578 (7.7)	544 (7.4)	601 (8.3)	527 (7.4)
thiamazole	149 (1.9)	278 (3.6)	216 (2.8)	188 (2.5)	186 (2.5)	200 (2.8)	170 (2.4)
carbimazole	457 (5.8)	251 (3.2)	337 (4.4)	397 (5.3)	365 (5.0)	407 (5.6)	361 (5.1)
Vitamin K antagonists	529 (6.7)	451 (5.8)	406 (5.3)	307 (4.1)	333 (4.5)	241 (3.3)	223 (3.1)
warfarin	132 (1.7)	120 (1.5)	127 (1.7)	117 (1.6)	139 (1.9)	104 (1.4)	117 (1.6)
acenocoumarol	23 (0.3)	31 (0.4)	24 (0.3)	17 (0.2)	20 (0.3)	13 (0.2)	11 (0.2)
fludione	380 (4.8)	307 (4.0)	260 (3.4)	176 (2.4)	179 (2.4)	128 (1.8)	96 (1.3)
HMG Coa reductase inhibitors	1,286 (16.3)	1,164 (15.0)	1,018 (13.3)	907 (12.1)	856 (11.6)	690 (9.5)	700 (9.8)
simvastatin	211 (2.7)	199 (2.6)	184 (2.4)	172 (2.3)	148 (2.0)	106 (1.5)	121 (1.7)
simvastatin and ezetimibe	59 (0.7)	54 (0.7)	47 (0.6)	39 (0.5)	27 (0.4)	25 (0.3)	18 (0.3)
pravastatin	143 (1.8)	123 (1.6)	119 (1.6)	92 (1.2)	94 (1.3)	73 (1.0)	76 (1.1)
pravastatin and acetylsalicylic acid	11 (0.1)	2 (0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
fluvastatin	28 (0.4)	19 (0.2)	26 (0.3)	15 (0.2)	14 (0.2)	12 (0.2)	8 (0.1)
atorvastatin	409 (5.2)	426 (5.5)	419 (5.5)	414 (5.5)	423 (5.7)	348 (4.8)	357 (5.0)
atorvastatin and ezetimibe	(0.0)	(0.0)	(0.0)	14 (0.2)	29 (0.4)	25 (0.3)	25 (0.4)
atorvastatin and amlodipin	1 (0.0)	2 (0.0)	3 (0.0)	2 (0.0)	2 (0.0)	2 (0.0)	2 (0.0)
rosuvastatin	439 (5.6)	351 (4.5)	234 (3.1)	170 (2.3)	135 (1.8)	111 (1.5)	103 (1.4)
Other drugs acting as teratogens	140 (1.8)	155 (2.0)	148 (1.9)	175 (2.3)	162 (2.2)	169 (2.3)	171 (2.4)
acetazolamide	140 (1.8)	155 (2.0)	148 (1.9)	175 (2.3)	162 (2.2)	169 (2.3)	171 (2.4)