

S2 Table. Monthly change in dispensing in 2020 compared with predicted values estimated using ARIMA models with full aggregate Section 85 dispensing data

Month in 2020	Azithromycin	Hydroxychloroquine	Ivermectin	Colchicine
	Change in dispensings, n (95% CI)	Change in dispensings, n (95% CI)	Change in dispensings, n (95% CI)	Change in dispensings, n (95% CI)
Mar	69 (-1033 to 1171)	24799 (23887 to 25711)	142 (-31 to 316)	7106 (5814 to 8397)
Apr	-5867 (-7042 to -4692)	4977 (4042 to 5912)	22 (-154 to 198)	-2640 (-3936 to -1344)
May	-8883 (-10142 to -7624)	-7032 (-8025 to -6038)	520 (344 to 696)	-3888 (-5232 to -2545)
Jun	-6748 (-7922 to -5575)	-4736 (-5742 to -3731)	221 (47 to 396)	2457 (799 to 4114)
Jul	-7533 (-8796 to -6269)	-2382 (-3379 to -1386)	80 (-97 to 257)	880 (-774 to 2533)
Aug	-9229 (-10404 to -8055)	-1898 (-2871 to -926)	263 (86 to 439)	231 (-1523 to 1984)
Sep	-7804 (-8995 to -6613)	-1287 (-2240 to -335)	399 (224 to 574)	4695 (2812 to 6578)
Oct	-8640 (-9808 to -7472)	-2048 (-3004 to -1091)	55 (-120 to 231)	1743 (-127 to 3613)
Nov	-7132 (-8316 to -5948)	-1197 (-2130 to -265)	220 (45 to 395)	1647 (-344 to 3638)

Month in 2020	Corticosteroids	Calcitriol	All medicines
	Change in dispensings, n (95% CI)	Change in dispensings, n (95% CI)	Change in dispensings, n (95% CI)
Mar	87195 (66643 to 107747)	3698 (3256 to 4140)	5110790 (4350937 to 5870644)
Apr	-98233 (-124238 to -72229)	-418 (-888 to 52)	-2865463 (-3623925 to -2107001)
May	-145302 (-176357 to -114246)	-1283 (-1756 to -810)	-3924526 (-4705203 to -3143850)
Jun	-112895 (-148176 to -77614)	830 (355 to 1305)	-582967 (-1531222 to 365288)
Jul	-117706 (-156781 to -78631)	367 (-110 to 844)	-1002106 (-1951755 to -52458)
Aug	-127310 (-169837 to -84783)	148 (-332 to 628)	-1881239 (-2871030 to -891448)
Sep	-102474 (-148194 to -56754)	866 (384 to 1348)	-268893 (-1339225 to 801440)
Oct	-90971 (-139675 to -42267)	139 (-345 to 623)	-1217241 (-2295849 to -138633)
Nov	-59540 (-111056 to -8025)	262 (-225 to 749)	-877041 (-2000055 to 245974)

ARIMA = autoregressive integrated moving average models