Counts of synthetic cannabinotas submittea to taboratories from January 1, 2019,	ini ough Decem	00, 31, 2017, 4	na anaiyzea oy	march 31, 20	1				District of				
Drug	Alabama	Alaska	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	Columbia	Florida	Georgia	Hawaii	Idaho
4CN-CUMYL-BUTINACA	0	0	3	0	0	(	0	0	0	1	3	0	0
4CN-MDMB-BUTINACA	0	0	0	0	0	(	0	0	0	0	0	0	0
4F-MDMB-BUTINACA	14	0	0	90	2	2	. 0	0	3	17	44	0	0
5Cl-AB-PINACA	0	0	0	0	1	(	ő	o o	0	0	0	0	ő
5Cl-AKB48	1	ő	0	0	أ أ	i	o o	ő	Ö	ĭ	0	0	ő
5F-AB-PINACA	0	0	0	٥	ŏ		il ő	0	0	أ أ	0	0	Ŏ
5F-ABICA	0	0	0	١	il ő		il ő	0	0	١	0	0	Ö
5F-ADB	67	0	7	36	. 4		3	1	0	303	42	0	1
5F-ADB-PINACA	07	0	,	30	1 7		3 6	0	0		42	0	
5F-AEB	0	0	0	0	il %			0	0		1	1 0	. 0
5F-AKB48	0	0	0					0	0	3	0	0	. 0
5F-AMB	0	0	0		3			0	0	0	0	0	. 0
5F-CUMYL-PINACA	1	0	0	0	1			0	0		0	0	. 0
5F-EDMB-PINACA	1	0	0	2	1 0			0	0	1	0	0	. 0
	145	0	0	50	1 20	_		0	13	1 -	107	0	0
5F-MDMB-PICA	145	0	2	52		,	0	0		-	187	0	6
5F-MPP-PICA	1	0	0	3	0	(	0	0	0	_	0	0	0
5F-PB-22	0	0	0	0	0	(	0	0	0	0	0	0	0
AB-CHMINACA	0	0	0	l 0	'l 0	(	1 0	0	0	2	0	1 0	0
AB-FUBINACA	2	0	0	1	2	(	2	0	0	1	0	0	0
AB-PINACA	0	0	0	0	1	(	0	0	0	0	0	0	0
Adamantyl-CHMINACA	0	0	0	0	0	(	0	0	2	. 4	0	0	0
ADB-FUBINACA	5	0	1	2	10	(	0	0	1	11	0	0	0
ADB-PINACA	0	0	1	0	0	(	0	0	0	0	0	0	0
AKB48	0	0	0	0	0	(	0	0	0	0	0	0	0
AM-694	0	0	0	0	0	(	0	0	0	0	0	0	0
AM2201	1	0	0	0	0	(	0	0	0	1	4	0	0
AMB	0	0	0	0	0	(	0	0	0	0	0	0	0
APP-BUTINACA	1	0	0	0	0	(	0	0	0	0	0	0	0
CN-CUMYL-BUTINACA	0	0	0	0	0	(	0	0	0	1	0	0	0
EMB-FUBINACA	1	0	0	0	0	2	0	0	0	6	0	0	0
FDU-PB-22	0	0	0	0	0	(	0	0	0	0	0	0	0
Fluoro-MDMB-BUTINACA 2'-indazole isomer	0	0	0	0	0	(	0	0	0	1	0	0	0
Fluoro-ADB	0	0	0	0	0	(	0	0	0	56	0	0	0
Fluoro-AEB	0	0	0	0	0	(	0	0	0	0	0	0	0
Fluoro-EDMB-PINACA	0	0	2	0	0	(	0	0	0	25	0	0	0
Fluoro-MDMB-BUTINACA	0	0	0	0	0	(	0	0	0			0	0
Fluoro-MDMB-PICA	0	0	7	0	0	(	0	0	0	1,509	0	0	0
Fluoro-MPP-PICA	0	0	0	0	0	(	0	0	0		0	0	0
FUB-144	11	0	0	0	2	(	0	0	1	76	7	0	0
FUB-AKB48	0	0	0	0	0	(	0	0	0	0	0	0	0
FUB-AMB	40	0	35	10	6	i	o o	o o	0	127	14	0	ő
FUB-PB-22	2	0	0	0	i i	Ò	ol ő	o o	0		0	0	ő
JWH-018	0	0	1	l o	1	i	o o	o o	0	ő	1	0	ő
JWH-073	0	ő	0	0	أ أ	ì	o o	ő	0	ŏ	0	0	ő
JWH-081	ő	0	0	١	il ő		il ő	ő	0	Ĭ	0	0	Ŏ
JWH-122	0	0	0	١	il ő		il ő	0	0	l ő	0	0	٥
JWH-200	ő	0	0	١	il ő		il ő	ő	0	Ĭ	0	0	Ŏ
JWH-201	0	0	0	١	il ő		il ő	0	0	l ő	0	0	Ö
JWH-210	0	ő	0	1 0	il ő		il ő	0	0	l ő	0	0	ŏ
JWH-250	0	0	0	l 0	م م		il ő	0	0	l ő	1	1 0	ا م
MAB-CHMINACA	0	0	0	0	J 0		J 0	0	0	1	n	0	ا ۱
MAM-2201	0	0	0	"	] 0		J ~	0	0	1 1	0	0	ار ا
MDMB-4en-PINACA	0	0	0	1 2	0		]	0	0	320	1	0	]
MDMB-BUTINACA MDMB-BUTINACA	0	0	0		] ,		] ,	0	0	320	1	0	
	0	0	0	"	:		] ,	0	0	] 0	0	1	ا ا
MDMB-CHMICA	0	0	0	1			1 0	0	0	] 0	0	1 0	0
MEP-FUBINACA	0	0	0	1	] 0	(	] 0	0	0	1 0	0	1 0	] 0
MMB-022	1	0	0	0	1	(	ı <u> </u>	0	0	25	0	0	0

									District of				
Drug	Alabama	Alaska	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	Columbia	Florida	Georgia	Hawaii	Idaho
MMB-2201	0	0	0	0	0	0	0	0	0	14	0	0	
MMB-CHMICA	1	0	0	0	0	0	0	0	0	0	0	0	
MMB-FUBICA	1	0	0	3	0	2	0	0	0	109	25	0	
NM-2201	0	0	0	1	0	0	0	0	0	1	1	0	
PX-1	0	0	0	0	0	0	0	0	0	0	0	0	(
RCS-4	0	0	0	0	0	0	0	0	0	0	0	0	1
SDB-005	0	0	0	0	0	0	0	0	0	0	0	0	
Synthetic cannabinoids <sup>1</sup>	7	0	77	0	0	0	0	0	0	0	0	0	
Synthetic cannabinoids (adamantoylindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	
Synthetic cannabinoids (butaldehydeamidoindole nitrogen-heterocyclic analogs)	0	0	0	0	0	0	0	0	0	0	0	0	
Synthetic cannabinoids (butaldehydeamidoindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	
Synthetic cannabinoids (cyclopropanoylindoles) <sup>1</sup> Synthetic cannabinoids (nitrogen-heterocyclic analogs)	0	0	0	0	0	0	0	0	0	0	0	0	
Synthetic cannabinoids (nitrogen-heterocyclic analogs)	0	0	0	0	0	0	0	0	0	0	0	0	
Synthetic cannabinoids (phenylpropionaldehydeamidoindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	
THJ-2201	0	0	0	0	1	0	0	0	0	0	0	0	
UR-144	0	0	1	0	0	0	5	0	0	0	0	0	
XLR11	4	0	0	0	6	0	2	0	0	0	0	0	
XLR11 N-(2-fluoropentyl) isomer	0	0	0	1	0	0	0	0	0	0	0	0	

Table 4. State Counts for Synthetic Cannabinoids: 2019

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2019, through December 31, 2019, and analyzed by March 31, 2020.

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2019,													
Drug	Illinois	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi	Missouri
4CN-CUMYL-BUTINACA	0	0	0	1	9	0	0	0	0	0	0	0	0
4CN-MDMB-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
4F-MDMB-BUTINACA	5	336	66	102	126	123	0	11	0	0	0	8	25
5Cl-AB-PINACA	0	0	0	0	5	0	0	0	0	0	0	0	0
5Cl-AKB48	0	2	0	0	5	0	0	0	0	0	0	0	0
5F-AB-PINACA	0	0	0	0	0	0	0	0	3	0	0	0	0
5F-ABICA	0	0	0	0	0	0	0	0	0	0	0	2	0
5F-ADB	5	368	3	60	81	55	0	52	0	1	2	9	15
5F-ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
5F-AEB	0	0	0	0	0	0	0	0	0	0	0	0	0
5F-AKB48	0	0	0	5	0	0	0	0	0	0	0	0	0
5F-AMB	0	4	6	2	0	0	0	0	0	0	0	0	1
5F-CUMYL-PINACA	0	0	Õ	0	0	0	0	l ő	0	l ő	0	5	0
5F-EDMB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
5F-MDMB-PICA	30	486	47	109	184	204	0	158	6	0	15	32	32
5F-MPP-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
5F-PB-22	0	1	o o	0	0	0	0	0	0	0	0	ő	0
AB-CHMINACA	0	1	Õ	0	ĩ	3	0	l ő	0	l o	0	ő	0
AB-FUBINACA	0	0	o o	0	1	1	0	0	0	0	0	ő	3
AB-PINACA	0	0	o o	0	1	0	0	0	0	l o	0	ő	1
Adamantyl-CHMINACA	0	0	o o	0	0	0	0	0	0	0	0	ő	0
ADB-FUBINACA	0	5	0	7	13	Ö	0	31	0	0	0	ĩ	5
ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
AKB48	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-694	0	0	0	0	0	Ö	0	0	1	Ö	0	ő	Õ
AM2201	0	0	0	0	0	0	0	0	1	0	0	0	0
AMB	0	0	0	0	0	0	0	0	0	0	0	0	1
APP-BUTINACA	0	42	18	0	2	0	0	0	0	0	0	0	0
CN-CUMYL-BUTINACA	0	0	0	0	0	Ö	0	0	0	o o	0	0	Õ
EMB-FUBINACA	0	0	0	0	1	2	0	0	0	0	3	0	0
FDU-PB-22	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-MDMB-BUTINACA 2'-indazole isomer	0	0	o o	0	0	0	0	0	0	0	0	ő	ő
Fluoro-ADB	0	0	ŏ	4	ő	0	0	ő	0	Ö	0	ő	ő
Fluoro-AEB	0	0	ŏ	. 0	ő	0	0	l ŏ	0	l ő	1 0	l ő	ŏ
Fluoro-EDMB-PINACA	0	0	ŏ	0	ő	ő	0	ő	0	0	0	ő	ő
Fluoro-MDMB-BUTINACA	ő	ő	ñ	16	0	ŏ	0	0	0	l ő	0	0	0
Fluoro-MDMB-PICA	0	0	0	33	0	0	0	ا ٥	0	١	1 0	0	0
Fluoro-MPP-PICA	0	0	0	0	0	0	0	١	0	0	1 0	0	o l
FIGOTO-IVIT 1-1 TCA	U	U	U	0	U	U	0	Ü	U	U	U	U	U

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2019,													
Drug	Illinois	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi	Missouri
FUB-144	2	4	0	3	3	0	0	3	0	0	0	0	0
FUB-AKB48	0	1	0	3	0	0	0	0	0	0	1	0	0
FUB-AMB	85	56	7	51	44	15	0	7	97	0	4	16	22
FUB-PB-22	0	0	0	0	1	0	0	0	0	0	0	0	0
JWH-018	2	2	0	0	1	0	0	0	0	0	0	0	0
JWH-073	0	2	0	0	0	0	0	0	0	0	0	0	0
JWH-081	0	1	0	0	0	0	0	0	0	0	0	0	0
JWH-122	0	0	0	0	0	0	0	0	2	0	0	0	0
JWH-200	0	0	0	0	1	0	0	0	0	0	0	0	0
JWH-201	0	0	0	0	0	0	0	0	1	0	0	0	0
JWH-210	0	0	0	0	0	0	0	0	0	0	0	0	0
JWH-250	0	1	0	0	0	0	0	0	0	0	0	0	0
MAB-CHMINACA	0	0	0	2	0	0	0	2	0	0	0	0	0
MAM-2201	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-4en-PINACA	0	261	0	60	29	3	0	2	0	0	4	0	1
MDMB-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	8
MDMB-CHMICA	0	0	0	0	0	12	0	0	0	0	0	0	0
MEP-FUBINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
MMB-022	0	1	0	6	0	2	0	0	0	0	0	0	0
MMB-2201	0	0	2	0	1	1	0	0	0	0	0	0	0
MMB-CHMICA	0	3	0	0	4	0	0	0	0	0	0	0	1
MMB-FUBICA	2	12	0	2	10	0	0	0	0	0	0	6	1
NM-2201	0	0	0	3	0	0	0	0	0	0	0	0	0
PX-1	0	0	0	0	0	1	0	0	0	0	0	0	0
RCS-4	0	0	0	0	0	0	0	0	0	0	0	0	0
SDB-005	0	0	0	0	0	1	0	0	0	0	0	0	0
Synthetic cannabinoids <sup>1</sup>	0	0	0	0	0	1,250	1	0	187	0	0	0	0
Synthetic cannabinoids (adamantoylindoles) <sup>1</sup>	0	0	0	0	0	2	0	0	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindole nitrogen-heterocyclic analogs)	0	0	0	0	0	166	0	0	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindoles) <sup>1</sup>	0	0	0	0	0	494	0	0	0	0	0	0	0
Synthetic cannabinoids (cyclopropanoylindoles) <sup>1</sup>	0	0	0	0	0	3	0	0	0	0	0	0	0
Synthetic cannabinoids (nitrogen-heterocyclic analogs)	0	0	0	0	0	199	0	0	0	0	0	ő	0
Synthetic cannabinoids (nitrogen-heterocyclic analogs) Synthetic cannabinoids (phenylpropionaldehydeamidoindoles) <sup>1</sup>	0	0	0	0	0	3	0	0	0	0	0	0	ő
THJ-2201	0	0	0	0	3	0	0	0	0	0	0	0	0
UR-144	0	0	0	0	0	ō	Õ	0	ı i	0	0	ő	ő
XLR11	0	0	0	0	3	ō	Õ	0	0	0	0	ő	ĩ
XLR11 N-(2-fluoropentyl) isomer	ő	ő	0	0	0	ől	ő	ő	0	ő	ő	ő	0

				New				North					
Drug	Montana	Nebraska	Nevada	Hampshire	New Jersey	New Mexico	New York	Carolina	North Dakota	Ohio	Oklahoma	Oregon	Pennsylvania
4CN-CUMYL-BUTINACA	0	0	0	0	1	0	0	0	0	26	0	C	7
4CN-MDMB-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	2
4F-MDMB-BUTINACA	0	4	0	1	14	0	1	0	0	80	1	0	373
5Cl-AB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	3
5Cl-AKB48	0	0	0	0	0	0	0	0	0	0	0	C	1
5F-AB-PINACA	0	0	0	0	0	0	0	0	0	0	0	C	0
5F-ABICA	0	0	0	0	0	0	0	0	0	0	0	C	0
5F-ADB	0	0	2	1	58	0	13	0	1	90	10	1	241
5F-ADB-PINACA	0	0	1	0	0	0	0	0	0	1	0	C	0
5F-AEB	0	0	0	0	0	0	0	0	0	0	0	C	0
5F-AKB48	0	0	0	0	0	0	0	0	0	1	0	0	0
5F-AMB	0	0	0	0	0	0	0	0	0	0	0	C	0
5F-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	0	C	0
5F-EDMB-PINACA	0	0	0	0	0	0	0	0	0	24	0	C	0
5F-MDMB-PICA	0	8	7	4	182	0	27	3	2	170	4	2	1,162
5F-MPP-PICA	0	0	0	0	1	0	0	0	0	0	0	0	0
5F-PB-22	0	0	0	0	0	0	0	0	0	0	0	C	0
AB-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	C	2
AB-FUBINACA	0	0	0	0	1	0	0	0	0	5	0	0	1
AB-PINACA	0	0	0	0	0	0	0	0	l 0	2	0	0	0

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2019,	inrougn Decem	ber 31, 2019, ui	ia anatyzea by		1	1		NT (1		1	1	ı	
D		N. 1	N. 1	New Hampshire	N T	N N .	N	North Carolina	N d D L d	01.	0111		n , .
Drug	Montana	Nebraska	Nevada	Hampsnire	New Jersey	New Mexico	New York	Carolina	North Dakota	Ohio	Oklahoma	Oregon	Pennsylvania
Adamantyl-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-FUBINACA	0	4	0	0	4	0	1	0	0	6	1	0	30
ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
AKB48	0	0	0	0	0	0	0	0	0	0	0	0	0
AM-694	0	0	0	0	0	0	0	0	0	0	0	0	0
AM2201	0	0	0	0	0	0	0	0	0	0	0	0	0
AMB	0	0	0	0	0	0	0	0	0	0	0	0	0
APP-BUTINACA	0	0	0	0	2	0	1	0	0	7	0	0	10
CN-CUMYL-BUTINACA	0	0	0	0	0	0	0	0	0	0	o o	0	0
EMB-FUBINACA	0	Õ	0	٥	ő	0	ő	0	0	0	o õ	Õ	ر آ
FDU-PB-22	0	ő	0	٥	l ő	ő	ő	0	0	0	il ŏ	ď	ن م
Fluoro-MDMB-BUTINACA 2'-indazole isomer	0	ő	0	0	l ő	0	ő	0	0	0	il ŏ	l ő	) 0
Fluoro-ADB	0	10	0	1 0	11	0	0	0	0	0	il š	۱	) 0
Fluoro-AEB	0	10	0	0	11	0	0	0	0	0	il o		, ,
	0	0	0	0	0	0	0	0	0	0	1 %		, 0
Fluoro-EDMB-PINACA	1 0	0	0	1 0	0	0	0	0	0	1 0	]	] 0	(1 %)
Fluoro-MDMB-BUTINACA	0	0	0	0	8	0	0	0	0	0	J 🤅	] "	(] ()
Fluoro-MDMB-PICA	0	0	0	0	520	0	0	0	0	0	1 0	1 0	<u> </u>
Fluoro-MPP-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
FUB-144	0	0	0	0	24	0	2	2	0	33	0	0	22
FUB-AKB48	0	0	0	0	0	0	0	0	0	0	0	0	3
FUB-AMB	0	8	1	4	3	0	1	1	0	41	2	0	68
FUB-PB-22	0	1	0	0	0	0	0	0	0	1	0	0	0
JWH-018	0	0	1	0	0	0	0	0	0	1	0	0	0
JWH-073	0	0	0	0	0	0	0	0	0	0	0	0	0
JWH-081	0	0	0	0	0	0	0	0	0	0	0	0	0
JWH-122	0	0	0	0	0	0	0	0	0	0	0	0	0
JWH-200	0	0	0	0	0	0	0	0	0	0	ol o	0	0
JWH-201	0	Õ	0	l ő	0	0	0	0	0	0	ol ő	Ö	) o
JWH-210	0	Õ	0	0	0	0	ő	0	0	0	ة ا	0	) ő
JWH-250	0	ő	0	0	o o	0	ő	0	0	0	ň	, o	) ŏ
MAB-CHMINACA	ő	ŏ	1	ľ	ŏ	ő	ŏ	ő	0	0	il ŏ	ő	ı ĭ
MAM-2201	0	ő	0	0	l ő	0	ő	0	0	0	il š	0	) 1
MDMB-4en-PINACA	0	0	0	0	0	0	0	0	0	19	il o	0	16
MDMB-BUTINACA	0	0	0	0	0	0	0	0	0	19		0	40
MDMB-CHMICA	0	0	0	0	0	0	0	0	0	0		0	, 0
	0	0	0	0	0	0	0	0	0	0		0	, 0
MEP-FUBINACA	0	0	0	0	0	0	0	0	0	2	0	0	
MMB-022	0	0	0	0	0	0	0	0	0	0	0	0	0
MMB-2201	0	0	0	0	0	0	0	0	0	0	0	0	1
MMB-CHMICA	0	0	0	0	0	0	0	0	0	0	0	0	5
MMB-FUBICA	0	0	1	0	5	0	2	0	0	1	0	0	1
NM-2201	0	0	0	0	0	0	0	0	0	0	0	0	3
PX-1	0	0	0	0	0	0	0	0	0	0	0	0	0
RCS-4	0	0	0	0	0	0	0	0	0	0	0	0	0
SDB-005	0	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids <sup>1</sup>	8	0	0	0	20	0	7	4	0	31	0	0	0
Synthetic cannabinoids (adamantoylindoles) <sup>1</sup> Synthetic cannabinoids (butaldehydeamidoindole nitrogen-heterocyclic analogs)	0	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindole nitrogen-heterocyclic analogs)	0	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (cyclopropanoylindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0	ol ol
Synthetic cannabinoids (nitrogen-heterocyclic analogs)	ام	ől	ő	l ő	ő	ő	ŏ	ő	ő	0	ol ő	i o	ار ار
Synthetic cannabinoids (phenylpropionaldehydeamidoindoles) <sup>1</sup>	ام	ŏl	0	١	l o	o o	o o	0	0	l ő	م م	l o	ار ار
THJ-2201	I 0	٥	0	١	l 0	1 0	0	0	0	1 0	ıl ŏ	1 0	ام ار
UR-144	0	0	0	0	0	0	0	0	0	0	J ~		ار ا
XLR11	0	0	0	I 0	0	0	0	0	J 0	0	1 %	] 0	7I %I
XLR11 N-(2-fluoropentyl) isomer	0	1	0	0	0	0	0	0	0	4	] ,		\[ \ \ \ \ \ \ \
ALKII N-(Z-Huoropentyi) isomer	0	0	0	. 0	. 0	. 0	0	0	0	0	1 0	1 0	1 0

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2019,	imough Deceme		una anaryzea oy	march 31, 202	1					337 4	1	
D.	n	South		m.	<b>T</b>	***	*7	***	***	West	****	***
Drug	Rhode Island	Carolina	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	Virginia	Wisconsin	Wyoming
4CN-CUMYL-BUTINACA	0	2	0	1	6	0	0	13	0	0	0	(
4CN-MDMB-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	(
4F-MDMB-BUTINACA	0	2	1	51	582	16	0	19	0	1	0	8
5Cl-AB-PINACA	0	0	0	0	0	3	ő	0	ő	0	ő	l i
5Cl-AKB48	ő	0	o o	0	ŏ	3	ő	22	o o	0	ŏ	1 7
	0	0	0	0	1	3	0	22	0	0	0	1
5F-AB-PINACA	0	0	0	0	1	0	0	0	0	0	0	9
5F-ABICA	0	0	0	0	0	0	0	0	0	0	0	(
5F-ADB	0	3	0	4	387	9	0	93	0	4	4	2
5F-ADB-PINACA	0	0	0	0	0	0	0	0	0	1	0	(
5F-AEB	0	0	0	0	14	0	0	0	0	0	0	(
5F-AKB48	0	0	0	0	0	3	0	0	0	0	0	(
5F-AMB	ő	1	ő	ő	ž	0	ő	ő	ŏ	0	ŏ	l ä
5F-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	41	0	0	0	0	0	0	
5F-EDMB-PINACA	0	0	U	0	41	0	0	0	0	0	0	(
5F-MDMB-PICA	0	15		39	828	239	0	175	2	7	6	52
5F-MPP-PICA	0	0	0	0	9	0	0	0	0	0	0	(
5F-PB-22	0	0	0	0	0	0	0	0	0	0	0	(
AB-CHMINACA	ñ	1	0	ñ	7	ñ	ñ	ñ	ñ	ñ	ñ	7
AB-FUBINACA	١	0	1	0	2	0	1 0	0	o o	0	0	l à
AB-PINACA	0	0	1	0	3	0	0	0	0	0	0	
	0	2	0	0	0	0	0	0	0	0	0	9
Adamantyl-CHMINACA	0	0	0	0	1	0	0	0	0	0	0	(
ADB-FUBINACA	0	0	3	0	5	0	0	7	0	0	0	(
ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	(
AKB48	0	0	0	0	1	0	0	0	0	0	0	(
AM-694	0	0	0	0	0	0	Ó	0	0	0	0	l i
AM2201	0	0	0	0	0	0	0	0	1	12	0	1
	0	0	0	0	0	0	0	0	1	12	0	
AMB	0	0	0	0	0	0	0	0	0	0	0	(
APP-BUTINACA	0	0	0	0	6	0	0	0	0	0	0	(
CN-CUMYL-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	(
EMB-FUBINACA	0	0	0	0	9	0	0	3	0	0	0	(
FDU-PB-22	0	0	0	0	1	0	0	0	0	0	0	(
Fluoro-MDMB-BUTINACA 2'-indazole isomer	0	0	0	0	0	0	Ó	0	0	0	0	l i
Fluoro-ADB	0	4	0	0	2	0	0	0	0	0	0	1
	0	4	0	0	2	0	0	0	0	0	0	)
Fluoro-AEB	0	0	0	0	-7	0	0	0	0	0	0	9
Fluoro-EDMB-PINACA	0	0	0	0	22	0	0	0	0	0	0	(
Fluoro-MDMB-BUTINACA	0	0	0	0	140	0	0	0	0	0	0	(
Fluoro-MDMB-PICA	0	0	0	0	372	0	0	0	0	0	0	(
Fluoro-MPP-PICA	0	0	0	0	7	0	0	0	0	0	0	
FUB-144	0	6	0	1	113	0	0	6	1	2	0	(
FUB-AKB48	ő	0	1	0	0	1	ő	0	0	0	ŏ	l ä
FUB-AMB	0	10		7	258	61	0	25	1	4	0	1 2
	2			/		01	0	25	1	4	0	l '
FUB-PB-22	0	0		0	0	0	0	0	0	0	0	(
JWH-018	0	0	0	0	3	0	0	0	0	0	4	(
JWH-073	0	0	0	0	0	0	0	0	0	0	4	(
JWH-081	0	0	0	0	0	0	0	0	0	0	0	(
JWH-122	n	n	l	ñ	ñ	ñ	Ň	ñ	ň	12	ň	l à
JWH-200	0	0	1 0	0	0	0	0	0	o l	0	0	1
	0	0	1	0	0	0	0	0	ů,	0	0	1 3
JWH-201	0	0	1 0	0	0	0	0	0	0	0	0	l '
JWH-210	0	0	0	0	0	0	0	0	0	1	0	I (
JWH-250	0	0	0	0	0	0	0	0	0	0	0	(
MAB-CHMINACA	0	0	0	1	2	0	0	0	0	0	0	(
MAM-2201	ő	n	0	0	0	ñ	ň	ñ	ň	0	امّ	1
MDMB-4en-PINACA	0	0	1 0	1	333	່າ	1 0	0	0	0	0	1
	0	0	1	1	333	2	0	0	0	0	0	1
MDMB-BUTINACA	0	0	0	0	1	0	0	0	0	0	0	l '
MDMB-CHMICA	0	0	0	0	2	0	0	0	0	0	0	Ι '
MEP-FUBINACA	0	0	1 0	0	0	0	. 0	0	0	0	0	
MMB-022	v	0		V	V		v	•	~ [			

Table 4. State Counts for Synthetic Cannabinoids: 2019

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2019, through December 31, 2019, and analyzed by March 31, 2020

		South								West		i
Drug	<b>Rhode Island</b>	Carolina	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	Virginia	Wisconsin	Wyoming
MMB-2201	0	0	0	1	4	0	0	0	0	0	0	0
MMB-CHMICA	0	0	0	0	3	0	0	4	0	0	0	0
MMB-FUBICA	0	0	0	0	83	0	0	0	1	0	0	0
NM-2201	0	0	0	0	1	0	0	0	0	0	0	2
PX-1	0	0	0	0	0	0	0	0	0	0	0	0
RCS-4	0	0	0	0	0	0	0	0	0	0	4	0
SDB-005	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids <sup>1</sup>	0	0	0	0	1	0	0	0	0	0	0	0
Synthetic cannabinoids (adamantoylindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindole nitrogen-heterocyclic analogs)	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (cyclopropanoylindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (nitrogen-heterocyclic analogs)	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (phenylpropionaldehydeamidoindoles) <sup>1</sup>	0	0	0	0	0	0	0	0	0	0	0	0
THJ-2201	0	0	0	0	0	0	0	0	0	0	0	0
UR-144	0	0	0	0	1	0	0	0	0	0	0	0
XLR11	0	2	0	0	5	3	0	0	0	0	0	0
XLR11 N-(2-fluoropentyl) isomer	0	0	0	0	0	0	0	0	0	0	0	0

4CN-CUMYL-BUTINACA=1-(4-cyanobutyl)-N-(1-methyl-1-phenylethyl)-1H-indazole-3-carboxamide4CN-MDMB-BUTINACA=methyl 2-(1-(4-cyanobutyl)-1H-indazole-3-carboxamido)-3.3-dimethylbutanoate 4F-MDMB-BUTINACA=methyl-2-(1-(4-fluorobutyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate 5Cl-AB-PINACA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-chloropentyl)-1H-indazole-3-carboxamide 5Cl-AKB48=N-(adamantan-1-yl)-1-(5-chloropentyl)-1H-indazole-3-carboxamide 5F-AB-PINACA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide 5F-ABICA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide 5F-ADB=methyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate 5F-ADB-PINACA=N-(1-amino-3.3-dimethyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide 5F-AEB=ethyl-2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3-methylbutanoate 5F-AKB48=N-(adamantan-1-vl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide 5F-AMB=methyl-2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3-methylbutanoate 5F-CUMYL-PINACA=1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide 5F-EDMB-PINACA=ethyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate 5F-MDMB-PICA=methyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate 5F-MPP-PICA=methyl (1-(5-fluoropentyl)-1H-indole-3-carbonyl)phenylalaninate 5F-PB-22=quinolin-8-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate AB-CHMINACA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1H-indazole-3-carboxamide AB-FUBINACA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide AB-PINACA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide Adamantyl-CHMINACA=N-(1-adamantyl)-1-(cyclohexylmethyl)indazole-3-carboxamide ADB-FUBINACA=N-(1-amino-3.3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide ADB-PINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide AKB48=N-(1-adamantyl)-1-pentyl-1H-indazole-3-carboxamide AM-694=1-(5-fluoropentyl)-3-(2-iodobenzoyl)indole AM2201=1-(5-fluoropentyl)-3-(1-naphthoyl)indole AMB=methyl-2-(1-pentyl-1H-indazole-3-carboxamido)-3-methylbutanoate APP-BUTINACA=N-(1-amino-1-oxo-3-phenylpropan-2-yl)-1-butyl-1H-indazole-3-carboxamideEMB-FUBINACA=ethyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3-methylbutanoate FDU-PB-22=naphthalen-1-vl 1-(4-fluorobenzyl)-1H-indole-3-carboxylate FUB-144=(1-(4-fluorobenzyl)-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone FUB-AKB48=N-(1-adaman-1-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide FUB-AMB=methyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3-methylbutanoate FUB-PB-22=quinolin-8-yl 1-(4-fluorobenzyl)-1H-indole-3-carboxylate JWH-018=1-pentyl-3-(1-naphthoyl)indole JWH-073=1-butyl-3-(1-naphthoyl)indole JWH-081=1-pentyl-3-(1-4-methoxynaphthoyl)indole JWH-122=1-pentyl-3-(4-methyl-1-naphthoyl)indole JWH-200=1-[2-(4-morpholinyl)ethyl]-3-(1-naphthoyl)indole JWH-201=1-pentyl-3-(4-methoxyphenylacetyl)indole JWH-210=1-pentyl-3-(4-ethyl-1-naphthoyl)indole JWH-250=1-pentyl-3-(2-methoxyphenylacetyl)indole  $MAB-CHMINACA = N-(1-amino-3, 3-dimethyl-1-oxobutan-2-yl)-1-(cyclohexylmethyl)-1 \\ H-indazole-3-carboxamide$ MAM-2201=1-(5-fluoropentyl)-3-(4-methyl-1-naphthoyl)indole MDMB-4en-PINACA=methyl 3,3-dimethyl-2-(1-(pent-4-en-1-yl)-1H-indazole-3-carboxamido)butanoate MDMB-BUTINACA=methyl 2-(1-(butyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate MDMB-CHMICA=methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate

MEP-FUBINACA=methyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)pentanoate MMB-022=methyl 3-methyl-2-(1-(pent-4-en-1-yl)-1H-indole-3-carboxamido)butanoate

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2019, through December 31, 2019, and analyzed by March 31, 2020

MMB-2201=methyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3-methylbutanoate

MMB-CHMICA=methyl 2-(1-(cyclohexylmethyl)-1H-indole-3-carboxamido)-3-methylbutanoate

MMB-FUBICA=methyl 2-(1-(4-fluorobenzyl)-1H-indole-3-carboxamido)-3-methylbutanoate

NM-2201=naphthalen-1-yl 1-(5-fluoropentyl)-1H-indole-3-carboxylate

PX-1=N-(1-amino-1-oxo-3-phenylpropan-2-yl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide

RCS-4=1-pentyl-3-(4-methoxybenzoyl)indole

SDB-005=naphthalen-1-yl 1-pentyl-1H-indazole-3-carboxylate

THJ-2201=[1-(5-fluoropentyl)-1H-indazol-3-yl](naphthalen-1-yl)methanone

UR-144=(1-pentyl-1H-indol-3-yl)(2,2,3,3-tetramethylcyclopropyl)methanone

XLR11 = [1-(5-fluoropentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone

 $XLR11\ N$ -(2-fluoropentyl) isomer=[1-(2-fluoropentyl)-1H-indol-3-yl](2,2,3,3-tetramethylcyclopropyl)methanone

Methodology: Additional details about the NFLIS data may be found in the Questions and Answers document at https://www.nflis.deadiversion.usdoi.gov/DesktopModules/ReportDownloads/Reports/2k17NFLISQA.pdf.

Source: U.S. Drug Enforcement Administration, Diversion Control Division, National Forensic Laboratory Information System, 2019. Data generated: July 21, 2020.

Suggested Citation: U.S. Drug Enforcement Administration, Diversion Control Division. (2020). Table 4. State counts for synthetic cannabinoids: 2019. Retrieved from the NFLIS Public Resource Library at https://www.nflis.deadiversion.usdoj.gov/Resources/NFLISPublicResourceLibrary.aspx

<sup>&</sup>lt;sup>1</sup> As reported by NFLIS laboratories, with no specific drug name provided.