

Table 4. State Counts for Synthetic Cannabinoids: 2022

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023

Drug	Alabama	Alaska	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	District of Columbia	Florida	Georgia	Hawaii	Idaho
5F-AB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
5F-EDMB-PICA	0	0	0	2	0	0	0	0	0	0	0	0	0
AB-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
AB-FUBINACA	0	0	1	0	0	0	0	0	0	0	7	0	0
AB-PINACA	0	0	1	0	0	0	0	0	0	3	0	0	0
adamantyl-CHMINACA	0	0	0	1	0	0	0	0	0	0	0	0	0
ADB-4en-PFUPPYCA	0	0	0	0	0	0	0	0	0	3	0	0	0
ADB-4en-PINACA	0	0	0	0	0	0	0	0	0	1	0	0	2
ADB-5Br-4en-PINACA	0	0	0	0	0	2	0	0	0	0	0	0	0
ADB-5Br-INACA	0	0	0	0	0	0	0	0	0	4	0	0	0
ADB-BINACA	4	0	0	0	0	0	0	0	0	0	0	0	0
ADB-Br-BUTINACA	0	0	0	1	0	0	0	0	0	3	0	0	0
ADB-5Br-BUTINACA	0	0	0	1	0	0	0	0	0	0	0	0	0
ADB-Br-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	3	0	0	0
ADB-BUTINACA	23	0	1	17	2	20	0	0	0	105	10	0	2
ADB-FUBIATA	0	0	0	4	0	4	0	0	0	42	1	0	0
ADB-FUBINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-HEXINACA	0	0	0	0	0	0	0	0	0	13	0	0	0
ADB-PHETINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
AFUBIATA	0	0	0	0	0	0	0	0	0	2	0	0	0
AKB48	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
BZO-4en-POXIZID	0	0	0	0	0	0	0	0	0	3	0	0	0
BZO-CHMOXIZID	0	0	0	0	0	0	0	0	0	0	0	0	0
BZO-HEXOXIZID	0	0	0	1	0	0	0	0	0	23	0	0	0
BZO-POXIZID	0	0	0	0	0	0	0	0	0	9	0	0	0
CH-PIATA	0	0	0	6	0	3	0	0	0	30	0	0	0
Cyano-CUMYL-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
4CN-CUMYL-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyano-CUMYL-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
EDMB-4en-PINACA	0	0	0	0	0	0	0	0	0	1	0	0	0
EDMB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
EMB-FUBINACA	0	0	0	1	0	0	0	0	0	0	0	0	0
FDU-PB-22	0	0	0	1	0	0	0	0	0	0	0	0	0
Fluoro-3,5-AB-PFUPPYCA	0	0	0	0	0	0	0	0	0	7	0	0	0
5F-3,5-AB-PFUPPYCA	0	0	0	0	0	0	0	0	0	5	0	0	0
Fluoro-3,5-AB-PFUPPYCA (unspecified isomer)	0	0	0	0	0	0	0	0	0	2	0	0	0
Fluoro-ABUTINACA	0	0	0	0	0	0	0	0	0	1	0	0	0
4F-ABUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-ABUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	1	0	0	0
Fluoro-ADB	0	0	0	0	0	0	1	0	0	1	0	0	0
5F-ADB	0	0	0	0	0	0	1	0	0	1	0	0	0
Fluoro-BZO-POXIZID	0	0	0	0	0	0	0	0	0	5	0	0	0
5F-BZO-POXIZID	0	0	0	0	0	0	0	0	0	2	0	0	0
Fluoro-BZO-POXIZID (unspecified isomer)	0	0	0	0	0	0	0	0	0	3	0	0	0
Fluoro-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	1	0	0
5F-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	1	0	0
Fluoro-CUMYL-PINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-EDMB-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-EMB-PICA	0	0	0	0	0	0	0	0	0	9	1	0	0
5F-EMB-PICA	0	0	0	0	0	0	0	0	0	0	1	0	0
Fluoro-EMB-PICA (unspecified isomer)	0	0	0	0	0	0	0	0	0	9	0	0	0
Fluoro-EMDB-PINACA	0	0	1	0	0	0	0	0	0	0	0	0	0
5F-EDMB-PINACA	0	0	1	0	0	0	0	0	0	0	0	0	0
Fluoro-MDMB-BUTICA	3	0	0	0	0	2	0	0	0	4	0	0	0
4F-MDMB-BUTICA	3	0	0	0	0	2	0	0	0	0	0	0	0
Fluoro-MDMB-BUTICA (unspecified isomer)	0	0	0	0	0	0	0	0	0	4	0	0	0
Fluoro-MDMB-BUTINACA	0	0	0	1	0	0	0	0	0	0	1	0	0
4F-MDMB-BUTINACA	0	0	0	1	0	0	0	0	0	0	1	0	0
Fluoro-MDMB-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-MDMB-PICA	0	0	5	1	0	2	0	0	0	8	9	0	0
5F-MDMB-PICA	0	0	1	1	0	2	0	0	0	2	9	0	0
Fluoro-MDMB-PICA (unspecified isomer)	0	0	4	0	0	0	0	0	0	6	0	0	0

Table 4. State Counts for Synthetic Cannabinoids: 2022

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023

Drug	Alabama	Alaska	Arizona	Arkansas	California	Colorado	Connecticut	Delaware	District of Columbia	Florida	Georgia	Hawaii	Idaho
FUB-144	0	0	0	0	0	0	0	0	0	0	0	0	0
FUB-AKB48	0	0	0	0	1	0	0	0	0	0	0	0	0
FUB-AMB	0	1	2	2	0	0	0	0	0	4	1	0	0
JWH-018	0	0	0	0	0	0	0	0	0	1	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-210	0	0	0	0	0	0	0	0	0	0	0	0	0
JWH-250	0	0	0	0	0	0	0	0	0	0	0	0	0
MAB-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-4en-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-bromo-INACA	0	0	0	0	0	1	0	0	0	6	2	0	0
MDMB-5Br-INACA	0	0	0	0	0	1	0	0	0	6	2	0	0
MDMB-bromo-INACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-CHMICA	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-en-PINACA	25	0	10	29	8	19	1	0	0	125	13	0	3
MDMB-4en-PINACA	25	0	10	29	8	19	1	0	0	125	13	0	3
MDMB-en-PINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-INACA	0	0	0	0	0	0	0	0	0	1	0	0	0
MMB-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
MMB-FUBICA	0	0	0	0	0	0	0	0	0	0	0	0	0
NM-2201	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
Synthetic cannabinoids ¹	0	0	20	0	0	0	0	0	0	2	0	0	0
Synthetic cannabinoids (butaldehydeamidoindoles) ¹	0	0	0	0	0	0	0	0	0	0	0	0	0
THJ-018	0	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	0
UR-144	0	0	4	1	0	0	0	0	0	0	0	0	0
XLR11	0	0	6	0	0	0	0	0	0	2	2	0	0

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Drug	Illinois	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi	Missouri
5F-AB-PINACA	0	0	0	0	0	2	0	0	0	0	0	0	0
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	1	0	0
5F-AKB48	0	0	0	8	0	0	0	0	0	0	0	0	0
5F-EDMB-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
AB-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
AB-FUBINACA	0	0	0	0	0	0	0	0	0	0	0	0	1
AB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
adamantyl-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-4en-PFUPPYCA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-4en-PINACA	3	4	0	0	12	1	0	0	2	0	0	0	1
ADB-5'Br-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-5Br-INACA	0	5	0	1	4	3	0	0	0	0	0	0	0
ADB-BINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-Br-BUTINACA	2	0	0	0	1	0	0	0	0	0	0	0	0
ADB-Br-BUTINACA	2	0	0	0	1	0	0	0	0	0	0	0	0
ADB-Br-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-BUTINACA	28	92	10	50	62	21	0	6	102	0	1	21	19
ADB-FUBIATA	1	23	1	0	8	7	0	0	0	0	0	0	0
ADB-FUBINACA	0	0	0	0	2	0	0	2	0	0	0	0	0
ADB-HEXINACA	2	4	0	0	0	0	0	0	0	0	0	0	1
ADB-PHETINACA	0	0	0	3	0	0	0	0	0	0	0	0	0
ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
AFUBIATA	0	0	1	0	0	0	0	0	0	0	0	0	0
AKB48	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
BZO-4en-POXIZID	0	0	0	2	0	2	0	0	0	0	0	0	0
BZO-CHMOXIZID	0	0	0	2	0	0	0	0	0	0	0	0	0
BZO-HEXOXIZID	0	21	2	15	3	2	0	0	0	0	1	0	0
BZO-POXIZID	0	16	1	5	1	3	0	0	0	0	1	0	0
CH-PIATA	0	25	3	2	4	0	0	0	0	0	0	0	3
Cyano-CUMYL-BUTINACA	0	0	1	2	1	0	0	0	0	0	0	0	1
4CN-CUMYL-BUTINACA	0	0	1	1	1	0	0	0	0	0	0	0	1
Cyano-CUMYL-BUTINACA (unspecified isomer)	0	0	0	1	0	0	0	0	0	0	0	0	0
EDMB-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
EDMB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	1
EMB-FUBINACA	0	0	0	0	2	2	0	0	0	0	2	0	0
FDU-PB-22	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-3,5-AB-PFUPPYCA	0	4	0	0	0	0	0	0	0	0	0	0	0
5F-3,5-AB-PFUPPYCA	0	4	0	0	0	0	0	0	0	0	0	0	0
Fluoro-3,5-AB-PFUPPYCA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-ABUTINACA	0	2	0	0	3	0	0	1	0	0	0	0	0
4F-ABUTINACA	0	2	0	0	3	0	0	1	0	0	0	0	0
Fluoro-ABUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-ADB	1	2	1	0	0	0	0	0	0	0	0	0	0
5F-ADB	1	2	1	0	0	0	0	0	0	0	0	0	0
Fluoro-BZO-POXIZID	0	2	0	6	1	0	0	0	0	0	0	0	1
5F-BZO-POXIZID	0	2	0	0	1	0	0	0	0	0	0	0	1
Fluoro-BZO-POXIZID (unspecified isomer)	0	0	0	6	0	0	0	0	0	0	0	0	0
Fluoro-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	0	9	0
5F-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-CUMYL-PINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	9	0
Fluoro-EDMB-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-EMB-PICA	0	1	0	3	2	0	0	0	0	0	0	1	0
5F-EMB-PICA	0	1	0	1	2	0	0	0	0	0	0	0	0
Fluoro-EMB-PICA (unspecified isomer)	0	0	0	2	0	0	0	0	0	0	0	1	0
Fluoro-EMDB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
5F-EDMB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-MDMB-BUTICA	4	6	1	11	4	1	0	0	0	0	0	1	0
4F-MDMB-BUTICA	4	1	1	0	4	1	0	0	0	0	0	0	0
Fluoro-MDMB-BUTICA (unspecified isomer)	0	5	0	11	0	0	0	0	0	0	0	1	0
Fluoro-MDMB-BUTINACA	2	3	0	2	17	0	0	0	2	0	0	0	0
4F-MDMB-BUTINACA	2	2	0	2	17	0	0	0	2	0	0	0	0
Fluoro-MDMB-BUTINACA (unspecified isomer)	0	1	0	0	0	0	0	0	0	0	0	0	0
Fluoro-MDMB-PICA	0	7	0	8	3	6	0	0	5	0	0	9	0
5F-MDMB-PICA	0	6	0	0	3	6	0	0	5	0	0	7	0
Fluoro-MDMB-PICA (unspecified isomer)	0	1	0	8	0	0	0	0	0	0	0	2	0
FUB-144	0	0	0	0	0	0	0	0	0	0	0	0	0

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Drug	Illinois	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi	Missouri
FUB-AKB48	0	0	0	0	0	0	0	0	0	0	0	0	0
FUB-AMB	0	3	0	0	0	0	0	2	1	0	0	1	1
JWH-018	0	0	4	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	1	0	0	0	0	0	0	0	0	0
JWH-210	0	0	0	0	0	0	0	0	0	0	0	0	0
JWH-250	0	0	0	1	0	0	0	0	0	0	0	0	0
MAB-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-4en-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-bromo-INACA	1	3	1	3	2	4	0	0	0	0	0	0	1
MDMB-5Br-INACA	1	3	1	1	2	4	0	0	0	0	0	0	1
MDMB-bromo-INACA (unspecified isomer)	0	0	0	2	0	0	0	0	0	0	0	0	0
MDMB-BUTINACA	0	0	0	0	4	0	0	0	0	0	0	0	2
MDMB-CHMICA	0	0	2	0	0	11	0	0	0	0	0	0	0
MDMB-en-PINACA	52	91	49	77	58	40	1	5	102	1	3	19	24
MDMB-4en-PINACA	52	91	49	71	58	40	1	5	102	1	3	19	24
MDMB-en-PINACA (unspecified isomer)	0	0	0	6	0	0	0	0	0	0	0	0	0
MDMB-INACA	0	2	5	0	1	0	0	0	0	0	0	0	0
MMB-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	1	0
MMB-FUBICA	0	0	0	0	0	1	0	0	0	0	0	0	0
NM-2201	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
Synthetic cannabinoids ¹	0	0	0	0	0	457	2	0	85	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindoles) ¹	0	0	0	0	0	73	0	0	0	0	0	0	0
THJ-018	0	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	0
UR-144	0	0	0	1	0	0	0	0	0	0	0	0	0
XLR11	0	0	0	0	0	0	0	1	0	0	0	0	2

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Drug	Montana	Nebraska	Nevada	New Hampshire	New Jersey	New Mexico	New York	North Carolina	North Dakota	Ohio	Oklahoma	Oregon	Pennsylvania
5F-AB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
5F-ADB-PINACA	0	0	1	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	0	0	0	0	0	0	1	0	0	0
5F-EDMB-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
AB-CHMINACA	0	0	0	0	0	0	0	0	0	2	0	0	0
AB-FUBINACA	0	0	0	0	0	0	1	0	1	2	0	0	0
AB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
adamantyl-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-4en-PFUPPYCA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-4en-PINACA	0	1	0	0	6	0	0	0	0	0	0	0	4
ADB-5Br-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-5Br-INACA	0	0	0	0	3	0	0	0	0	3	0	0	5
ADB-BINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-Br-BUTINACA	0	0	0	0	8	0	0	2	0	0	0	0	25
ADB-5Br-BUTINACA	0	0	0	0	8	0	0	2	0	0	0	0	25
ADB-Br-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-BUTINACA	0	3	7	2	61	0	4	18	0	71	0	0	122
ADB-FUBIATA	0	0	0	0	0	0	0	2	0	19	0	0	37
ADB-FUBINACA	0	0	0	0	0	0	0	1	0	2	0	0	0
ADB-HEXINACA	0	0	0	0	0	0	0	0	0	0	0	0	8
ADB-PHETINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
AFUBIATA	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
AM2201	0	0	0	0	0	0	0	0	0	0	0	0	0
BZO-4en-POXIZID	0	0	0	0	0	0	0	0	0	0	0	0	0
BZO-CHMOXIZID	0	0	0	0	0	0	0	0	0	0	0	0	0
BZO-HEXOXIZID	0	0	0	0	0	0	1	1	0	6	0	0	4
BZO-POXIZID	0	0	0	0	3	0	0	0	0	1	0	0	11
CH-PIATA	0	0	0	0	6	0	0	2	0	8	0	0	7
Cyano-CUMYL-BUTINACA	0	0	3	0	1	0	0	1	0	0	0	0	1
4CN-CUMYL-BUTINACA	0	0	3	0	1	0	0	1	0	0	0	0	1
Cyano-CUMYL-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
EDMB-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
EDMB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
EMB-FUBINACA	0	0	0	0	0	0	0	1	0	0	0	0	4
FDU-PB-22	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-3,5-AB-PFUPPYCA	0	1	0	0	2	0	0	0	0	0	0	0	3
5F-3,5-AB-PFUPPYCA	0	1	0	0	0	0	0	0	0	0	0	0	3
Fluoro-3,5-AB-PFUPPYCA (unspecified isomer)	0	0	0	0	2	0	0	0	0	0	0	0	0
Fluoro-ABUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	2
4F-ABUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	2
Fluoro-ABUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-ADB	0	0	0	1	0	0	0	0	0	28	0	0	12
5F-ADB	0	0	0	1	0	0	0	0	0	28	0	0	12
Fluoro-BZO-POXIZID	0	0	0	0	0	0	0	0	0	5	0	0	2
5F-BZO-POXIZID	0	0	0	0	0	0	0	0	0	5	0	0	2
Fluoro-BZO-POXIZID (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
5F-CUMYL-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-CUMYL-PINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-EDMB-PICA	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-EMB-PICA	0	0	0	0	2	0	0	0	0	0	0	0	7
5F-EMB-PICA	0	0	0	0	0	0	0	0	0	0	0	0	7
Fluoro-EMB-PICA (unspecified isomer)	0	0	0	0	2	0	0	0	0	0	0	0	0
Fluoro-EMDB-PINACA	0	0	0	1	0	0	0	0	0	6	0	0	0
5F-EDMB-PINACA	0	0	0	1	0	0	0	0	0	6	0	0	0
Fluoro-MDMB-BUTICA	0	0	0	0	4	0	0	0	0	8	0	0	10
4F-MDMB-BUTICA	0	0	0	0	0	0	0	0	0	8	0	0	10
Fluoro-MDMB-BUTICA (unspecified isomer)	0	0	0	0	4	0	0	0	0	0	0	0	0
Fluoro-MDMB-BUTINACA	0	1	0	0	1	0	0	2	0	2	0	0	17
4F-MDMB-BUTINACA	0	1	0	0	0	0	0	2	0	2	0	0	17
Fluoro-MDMB-BUTINACA (unspecified isomer)	0	0	0	0	1	0	0	0	0	0	0	0	0
Fluoro-MDMB-PICA	0	0	0	0	3	0	0	3	0	7	1	0	28
5F-MDMB-PICA	0	0	0	0	0	0	0	3	0	7	1	0	28
Fluoro-MDMB-PICA (unspecified isomer)	0	0	0	0	3	0	0	0	0	0	0	0	0

Table 4. State Counts for Synthetic Cannabinoids: 2022

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023

Drug	Montana	Nebraska	Nevada	New Hampshire	New Jersey	New Mexico	New York	North Carolina	North Dakota	Ohio	Oklahoma	Oregon	Pennsylvania
FUB-144	0	0	0	0	0	0	0	0	0	0	0	0	1
FUB-AKB48	0	0	0	0	0	0	0	0	0	1	0	0	0
FUB-AMB	0	0	1	0	30	0	1	0	0	4	0	0	27
JWH-018	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0
JWH-210	0	0	0	0	0	0	0	0	0	0	0	0	0
JWH-250	0	0	0	0	0	0	0	0	0	0	0	0	0
MAB-CHMINACA	0	0	1	0	0	0	0	0	0	2	0	0	0
MDMB-4en-PICA	0	0	0	0	17	0	0	0	0	0	0	0	0
MDMB-bromo-INACA	0	0	0	0	0	0	0	0	0	2	0	0	3
MDMB-5Br-INACA	0	0	0	0	0	0	0	0	0	2	0	0	3
MDMB-bromo-INACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-BUTINACA	0	0	0	0	0	0	0	0	0	0	0	0	8
MDMB-CHMICA	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-en-PINACA	0	6	7	4	164	0	36	7	0	155	1	0	246
MDMB-4en-PINACA	0	6	7	4	164	0	36	7	0	155	1	0	246
MDMB-en-PINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-INACA	0	0	0	0	0	0	9	0	0	0	0	0	3
MMB-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0	0
MMB-FUBICA	0	0	0	0	0	0	0	0	0	0	0	0	0
NM-2201	0	0	0	0	0	0	0	0	0	0	0	0	1
RCS-4	0	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids ¹	2	0	0	0	0	0	50	1	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindoles) ¹	0	0	0	0	0	0	0	0	0	0	0	0	0
THJ-018	0	0	0	0	1	0	0	0	0	0	0	0	0
THJ-2201	0	0	0	0	0	0	0	0	0	1	0	0	0
UR-144	0	0	0	0	0	0	0	0	0	0	0	0	0
XLR11	0	0	0	0	0	0	0	0	0	9	0	0	0

Table 4. State Counts for Synthetic Cannabinoids: 2022

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023

Drug	Rhode Island	South Carolina	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	West Virginia	Wisconsin	Wyoming
5F-AB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0
5F-ADB-PINACA	0	0	0	0	0	0	0	0	0	0	0	0
5F-AEB	0	0	0	0	2	0	0	0	0	0	0	0
5F-AKB48	0	0	0	0	1	0	0	0	0	0	0	0
5F-EDMB-PICA	0	0	0	0	0	0	0	0	0	0	0	0
AB-CHMINACA	0	0	0	0	0	0	0	1	0	0	0	0
AB-FUBINACA	0	0	0	1	3	2	0	0	0	0	1	0
AB-PINACA	0	0	0	0	1	0	0	0	0	0	0	0
adamantyl-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0
ADB-4en-PFUPPYCA	0	0	0	0	0	0	0	0	0	0	0	0
ADB-4en-PINACA	0	0	0	1	0	0	0	1	0	0	0	0
ADB-5Br-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0
ADB-5Br-INACA	0	0	0	0	2	0	0	1	0	0	0	0
ADB-BINACA	0	0	0	0	0	0	0	0	0	0	0	0
ADB-Br-BUTINACA	0	0	0	0	5	0	0	1	0	0	0	0
ADB-5Br-BUTINACA	0	0	0	0	5	0	0	1	0	0	0	0
ADB-Br-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
ADB-BUTINACA	1	1	0	8	59	22	0	32	1	1	1	0
ADB-FUBIATA	0	0	0	0	43	0	0	1	0	0	0	0
ADB-FUBINACA	0	0	0	0	0	0	0	0	0	0	0	0
ADB-HEXINACA	0	0	0	0	29	0	0	0	0	0	0	0
ADB-PHETINACA	0	0	0	0	0	0	0	0	0	0	0	0
ADB-PINACA	0	0	0	0	0	0	0	0	0	2	0	0
AFUBIATA	0	0	0	0	0	0	0	0	0	0	0	0
AKB48	0	0	0	0	1	0	0	0	0	0	0	0
AM2201	0	0	0	0	1	0	0	0	0	4	0	0
BZO-4en-POXIZID	0	0	0	0	6	0	0	0	0	0	0	0
BZO-CHMOXIZID	0	0	0	0	1	0	0	0	0	0	0	0
BZO-HEXOXIZID	0	0	0	1	10	0	0	1	0	0	0	0
BZO-POXIZID	0	0	0	0	17	0	0	0	0	0	1	0
CH-PIATA	0	0	0	2	4	0	0	1	0	0	0	0
Cyano-CUMYL-BUTINACA	0	0	0	1	10	0	0	2	0	0	0	0
4CN-CUMYL-BUTINACA	0	0	0	1	10	0	0	2	0	0	0	0
Cyano-CUMYL-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
EDMB-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0
EDMB-PINACA	0	0	0	0	0	0	0	1	0	0	0	0
EMB-FUBINACA	0	0	0	0	2	0	0	0	0	0	0	0
FDU-PB-22	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-3,5-AB-PFUPPYCA	0	0	0	0	0	0	0	0	0	0	0	0
5F-3,5-AB-PFUPPYCA	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-3,5-AB-PFUPPYCA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-ABUTINACA	0	0	0	0	0	0	0	0	0	0	0	0
4F-ABUTINACA	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-ABUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-ADB	0	0	0	0	4	0	0	4	0	0	0	0
5F-ADB	0	0	0	0	4	0	0	4	0	0	0	0
Fluoro-BZO-POXIZID	0	0	0	0	0	0	0	0	0	0	0	0
5F-BZO-POXIZID	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-BZO-POXIZID (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-CUMYL-PINACA	0	0	0	1	0	0	0	0	0	0	0	0
5F-CUMYL-PINACA	0	0	0	1	0	0	0	0	0	0	0	0
Fluoro-CUMYL-PINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-EDMB-PICA	0	0	0	0	1	0	0	0	0	0	0	0
Fluoro-EMB-PICA	0	0	0	1	1	0	0	1	0	0	0	0
5F-EMB-PICA	0	0	0	1	1	0	0	1	0	0	0	0
Fluoro-EMB-PICA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-EMDB-PINACA	0	0	0	0	2	0	0	0	0	0	0	0
5F-EDMB-PINACA	0	0	0	0	2	0	0	0	0	0	0	0
Fluoro-MDMB-BUTICA	0	0	0	3	12	0	0	3	0	0	0	0
4F-MDMB-BUTICA	0	0	0	3	6	0	0	3	0	0	0	0
Fluoro-MDMB-BUTICA (unspecified isomer)	0	0	0	0	6	0	0	0	0	0	0	0
Fluoro-MDMB-BUTINACA	0	1	0	1	1	0	0	6	1	0	0	0
4F-MDMB-BUTINACA	0	1	0	1	1	0	0	6	1	0	0	0
Fluoro-MDMB-BUTINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro-MDMB-PICA	0	2	0	0	8	12	0	1	0	0	0	0
5F-MDMB-PICA	0	0	0	0	2	12	0	1	0	0	0	0
Fluoro-MDMB-PICA (unspecified isomer)	0	2	0	0	6	0	0	0	0	0	0	0

Table 4. State Counts for Synthetic Cannabinoids: 2022

Counts of synthetic cannabinoids submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023

Drug	Rhode Island	South Carolina	South Dakota	Tennessee	Texas	Utah	Vermont	Virginia	Washington	West Virginia	Wisconsin	Wyoming
FUB-144	0	0	0	0	3	0	0	0	0	2	0	0
FUB-AKB48	0	0	0	0	0	0	0	0	0	0	0	0
FUB-AMB	0	0	0	0	1	0	0	1	0	0	0	0
JWH-018	0	0	0	0	0	0	0	0	0	0	0	0
JWH-081	0	0	0	0	0	0	0	0	0	2	0	0
JWH-122	0	0	0	0	0	0	0	0	0	5	0	0
JWH-210	0	0	0	0	0	0	0	0	0	2	0	0
JWH-250	0	0	0	0	0	0	0	0	0	0	0	0
MAB-CHMINACA	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-4en-PICA	0	0	0	0	1	0	0	0	0	0	0	0
MDMB-bromo-INACA	0	0	0	0	7	0	0	0	0	0	0	0
MDMB-5Br-INACA	0	0	0	0	7	0	0	0	0	0	0	0
MDMB-bromo-INACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-BUTINACA	0	0	0	0	3	0	0	0	1	0	0	0
MDMB-CHMICA	0	0	0	0	1	0	0	0	0	0	0	0
MDMB-en-PINACA	1	2	0	18	217	0	0	124	11	5	0	1
MDMB-4en-PINACA	1	2	0	18	217	0	0	124	11	5	0	1
MDMB-en-PINACA (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
MDMB-INACA	0	0	0	0	2	0	0	0	0	0	0	0
MMB-4en-PINACA	0	0	0	0	0	0	0	0	0	0	0	0
MMB-FUBICA	0	0	0	0	10	0	0	0	0	0	0	0
NM-2201	0	0	0	0	0	0	0	0	0	0	0	0
RCS-4	0	0	0	0	0	0	0	0	0	1	0	0
Synthetic cannabinoids ¹	0	0	0	0	0	0	0	0	0	0	0	0
Synthetic cannabinoids (butaldehydeamidoindoles) ¹	0	0	0	0	0	0	0	0	0	0	0	0
THJ-018	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	3	0	0	0	0	0	0	0
XLR11	0	0	0	0	7	0	0	1	0	0	0	0

Table 4. State Counts for Synthetic Cannabinoids: 2022*Counts of synthetic cannabinoids submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023*

4CN-CUMYL-BUTINACA=1-(4-cyanobutyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide
4F-ABUTINACA=N-(1-(4-fluorobutyl)indazole-3-carboxamide
4F-MDMB-BUTICA=methyl 2-(1-(4-fluorobutyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate
4F-MDMB-BUTINACA=methyl 2-(1-(4-fluorobutyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate
5F-3,5-AB-PFUPPYCA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-3-(4-fluorophenyl)-1H-pyrazole-5-carboxamide
5F-AB-PINACA=N-(1-amino-3-methyl-1-oxobutan-2-yl)-1-(5-fluoropentyl)-1H-indazole-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-yl)-1-(5-fluoropentyl)-1H-indazole-3-carboxamide
5F-BZO-POXIZID=N'-[(3Z)-1-(5-fluoropentyl)-2-oxo-1,2-dihydro-3H-indol-3-ylidene]benzohydrazide
5F-CUMYL-PINACA=1-(5-fluoropentyl)-N-(2-phenylpropan-2-yl)-1H-indazole-3-carboxamide
5F-EDMB-PICA=ethyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate
5F-EDMB-PINACA=ethyl 2-(1-(5-fluoropentyl)-1H-indazole-3-carboxamido)-3,3-dimethylbutanoate
5F-EMB-PICA=ethyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3-methylbutanoate
5F-MDMB-PICA=methyl 2-(1-(5-fluoropentyl)-1H-indole-3-carboxamido)-3,3-dimethylbutanoate
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-4en-PINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(pent-4-en-1-yl)-1H-indazole-3-carboxamide
ADB-5Br-4en-PINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-5-bromo-1-(pent-4-en-1-yl)-1H-indazole-3-carboxamide
ADB-5Br-BUTINACA=N-(1-carbamoyl-2,2-dimethylpropyl)-5-bromo-1-butyl-1H-indazole-3-carboxamide
ADB-5Br-INACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-5-bromo-1H-indazole-3-carboxamide
ADB-BINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-benzyl-1H-indazole-3-carboxamide
ADB-BUTINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-butyl-1H-indazole-3-carboxamide
ADB-FUBIATA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indole-3-acetamide
ADB-FUBINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-(4-fluorobenzyl)-1H-indazole-3-carboxamide
ADB-HEXINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-hexyl-1H-indazole-3-carboxamide
ADB-PHETINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-phenethyl-1H-indazole-3-carboxamide
ADB-PINACA=N-(1-amino-3,3-dimethyl-1-oxobutan-2-yl)-1-pentyl-1H-indazole-3-carboxamide
AFUBIATA=N-adamant-1-yl-1-(4-fluorobenzyl)-1H-indole-3-acetamide
AKB48=N-(1-adamantyl)-1-pentyl-1H-indazole-3-carboxamide
AM2201=1-(5-fluoropentyl)-3-(1-naphthoyl)indole
BZO-4en-POXIZID=(Z)-N'-(2-oxo-1-(pent-4-en-1-yl)indolin-3-ylidene)benzohydrazide
BZO-CHMOXIZID=3-(2-benzoylhydrazono)-1-(cyclohexylmethyl)-2-indolinone
BZO-HEXOXIZID=N'-[(3Z)-1-hexyl-2-oxo-1,2-dihydro-3H-indol-3-ylidene]benzohydrazide
BZO-POXIZID=N'-[(3Z)-1-pentyl-2-oxo-1,2-dihydro-3H-indol-3-ylidene]benzohydrazide
CH-PIATA=N-cyclohexyl-2-(1-pentylindol-3-yl)acetamide
EDMB-4en-PINACA=ethyl 3,3-dimethyl-2-(1-(pent-4-en-1-yl)-1H-indazole-3-carboxamido)butanoate
EDMB-PINACA=ethyl 3,3-dimethyl-2-(1-pentyl-1H-indazole-3-carboxamido)butanoate
EMB-FUBINACA=ethyl 2-(1-(4-fluorobenzyl)-1H-indazole-3-carboxamido)-3-methylbutanoate
FDU-PB-22=naphthalen-1-yl 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
JWH-018=1-pentyl-3-(1-naphthoyl)indole
JWH-081=1-pentyl-3-(1-(4-methoxy)naphthoyl)indole
JWH-122=1-pentyl-3-(4-methyl-1-naphthoyl)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)-1H-indazole-3-carboxamide
MDMB-4en-PICA=methyl 3,3-dimethyl-2-(1-(pent-4-en-1-yl)-1H-indole-3-carboxamido)butanoate
MDMB-4en-PINACA=methyl 3,3-dimethyl-2-(1-(pent-4-en-1-yl)-1H-indazole-3-carboxamido)butanoate
MDMB-5Br-INACA=N-(1-methoxy-3,3-dimethyl-1-oxobutan-2-yl)-5-bromoindazole-3-carboxamide
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
MDMB-INACA=N-(1-methoxycarbonyl-2,2-dimethylpropyl)-1H-indazole-3-carboxamide
MMB-4en-PINACA=methyl 3-methyl-2-(1-(pent-4-en-1-yl)-1H-indazole-3-carboxamido)butanoate
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
RCS-4=1-pentyl-3-(4-methoxybenzoyl)indole
THJ-018=1-pentyl-1H-indazol-3-yl(naphthalen-1-yl)methanone
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

¹ As reported by NFLIS-Drug laboratories, with no specific drug name provided.**Source:** U.S. Drug Enforcement Administration, Diversion Control Division, National Forensic Laboratory Information System, 2022. Data generated: August 18, 2023.**Suggested Citation:** U.S. Drug Enforcement Administration, Diversion Control Division. (2023). *Table 4. State counts for synthetic cannabinoids: 2022*. <https://www.nflis.deadiversion.usdoj.gov/publicationsRedesign.xhtml>