

Table 3. State Counts for Fentanyl and Fentanyl-Related Compounds: 2022

Counts of fentanyl and fentanyl-related compounds 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
1-Boc-4-(4-fluoroanilino)piperidine	0	0	0	0	8	0	0	0	0	2	0	0	0
1-Boc-4-piperidone	0	0	0	0	0	0	0	0	0	8	0	0	0
1-Phenethyl-4-hydroxypiperidine	0	0	0	0	0	0	0	0	0	0	0	0	0
1-Phenethyl-4-propionyloxy piperidine	0	0	0	0	2	0	0	0	0	0	0	0	0
1-Propionyl-4-anilinopiperidine	0	0	0	0	2	0	0	0	0	0	0	0	0
4-ANPP	14	3	37	5	898	10	4	1	0	72	19	11	16
Acetyl fentanyl	2	3	39	4	81	10	11	0	1	122	0	1	8
Acryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Benzylfentanyl	0	0	0	0	2	0	0	0	0	0	0	0	0
Bipiperidinyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Butyryl fentanyl	0	0	0	0	1	0	0	0	0	0	0	0	0
Carfentanil	0	0	0	1	0	0	0	0	0	0	0	0	0
Chlorofentanyl	0	0	0	0	1	0	10	0	0	0	0	0	0
Chlorofentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Chlorofentanyl	0	0	0	0	1	0	10	0	0	0	0	0	0
Cyclopropyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethyl 4-ANPP	0	0	0	0	10	0	0	0	0	0	0	0	0
Fentanyl	325	296	16,975	1,134	10,872	2,839	930	63	141	7,442	1,343	92	2,182
Fentanyl carbamate	0	0	0	0	0	0	0	0	0	0	0	0	0
Fentanyl-related compound (unspecified) ¹	0	0	0	0	0	1	0	0	0	0	0	0	0
Fluoro 4-anilinopiperidine	0	0	0	0	4	0	0	0	0	0	0	0	0
Fluoro 4-ANPP	0	0	21	3	11	1	2	0	0	4	0	0	0
Fluoro 4-ANPP (unspecified isomer)	0	0	21	3	0	0	0	0	0	0	0	0	0
<i>meta</i> -Fluoro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Fluoro 4-ANPP	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>para</i> -Fluoro 4-ANPP	0	0	0	0	11	1	2	0	0	3	0	0	0
Fluoro acetyl fentanyl	0	0	5	0	1	0	0	0	0	8	0	0	10
Fluoro acetyl fentanyl (unspecified isomer)	0	0	5	0	0	0	0	0	0	8	0	0	9
<i>para</i> -Fluoro acetyl fentanyl	0	0	0	0	1	0	0	0	0	0	0	0	1
Fluoro furanyl fentanyl	0	0	2	0	0	0	4	0	0	0	0	0	0
Fluoro furanyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>para</i> -Fluoro furanyl fentanyl	0	0	2	0	0	0	4	0	0	0	0	0	0
Fluoro phenethyl 4-ANPP	0	0	0	0	16	0	0	0	0	0	0	0	0
4-Fluorophenethyl 4-ANPP	0	0	0	0	9	0	0	0	0	0	0	0	0
Fluoro phenethyl 4-ANPP (unspecified isomer)	0	0	0	0	7	0	0	0	0	0	0	0	0
Fluoro valeryl fentanyl	0	0	0	0	0	0	14	0	0	24	0	0	0
Fluoro valeryl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	24	0	0	0
<i>para</i> -Fluoro valeryl fentanyl	0	0	0	0	0	0	14	0	0	0	0	0	0
Fluorobutyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluorobutyryl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluorofentanyl	51	19	298	121	699	143	199	16	36	1,139	90	4	303
Fluorofentanyl (unspecified isomer)	0	0	104	0	230	71	0	0	0	407	1	0	266
<i>meta</i> -Fluorofentanyl	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Fluorofentanyl	0	0	0	3	0	1	0	0	0	0	0	0	0
<i>para</i> -Fluorofentanyl	51	19	194	117	469	71	199	16	36	732	89	4	37
Fluoroisobutyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
3-Fluoroisobutyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
4-Fluoroisobutyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoroisobutyryl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Furanyl benzyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Furanyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Methoxyacetyl fentanyl	0	0	0	0	0	0	0	0	0	0	1	0	0
Methyl 4-ANPP	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>meta</i> -Methyl 4-ANPP	0	0	0	0	1	0	0	0	0	0	0	0	0
Methyl 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl acetyl fentanyl	0	0	0	0	3	0	0	0	0	0	0	0	0
<i>beta</i> -Methyl acetyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl acetyl fentanyl (unspecified isomer)	0	0	0	0	3	0	0	0	0	0	0	0	0
Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>cis</i> -3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>trans</i> -3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
N-(1-Phenethyl-4-piperidyl)-N'-phenethylpropanamide	0	0	0	0	0	0	0	0	0	0	0	0	0
N-(1- <i>tert</i> -butyl-4-piperidyl)-N-phenylpropanamide	0	0	0	0	3	0	0	0	0	0	0	0	0
N-Benzyl fluoro norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Boc norfentanyl	0	0	1	0	0	0	0	0	0	0	0	0	0
N-Methyl norfentanyl	0	0	0	0	0	0	0	0	0	1	0	0	0
N-Phenyl-4-piperidinamine	0	0	1	0	0	0	0	0	0	0	0	0	0
N-Propionyl norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Norfentanyl	4	0	1	0	2	0	0	0	0	0	0	0	0
<i>ortho</i> -Chloro 4-ANPP	0	0	0	0	1	0	0	0	0	0	0	0	0
Phenethyl 4-ANPP	0	0	0	0	122	0	0	0	0	7	0	0	0
Remifentanil	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetrahydrofuranyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Thiofentanyl	0	0	0	0	1	0	0	0	0	0	0	0	0
Valeryl fentanyl	0	1	31	1	11	1	7	0	0	12	0	0	8
Isovaleryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Valeryl fentanyl (unspecified isomer)	0	1	31	1	11	1	7	0	0	12	0	0	8

Table 3. State Counts for Fentanyl and Fentanyl-Related Compounds: 2022

Counts of fentanyl and fentanyl-related compounds submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023

Drug	Illinois	Indiana	Iowa	Kansas	Kentucky	Louisiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	Mississippi	Missouri
1-Boc-4-(4-fluoroanilino)piperidine	0	2	0	0	1	0	0	0	0	0	0	0	0
1-Boc-4-piperidone	0	0	0	0	0	0	0	0	0	0	0	0	0
1-Phenethyl-4-hydroxypiperidine	0	0	0	0	0	0	0	0	0	0	0	0	0
1-Phenethyl-4-propionyloxypiperidine	0	0	0	0	0	0	0	0	0	0	0	0	0
1-Propionyl-4-anilinopiperidine	0	0	0	0	0	0	0	0	0	0	0	0	0
4-ANPP	22	334	0	882	6	268	72	16	28	302	693	127	16
Acetyl fentanyl	30	19	18	29	110	17	6	25	112	16	41	5	16
Acryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Benzylfentanyl	0	0	0	0	1	1	0	0	0	0	0	0	0
Bipiperidinyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Butyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Carfentanil	1	3	0	0	0	4	0	0	0	0	0	0	0
Chlorofentanyl	0	0	0	1	0	0	0	0	1	0	0	0	0
Chlorofentanyl (unspecified isomer)	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Chlorofentanyl	0	0	0	0	0	0	0	0	1	0	0	0	0
Cyclopropyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Fentanyl	5,281	2,795	823	2,146	4,426	2,933	227	3,206	5,486	606	1,782	499	4,913
Fentanyl carbamate	0	0	0	0	1	0	0	0	0	0	0	0	0
Fentanyl-related compound (unspecified) ¹	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro 4-anilinopiperidine	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro 4-ANPP	0	0	0	1	0	0	0	0	0	1	11	1	0
Fluoro 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	11	0	0
<i>meta</i> -Fluoro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Fluoro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>para</i> -Fluoro 4-ANPP	0	0	0	1	0	0	0	0	0	1	0	1	0
Fluoro acetyl fentanyl	0	0	0	0	8	0	0	0	2	0	0	0	0
Fluoro acetyl fentanyl (unspecified isomer)	0	0	0	0	6	0	0	0	2	0	0	0	0
<i>para</i> -Fluoro acetyl fentanyl	0	0	0	0	2	0	0	0	0	0	0	0	0
Fluoro furanyl fentanyl	0	0	0	0	0	1	0	136	26	0	0	0	3
Fluoro furanyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>para</i> -Fluoro furanyl fentanyl	0	0	0	0	0	1	0	136	26	0	0	0	3
Fluoro phenethyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
4-Fluorophenethyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro phenethyl 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro valeryl fentanyl	0	0	0	0	2	0	0	0	4	0	0	0	0
Fluoro valeryl fentanyl (unspecified isomer)	0	0	0	0	2	0	0	0	4	0	0	0	0
<i>para</i> -Fluoro valeryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluorobutyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluorobutyryl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluorofentanyl	360	348	91	344	930	524	8	182	1,626	69	224	69	703
Fluorofentanyl (unspecified isomer)	43	9	90	221	815	140	1	28	1,514	0	216	0	5
<i>meta</i> -Fluorofentanyl	1	0	0	0	0	0	0	0	0	0	0	0	1
<i>ortho</i> -Fluorofentanyl	1	2	0	0	0	0	0	0	0	0	0	0	0
<i>para</i> -Fluorofentanyl	315	337	1	123	115	384	7	154	112	69	8	69	697
Fluoroisobutyryl fentanyl	0	0	0	0	0	0	0	2	0	0	0	0	0
3-Fluoroisobutyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
4-Fluoroisobutyryl fentanyl	0	0	0	0	0	0	0	2	0	0	0	0	0
Fluoroisobutyryl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Furanyl benzyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	1
Furanyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Methoxyacetyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>meta</i> -Methyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl acetyl fentanyl	0	0	0	66	0	0	0	0	0	0	0	0	0
<i>beta</i> -Methyl acetyl fentanyl	0	0	0	1	0	0	0	0	0	0	0	0	0
Methyl acetyl fentanyl (unspecified isomer)	0	0	0	65	0	0	0	0	0	0	0	0	0
Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>cis</i> -3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>trans</i> -3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -(1-Phenethyl-4-piperidyl)- <i>N</i> -phenethylpropanamide	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -(1- <i>tert</i> -butyl-4-piperidyl)- <i>N</i> -phenylpropanamide	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Benzyl fluoro norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Boc norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Methyl norfentanyl	0	0	0	0	1	0	0	0	0	0	0	0	0
<i>N</i> -Phenyl-4-piperidinamine	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Propionyl norfentanyl	0	0	0	0	1	0	0	0	0	0	0	0	0
Norfentanyl	0	0	0	0	5	0	0	0	0	0	0	0	0
<i>ortho</i> -Chloro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenethyl 4-ANPP	0	9	0	0	0	15	0	0	0	0	0	0	0
Remifentanil	0	0	0	0	0	1	0	0	0	0	0	0	0
Tetrahydrofuranyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Thiofentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Valeryl fentanyl	0	4	1	4	14	1	0	1	16	0	0	1	4
Isovaleryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Valeryl fentanyl (unspecified isomer)	0	4	1	4	14	1	0	1	16	0	0	1	4

Table 3. State Counts for Fentanyl and Fentanyl-Related Compounds: 2022

Counts of fentanyl and fentanyl-related compounds 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
1-Boc-4-(4-fluoroanilino)piperidine	0	0	0	0	0	0	2	0	0	0	0	0	0
1-Boc-4-piperidone	0	0	0	0	0	0	1	0	0	0	0	0	0
1-Phenethyl-4-hydroxypiperidine	0	0	0	0	0	0	2	0	0	0	0	0	0
1-Phenethyl-4-propionylloxypiperidine	0	0	0	0	0	0	2	0	0	0	0	0	0
1-Propionyl-4-anilinopiperidine	0	0	0	0	0	0	2	0	0	0	0	0	0
4-ANPP	42	106	62	5	5,454	25	566	1,499	0	2,764	54	10	16
Acetyl fentanyl	6	8	7	33	179	6	243	48	0	880	14	11	226
Acryl fentanyl	0	0	0	0	0	0	0	1	0	0	0	0	0
Benzylfentanyl	0	0	0	0	4	0	1	0	0	136	0	0	0
Bipiperidyl 4-ANPP	0	0	0	0	0	0	1	0	0	0	0	0	0
Butyryl fentanyl	0	0	0	0	0	0	0	24	0	5	0	0	0
Carfentanil	0	0	0	0	2	0	1	0	0	18	0	0	3
Chlorofentanyl	0	0	0	0	0	0	0	0	0	8	2	0	0
Chlorofentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	2	0	0	0
ortho-Chlorofentanyl	0	0	0	0	0	0	0	0	0	6	2	0	0
Cyclopropyl fentanyl	0	0	0	0	0	0	0	5	0	0	0	0	0
Ethyl 4-ANPP	0	0	0	0	73	0	0	0	0	0	0	0	0
Fentanyl	978	341	357	1,700	9,225	3,200	9,188	2,670	629	17,910	1,975	1,286	13,355
Fentanyl carbamate	0	0	0	0	0	0	0	0	0	0	0	0	0
Fentanyl-related compound (unspecified) ¹	0	3	0	0	0	0	181	0	0	0	0	0	0
Fluoro 4-anilinopiperidine	0	0	0	0	1	0	0	0	0	0	0	0	0
Fluoro 4-ANPP	0	0	0	0	76	2	6	49	0	12	2	1	42
Fluoro 4-ANPP (unspecified isomer)	0	0	0	0	75	0	5	49	0	1	0	0	42
meta-Fluoro 4-ANPP	0	0	0	0	0	0	1	0	0	11	0	0	0
ortho-Fluoro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
para-Fluoro 4-ANPP	0	0	0	0	1	2	0	0	0	0	2	1	0
Fluoro acetyl fentanyl	0	0	0	0	14	1	0	0	0	22	0	0	3
Fluoro acetyl fentanyl (unspecified isomer)	0	0	0	0	11	0	0	0	0	17	0	0	3
para-Fluoro acetyl fentanyl	0	0	0	0	3	1	0	0	0	5	0	0	0
Fluoro furanyl fentanyl	0	0	0	0	1	0	0	0	0	0	0	0	0
Fluoro furanyl fentanyl (unspecified isomer)	0	0	0	0	1	0	0	0	0	0	0	0	0
para-Fluoro furanyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro phenethyl 4-ANPP	0	0	0	0	185	0	1	0	0	0	0	0	0
4-Fluorophenethyl 4-ANPP	0	0	0	0	0	0	1	0	0	0	0	0	0
Fluoro phenethyl 4-ANPP (unspecified isomer)	0	0	0	0	185	0	0	0	0	0	0	0	0
Fluoro valeryl fentanyl	0	0	0	0	0	0	0	0	0	1	0	0	0
Fluoro valeryl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
para-Fluoro valeryl fentanyl	0	0	0	0	0	0	0	0	0	1	0	0	0
Fluorobutyl fentanyl	0	0	0	0	0	0	0	671	0	0	0	0	0
Fluorobutyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	671	0	0	0	0	0
Fluorofentanyl	90	62	71	366	2,556	123	513	343	66	5,259	76	121	3,051
Fluorofentanyl (unspecified isomer)	0	1	23	22	2,350	64	218	291	0	2,580	0	46	2,308
meta-Fluorofentanyl	0	0	0	0	0	0	6	0	0	0	0	0	0
ortho-Fluorofentanyl	0	0	0	0	0	0	4	0	0	0	2	0	0
para-Fluorofentanyl	90	61	48	344	206	59	285	52	66	2,679	74	75	743
Fluoroisobutyl fentanyl	0	0	0	0	2	0	0	104	0	21	0	0	1
3-Fluoroisobutyl fentanyl	0	0	0	0	0	0	0	0	0	18	0	0	0
4-Fluoroisobutyl fentanyl	0	0	0	0	0	0	0	0	0	3	0	0	0
Fluoroisobutyl fentanyl (unspecified isomer)	0	0	0	0	2	0	0	104	0	0	0	0	1
Furanyl benzyl fentanyl	0	0	0	0	0	0	0	0	0	1	0	0	0
Furanyl fentanyl	0	0	0	0	19	0	1	1	0	1	0	2	1
Methoxyacetyl fentanyl	0	0	0	0	0	0	5	0	0	0	0	0	3
Methyl 4-ANPP	0	0	0	0	0	0	0	16	0	0	0	0	0
meta-Methyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	16	0	0	0	0	0
Methyl acetyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
beta-Methyl acetyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Methyl acetyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0	0
Methylfentanyl	0	0	0	0	0	0	0	0	0	1	0	0	2
3-Methylfentanyl	0	0	0	0	0	0	0	0	0	1	0	0	0
cis-3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	1
trans-3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	1
N-(1-Phenethyl-4-piperidyl)-N-phenethylpropanamide	0	0	0	0	0	0	0	0	0	0	0	0	0
N-(1-tert-butyl-4-piperidyl)-N-phenylpropanamide	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Benzyl fluoro norfentanyl	0	0	0	0	0	0	0	0	0	2	0	0	0
N-Boc norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
N-Methyl norfentanyl	0	0	0	0	0	0	0	1	0	0	0	0	0
N-Phenyl-4-piperidinamine	0	0	0	0	0	0	0	0	0	1	0	0	0
N-Propionyl norfentanyl	0	0	0	0	26	0	2	3	0	0	0	0	0
Norfentanyl	0	3	0	0	7	0	0	0	0	5	0	0	0
ortho-Chloro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenethyl 4-ANPP	0	0	0	0	1,077	0	6	1	0	0	2	0	0
Remifentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Tetrahydrofuran fentanyl	0	0	0	0	0	0	0	1	0	0	0	0	0
Thiofentanyl	0	0	0	0	0	0	0	0	0	0	0	0	0
Valeryl fentanyl	4	1	0	2	11	9	6	0	0	32	2	2	8
Isovaleryl fentanyl	0	0	0	0	0	2	0	0	0	0	0	0	0
Valeryl fentanyl (unspecified isomer)	4	1	0	2	11	7	6	0	0	32	2	2	8

Table 3. State Counts for Fentanyl and Fentanyl-Related Compounds: 2022

Counts of fentanyl and fentanyl-related compounds 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
1-Boc-4-(4-fluoroanilino)piperidine	0	0	0	0	0	0	0	1	0	0	0	0
1-Boc-4-piperidone	0	0	0	0	0	0	0	0	0	0	0	0
1-Phenethyl-4-hydroxypiperidine	0	0	0	0	0	0	0	0	0	0	0	0
1-Phenethyl-4-propionyloxy piperidine	0	0	0	0	0	0	0	0	0	0	0	0
1-Propionyl-4-anilinopiperidine	0	0	0	0	0	0	0	0	0	0	0	0
4-ANPP	9	1	54	2,215	195	4	201	2	284	190	89	102
Acetyl fentanyl	45	57	0	108	13	7	6	48	12	52	24	2
Acryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Benzylfentanyl	1	0	0	2	0	0	0	0	0	9	0	0
Bipiperidyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
Butyryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Carfentanil	1	0	0	1	15	0	0	1	0	0	2	0
Chlorofentanyl	0	0	0	0	0	0	0	4	0	0	0	0
Chlorofentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Chlorofentanyl	0	0	0	0	0	0	0	4	0	0	0	0
Cyclopropyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Ethyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
Fentanyl	726	1,568	99	4,388	3,332	354	662	7,545	2,492	2,514	993	328
Fentanyl carbamate	0	0	0	0	0	0	0	0	0	0	0	0
Fentanyl-related compound (unspecified) ¹	166	10	0	0	0	0	0	0	0	0	0	0
Fluoro 4-anilinopiperidine	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro 4-ANPP	0	0	0	73	10	0	0	0	3	27	0	2
Fluoro 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	0	1	27	0	0
<i>meta</i> -Fluoro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Fluoro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
<i>para</i> -Fluoro 4-ANPP	0	0	0	73	10	0	0	0	2	0	0	2
Fluoro acetyl fentanyl	0	12	0	0	2	0	0	0	0	2	0	0
Fluoro acetyl fentanyl (unspecified isomer)	0	0	0	0	1	0	0	0	0	0	0	0
<i>para</i> -Fluoro acetyl fentanyl	0	12	0	0	1	0	0	0	0	2	0	0
Fluoro furanyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro furanyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
<i>para</i> -Fluoro furanyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro phenethyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
4-Fluorophenethyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro phenethyl 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Fluoro valeryl fentanyl	0	0	0	2	0	0	0	0	0	1	0	0
Fluoro valeryl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	1	0	0
<i>para</i> -Fluoro valeryl fentanyl	0	0	0	2	0	0	0	0	0	0	0	0
Fluorobutyl fentanyl	0	0	0	0	0	0	0	0	0	295	0	0
Fluorobutyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	295	0	0
Fluorofentanyl	259	242	1	1,030	246	32	94	927	186	104	153	17
Fluorofentanyl (unspecified isomer)	0	232	0	360	63	0	78	0	58	0	10	7
<i>meta</i> -Fluorofentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>ortho</i> -Fluorofentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>para</i> -Fluorofentanyl	259	10	1	670	183	32	16	927	128	104	143	10
Fluoroisobutyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
3-Fluoroisobutyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
4-Fluoroisobutyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Fluoroisobutyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Furanyl benzyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Furanyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Methoxyacetyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Methyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
<i>meta</i> -Methyl 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
Methyl 4-ANPP (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Methyl acetyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>beta</i> -Methyl acetyl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Methyl acetyl fentanyl (unspecified isomer)	0	0	0	0	0	0	0	0	0	0	0	0
Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0
3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>cis</i> -3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>trans</i> -3-Methylfentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -(1-Phenethyl-4-piperidyl)- <i>N</i> -phenethylpropanamide	0	0	0	0	9	0	0	0	0	0	0	0
<i>N</i> -(1- <i>tert</i> -butyl-4-piperidyl)- <i>N</i> -phenylpropanamide	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Benzyl fluoro norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Boc norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Methyl norfentanyl	0	0	0	0	0	0	0	0	0	0	0	0
<i>N</i> -Phenyl-4-piperidinamine	0	0	0	0	0	0	0	0	0	14	0	0
<i>N</i> -Propionyl norfentanyl	0	46	0	0	0	0	0	0	0	0	0	0
Norfentanyl	0	32	0	0	0	0	0	0	0	2	0	0
<i>ortho</i> -Chloro 4-ANPP	0	0	0	0	0	0	0	0	0	0	0	0
Phenethyl 4-ANPP	0	0	0	3	5	0	0	0	1	0	0	0
Remifentanil	0	0	0	0	0	0	0	0	0	0	0	0
Tetrahydrofuran fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Thiofentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Valeryl fentanyl	1	28	0	10	2	1	0	9	15	4	1	0
Isovaleryl fentanyl	0	0	0	0	0	0	0	0	0	0	0	0
Valeryl fentanyl (unspecified isomer)	1	28	0	10	2	1	0	9	15	4	1	0

Table 3. State Counts for Fentanyl and Fentanyl-Related Compounds: 2022
Counts of fentanyl and fentanyl-related compounds submitted to laboratories from January 1, 2022, through December 31, 2022, and analyzed by March 31, 2023

4-ANPP=4-anilino-N-phenethyl-4-piperidine
Bipiperidinyl 4-ANPP=N-phenyl-1'-phenethyl-1,4'-bipiperidin-4-amine
Ethyl 4-ANPP=N-ethyl-N-phenyl-1-(2-phenylethyl)piperidin-4-amine
meta-Methyl 4-ANPP=N-(3-methylphenyl)-1-(2-phenylethyl)piperidin-4-amine
ortho-Chloro 4-ANPP=N-(2-chlorophenyl)-1-(2-phenylethyl)piperidin-4-amine
Phenethyl 4-ANPP=N-phenyl-N,1-bis(2-phenylethyl)piperidin-4-amine

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.

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