



**KENTUCKY INJURY PREVENTION
AND RESEARCH CENTER**

Kentucky Resident Behavioral Health Indicators Report, 2017–2022

August 2023

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Table 1. Numbers of Suicides among Youth and Adult Kentucky Residents: Demographics and Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth	24	21	23	22	23	28	141
Sex							
Female	10	6	8	5	9	6	44
Male	14	15	15	17	14	22	97
Adult	712	736	704	733	740	761	4,386
Race							
Black	28	32	34	40	36	50	220
White	679	690	658	682	688	689	4,086
Other	5	14	12	11	16	22	80
Sex							
Female	133	130	146	109	108	136	762
Male	579	606	558	624	632	625	3,624
Age Group							
18–24	65	80	66	82	86	81	460
25–34	118	112	120	129	131	129	739
35–44	130	123	141	142	134	149	819
45–54	146	147	116	115	123	128	775
55–64	116	117	136	123	101	109	702
65–74	91	91	83	71	97	90	523
75+	46	66	42	71	68	75	368
Total	712	736	704	733	740	761	4,386

Note:

Youth are defined as Kentucky residents 17 years of age and younger. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change. August 2023.

Table 2. Numbers of Nonfatal Intentional Self-Harm Injury-Related Inpatient Hospitalizations among Youth and Adult Kentucky Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth	342	390	423	435	559	494	2,643
Race							
Black	55	46	73	64	80	79	397
White	282	335	336	362	467	406	2,188
Other	5	9	14	9	12	9	58
Sex							
Female	291	320	321	357	454	404	2,147
Male	51	70	102	78	105	90	496
Age Group							
<14	58	89	99	122	149	121	638
14–17	284	301	324	313	410	373	2,005
Adult	2,867	2,704	2,590	2,376	2,161	2,039	14,737
Race							
Black	208	200	206	193	204	185	1,196
White	2,619	2,465	2,347	2,138	1,917	1,804	13,290
Other	40	39	37	45	40	50	251
Sex							
Female	1,659	1,515	1,395	1,312	1,181	1,142	8,204
Male	1,208	1,189	1,195	1,064	980	897	6,533
Age Group							
18–24	567	584	553	563	524	425	3,216
25–34	649	614	576	540	458	461	3,298
35–44	610	550	547	483	483	425	3,098
45–54	561	500	476	386	324	341	2,588
55–64	338	304	284	254	235	234	1,649
65–74	97	113	103	108	95	112	628
75+	45	39	51	42	42	41	260
Total	3,209	3,094	3,013	2,811	2,720	2,533	17,380

Note:

Youth are defined as Kentucky residents 17 years of age and younger. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change. August 2023.

Table 3. Numbers of Nonfatal Intentional Self-Harm Injury-Related Inpatient Hospitalizations among Youth and Adult Kentucky Residents by Diagnosis¹, Age Group, and Year 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth							
Other	186	182	215	207	290	243	1,323
Poisoning by, adverse effect of, and underdosing of 4-aminophenol derivatives	46	51	58	63	91	80	389
Poisoning by other and unspecified antidepressants	39	47	44	70	68	78	346
Intentional self-harm by unspecified sharp object	11	41	39	43	48	35	217
Poisoning by, adverse effect of, and underdosing of other nonsteroidal anti-inflammatory drugs [NSAIDs]	36	32	31	27	43	32	201
Poisoning by, adverse effect of, and underdosing of other and unspecified drugs, medicaments, and biological substances	24	37	36	25	19	26	167
Adults							
Other	1,893	1,778	1,685	1,521	1,403	1,292	9,572
Poisoning by other and unspecified antidepressants	212	211	179	174	162	186	1,124
Poisoning by, adverse effect of, and underdosing of other and unspecified antipsychotics and neuroleptics	218	208	200	186	142	154	1,108
Poisoning by, adverse effect of, and underdosing of benzodiazepines	247	186	167	149	152	127	1,028
Intentional self-harm by unspecified sharp object	136	166	194	169	168	122	955
Poisoning by, adverse effect of, and underdosing of other and unspecified drugs, medicaments, and biological substances	161	155	165	177	134	158	950

Note:

¹Diagnosis based on first listed intentional self-harm injury ICD-10-CM code.

Youth are defined as Kentucky residents 17 years of age and younger. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change. August 2023.

Table 4. Numbers of Nonfatal Intentional Self-Harm Injury-Related Emergency Department Visits among Youth and Adult Kentucky Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth	1,132	1,056	1,017	924	1,203	1,102	6,434
Race							
Black	103	91	85	104	132	106	621
White	999	934	905	795	1,020	960	5,613
Other	30	31	27	25	51	36	200
Sex							
Female	859	803	767	719	926	830	4,904
Male	273	253	250	205	277	272	1,530
Age Group							
<10	24	12	31	20	37	26	150
10–13	209	235	261	239	318	305	1,567
14–17	899	809	725	665	848	771	4,717
Adult	2,694	2,787	2,623	2,603	2,421	2,219	15,347
Race							
Black	265	276	270	316	296	260	1,683
White	2,392	2,472	2,315	2,243	2,070	1,899	13,391
Other	37	39	38	44	55	60	273
Sex							
Female	1,411	1,493	1,417	1,400	1,374	1,230	8,325
Male	1,283	1,294	1,206	1,203	1,047	989	7,022
Age Group							
18–24	790	904	804	854	819	697	4,868
25–34	806	785	741	706	631	625	4,294
35–44	531	538	519	503	490	419	3,000
45–54	346	321	342	303	268	255	1,835
55–64	175	166	166	177	134	152	970
65–74	30	58	37	45	57	39	266
75+	16	15	14	15	22	32	114
Total	3,826	3,843	3,640	3,527	3,624	3,321	21,781

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Table 5. Numbers of Nonfatal Intentional Self-Harm Injury-Related Emergency Department Visits among Youth and Adult Kentucky Residents by Diagnosis¹, Age Group, and Year, 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth							
Other	502	518	497	481	672	601	3,271
Intentional self-harm by unspecified sharp object	172	162	134	112	139	123	842
Intentional self-harm by other sharp object	154	159	132	103	117	102	767
Poisoning by other antidepressants, intentional self-harm, initial encounter	103	70	77	89	117	108	564
Intentional self-harm by other specified means	125	86	110	62	78	71	532
Poisoning by, adverse effect of, and underdosing of other and unspecified drugs, medicaments, and biological substances	76	61	67	77	80	97	458
Adults							
Other	1,503	1,496	1,464	1,395	1,350	1,256	8,464
Intentional self-harm by unspecified sharp object	302	347	311	318	293	252	1,823
Intentional self-harm by other sharp object	254	255	254	239	204	194	1,400
Intentional self-harm by other specified means	234	278	232	246	192	146	1,328
Intentional self-harm by knife	231	257	211	234	186	196	1,315
Poisoning by, adverse effect of, and underdosing of other and unspecified drugs, medicaments, and biological substances	170	154	151	171	196	175	1,017

Note:

¹Diagnosis based on first listed intentional self-harm injury ICD-10-CM code.

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Table 6. Numbers of Nonfatal Inpatient Hospitalizations for Mental and Behavioral Disorders among Youth and Adult Kentucky Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth	1,703	1,740	1,893	1,548	1,795	1,817	10,496
Race							
Black	220	231	259	208	224	222	1,364
White	1,452	1,475	1,592	1,311	1,527	1,565	8,922
Other	31	34	42	29	44	30	210
Sex							
Female	1,161	1,145	1,284	1,074	1,273	1,274	7,211
Male	542	595	609	474	522	543	3,285
Age Group							
<10	49	19	14	20	20	20	142
10–13	419	487	595	441	551	540	3,033
14–17	1,235	1,234	1,284	1,087	1,224	1,257	7,321
Adult	17,741	15,542	14,492	13,244	12,950	11,607	85,576
Race							
Black	1,247	1,100	1,168	1,140	1,135	960	6,750
White	16,262	14,263	13,177	11,946	11,638	10,445	77,731
Other	232	179	147	158	177	202	1,095
Sex							
Female	9,451	8,193	7,590	6,769	6,660	5,959	44,622
Male	8,290	7,349	6,902	6,475	6,290	5,648	40,954
Age Group							
18–24	2,576	2,332	2,288	2,138	2,094	1,883	13,311
25–34	3,967	3,439	3,143	2,974	2,942	2,524	18,989
35–44	3,717	3,175	2,983	2,785	2,836	2,450	17,946
45–54	3,377	2,933	2,639	2,191	2,167	1,924	15,231
55–64	2,418	2,139	1,957	1,772	1,658	1,600	11,544
65–74	1,113	986	920	894	794	814	5,521
75+	573	538	562	490	459	412	3,034
Total	19,444	17,282	16,385	14,792	14,745	13,424	96,072

Note:

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Table 7. Numbers of Nonfatal Inpatient Hospitalizations for Mental and Behavioral Disorders among Youth and Adult Kentucky Residents by Diagnosis¹, Age Group, and Year, 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth							
Other	604	598	577	478	640	791	3,688
Major depressive disorder, recurrent severe without psychotic features	493	636	648	611	675	622	3,685
Major depressive disorder, single episode, unspecified	182	168	292	138	167	85	1,032
Unspecified mood [affective] disorder	179	109	138	102	100	100	728
Major depressive disorder, single episode, severe without psychotic features	94	93	104	104	78	81	554
Other persistent mood [affective] disorders	115	103	94	78	65	82	537
Adults							
Other	10,023	9,113	8,354	7,730	8,039	7,470	50,729
Major depressive disorder, recurrent severe without psychotic features	3,071	2,530	2,365	2,243	2,233	2,305	14,747
Major depressive disorder, single episode, unspecified	1,996	1,493	1,343	921	719	265	6,737
Bipolar disorder, unspecified	1,110	981	852	820	676	613	5,052
Major depressive disorder, recurrent, severe with psychotic symptoms	853	787	726	681	651	559	4,257
Adjustment disorders	635	604	822	830	601	378	3,870

Note:

¹Diagnosis based on first listed mental and behavioral disorder ICD-10-CM code.

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Table 8. Numbers of Nonfatal Emergency Department Visits for Mental and Behavioral Disorders among Youth and Adult Kentucky Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth	21,168	20,733	20,442	13,074	12,495	14,498	102,410
Race							
Black	3,361	3,302	3,254	1,725	1,495	2,060	15,197
White	17,416	17,030	16,773	11,069	10,718	12,011	85,017
Other	391	401	415	280	282	427	2,196
Sex							
Female	10,092	10,056	10,149	6,757	6,817	7,664	51,535
Male	11,076	10,677	10,293	6,317	5,678	6,834	50,875
Age Group							
<10	4,233	3,980	3,568	1,999	1,718	2,129	17,627
10–13	6,141	6,274	6,370	3,953	3,792	4,349	30,879
14–17	10,794	10,479	10,504	7,122	6,985	8,020	53,904
Adult	217,747	225,504	234,858	187,750	170,242	168,873	1,204,974
Race							
Black	22,361	23,828	26,069	19,873	16,841	17,779	126,751
White	193,616	199,614	206,441	165,879	151,311	148,702	1,065,563
Other	1,770	2,062	2,348	1,998	2,090	2,392	12,660
Sex							
Female	145,488	149,959	157,018	121,760	110,363	110,371	794,959
Male	72,259	75,545	77,840	65,990	59,879	58,502	410,015
Age Group							
18–24	23,588	23,995	25,561	20,287	18,649	18,216	130,296
25–34	41,623	42,299	42,863	34,511	30,637	29,455	221,388
35–44	43,640	44,223	45,383	36,860	32,814	30,639	233,559
45–54	42,463	43,415	43,363	34,766	30,408	29,176	223,591
55–64	32,747	34,497	36,707	29,213	26,670	26,985	186,819
65–74	18,962	20,794	22,799	18,486	17,971	19,635	118,647
75+	14,724	16,281	18,182	13,627	13,093	14,767	90,674
Total	238,915	246,237	255,300	200,824	182,737	183,371	1,307,384

Note:

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Table 9. Numbers of Nonfatal Emergency Department Visits for Mental and Behavioral Disorders among Youth and Adult Kentucky Residents by Diagnosis¹, Age Group, and Year, 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Youth							
Attention-deficit/hyperactivity disorder, unspecified type	9,196	8,966	8,289	4,787	3,686	4,840	39,764
Other	4,954	4,595	4,545	3,233	4,170	6,110	27,607
Anxiety disorder, unspecified	2,697	2,934	3,162	2,313	2,256	2,713	16,075
Major depressive disorder, single episode, unspecified	3,001	3,059	3,293	2,132	1,753	221	13,459
Bipolar disorder, unspecified	716	670	563	303	286	293	2,831
Oppositional defiant disorder	604	509	590	306	344	321	2,674
Adults							
Anxiety disorder, unspecified	71,988	74,577	77,502	63,889	58,209	58,806	404,971
Major depressive disorder, single episode, unspecified	72,301	74,612	76,411	56,297	42,351	4,018	325,990
Other	40,038	41,556	43,886	36,730	42,677	80,676	285,563
Bipolar disorder, unspecified	18,125	17,498	18,330	14,256	11,720	11,862	91,791
Other specified anxiety disorders	8,487	8,262	9,828	9,552	9,342	8,119	53,590
Generalized anxiety disorder	6,808	8,999	8,901	7,026	5,943	5,392	43,069

Note:

¹Diagnosis based on first listed mental and behavioral disorder ICD-10-CM code.

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Table 10. Numbers of Nonfatal Inpatient Hospitalizations for Mental and Behavioral Disorders Associated with Substance Use among Kentucky Adult Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Race							
Black	401	401	357	429	574	579	2,741
White	7,396	6,589	5,563	5,405	5,846	5,472	36,271
Other	74	51	36	74	102	101	438
Sex							
Female	2,729	2,424	1,904	1,736	1,980	1,850	12,623
Male	5,142	4,617	4,052	4,172	4,542	4,302	26,827
Age Group							
18–24	565	444	280	273	293	263	2,118
25–34	2,152	1,814	1,445	1,231	1,408	1,297	9,347
35–44	2,102	1,922	1,602	1,675	1,827	1,710	10,838
45–54	1,671	1,529	1,295	1,322	1,423	1,391	8,631
55–64	1,012	982	997	1,018	1,136	1,035	6,180
65–74	309	274	265	318	369	380	1,915
75+	60	76	72	71	66	76	421
Total	7,871	7,041	5,956	5,908	6,522	6,152	39,450

Note:

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Table 11. Numbers of Nonfatal Inpatient Hospitalizations for Mental and Behavioral Disorders Associated with Substance Use among Kentucky Adult Residents by Diagnosis¹ and Year, 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Alcohol dependence	3,365	3,193	3,211	3,460	3,613	3,631	20,473
Other	1,790	1,406	1,013	891	998	870	6,968
Opioid addiction and dependence	1,794	1,436	847	648	745	659	6,129
Alcohol abuse	322	327	259	388	623	585	2,504
Other stimulant abuse	286	392	363	335	337	230	1,943
Other psychoactive substance use, unspecified	314	287	263	186	206	177	1,433

Notes:

¹Diagnosis based on first listed mental and behavioral disorder due to substance use ICD-10-CM code.

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Table 12. Numbers of Nonfatal Emergency Department Visits for Mental and Behavioral Disorders Associated with Substance Use among Kentucky Adult Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Race							
Black	8,711	8,755	10,066	9,386	9,681	9,452	56,051
White	53,051	56,107	57,759	54,711	54,521	52,143	328,292
Other	660	741	735	811	1,130	1,196	5,273
Sex							
Female	22,918	24,765	25,959	23,471	24,037	23,817	144,967
Male	39,504	40,838	42,601	41,437	41,295	38,974	244,649
Age Group							
18–24	7,336	7,135	6,977	6,571	6,693	6,400	41,112
25–34	16,713	17,464	17,844	16,737	16,133	14,664	99,555
35–44	14,727	16,069	17,602	17,161	17,475	15,615	98,649
45–54	12,418	12,630	12,813	12,067	11,894	11,782	73,604
55–64	8,269	8,944	9,729	8,943	9,098	9,626	54,609
65–74	2,321	2,592	2,740	2,622	3,228	3,618	17,121
75+	638	769	855	807	811	1,086	4,966
Total	62,422	65,603	68,560	64,908	65,332	62,791	389,616

Note:

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Table 13. Numbers of Nonfatal Emergency Department Visits for Mental and Behavioral Disorders Associated with Substance Use among Kentucky Adult Residents by Diagnosis¹ and Year, 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Other	22,086	24,135	25,644	23,912	26,356	25,290	147,423
Alcohol abuse	16,489	16,367	17,127	15,199	13,647	13,400	92,229
Other psychoactive substance abuse	10,102	11,637	10,840	11,451	10,248	8,125	62,403
Alcohol dependence	5,901	6,657	6,797	6,177	6,017	5,868	37,417
Alcohol abuse with intoxication, unspecified	3,705	3,185	3,816	4,535	5,298	7,333	27,872
Cannabis abuse	4,139	3,622	4,336	3,634	3,766	2,775	22,272

Notes:

¹Diagnosis based on first listed mental and behavioral disorder due to substance use ICD-10-CM code.

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Table 14. Numbers of Nonfatal Drug Overdose Inpatient Hospitalizations among Kentucky Adult Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Race							
Black	427	412	360	380	427	380	2,386
White	5,222	4,511	4,100	4,058	3,624	3,353	24,868
Other	60	58	54	58	64	78	372
Sex							
Female	3,083	2,738	2,427	2,367	2,163	1,999	14,777
Male	2,626	2,243	2,087	2,129	1,952	1,812	12,849
Age Group							
18–24	594	548	551	559	552	453	3,227
25–34	1,097	915	851	873	738	675	5,149
35–44	1,113	979	846	918	851	739	5,446
45–54	1,138	955	856	787	715	695	5,146
55–64	953	807	731	746	672	635	4,544
65–74	470	459	381	375	374	379	2,438
75+	344	318	298	238	243	235	1,676
Total	5,709	4,981	4,514	4,496	4,115	3,811	27,626

Note:

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change. August 2023.

Table 15. Numbers of Nonfatal Drug Overdose Inpatient Hospitalizations among Kentucky Adult Residents by Diagnosis¹ and Year, 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Other	3,249	2,982	2,675	2,503	2,177	2,153	15,739
Poisoning by, adverse effect of, and underdosing of other and unspecified drugs, medicaments, and biological substances	678	533	498	593	586	524	3,412
Poisoning by, adverse effect of, and underdosing of benzodiazepines	620	495	409	385	375	294	2,578
Poisoning by, adverse effect of, and underdosing of psychostimulants	369	371	375	352	388	334	2,189
Poisoning by, adverse effect of, and underdosing of other opioids	362	330	290	334	300	310	1,926
Poisoning by, adverse effect of, and underdosing of narcotics and psychodysleptics	431	270	267	329	289	196	1,782

Notes:

¹Diagnosis based on first listed drug overdose ICD-10-CM code.

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change. August 2023.

Table 16. Numbers of Nonfatal Drug Overdose Emergency Department Visits among Kentucky Adult Residents: Demographics by Year, 2017–2022

	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Race							
Black	857	885	839	1,150	1,115	1,149	5,995
White	10,670	8,573	8,170	9,380	9,226	7,637	53,656
Other	138	91	115	136	165	187	832
Sex							
Female	5,013	4,293	3,984	4,320	4,381	3,729	25,720
Male	6,652	5,256	5,140	6,346	6,125	5,244	34,763
Age Group							
18–24	1,674	1,405	1,221	1,436	1,425	1,272	8,433
25–34	4,008	3,190	2,998	3,374	3,031	2,418	19,019
35–44	2,703	2,167	2,208	2,752	2,793	2,318	14,941
45–54	1,666	1,344	1,266	1,470	1,542	1,321	8,609
55–64	917	789	798	1,006	1,018	913	5,441
65–74	394	364	336	380	435	426	2,335
75+	303	290	297	248	262	305	1,705
Total	11,665	9,549	9,124	10,666	10,506	8,973	60,483

Note:

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change. August 2023.

Table 17. Numbers of Nonfatal Drug Overdose Emergency Department Visits among Kentucky Adult Residents by Diagnosis¹ and Year, 2017–2022

Diagnosis	Year						Total
	2017	2018	2019	2020	2021	2022	
Adult							
Other	3,520	3,469	3,275	3,311	3,264	3,094	19,933
Poisoning by, adverse effect of, and underdosing of narcotics and psychodysleptics	5,077	3,485	3,136	3,571	2,611	1,625	19,505
Poisoning by, adverse effect of, and underdosing of other and unspecified drugs, medicaments, and biological substances	1,314	1,115	1,166	1,501	1,851	1,557	8,504
Poisoning by, adverse effect of, and underdosing of other and unspecified narcotics	703	556	654	1,037	1,363	1,383	5,696
Poisoning by, adverse effect of, and underdosing of other opioids	517	458	514	803	970	1,043	4,305
Poisoning by, adverse effect of, and underdosing of benzodiazepines	534	466	379	443	447	271	2,540

Notes:

¹Diagnosis based on first listed drug overdose ICD-10-CM code.

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Definitions

Indicator	ICD-10/ICD-10-CM Codes	
	Emergency Department Visits	Inpatient Hospitalizations
Mental and behavioral disorders	F20–F69 or F90–F99 in any field	F20–F69 and F90–F99 in the primary diagnosis field
Mental and behavioral disorders due to substance use	F10–F16 or F18–F19 in any field	F10–F16 and F18–F19 in the primary diagnosis field
	Fatal	Nonfatal
Self-harm (from CSTE Injury Surveillance Toolkit)	Underlying cause of death code of X60–X84, Y87.0, or U03	In any field: X71–X83; T36–T50 with 6th character = 2 (Note: include T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9 with 5th character = 2); T51–T65 with 6th character = 2 (Note: include T51.9, T52.9, T53.9, T54.9, T56.9, T57.9, T58.0, T58.1, T58.9, T59.9, T60.9, T61.0, T61.1, T61.9, T62.9, T63.9, T64.0, T64.8, and T65.9 with a 5th character = 2); T71 with 6th character = 2; and T14.91; all codes must have a 7th character of A or missing, excluding adverse effects and underdosing
Drug overdose (from CSTE Injury Surveillance Toolkit)	Underlying cause of death code of X40–X44, X60–X64, X85, or Y10–Y14	In any field: T36–T50; for T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9, a 5th character; for all others, a 6th character; all codes must have a 7th character of A or missing, excluding adverse effects and underdosing

Data Sources

Emergency department visits: Kentucky Outpatient Services Database, Office of Health Data and Analytics, Cabinet for Health and Family Services

Inpatient hospitalizations: Kentucky Inpatient Hospitalization Claims Files, Office of Health Data and Analytics, Cabinet for Health and Family Services

Deaths: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services

Disclaimers

Emergency department visits and inpatient hospitalization counts represent encounters of care and could be greater than the total number of patients treated. To avoid duplicate counts, inpatient hospitalizations resulting in

death and emergency department visits resulting in inpatient hospitalization or death have been excluded from this analysis. Data are provisional and subject to change. Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health, August 2023. This report was supported by grants numbers NU17CE010064 (Centers for Disease Control and Prevention) and 3048114413. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention or the U.S. Department of Health and Human Services.