

# Kentucky Injury Prevention and Research Center

## Kentucky Resident Drug Overdose Deaths by County of Residence, 2012-2016

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## About this report

This report presents drug overdose mortality data for Kentucky residents. The data source for the Kentucky resident data in this report is the Kentucky Death Certificates Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services. Data are provisional and subject to change.

Typically, when a drug overdose death occurs, the coroner completes a death certificate and lists the causes of death and information on how the death occurred. This information/text is then transferred in an electronic record which is sent to the National Center for Health Statistics (NCHS) at the Centers for Disease Control and Prevention (CDC) to be coded according to the guidelines of the Tenth Revision of the International Classification of Diseases (ICD-10) [[www.who.int/classifications/icd10/](http://www.who.int/classifications/icd10/)] to allow standardized classification of the causes of death. Each death certificate is assigned a single underlying cause of death and up to twenty additional multiple causes of death. The underlying cause of death is defined as the reason that initiated the chain of events leading directly to death.

When the information on the death certificate is not specific enough or there is no mention of a particular drug contributing to the death, the death cannot be associated with a specific drug or drug class. For example, about one third of the death certificates for drug overdose cases in Kentucky list only “drug overdose”, “drug toxicity”, “acute drug intoxication”, or “polypharmacy intoxication” as the underlying cause of death, with no mention of particular drugs involved. Therefore, the involvement of pharmaceutical opioids or heroin in Kentucky resident overdose deaths could be underestimated as about 20% of the overdose death records do not list specific drugs. When an overdose death involves multiple drugs from different classes (for example heroin and methadone), each drug will receive appropriate ICD-10-coded cause of death (T40.1 for heroin, T40.3 for methadone) and the death will be counted under both categories of drugs. If an overdose death involves multiple drugs from the same drug class, only one multiple cause of death ICD-10 code will be assigned. For example, if oxycodone and hydrocodone are both listed on a death certificate, their involvement will be coded with one ICD-10 code (T40.2) that represents the involvement of natural or semi-synthetic opioids.

## Definitions

Drug overdose deaths were identified as deaths with an underlying cause of death in the following ICD-10 code range: X40-X44 (accidental/unintentional drug poisoning), X60-X64 (suicide by drug poisoning), X85 (homicide by drug poisoning), and Y10-Y14 (drug poisoning with undetermined intent).

Heroin (T40.1), benzodiazepine (T42.4), and opioids other than heroin (T40.2, T40.3, or T40.4) involvement were determined by ICD-10 codes in the multiple cause of death fields. Fentanyl involvement was determined by both a T40.4 code in a multiple cause of death field and the word “fentanyl” in a literal cause of death field. Records with fentanyl in the literal text fields were excluded from the opioids other than heroin category.

Kentucky Resident Drug Overdose Deaths					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Adair	<5	5	<5	<5	<5
Allen	<5	<5	<5	<5	5
Anderson	5	5	<5	7	9
Ballard	0	<5	<5	<5	<5
Barren	<5	10	<5	5	5
Bath	<5	<5	<5	<5	<5
Bell	11	24	12	23	11
Boone	30	39	35	49	42
Bourbon	<5	7	<5	5	<5
Boyd	10	5	14	21	25
Boyle	<5	<5	<5	9	16
Bracken	0	0	<5	5	<5
Breathitt	7	5	7	<5	6
Breckinridge	<5	<5	<5	<5	<5
Bullitt	22	11	26	14	19
Butler	<5	<5	0	10	<5
Caldwell	<5	<5	<5	<5	<5

Produced by the Kentucky Injury Prevention and Research Center, a bona fide agent for the Kentucky Department for Public Health. August 2017. Data source: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services.

Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



## Kentucky Resident Drug Overdose Deaths

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Calloway	6	<5	<5	5	5
Campbell	55	29	45	44	67
Carlisle	0	<5	0	0	0
Carroll	<5	<5	7	<5	<5
Carter	<5	7	<5	9	9
Casey	<5	<5	<5	5	6
Christian	5	9	<5	<5	<5
Clark	18	10	8	13	9
Clay	8	7	<5	6	5
Clinton	10	5	7	6	<5
Crittenden	<5	<5	<5	<5	<5
Cumberland	<5	<5	<5	<5	<5
Daviess	13	23	10	13	13
Edmonson	<5	<5	0	7	<5
Elliott	<5	<5	<5	<5	<5
Estill	11	<5	8	6	9
Fayette	54	63	84	106	115
Fleming	0	5	<5	6	<5
Floyd	16	18	22	17	16

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## Kentucky Resident Drug Overdose Deaths

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Franklin	<5	14	11	12	16
Fulton	<5	0	0	0	0
Gallatin	5	<5	<5	8	6
Garrard	5	<5	<5	<5	8
Grant	12	9	12	8	15
Graves	7	6	<5	5	5
Grayson	9	6	9	6	12
Green	0	<5	<5	<5	<5
Greenup	<5	14	7	10	7
Hancock	<5	0	<5	<5	<5
Hardin	12	12	18	9	26
Harlan	14	12	9	9	8
Harrison	<5	5	7	8	23
Hart	<5	<5	<5	<5	<5
Henderson	8	8	<5	<5	5
Henry	<5	<5	<5	7	<5
Hickman	<5	0	0	<5	<5
Hopkins	<5	17	7	6	10
Jackson	<5	0	<5	<5	<5

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## Kentucky Resident Drug Overdose Deaths

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Jefferson	172	179	184	211	322
Jessamine	9	<5	9	13	16
Johnson	8	9	<5	6	<5
Kenton	55	65	75	110	82
Knott	11	7	9	<5	<5
Knox	13	10	<5	19	10
Larue	0	<5	<5	0	0
Laurel	16	9	15	12	9
Lawrence	8	<5	<5	<5	6
Lee	0	<5	<5	6	<5
Leslie	11	5	10	<5	6
Letcher	11	9	6	7	<5
Lewis	<5	0	<5	6	0
Lincoln	7	<5	<5	<5	9
Livingston	<5	<5	<5	<5	<5
Logan	<5	<5	5	<5	5
Lyon	<5	<5	<5	<5	0
Madison	20	13	23	28	25
Magoffin	5	5	<5	<5	<5

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## Kentucky Resident Drug Overdose Deaths

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Marion	7	<5	<5	<5	<5
Marshall	6	11	12	<5	10
Martin	5	<5	<5	9	<5
Mason	<5	<5	5	<5	11
McCracken	19	16	19	7	12
McCreary	<5	<5	<5	<5	<5
McLean	<5	<5	0	0	<5
Meade	<5	<5	6	5	10
Menifee	0	<5	0	0	<5
Mercer	<5	<5	<5	5	10
Metcalfe	0	0	<5	<5	5
Monroe	<5	<5	<5	<5	<5
Montgomery	<5	<5	11	9	10
Morgan	<5	<5	<5	0	<5
Muhlenberg	<5	8	8	<5	<5
Nelson	<5	5	6	7	12
Nicholas	<5	<5	<5	<5	<5
Ohio	6	8	<5	8	<5
Oldham	<5	6	<5	15	11

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## Kentucky Resident Drug Overdose Deaths

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Owen	<5	<5	6	<5	7
Owsley	<5	<5	<5	<5	<5
Pendleton	<5	<5	7	5	7
Perry	16	9	13	11	9
Pike	29	19	29	21	16
Powell	7	5	11	6	6
Pulaski	19	11	9	11	13
Robertson	0	0	0	0	<5
Rockcastle	8	<5	<5	<5	6
Rowan	6	<5	<5	5	8
Russell	7	6	15	7	6
Scott	11	7	8	13	20
Shelby	<5	<5	7	16	15
Simpson	<5	<5	<5	7	<5
Spencer	<5	<5	<5	6	5
Taylor	10	8	<5	5	6
Todd	<5	<5	<5	<5	<5
Trigg	<5	<5	<5	5	<5
Trimble	<5	<5	<5	<5	<5

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Kentucky Resident Drug Overdose Deaths					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Union	7	6	6	5	<5
Warren	17	16	16	15	16
Washington	<5	0	<5	<5	<5
Wayne	<5	<5	6	<5	<5
Webster	<5	<5	<5	<5	<5
Whitley	25	14	16	16	8
Wolfe	<5	<5	<5	<5	0
Woodford	<5	5	5	9	<5
<b>Total</b>	<b>1,032</b>	<b>1,003</b>	<b>1,069</b>	<b>1,238</b>	<b>1,379</b>

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Kentucky Resident Overdose Deaths Involving Heroin					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Adair	0	0	<5	0	0
Anderson	<5	0	<5	0	<5
Barren	0	0	0	0	<5
Bath	0	0	0	0	<5
Boone	13	20	10	13	13
Bourbon	0	<5	0	0	0
Boyd	0	0	<5	<5	7
Boyle	0	0	0	0	<5
Bracken	0	0	0	<5	0
Breckinridge	0	<5	0	0	<5
Bullitt	6	<5	14	8	<5
Caldwell	0	0	<5	0	0
Calloway	<5	0	0	0	0
Campbell	28	14	21	24	31
Carroll	<5	<5	<5	<5	<5
Carter	0	<5	<5	0	0
Casey	0	0	0	0	<5

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and heroin will be included here and on the fentanyl table.

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Kentucky Resident Overdose Deaths Involving Heroin					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Clark	0	<5	0	<5	<5
Daviess	0	0	<5	0	0
Elliott	0	0	0	0	<5
Estill	0	0	0	<5	0
Fayette	11	36	41	45	47
Fleming	0	0	0	<5	<5
Floyd	0	<5	0	0	0
Franklin	0	<5	<5	<5	<5
Gallatin	<5	<5	0	0	0
Garrard	0	0	0	0	<5
Grant	<5	<5	8	8	7
Greenup	0	<5	<5	<5	<5
Hancock	0	0	<5	0	0
Hardin	<5	<5	<5	0	6
Harlan	0	0	<5	0	0
Harrison	0	<5	<5	<5	5
Hart	0	0	0	<5	<5

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Kentucky Resident Overdose Deaths Involving Heroin					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Henry	0	0	0	<5	<5
Jefferson	33	57	46	65	77
Jessamine	0	<5	<5	5	7
Kenton	15	29	24	43	20
Knox	0	<5	0	0	0
Laurel	0	<5	0	<5	<5
Lawrence	0	0	0	<5	0
Lee	0	0	0	<5	0
Lewis	<5	0	0	<5	0
Lincoln	0	<5	0	<5	<5
Livingston	0	<5	0	0	0
Logan	0	0	0	<5	0
Madison	<5	<5	10	11	7
Marion	0	<5	0	0	<5
Martin	0	0	0	<5	<5
Mason	0	0	0	<5	<5
McCracken	0	<5	0	<5	<5

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Kentucky Resident Overdose Deaths Involving Heroin					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Meade	<5	0	<5	<5	<5
Mercer	0	<5	<5	<5	<5
Montgomery	0	<5	<5	<5	<5
Nelson	0	<5	<5	<5	<5
Ohio	0	0	0	<5	0
Oldham	<5	0	<5	6	<5
Owen	0	<5	<5	0	<5
Pendleton	<5	<5	<5	<5	<5
Perry	0	0	<5	0	<5
Pike	0	0	<5	<5	0
Powell	0	0	0	<5	0
Pulaski	<5	0	0	<5	<5
Robertson	0	0	0	0	<5
Rockcastle	0	<5	0	0	0
Rowan	0	<5	<5	0	<5
Russell	0	<5	0	0	<5
Scott	<5	<5	<5	6	5

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Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and heroin will be included here and on the fentanyl table.

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Kentucky Resident Overdose Deaths Involving Heroin					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Shelby	<5	0	<5	<5	<5
Simpson	0	0	0	<5	<5
Spencer	0	<5	<5	<5	<5
Taylor	<5	0	0	<5	<5
Trimble	0	<5	0	0	0
Warren	0	<5	0	<5	0
Washington	0	0	<5	<5	<5
Woodford	0	<5	<5	<5	0
<b>Total</b>	<b>129</b>	<b>201</b>	<b>228</b>	<b>300</b>	<b>299</b>

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Kentucky Resident Overdose Deaths Involving Benzodiazepines					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Adair	0	<5	<5	0	0
Allen	<5	<5	<5	<5	<5
Anderson	<5	<5	<5	<5	<5
Ballard	0	0	0	0	<5
Barren	<5	5	<5	<5	<5
Bath	<5	<5	<5	<5	<5
Bell	10	22	8	16	6
Boone	5	<5	7	11	6
Bourbon	0	<5	<5	<5	<5
Boyd	8	<5	6	10	11
Boyle	<5	0	0	<5	<5
Bracken	0	0	0	<5	0
Breathitt	<5	0	0	0	<5
Breckinridge	<5	<5	0	0	0
Bullitt	8	<5	10	5	<5
Butler	0	0	0	<5	0
Caldwell	0	0	<5	0	0

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Deaths were listed under all relevant drug categories. For example, a death involving benzodiazepines and heroin will be included here and on the heroin table.

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Kentucky Resident Overdose Deaths Involving Benzodiazepines					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Calloway	<5	0	<5	<5	<5
Campbell	9	5	9	<5	10
Carroll	0	<5	<5	0	0
Carter	<5	<5	<5	<5	5
Casey	<5	0	<5	<5	<5
Christian	<5	<5	0	0	<5
Clark	12	5	<5	<5	<5
Clay	8	6	<5	5	<5
Clinton	<5	5	<5	<5	<5
Crittenden	<5	0	0	0	<5
Cumberland	<5	0	0	<5	<5
Daviess	<5	<5	<5	<5	7
Edmonson	<5	0	0	<5	0
Elliott	0	<5	0	<5	0
Estill	<5	<5	<5	0	0
Fayette	21	24	23	29	32
Fleming	0	0	<5	<5	<5

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Kentucky Resident Overdose Deaths Involving Benzodiazepines					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Floyd	10	14	14	11	11
Franklin	<5	<5	5	6	6
Gallatin	<5	0	0	<5	<5
Garrard	<5	0	<5	<5	<5
Grant	<5	<5	<5	0	<5
Graves	0	0	0	0	<5
Grayson	5	<5	5	<5	5
Greenup	<5	7	5	0	0
Hancock	0	0	0	0	<5
Hardin	<5	<5	6	<5	9
Harlan	8	6	<5	6	<5
Harrison	<5	<5	<5	<5	7
Hart	<5	0	<5	<5	0
Henderson	6	0	<5	0	<5
Henry	0	<5	0	0	<5
Hickman	0	0	0	0	<5
Hopkins	0	<5	0	<5	<5

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Deaths were listed under all relevant drug categories. For example, a death involving benzodiazepines and heroin will be included here and on the heroin table.

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Kentucky Resident Overdose Deaths Involving Benzodiazepines					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Jackson	0	0	0	0	<5
Jefferson	40	49	36	34	71
Jessamine	<5	<5	<5	<5	5
Johnson	5	6	<5	<5	<5
Kenton	11	9	14	18	15
Knott	0	<5	<5	0	<5
Knox	8	<5	<5	11	7
Laurel	<5	<5	0	5	<5
Lawrence	5	<5	<5	<5	<5
Lee	0	<5	<5	<5	0
Leslie	6	<5	7	<5	<5
Letcher	8	<5	<5	<5	<5
Lewis	0	0	<5	0	0
Lincoln	<5	0	<5	<5	<5
Livingston	0	<5	<5	0	<5
Logan	<5	0	0	0	<5
Lyon	<5	0	0	0	0

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Kentucky Resident Overdose Deaths Involving Benzodiazepines					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Madison	16	7	8	9	9
Magoffin	<5	<5	0	<5	<5
Marion	<5	<5	<5	0	0
Marshall	<5	<5	<5	<5	<5
Martin	0	0	0	5	<5
Mason	<5	0	<5	<5	<5
McCracken	<5	<5	<5	<5	<5
McCreary	0	0	<5	<5	<5
McLean	0	<5	0	0	0
Meade	<5	<5	<5	<5	<5
Menifee	0	0	0	0	<5
Mercer	<5	<5	<5	<5	<5
Metcalfe	0	0	<5	0	<5
Monroe	<5	<5	<5	<5	<5
Montgomery	<5	0	<5	<5	<5
Morgan	0	<5	0	0	0
Muhlenberg	0	0	<5	<5	<5

Produced by the Kentucky Injury Prevention and Research Center, a bona fide agent for the Kentucky Department for Public Health. August 2017. Data source: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services.

Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving benzodiazepines and heroin will be included here and on the heroin table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Benzodiazepines					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Nelson	<5	<5	0	<5	<5
Nicholas	<5	0	0	0	0
Ohio	<5	<5	<5	<5	<5
Oldham	<5	<5	<5	<5	<5
Owen	0	<5	<5	0	<5
Owsley	<5	0	0	0	0
Pendleton	<5	<5	<5	<5	<5
Perry	6	6	7	<5	<5
Pike	13	11	16	13	7
Powell	5	<5	8	<5	<5
Pulaski	<5	<5	<5	<5	7
Robertson	0	0	0	0	<5
Rockcastle	6	<5	<5	<5	<5
Rowan	<5	<5	<5	<5	<5
Russell	5	5	11	<5	0
Scott	<5	<5	<5	<5	5
Shelby	<5	0	0	0	5

Produced by the Kentucky Injury Prevention and Research Center, a bona fide agent for the Kentucky Department for Public Health. August 2017. Data source: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services.

Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving benzodiazepines and heroin will be included here and on the heroin table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Benzodiazepines					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Simpson	0	0	<5	<5	0
Spencer	<5	<5	0	<5	<5
Taylor	8	<5	0	0	<5
Todd	<5	<5	0	0	0
Trigg	0	<5	0	<5	<5
Trimble	<5	0	0	0	<5
Union	0	<5	<5	0	<5
Warren	7	5	<5	5	<5
Washington	<5	0	0	<5	<5
Wayne	0	<5	<5	<5	0
Webster	0	0	0	0	<5
Whitley	8	<5	12	<5	<5
Woodford	<5	<5	<5	0	0
<b>Total</b>	<b>362</b>	<b>317</b>	<b>317</b>	<b>336</b>	<b>384</b>

Produced by the Kentucky Injury Prevention and Research Center, a bona fide agent for the Kentucky Department for Public Health. August 2017. Data source: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services.

Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving benzodiazepines and heroin will be included here and on the heroin table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



## Kentucky Resident Overdose Deaths Involving Fentanyl

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Adair	0	0	0	<5	0
Allen	<5	<5	0	<5	<5
Anderson	<5	<5	0	0	<5
Ballard	0	<5	0	0	<5
Barren	0	<5	0	0	0
Bath	0	0	0	0	<5
Bell	0	<5	<5	<5	<5
Boone	0	0	13	16	12
Bourbon	0	0	0	<5	<5
Boyd	<5	0	<5	5	9
Boyle	0	0	0	0	6
Bracken	0	0	0	<5	<5
Breathitt	0	0	0	<5	0
Breckinridge	<5	0	0	0	0
Bullitt	<5	0	<5	<5	<5
Calloway	0	0	0	<5	<5
Campbell	<5	0	10	13	25

Produced by the Kentucky Injury Prevention and Research Center, a bona fide agent for the Kentucky Department for Public Health. August 2017. Data source: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services.

Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.





Kentucky Resident Overdose Deaths Involving Fentanyl					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Carroll	0	0	<5	<5	0
Carter	0	0	<5	<5	<5
Casey	0	0	<5	0	<5
Clark	0	<5	<5	<5	<5
Clay	<5	<5	0	0	<5
Clinton	<5	<5	0	0	0
Daviess	0	0	0	<5	<5
Elliott	0	0	0	0	<5
Estill	0	0	0	0	<5
Fayette	<5	<5	14	48	57
Fleming	0	0	<5	<5	<5
Floyd	0	<5	<5	0	<5
Franklin	<5	0	0	<5	<5
Gallatin	0	0	0	6	<5
Garrard	0	0	0	<5	<5
Grant	0	0	<5	<5	7
Graves	0	0	<5	0	<5

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Fentanyl					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Grayson	<5	<5	<5	<5	<5
Green	0	0	0	0	<5
Greenup	0	<5	<5	<5	<5
Hardin	<5	0	0	<5	11
Harlan	0	<5	0	0	0
Harrison	0	0	<5	7	10
Henderson	<5	0	0	0	<5
Henry	0	0	0	<5	<5
Hopkins	0	<5	0	<5	<5
Jackson	0	0	0	<5	0
Jefferson	<5	<5	5	14	93
Jessamine	0	0	<5	<5	9
Johnson	0	0	<5	0	0
Kenton	<5	<5	20	35	22
Knox	0	<5	0	<5	0
Laurel	0	0	<5	<5	0
Lawrence	0	0	0	0	<5

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and benzodiazepines will be included here and on the benzodiazepines table.

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Numbers <5 were suppressed according to state data release policy.



## Kentucky Resident Overdose Deaths Involving Fentanyl

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Lee	0	<5	0	0	0
Leslie	<5	<5	<5	0	0
Lewis	0	0	0	<5	0
Lincoln	0	<5	0	0	<5
Livingston	0	0	0	0	<5
Logan	0	0	<5	0	0
Madison	<5	<5	<5	10	12
Magoffin	<5	0	0	0	0
Marion	0	0	0	0	<5
Marshall	0	<5	<5	0	<5
Martin	0	0	0	0	<5
Mason	0	0	0	<5	<5
McCracken	0	<5	<5	<5	0
McLean	0	<5	0	0	0
Meade	0	0	0	<5	<5
Mercer	0	0	<5	<5	<5
Metcalfe	0	0	0	<5	0

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and benzodiazepines will be included here and on the benzodiazepines table.

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Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Fentanyl					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Montgomery	0	0	<5	<5	<5
Morgan	0	0	<5	0	<5
Muhlenberg	0	<5	<5	0	0
Nelson	0	0	0	0	<5
Ohio	0	<5	0	0	0
Oldham	0	<5	0	<5	<5
Owen	0	0	<5	0	<5
Pendleton	0	0	<5	<5	<5
Perry	0	0	<5	0	<5
Pike	0	0	<5	<5	<5
Powell	0	0	<5	<5	<5
Pulaski	0	0	0	<5	<5
Rockcastle	0	<5	<5	0	<5
Rowan	0	0	0	<5	<5
Russell	0	<5	<5	<5	<5
Scott	0	0	<5	<5	7
Shelby	<5	0	0	5	6

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and benzodiazepines will be included here and on the benzodiazepines table.

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Kentucky Resident Overdose Deaths Involving Fentanyl					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Spencer	0	<5	0	0	<5
Taylor	0	0	<5	0	<5
Todd	0	<5	0	0	0
Trigg	0	0	0	<5	0
Union	0	0	<5	0	0
Warren	<5	0	<5	<5	<5
Whitley	<5	0	0	<5	0
Woodford	0	<5	<5	<5	<5
<b>Total</b>	<b>34</b>	<b>38</b>	<b>125</b>	<b>239</b>	<b>388</b>

Produced by the Kentucky Injury Prevention and Research Center, a bona fide agent for the Kentucky Department for Public Health. August 2017. Data source: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services.

Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving fentanyl and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



## Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Adair	<5	<5	<5	0	0
Allen	0	<5	<5	<5	<5
Anderson	<5	<5	0	5	5
Ballard	0	0	<5	<5	<5
Barren	<5	5	<5	<5	<5
Bath	<5	<5	<5	<5	<5
Bell	9	21	7	13	6
Boone	9	5	5	7	5
Bourbon	0	<5	0	<5	<5
Boyd	7	5	8	9	14
Boyle	0	0	<5	<5	<5
Bracken	0	0	0	<5	0
Breathitt	<5	0	<5	0	<5
Breckinridge	0	<5	0	<5	<5
Bullitt	5	6	5	<5	<5
Butler	0	<5	0	<5	0

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Caldwell	0	0	<5	<5	0
Calloway	<5	<5	<5	<5	<5
Campbell	17	7	11	<5	10
Carroll	0	0	<5	0	0
Carter	<5	5	<5	<5	<5
Casey	<5	0	<5	<5	<5
Christian	<5	<5	<5	0	<5
Clark	6	<5	<5	<5	<5
Clay	<5	<5	<5	5	<5
Clinton	<5	<5	<5	6	<5
Crittenden	<5	<5	0	0	0
Cumberland	0	0	0	<5	<5
Daviess	<5	14	5	6	7
Edmonson	<5	<5	0	<5	0
Elliott	0	0	0	<5	0
Estill	<5	<5	<5	<5	0

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



## Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Fayette	29	19	19	27	18
Fleming	0	0	<5	<5	<5
Floyd	11	14	17	15	11
Franklin	<5	5	<5	7	5
Gallatin	<5	<5	0	<5	<5
Garrard	<5	0	<5	<5	<5
Grant	5	<5	<5	0	6
Graves	0	<5	0	0	0
Grayson	5	<5	5	<5	<5
Green	0	0	<5	0	0
Greenup	<5	7	<5	<5	<5
Hancock	0	0	0	<5	<5
Hardin	<5	7	9	<5	10
Harlan	10	7	5	6	7
Harrison	<5	<5	<5	<5	7
Hart	0	<5	<5	<5	0

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

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Numbers <5 were suppressed according to state data release policy.





## Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Henderson	<5	<5	<5	<5	<5
Henry	<5	0	<5	0	<5
Hickman	0	0	0	<5	0
Hopkins	<5	11	<5	<5	6
Jackson	0	0	0	<5	<5
Jefferson	44	39	34	27	38
Jessamine	5	<5	<5	<5	<5
Johnson	7	7	<5	5	<5
Kenton	22	10	17	12	22
Knott	0	<5	<5	0	<5
Knox	10	5	<5	10	6
Larue	0	0	<5	0	0
Laurel	<5	<5	<5	5	5
Lawrence	5	<5	<5	<5	<5
Lee	0	<5	<5	5	0
Leslie	7	<5	7	<5	6

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Letcher	9	<5	<5	<5	<5
Lewis	<5	0	<5	<5	0
Lincoln	<5	<5	<5	<5	<5
Livingston	0	<5	<5	0	0
Logan	<5	<5	<5	0	<5
Lyon	0	0	<5	<5	0
Madison	17	9	16	11	8
Magoffin	<5	<5	0	<5	<5
Marion	<5	<5	<5	0	<5
Marshall	<5	6	<5	<5	5
Martin	<5	<5	<5	5	<5
Mason	<5	0	<5	<5	<5
McCracken	<5	7	8	<5	5
McCreary	<5	<5	<5	<5	0
McLean	<5	<5	0	0	0
Meade	<5	<5	<5	0	<5

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Menifee	0	<5	0	0	<5
Mercer	<5	<5	<5	<5	<5
Metcalfe	0	0	<5	0	<5
Monroe	<5	<5	<5	<5	<5
Montgomery	<5	<5	<5	6	5
Morgan	0	<5	0	0	0
Muhlenberg	0	5	<5	<5	<5
Nelson	<5	<5	0	<5	<5
Nicholas	<5	<5	0	0	0
Ohio	<5	<5	<5	5	<5
Oldham	<5	<5	<5	<5	<5
Owen	0	<5	<5	<5	0
Owsley	<5	<5	0	<5	0
Pendleton	<5	<5	<5	<5	<5
Perry	5	<5	8	7	5
Pike	16	12	15	14	12

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



## Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement

County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Powell	7	<5	9	5	<5
Pulaski	5	<5	<5	<5	<5
Rockcastle	7	<5	<5	<5	<5
Rowan	5	<5	<5	<5	<5
Russell	7	<5	9	<5	0
Scott	8	<5	<5	<5	6
Shelby	<5	0	0	<5	<5
Simpson	0	0	<5	<5	0
Spencer	<5	<5	0	<5	<5
Taylor	8	6	0	<5	<5
Todd	<5	0	<5	0	0
Trigg	0	<5	<5	<5	<5
Trimble	<5	<5	0	0	<5
Union	<5	<5	<5	<5	<5
Warren	6	6	<5	<5	8
Washington	<5	0	0	<5	0

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Counties are listed in alphabetical order. If a county name is absent from this list, no deaths were reported during this period.

Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

Data are provisional and subject to change.

Numbers <5 were suppressed according to state data release policy.



Kentucky Resident Overdose Deaths Involving Opioids Other than Heroin and Excluding Fentanyl Involvement					
County of Residence	Year of Death				
	2012	2013	2014	2015	2016
Wayne	0	<5	<5	<5	0
Webster	0	<5	<5	<5	<5
Whitley	12	7	14	9	<5
Wolfe	0	0	<5	0	0
Woodford	<5	<5	<5	<5	<5
<b>Total</b>	<b>436</b>	<b>384</b>	<b>365</b>	<b>383</b>	<b>375</b>

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Deaths were listed under all relevant drug categories. For example, a death involving an opioid and benzodiazepines will be included here and on the benzodiazepines table.

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Numbers <5 were suppressed according to state data release policy.

