



# North Carolina Overdose Surveillance Definitions

			Non-fatal Emergency Department & Hospitalization Data: Diagnosis Codes			Death Data: Cause of Death Codes		
Indicator	Case Definition	Intent	ICD-10-CM Codes (post-2015 years)		ICD-9-CM Codes (pre-2015 years)		ICD-10 Codes	
			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Any Poisoning Overdose</b>	Any poisoning overdose by medications, drugs, heavy metals, chemicals, or toxins	All	<b>T36-T65</b>	For T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, T49.9, 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, a 5th character; for all others, a 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of A or missing (reflects initial encounter, active treatment)	960-989: Poisoning by drugs, medicinals and biological substances, and gases	E850-E858, E860-E869: Unintentional E950-E952: Self-inflicted E962: Assault E980-E982: Undetermined E972: Legal Intervention by Gas E979.6-.7, E979.9: Terrorism	X40-X49: Unintentional X60-X69: Self-inflicted X85-90: Assault Y10-Y19: Undetermined	
		Unintentional	<b>T36-T65</b>	For T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, T49.9, 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, a 5th character; for all others, a 6th character of 1: Accidental (unintentional) 7th character of A or missing (reflects initial encounter, active treatment)		E850-E858, E860-E869: Accidental poisoning by drugs, medicinal substances, and biologicals, other solid and liquid substances, gases, and vapors	X40-X49: Unintentional	
		Self-Inflicted	<b>T36-T65</b>	For T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, T49.9, 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, a 5th character; for all others, a 6th character of 2: Intentional self-harm 7th character of A or missing (reflects initial encounter, active treatment)		E950-E952: Self-inflicted poisoning	X60-X69: Self-inflicted	
		Assault	<b>T36-T65</b>	For T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, T49.9, 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, a 5th character; for all others, a 6th character of 3: Assault 7th character of A or missing (reflects initial encounter, active treatment)		E962: Assault by poisoning	X85-90: Assault	
		Undetermined	<b>T36-T65</b>	For T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, T49.9, 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, a 5th character; for all others, a 6th character of 4: Undetermined intent; 7th character of A or missing (reflects initial encounter, active treatment)		E980-E982: Undetermined poisoning by solid or liquid substances, gases in domestic use, other gases	Y10-Y19: Undetermined	

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>



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			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Any Medication and Drug Overdose</b>	Any overdose by medications, drugs, or biological substances	All	<b>T36-T50</b>	For <b>T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9</b> , a 5th character; for all others, a 6th character of <b>1:</b> Accidental (unintentional) <b>2:</b> Intentional self-harm <b>3:</b> Assault <b>4:</b> Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<b>960-979:</b> Poisoning by drugs and medicinal, and biological substances	<b>E850-E858:</b> Unintentional <b>E950.0-E950.5:</b> Self-inflicted <b>E962.0:</b> Assault <b>E980.0-E980.5:</b> Undetermined	<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	
		Unintentional	<b>T36-T50</b>	For <b>T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9</b> , a 5th character; for all others, a 6th character of <b>1:</b> Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E850-E858:</b> Accidental poisoning by drugs, medicinal substances, and biologicals	<b>X40-X44:</b> Unintentional	
		Self-Inflicted	<b>T36-T50</b>	For <b>T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9</b> , a 5th character; for all others, a 6th character of <b>2:</b> Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E950.0-E950.5:</b> Self-inflicted poisoning by solid or liquid substance	X60-X64: Self-inflicted	
		Assault	<b>T36-T50</b>	For <b>T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9</b> , a 5th character; for all others, a 6th character of <b>3:</b> Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E962.0:</b> Assault by poisoning by drugs and medicinal substances	<b>X85:</b> Assault	
		Undetermined	<b>T36-T50</b>	For <b>T36.9, T37.9, T39.9, T41.4, T42.7, T43.9, T45.9, T47.9, and T49.9</b> , a 5th character; for all others, a 6th character of <b>4:</b> Undetermined intent 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E980.0-E980.5:</b> Undetermined poisoning by solid or liquid substances	<b>Y10-Y14:</b> Undetermined	

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			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Any Opioid Overdose</b>	Broadest category of opioid overdose; includes opium, prescription opioids, heroin, other synthetic narcotics, and other and unspecified narcotics	All	<b>T40.0-T40.4, T40.6</b>	A 6th character of <b>1:</b> Accidental (unintentional) <b>2:</b> Intentional self-harm <b>3:</b> Assault <b>4:</b> Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<b>965.0:</b> Poisoning by opiates and related narcotics	<b>E850.0-E850.2:</b> Unintentional poisoning by heroin, methadone, other opiates and related narcotics	<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.0:</b> Poisoning by opium <b>T40.1:</b> Poisoning by heroin <b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone <b>T40.4:</b> Poisoning by other synthetic narcotics <b>T40.6:</b> Poisoning by other and unspecified narcotics
		Unintentional	<b>T40.0-T40.4, T40.6</b>	A 6th character of <b>1:</b> Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E850.0-E850.2:</b> Unintentional poisoning by heroin, methadone, other opiates and related narcotics	<b>X40-X44:</b> Unintentional	<b>T40.0:</b> Poisoning by opium <b>T40.1:</b> Poisoning by heroin <b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone <b>T40.4:</b> Poisoning by other synthetic narcotics <b>T40.6:</b> Poisoning by other and unspecified narcotics
		Self-Inflicted	<b>T40.0-T40.4, T40.6</b>	A 6th character of <b>2:</b> Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.0:</b> Poisoning by opium <b>T40.1:</b> Poisoning by heroin <b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone <b>T40.4:</b> Poisoning by other synthetic narcotics <b>T40.6:</b> Poisoning by other and unspecified narcotics
		Assault	<b>T40.0-T40.4, T40.6</b>	A 6th character of <b>3:</b> Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.0:</b> Poisoning by opium <b>T40.1:</b> Poisoning by heroin <b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone <b>T40.4:</b> Poisoning by other synthetic narcotics <b>T40.6:</b> Poisoning by other and unspecified narcotics
		Undetermined	<b>T40.0-T40.4, T40.6</b>	A 6th character of <b>4:</b> Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.0:</b> Poisoning by opium <b>T40.1:</b> Poisoning by heroin <b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone <b>T40.4:</b> Poisoning by other synthetic narcotics <b>T40.6:</b> Poisoning by other and unspecified narcotics

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			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Commonly Prescribed Opioid Overdose</b>	Prescription opioid overdose; includes methadone and other prescription opioids	All	<b>T40.2-T40.3</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<b>965.02:</b> Poisoning by methadone <b>965.09:</b> Poisoning by other opiates and related narcotics	<b>E850.1-E850.2:</b> Unintentional poisoning by methadone, and other opiates and related narcotics	<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone
		Unintentional	<b>T40.2-T40.3</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E850.1-E850.2:</b> Unintentional poisoning by methadone, and other opiates and related narcotics	<b>X40-X44:</b> Unintentional	<b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone
		Self-Inflicted	<b>T40.2-T40.3</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone
		Assault	<b>T40.2-T40.3</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone
		Undetermined	<b>T40.2-T40.3</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.2:</b> Poisoning by other opioids <b>T40.3:</b> Poisoning by methadone

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			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Methadone Overdose</b>	Methadone overdose	All	<b>T40.3</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<b>965.02:</b> Poisoning by methadone	<b>E850.1:</b> Unintentional poisoning by methadone	<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.3:</b> Poisoning by methadone
		Unintentional	<b>T40.3</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E850.1:</b> Unintentional poisoning by methadone	<b>X40-X44:</b> Unintentional	<b>T40.3:</b> Poisoning by methadone
		Self-Inflicted	<b>T40.3</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.3:</b> Poisoning by methadone
		Assault	<b>T40.3</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.3:</b> Poisoning by methadone
		Undetermined	<b>T40.3</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.3:</b> Poisoning by methadone

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			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Other Synthetic Narcotic Overdose</b>	Other synthetic narcotic overdose; most cases due to illicitly manufactured fentanyl and fentanyl analogues, this category may also include prescription fentanyl and other synthetic narcotics like Tramadol	All	<b>T40.4</b>	A 6th character of <b>1:</b> Accidental (unintentional) <b>2:</b> Intentional self-harm <b>3:</b> Assault <b>4:</b> Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.4:</b> Poisoning by other synthetic narcotics
		Unintentional	<b>T40.4</b>	A 6th character of <b>1:</b> Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional	<b>T40.4:</b> Poisoning by other synthetic narcotics
		Self-Inflicted	<b>T40.4</b>	A 6th character of <b>2:</b> Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.4:</b> Poisoning by other synthetic narcotics
		Assault	<b>T40.4</b>	A 6th character of <b>3:</b> Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.4:</b> Poisoning by other synthetic narcotics
		Undetermined	<b>T40.4</b>	A 6th character of <b>4:</b> Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.4:</b> Poisoning by other synthetic narcotics

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			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Other Unspecified Narcotics Overdose</b>	Other and unspecified narcotics suspected to be primarily illicit opioid-related	All	<b>T40.6</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.6:</b> Poisoning by other synthetic narcotics
		Unintentional	<b>T40.6</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional	<b>T40.6:</b> Poisoning by other synthetic narcotics
		Self-Inflicted	<b>T40.6</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.6:</b> Poisoning by other synthetic narcotics
		Assault	<b>T40.6</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.6:</b> Poisoning by other synthetic narcotics
		Undetermined	<b>T40.6</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.6:</b> Poisoning by other synthetic narcotics

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			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Heroin Overdose</b>	Heroin overdose	All	<b>T40.1</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<b>965.01:</b> Poisoning by heroin	<b>E850.0:</b> Unintentional poisoning by heroin	<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.1:</b> Poisoning by heroin
		Unintentional	<b>T40.1</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E850.0:</b> Unintentional poisoning by heroin	<b>X40-X44:</b> Unintentional	<b>T40.1:</b> Poisoning by heroin
		Self-Inflicted	<b>T40.1</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.1:</b> Poisoning by heroin
		Assault	<b>T40.1</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.1:</b> Poisoning by heroin
		Undetermined	<b>T40.1</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.1:</b> Poisoning by heroin

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>





# North Carolina Overdose Surveillance Definitions

			Non-fatal Emergency Department & Hospitalization Data: Diagnosis Codes			Death Data: Cause of Death Codes		
Indicator	Case Definition	Intent	ICD-10-CM Codes (post-2015 years)		ICD-9-CM Codes (pre-2015 years)		ICD-10 Codes	
			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Any Stimulant Overdose</b>	Cocaine and other psychostimulant overdose such as methamphetamine, amphetamines, and ecstasy	All	<b>T40.5, T43.6</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.5:</b> Poisoning by cocaine <b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Unintentional	<b>T40.5, T43.6</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional	<b>T40.5:</b> Poisoning by cocaine <b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Self-Inflicted	<b>T40.5, T43.6</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.5:</b> Poisoning by cocaine <b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Assault	<b>T40.5, T43.6</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.5:</b> Poisoning by cocaine <b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Undetermined	<b>T40.5, T43.6</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.5:</b> Poisoning by cocaine <b>T43.6:</b> Poisoning by psychostimulants with abuse potential

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>



# North Carolina Overdose Surveillance Definitions

			Non-fatal Emergency Department & Hospitalization Data: Diagnosis Codes			Death Data: Cause of Death Codes		
Indicator	Case Definition	Intent	ICD-10-CM Codes (post-2015 years)		ICD-9-CM Codes (pre-2015 years)		ICD-10 Codes	
			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Cocaine Overdose</b>	Cocaine overdose	All	<b>T40.5</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T40.5:</b> Poisoning by cocaine
		Unintentional	<b>T40.5</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional	<b>T40.5:</b> Poisoning by cocaine
		Self-Inflicted	<b>T40.5</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T40.5:</b> Poisoning by cocaine
		Assault	<b>T40.5</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T40.5:</b> Poisoning by cocaine
		Undetermined	<b>T40.5</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T40.5:</b> Poisoning by cocaine

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>



# North Carolina Overdose Surveillance Definitions

			Non-fatal Emergency Department & Hospitalization Data: Diagnosis Codes				Death Data: Cause of Death Codes	
Indicator	Case Definition	Intent	ICD-10-CM Codes (post-2015 years)		ICD-9-CM Codes (pre-2015 years)		ICD-10 Codes	
			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Psychostimulant Overdose</b>	Overdose by psychostimulants with abuse potential; includes psychostimulants such as methamphetamine, adderall, ritalin, and ecstasy	All	<b>T43.6</b>	A 6th character of <b>1:</b> Accidental (unintentional) <b>2:</b> Intentional self-harm <b>3:</b> Assault <b>4:</b> Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<b>969.7:</b> Poisoning by psychostimulants	<b>E854.2:</b> Unintentional poisoning by psychostimulants	<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Unintentional	<b>T43.6</b>	A 6th character of <b>1:</b> Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E854.2:</b> Unintentional poisoning by psychostimulants	<b>X40-X44:</b> Unintentional	<b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Self-Inflicted	<b>T43.6</b>	A 6th character of <b>2:</b> Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Assault	<b>T43.6</b>	A 6th character of <b>3:</b> Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T43.6:</b> Poisoning by psychostimulants with abuse potential
		Undetermined	<b>T43.6</b>	A 6th character of <b>4:</b> Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T43.6:</b> Poisoning by psychostimulants with abuse potential

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>



# North Carolina Overdose Surveillance Definitions

			Non-fatal Emergency Department & Hospitalization Data: Diagnosis Codes			Death Data: Cause of Death Codes		
Indicator	Case Definition	Intent	ICD-10-CM Codes (post-2015 years)		ICD-9-CM Codes (pre-2015 years)		ICD-10 Codes	
			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Amphetamine Overdose</b>	Overdose by amphetamines such as methamphetamines, adderal, l and ritalin	All	<b>T43.62</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<i>No equivalent ICD9CM code.</i>		<i>No equivalent ICD10 code.</i>	
		Unintentional	<b>T43.62</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)				
		Self-Inflicted	<b>T43.62</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)				
		Assault	<b>T43.62</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)				
		Undetermined	<b>T43.62</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)				

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>



# North Carolina Overdose Surveillance Definitions

			Non-fatal Emergency Department & Hospitalization Data: Diagnosis Codes			Death Data: Cause of Death Codes		
Indicator	Case Definition	Intent	ICD-10-CM Codes (post-2015 years)		ICD-9-CM Codes (pre-2015 years)		ICD-10 Codes	
			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Benzodiazepine Overdose</b>	Benzodiazepine overdose; familiar names include Valium and Xanax	All	<b>T42.4</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)	<b>969.4:</b> Poisoning by benzodiazepine-based tranquilizers	<b>E853.2:</b> Unintentional poisoning by benzodiazepine-based tranquilizers	<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T42.4:</b> Poisoning by benzodiazepines
		Unintentional	<b>T42.4</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)		<b>E853.2:</b> Unintentional poisoning by benzodiazepine-based tranquilizers	<b>X40-X44:</b> Unintentional	<b>T42.4:</b> Poisoning by benzodiazepines
		Self-Inflicted	<b>T42.4</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T42.4:</b> Poisoning by benzodiazepines
		Assault	<b>T42.4</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T42.4:</b> Poisoning by benzodiazepines
		Undetermined	<b>T42.4</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T42.4:</b> Poisoning by benzodiazepines

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>



# North Carolina Overdose Surveillance Definitions

			Non-fatal Emergency Department & Hospitalization Data: Diagnosis Codes			Death Data: Cause of Death Codes		
Indicator	Case Definition	Intent	ICD-10-CM Codes (post-2015 years)		ICD-9-CM Codes (pre-2015 years)		ICD-10 Codes	
			Any Mention of Diagnosis (Dx)		Any Diagnosis (Dx)	External Cause (Ecode)	Primary Cause of Death (COD1)	Contributing Cause of Death (COD2-COD21)
<b>Antiepileptic Overdose</b>	Overdose by antiepileptic and sedative-hypnotic drugs; familiar names include Ambien and Gabapentin	All	<b>T42.6</b>	A 6th character of 1: Accidental (unintentional) 2: Intentional self-harm 3: Assault 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional <b>X60-X64:</b> Self-inflicted <b>X85:</b> Assault <b>Y10-Y14:</b> Undetermined	<b>T42.6:</b> Poisoning by antiepileptic and sedative-hypnotic drugs
		Unintentional	<b>T42.6</b>	A 6th character of 1: Accidental (unintentional) 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X40-X44:</b> Unintentional	<b>T42.6:</b> Poisoning by antiepileptic and sedative-hypnotic drugs
		Self-Inflicted	<b>T42.6</b>	A 6th character of 2: Intentional self-harm 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X60-X64:</b> Self-inflicted	<b>T42.6:</b> Poisoning by antiepileptic and sedative-hypnotic drugs
		Assault	<b>T42.6</b>	A 6th character of 3: Assault 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>X85:</b> Assault	<b>T42.6:</b> Poisoning by antiepileptic and sedative-hypnotic drugs
		Undetermined	<b>T42.6</b>	A 6th character of 4: Undetermined intent; 7th character of <b>A</b> or missing (reflects initial encounter, active treatment)			<b>Y10-Y14:</b> Undetermined	<b>T42.6:</b> Poisoning by antiepileptic and sedative-hypnotic drugs

Data sources: Emergency Department Data - The North Carolina Disease Event Tracking and Epidemiologic Tool (NCDETECT); Hospital Data - North Carolina Healthcare Association; Death Data - North Carolina State Center for Health Statistics, Vital Statistics, Death Certificate Data. For more information about the ICD-10-CM coding transition, please visit <https://www.injuryfreenc.ncdhhs.gov/DataSurveillance/ICD-10-Transition-1pg-Summary.pdf>