SUPPLEMENTARY TABLE: Syndrome definition description and chief complaint search terms, diagnosis codes, and negations included in syndrome definitions for emergency department visits for suspected suicide attempt*

Syndrome Definition (outcome)	Description of syndrome definition	Chief Complaint Search Terms	Diagnosis Codes[†]	Negations
CDC Suspected Suicide Attempt version 1	The suspected suicide attempt syndromic surveillance definition uses International Classification of Diseases, 9th Revision, Clinical Modification codes (ICD-9-CM), International Classification of Diseases, 10th Revision, Clinical Modification codes (ICD-10-CM), Systematized Nomenclature of Medicine (SNOMED) codes, and free text terms to detect visits related to a suicide attempt, self-directed and potentially injurious behavior with any intent to die as a result of the behavior, in emergency department and ambulatory healthcare settings.	Attempt, try or tried, intentional (in combination with the terms hang, kill, shoot, overdose, end life, or suicide)	E950, E951, E952, E953, E954, E955, E956, E957, E958, E959, T14.91, X71, X72, X73, X74, X75, X76, X77, X78, X79, X80, X81, X82, X83, T36.0X2, T36.1X2, T36.2X2, T36.3X2, T36.4X2, T36.5X2, T36.6X2, T36.7X2, T36.8X2, T37.0X2, T37.1X2, T37.2X2, T37.3X2, T37.4X2, T37.5X2, T37.8X2, T37.92, T38.0X2, T38.1X2, T38.2X2, T38.3X2, T38.4X2, T38.5X2, T38.6X2, T38.7X2, T38.802, T38.812, T38.892, T38.902, T38.992, T39.012, T39.092, T39.1X2, T39.2X2, T39.312, T39.392, T39.4X2, T39.8X2, T39.92, T40.0X2, T40.1X2, T40.2X2, T40.3X2, T40.4X2, T40.5X2, T40.602, T40.692, T40.7X2, T40.8X2, T40.902, T40.992, T41.0X2, T41.1X2, T41.202, T41.292, T41.3X2, T41.42, T41.5X2, T42.0X2, T42.1X2, T42.2X2, T42.3X2, T42.4X2, T42.5X2, T42.6X2, T42.72, T42.8X2, T43.012, T43.022, T43.1X2, T43.202, T43.212, T43.222, T43.292, T43.3X2, T43.4X2, T43.502, T43.592, T43.602, T43.612, T43.622, T43.632, T43.642, T43.692, T43.8X2, T43.92, T44.0X2, T44.1X2, T44.2X2, T44.3X2, T44.4X2, T44.5X2, T44.6X2, T44.7X2, T44.8X2, T44.902, T44.992, T45.0X2, T45.1X2, T45.2X2, T45.3X2, T45.4X2, T45.512, T45.522, T45.602, T45.612, T45.622, T45.692, T45.7X2, T45.8X2, T45.92, T46.0X2, T46.1X2, T46.2X2, T46.3X2, T46.4X2, T46.5X2, T46.6X2, T46.7X2, T46.8X2, T46.902, T46.992, T47.0X2, T47.1X2, T47.2X2, T47.3X2, T47.4X2, T47.5X2, T47.6X2, T47.7X2, T47.8X2, T47.92, T48.0X2, T48.1X2, T48.202, T48.292, T48.3X2, T48.4X2, T48.5X2, T48.6X2, T48.902, T48.992, T49.0X2, T49.1X2, T49.2X2, T49.3X2, T49.4X2, T49.5X2, T49.6X2, T49.7X2, T49.8X2, T49.92, T50.1X2, T50.2X2, T50.3X2, T50.4X2, T50.5X2, T50.6X2,	No attempt, unintentional, accidental, end of life, end of battery life, denies or denied or no in combination with the term self-harm, accident, homicide, RT or right SI (sacroiliac), denies or denied or no or not in combination with the following terms: any suicide ideation, current suicide ideation, suicide, current suicide, any suicide, or self-harm

			T50.7X2, T50.8X2, T50.A12, T50.A22, T50.A92, T50.B12, T50.B92, T50.Z12, T50.Z92, T50.902, T50.992, T51.0X2, T51.1X2, T51.2X2, T51.3X2, T51.8X2, T51.92, T52.0X2, T52.1X2, T52.2X2, T52.3X2, T52.4X2, T52.8X2, T52.92, T53.0X2, T53.1X2, T53.2X2, T53.3X2, T53.4X2, T53.5X2, T53.6X2, T53.7X2, T53.92, T54.0X2, T54.1X2, T54.2X2, T54.3X2, T54.92, T55.0X2, T55.1X2, T56.0X2, T56.1X2, T56.2X2, T56.3X2, T56.4X2, T56.5X2, T56.6X2, T56.7X2, T56.812, T56.892, T56.92, T57.0X2, T57.1X2, T57.2X2, T57.3X2, T57.8X2, T57.92, T58.02, T58.12, T58.2X2, T58.8X2, T58.92, T59.0X2, T59.1X2, T59.2X2, T59.3X2, T59.4X2, T59.5X2, T59.6X2, T59.7X2, T59.812, T59.892, T59.92, T60.0X2, T60.1X2, T60.2X2, T60.3X2, T60.4X2, T60.8X2, T60.92, T61.02, T61.12, T61.772, T61.782, T61.8X2, T61.92, T62.0X2, T62.1X2, T62.2X2, T62.8X2, T62.92, T63.002, T63.012, T63.022, T63.032, T63.042, T63.062, T63.072, T63.082, T63.092, T63.112, T63.122, T63.192, T63.2X2, T63.302, T63.312, T63.322, T63.332, T63.392, T63.412, T63.422, T63.432, T63.442, T63.452, T63.462, T63.482, T63.512, T63.592, T63.612, T63.622, T63.632, T63.692, T63.712, T63.792, T63.812, T63.822, T63.832, T63.892, T63.92, T64.02, T64.82, T65.0X2, T65.1X2, T65.212, T65.222, T65.292, T65.3X2, T65.4X2, T65.5X2, T65.6X2, T65.812, T65.822, T65.832, T65.892, T65.9, 82313006, 55554002, 287181000, 891003, 44301001, 53846008, 274228002, 86849004, 287182007, 287190007, 269725004, 287181000, 460991000124106, 59274003	

* Emergency department visits for suspected suicide attempt were identified by querying an National Syndromic Surveillance Program (NSSP) syndrome definition developed by CDC in partnership with state and local health departments.
† Also includes diagnosis codes with no period (e.g., "T659")