

## Reasons for High Emergency Department Use Among Patients With Common Mental Disorders or Substance-Related Disorders

### Les raisons expliquant le recours fréquent aux services d'urgence par les patients souffrant de troubles mentaux courants ou de troubles liés aux substances psychoactives

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#### APPENDIX 1. Codes for common MDs and SRDs according to ICD-10

Common MD diagnoses	International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Canada (ICD-10-CA)
Depressive disorders	F320–F323 (major depressive disorder, single episode); F328 (other depressive episodes); F329 (depressive episode, unspecified); F330–F334 (major depressive disorder, recurrent); F338 (other recurrent depressive disorders); F339 (recurrent depressive disorder, unspecified); F348 (other persistent mood [affective] disorders); F380, F381 (persistent mood [affective] disorder, unspecified); F388 (other specified mood [affective] disorders); F39 (unspecified mood [affective] disorders); F412 (mixed anxiety and depressive disorder)
Anxiety disorders	F40 (phobic anxiety disorders); F41 (other anxiety disorders); F42 (obsessive-compulsive disorder); F45 (somatoform disorders); F48 (other neurotic disorders); F93, F94 (disturbance of emotions specific to childhood and adolescence)
Adjustment disorders	F430 (acute stress reaction); F431 (post-traumatic stress disorder); F432 (adjustment disorders); F438 (other reactions to severe stress); F439 (reaction to severe stress, unspecified)
Attention deficit/hyperactivity disorder	F900; F901; F908; F909 (attention deficit/hyperactivity disorder)
SRD diagnoses	
Alcohol-related disorders	F101, F102 (alcohol abuse or dependence); F103, F104 (alcohol withdrawal); F105–F109, K700–K704, K709, G621, I426, K292, K852, K860, E244, G312, G721, O354 (alcohol-induced disorders); F100, T510, T511, T518, T519 (alcohol intoxication)
Cannabis-related disorders	F121, F122 (cannabis abuse or dependence); F123–F129 (cannabis-induced disorders); F120, T407 (cannabis intoxication)
Drug-related disorders other than cannabis	F111, F131, F141, F151, F161, F181, F191, F112, F132, F142, F152, F162, F182, F192 (drug abuse or dependence); F113–F114, F133–F134, F143–F144, F153–F154, F163–F164, F183–F184, F193–F194 (drug withdrawal); F115–F119, F135–F139, F145–F149, F155–F159, F165–F169, F185–F189, F195–F199 (drug-induced disorders); F110, F130, F140, F150, F160, F180, F190, T400–T406, T408, T409, T423, T424, T426, T427, T435, T436, T438, T439, T509, T528, T529 (drug intoxication)

Diagnoses identified were based on the tenth Canadian revision (ICD-10-CA) (CIHI 2022), using the hospital database (MED-ECHO: maintenance et exploitation des données pour l'étude de la clientèle hospitalière) and the emergency department (ED) database (BDCU: banque de données communes des urgences) (Institut de la statistique du Québec n.d.; Institut national de santé publique du Québec n.d.). MD and SRD diagnoses related to these two databases were considered, and data integrated for the 12 months preceding patient interview, for each patient. MED-ECHO is the only database that includes several diagnoses: principal diagnosis and numerous secondary diagnoses. In the databases used in this study, MDs were considered only as principal diagnoses, but SRDs as both principal and secondary diagnoses, considering that SRD is often underdiagnosed.

MD = mental disorder; SRD = substance-related disorder.