

Supplementary Table. Principal diagnoses in prisoners admitted for psychiatric care in UHSAs, general psychiatric hospitals, UMDs and SMPRs (France, 2016).

UHSA: unité hospitalière spécialement aménagée (“specially equipped hospital units”); UMD: unité pour malades difficiles (“units for difficult patients”); SMPR: service médico-psychologique régional (“regional medical-psychological services”).

<i>ICD-10-coded principal diagnosis</i>	<i>All (n=4392)</i>		<i>UHSAs (n=1944)</i>		<i>General psychiatric hospitals (n=1787)*</i>		<i>UMDs (n=97)</i>		<i>SMPRs (n=1465)</i>	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
F20-29 Schizophrenia, schizotypal and delusional disorders	1373	31.3	815	41.9	566	31.7	73	75.3	401	27.4
F20 Schizophrenia	911	20.7	547	28.1	371	20.8	56	57.7	287	19.6
F21-29 Nonorganic psychotic disorders	462	10.6	268	13.8	195	10.9	17	17.5	114	7.8
F21 Schizotypal disorder	27	0.6	9	0.5	13	0.7	1	1.0	11	0.8
F22 Persistent delusional disorders	117	2.7	65	3.3	57	3.2	6	6.2	20	1.4
F23 Acute and transient psychotic disorders	139	3.2	77	4.0	68	3.8	4	4.1	28	1.9
F25 Schizoaffective disorders	86	2.0	65	3.3	31	1.7	4	4.1	18	1.2
F28 Other nonorganic psychotic disorders	16	0.4	5	0.3	4	0.2	-	-	7	0.1
F29 Unspecified nonorganic psychosis	77	1.8	47	2.4	22	1.2	2	2.1	30	2.1
F30-39 Mood disorders	617	14.1	371	19.1	277	15.5	9	9.3	146	10.0
F30-31 Bipolar affective disorder	159	3.6	104	5.4	78	4.4	4	4.1	35	2.4
F32-39 Depressive disorder	458	10.4	267	13.7	199	11.1	5	5.2	111	7.6
F40-48 Neurotic, stress-related and somatoform disorders	792	18.0	378	19.4	390	21.8	5	5.2	215	14.7
F60-69 Disorders of adult personality and behaviour	1004	22.9	494	25.4	476	26.6	19	19.6	318	21.7
F10-19 Mental and behavioural disorders due to psychoactive substance use	344	7.8	120	6.2	130	7.3	4	4.1	169	11.6
F10 due to use of alcohol	105	2.4	24	1.2	43	2.4	1	1.0	62	4.2
F11 due to use of opioids	74	1.7	29	1.5	18	1.0	1	1.0	38	2.6
F12 due to use of cannabinoids	69	1.6	42	2.2	31	1.7	2	2.1	21	1.4
F19 due to multiple drug use and use of other psychoactive substances	79	1.8	24	1.2	28	1.6	-	-	43	2.9
F00-09 Organic (including symptomatic) mental disorders	27	0.6	17	0.9	12	0.7	-	-	4	0.3
F70-79 Mental retardation	42	1.0	20	1.0	15	0.8	-	-	23	1.6
F90-98 Behavioural and emotional disorders with onset usually occurring in childhood and adolescence	34	0.8	13	0.7	17	1.0	-	-	12	0.8
F91 Conduct disorders	14	0.3	9	0.5	4	0.2	-	-	5	0.3
F84 Pervasive developmental disorders	20	0.5	7	0.4	11	0.6	-	-	5	0.3
F99 Unspecified mental disorder	22	0.5	1	0.1	20	1.1	4	4.1	2	0.1
No psychiatric disorder as principal diagnosis	667	15.2	131	6.8	218	12.2	3	3.1	339	23.1

* excluding UMD units

Comment: The principal diagnosis was a psychiatric disorder for most of the patients (n=3725, 85%). Of these patients, 3230 (87%) had only one principal diagnosis. For patients with multiple stays, principal diagnoses diverged, with 2 principal diagnoses for 449 patients and 3 principal diagnoses for 46 patients. The main diverging diagnoses were psychotic disorders (F20-F29), where personality disorders (F60-F69) were diagnosed for 101 patients, anxiety disorders (F40-F48) with personality disorders (F60-F69) for 90 patients, mood disorders (F30-F39) with personality disorders (F60-F69) for 73 patients, mood disorders (F30-F39) with anxiety disorders (F40-F48) for 66 patients and psychotic disorders (F20-F29) with anxiety disorders (F40-F48) for 65 patients. Among patients with no psychiatric diagnosis, 25% (n=167) had no diagnosis noted at all, 33% (n=222) had ICD-10 code Z651 *"Problems related to other psychosocial circumstances (Imprisonment and other incarceration)"*, 22% (n=146) had ICD-10 code Z004 *"General psychiatric examination, not elsewhere classified"*, and 20% (n=132) had another ICD-10 code.

Supplementary Figure. Percentage of psychiatric hospitalisations for inmates in *unités hospitalières spécialement aménagées* (UHSA; “specially equipped hospital units”) per French department in 2016.

Percentage for a department= number of psychiatric hospitalisations in UHSAs for inmates / number of full-time psychiatric hospitalisations for inmates.

NA: fewer than 5 hospitalisations from prisons located in the department or no prison located in the department

