

APPENDIX 16D - SAFER PRESCRIBING TOXICITY DATA

Drug class

HAUKKA2009	Suicide mortality (a)	Person years using antidepressant (b)	FTI - Fatal toxicity index (a divided by b)	FTI * 1,000,000 (per 1,000,000)
SSRI	123	139710	0.00088	880
TCA	10	7710	0.001297	1300

HAWTON2010	death rate per 100,000 (a)	prescription rate per 100,000 (b)	FTI - Fatal toxicity index (a divided by b)	FTI * 1,000,000 (per 1,000,000)
SSRI	0.0261	28437	9.18E-07	0.92
TCA	0.3338	17717	1.88E-05	18.84

HAWTON2010	death rate per 100,000 (a)	Self-poisoning rate per 100,000 (b)	CFI - Case fatality index (a divided by b)	CTI * 1,000,000 (per 1,000,000)
SSRI	0.0261	49.8	0.000524	524.10
TCA	0.3338	24.14	0.013828	13827.67

HAUKKA2009	Suicide mortality (a)	Person years using antidepressant (b)	FTI - Fatal toxicity index (a divided by b)	FTI * 1,000,000 (per 1,000,000)
SSRI-Sertraline	10	14624	0.000684	683.81
SSRI-Citalopram	53	68041	0.000779	778.94
SSRI-Paroxetine	13	12839	0.001013	1012.54
SSRI-Fluoxetine	28	27502	0.001018	1018.11
TCA-Amitriptyline	6	5223	0.001149	1148.77
SSRI-Fluvoxamine	5	3176	0.001574	1574.31
Tetracyclic antidepressant (TeCA)-Mianserin	3	1870	0.001604	1604.28
Monoamine oxidase inhibitors (MAOI)- Moclobemide	4	2469	0.00162	1620.09
Serotonin-Norepinephrine Reuptake Inhibitors(SNRI)- Venlafaxine	6	3592	0.00167	1670.38
Noradrenergic and	36	14270	0.002523	2522.78

specific serotonergic antidepressant (NaSSA)- Mirtazapine				
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Individual drug

HAWTON2010	death rate per 100,000 (a)	prescription rate per 100,000 (b)	FTI - Fatal toxicity index (a divided by b)	FTI * 1,000,000 (per 1,000,000)
SSRI-Fluvoxamine	0	47	0	0
SSRI-Paroxetine	0.0031	6222	4.98232E-07	0.50
SSRI-Fluoxetine	0.0052	9536	5.45302E-07	0.55
SSRI-Sertraline	0.0025	3682	6.78979E-07	0.68
SSRI-Citalopram	0.0154	8950	1.72067E-06	1.72
NaSSA- Mirtazapine	0.0055	1529	3.59712E-06	3.6
SNRI-Venlafaxine	0.0255	4814	5.29705E-06	5.30
TCA-nortriptyline	0.0015	155	9.67742E-06	9.68
TCA-Amitriptyline	0.1211	10606	1.14181E-05	11.42
TCA-imipramine	0.0077	617	1.24797E-05	12.48
TCA-clomipramine	0.012	849	1.41343E-05	14.13
TCA-trimipramine	0.004	267	1.49813E-05	14.98
TCA-doxepin	0.0067	240	2.79167E-05	27.92
TCA-dosulepin	0.1807	4984	3.6256E-05	36.26

HAWTON2010	death rate per 100,000 (a)	Self-poisoning rate per 100,000 (b)	CFI - Case fatality index (a divided by b)	CFI * 1,000,000 (per 1,000,000)
SSRI-Fluvoxamine	0	0.26	0	0
SSRI-Paroxetine	0.0031	11.13	0.000279	278.53
SSRI-Fluoxetine	0.0052	17.71	0.000294	293.62
SSRI-Sertraline	0.0025	6.31	0.000396	396.20
SSRI-Citalopram	0.0154	14.39	0.00107	1070.19
NaSSA-Mirtazapine	0.0055	2.98	0.001846	1845.64
SNRI-Venlafaxine	0.0255	10.17	0.002507	2507.38
TCA-Amitriptyline	0.1211	14.09	0.008595	8594.75
TCA-nortriptyline	0.0015	0.14	0.010714	10714.29
TCA-clomipramine	0.012	0.96	0.0125	12500
TCA-imipramine	0.0077	0.6	0.012833	12833.33
TCA-trimipramine	0.004	0.28	0.014286	14285.71
TCA-doxepin	0.0067	0.3	0.022333	22333.33
TCA-dosulepin	0.1807	7.77	0.023256	23256.11