

APPENDIX 16C: TOXICITY DATA

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1.1 DRUG CLASS

HAUKKA2009	Suicide mortality (a)	Person years using antidepressant (b)	Fatal toxicity index (FTI) ([a] divided by [b])	FTI * 1,000,000 (per 1,000,000)
SSRI	123	139,710	0.00088	880
TCA	10	7,710	0.001297	1300

Note. SSRI = selective serotonin reuptake inhibitor; TCA = tricyclic antidepressant

HAWTON2010	Death rate per 100,000 (a)	Prescription rate per 100,000 (b)	FTI ([a] divided by [b])	FTI * 1,000,000 (per 1,000,000)
SSRI	0.0261	28,437	9.18E-07	0.92
TCA	0.3338	17,717	1.88E-05	18.84

Note. SSRI = selective serotonin reuptake inhibitor; TCA = tricyclic antidepressant

HAWTON2010	Death rate per 100,000 (a)	Self-poisoning rate per 100,000 (b)	Case fatality index (CFI) ([a] divided by [b])	CFI * 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

Note. SSRI = selective serotonin reuptake inhibitor; TCA = tricyclic antidepressant

1.2 INDIVIDUAL DRUG

HAUKKA2009	Suicide mortality (a)	Person years using antidepressant (b)	FTI ([a] divided by [b])	FTI * 1,000,000 (per 1,000,000)
SSRI - sertraline	10	14,624	0.000684	683.81
SSRI - citalopram	53	68,041	0.000779	778.94
SSRI - paroxetine	13	12,839	0.001013	1012.54
SSRI - fluoxetine	28	27,502	0.001018	1018.11
TCA - amitriptyline	6	5,223	0.001149	1148.77
SSRI - fluvoxamine	5	3,176	0.001574	1574.31
Tetracyclic antidepressant - mianserin	3	1,870	0.001604	1604.28
MAOI - moclobemide	4	2,469	0.00162	1620.09
SNRI - venlafaxine	6	3,592	0.00167	1670.38
NaSSA - mirtazapine	36	14,270	0.002523	2522.78

Note. SSRI = selective serotonin reuptake inhibitor; TCA = tricyclic antidepressant; MAOI = monoamine oxidase inhibitor; SNRI = serotonin norepinephrine reuptake inhibitor; NaSSA = noradrenergic and specific serotonergic antidepressant.

HAWTON2010	Death rate per 100,000 (a)	Prescription rate per 100,000 (b)	FTI ([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

Note. SSRI = selective serotonin reuptake inhibitor; TCA = tricyclic antidepressant; SNRI = serotonin norepinephrine reuptake inhibitor; NaSSA = noradrenergic and specific serotonergic antidepressant.

HAWTON2010	Death rate per 100,000 (a)	Self-poisoning rate per 100,000 (b)	CFI ([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

Note. SSRI = selective serotonin reuptake inhibitor; TCA = tricyclic antidepressant; SNRI = serotonin norepinephrine reuptake inhibitor; NaSSA = noradrenergic and specific serotonergic antidepressant.