

Supplementary Table 1^Y: Number of individual drug poisoning deaths, with breakdown of age group and drugs involved, by sex, NDRDI 2004 to 2017

	2004 to 2008 n (%)				2009 to 2013 n (%)				2014 to 2017 n (%)			
	Men	Women	Total	% of total	Men	Women	Total	% of total	Men	Women	Total	% of total
All drug poisoning deaths	1145 (68.8)	520 (31.2)	1665		1315 (71.3)	529 (28.7)	1844		1022 (68.9)	462 (31.1)	1484	
Age Groups												
13 to 24 years of age	208 (80.9)	49 (19.1)	257	15.4	155 (81.2)	36 (18.8)	191	10.4	77 (80.2)	19 (19.8)	96	6.5
25 to 34 years of age	351 (77.8)	100 (22.2)	451	27.1	403 (79.8)	102 (20.2)	505	27.4	239 (74.9)	80 (25.1)	319	21.5
35 to 44 years of age	264 (70.8)	109 (29.2)	373	22.4	336 (76.9)	101 (23.1)	437	23.7	335 (72.0)	130 (28.0)	465	31.3
45 to 54 years of age	192 (60.4)	126 (39.6)	318	19.1	232 (63.7)	132 (36.3)	364	19.7	209 (70.6)	87 (29.4)	296	19.9
55 or more years of age	130 (48.9)	136 (51.1)	266	16.0	189 (54.5)	158 (45.5)	347	18.8	162 (52.6)	146 (47.4)	308	20.8
Polydrugs (≥2 drugs) involved in the death												
Yes	511 (66.5)	257 (33.5)	768	46.1	720 (70.0)	309 (30.0)	1029	55.8	614 (66.7)	306 (33.3)	920	62.0
No	634 (70.7)	263 (29.3)	897	53.9	595 (73.0)	220 (27.0)	815	44.2	408 (72.3)	156 (27.7)	564	38.0
CNS depressant drugs involved in the death												
Yes	915 (69.1)	409 (30.9)	1324	79.5	1122 (72.6)	424 (27.4)	1546	83.8	847 (68.8)	384 (31.2)	1231	83.0
No	230 (67.4)	111 (32.6)	341	20.5	193 (64.8)	105 (35.3)	298	16.2	175 (69.2)	78 (30.8)	253	17.0
Breakdown of CNS depressants drugs												
<i>Opioids (prescription (63%), heroin (37%))</i>	627 (75.0)	209 (25.0)	836	63.1	841 (77.0)	251 (23.0)	1092	70.6	667 (71.3)	268 (28.7)	935	76.0
<i>Alcohol</i>	451 (65.9)	233 (34.1)	684	51.7	512 (72.3)	196 (27.7)	708	45.8	351 (70.6)	146 (29.4)	497	40.4
<i>Benzodiazepines</i>	275 (65.5)	145 (34.5)	420	31.7	490 (72.3)	188 (27.7)	678	43.9	409 (68.2)	191 (31.8)	600	48.7
<i>Z-Drugs</i>	28 (56.0)	22 (44.0)	50	3.8	102 (65.4)	54 (34.6)	156	10.1	160 (57.6)	118 (42.4)	278	22.6
<i>Pregabalin</i>	0	0	0		9 (40.9)	13 (59.1)	22	7.4	97 (52.2)	89 (47.8)	186	73.5
2 or more CNS depressant drugs involved												
Yes	379 (68.3)	176 (31.7)	555	33.3	595 (73.5)	215 (26.5)	810	43.9	517 (67.4)	250 (32.6)	767	51.7
No	766 (69.0)	344 (31.0)	1110	66.7	720 (69.6)	314 (30.4)	1034	56.1	505 (70.4)	212 (29.6)	717	48.3
Breakdown of ≥2 CNS depressants drugs												
<i>Opioids (prescription (63%), heroin (37%))</i>	365 (74.8)	123 (25.2)	488	87.9	616 (78.2)	172 (21.8)	788	97.3	539 (71.1)	219 (28.9)	758	98.8
<i>Benzodiazepines</i>	261 (66.6)	131 (33.4)	392	70.6	473 (73.3)	172 (26.7)	645	79.6	398 (68.6)	182 (31.4)	580	75.6
<i>Alcohol</i>	193 (64.8)	105 (35.2)	298	53.7	236 (73.5)	85 (26.5)	321	39.6	174 (68.8)	79 (31.2)	253	33.0
<i>Z-Drugs</i>	26 (60.5)	17 (39.5)	43	7.7	89 (63.6)	51 (36.4)	140	17.3	147 (56.8)	112 (43.2)	259	33.8
<i>Pregabalin</i>	0	0	0		8 (38.1)	13 (61.9)	21	2.0	90 (51.1)	86 (48.9)	176	24.5
Rx Opioids	346 (66.5)	174 (33.5)	520	31.2	481 (69.7)	209 (30.3)	690	37.4	384 (63.7)	219 (36.3)	603	40.6
Most commonly												
Methadone	206 (73.6)	74 (26.4)	280	53.8	332 (77.8)	95 (22.2)	427	61.9	270 (68.4)	125 (31.6)	395	65.5
Codeine	28 (47.5)	31 (52.5)	59	11.3	58 (54.7)	48 (45.3)	106	15.4	33 (44.0)	42 (56.0)	75	12.4
Tramadol	19 (42.2)	26 (57.8)	45	8.7	54 (53.5)	47 (46.5)	101	14.6	49 (54.4)	41 (45.6)	90	14.9
Fentanyl*	~	0	~		~	~	6	0.9	15 (60.0)	10 (40.0)	25	4.1

Polydrug deaths (67.5% involved benzodiazepines)	243 (65.5)	128 (34.5)	371	71.3	410 (70.7)	170 (29.3)	580	84.1	336 (63.2)	196 (36.8)	532	88.2
Benzodiazepines	275 (65.5)	145 (34.5)	420	25.2	490 (72.3)	188 (27.7)	678	36.8	409 (68.2)	191 (31.8)	600	40.4
Most commonly												
Diazepam	177 (67.3)	86 (32.7)	263	62.6	375 (77.0)	112 (23.0)	487	71.8	300 (71.9)	117 (28.1)	417	69.5
Flurazepam	57 (60.0)	38 (40.0)	95	22.6	112 (64.7)	61 (35.3)	173	25.5	96 (64.9)	52 (35.1)	148	24.7
Alprazolam	9 (90.0)	1	10	2.4	76 (69.7)	33 (30.3)	109	16.1	137 (67.2)	67 (32.8)	204	34.0
Polydrug deaths (60% involved Rx Opioids)	268 (65.4)	142 (34.6)	410	97.6	485 (73.6)	174 (26.4)	659	97.2	405 (68.2)	189 (31.8)	594	99.0
Antidepressants	129 (51.0)	124 (49.0)	253	15.2	190 (49.4)	195 (50.6)	385	20.9	181 (51.0)	174 (49.0)	355	23.9
Most commonly												
Citalopram	30 (44.1)	38 (55.9)	68	26.9	61 (55.0)	50 (45.0)	111	28.8	38 (51.4)	36 (48.6)	74	20.8
Amitriptyline	31 (55.4)	25 (44.6)	56	22.1	28 (37.3)	47 (62.7)	75	19.5	43 (52.4)	39 (47.6)	82	23.1
Venlafaxine	17 (63.0)	10 (37.0)	27	10.7	22 (44.9)	27 (55.1)	49	12.7	16 (40.0)	24 (60.0)	40	11.3
Polydrug deaths (61% involved benzodiazepines)	106 (50.2)	105 (49.8)	211	83.4	174 (51.8)	162 (48.2)	336	87.3	164 (51.4)	155 (48.6)	319	89.9
Alcohol	451 (65.9)	233 (34.1)	684	41.1	512 (72.3)	196 (27.7)	708	38.4	351 (70.6)	146 (29.4)	497	33.5
Polydrug deaths (30% involved benzodiazepines)	225 (64.7)	123 (35.3)	348	50.9	265 (71.8)	104 (28.2)	369	52.1	195 (69.6)	85 (30.4)	280	56.3
Cocaine	195 (83.0)	40 (17.0)	235	14.1	131 (84.0)	25 (16.0)	156	8.5	142 (77.6)	41 (22.4)	183	12.3
Polydrug deaths (54% involved benzodiazepines)	126 (82.4)	27 (17.6)	153	65.1	119 (83.8)	23 (16.2)	142	91.0	125 (76.7)	38 (23.3)	163	89.1
Heroin	281 (88.9)	35 (11.1)	316	19.0	360 (89.6)	42 (10.4)	402	21.8	283 (85.2)	49 (14.8)	332	22.4
Polydrug deaths (65% involved benzodiazepines)	178 (87.3)	26 (12.7)	204	64.6	241 (87.3)	35 (12.7)	276	68.7	232 (85.6)	39 (14.4)	271	81.6

~ = value less than 5

* Although fentanyl is not one of the main prescription opioid drugs involved in drug poisoning deaths in Ireland, data displayed for information purposes

† This is a multi-response analysis taking into account up to six drugs implicated in any one death, therefore individual rows will not equal totals.