

Drug-related deaths and deaths among drug users in Ireland 1998 to 2007

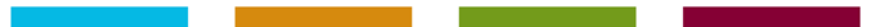


Simone Walsh, Ena Lynn, Suzi Lyons



National Drug-Related Deaths Index

- Background
- Role of the NDRDI
- Type of data collected
- Findings of the Index (1998 to 2007)
- How the data is used.





Background and Aims

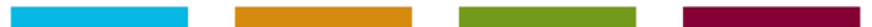
- Comply with Action 67 of the National Drug Strategy (2001 to 2008)
- Funded by Dept of Health and Children & Dept Justice, Equality and Law Reform
- To allow the State to respond in a timely manner with accurate data on drug-related mortality and to monitor and evaluate any actions taken
- Comply with European requirements





Data Sources

- Coronial files
- Hospital Inpatient Inquiry Scheme (HIPE)
- Central Treatment List (CTL)
- General Mortality Register (GMR)





Type of data collected

- Demographics
- Socioeconomic
- History of drug and alcohol use
- History of imprisonment
- Treatment
- Toxicology





Findings of the National Drug-Related Deaths Index (1998-2007)





Table 1 All Drug-Related Deaths (Poisoning and Non-poisoning) 1998 to 2007 NDRDI n= 3445

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
All deaths	242	271	261	277	338	297	365	447	491	476
Poisoning (n=2120)	178	187	182	178	211	185	207	248	270	274
Non-poisoning (n=1345)	64	84	79	99	127	112	158	199	221	202





Poisonings





Figure 1 Poisoning Deaths by Gender, By Year
1998-2007 NDRDI n = 2,120

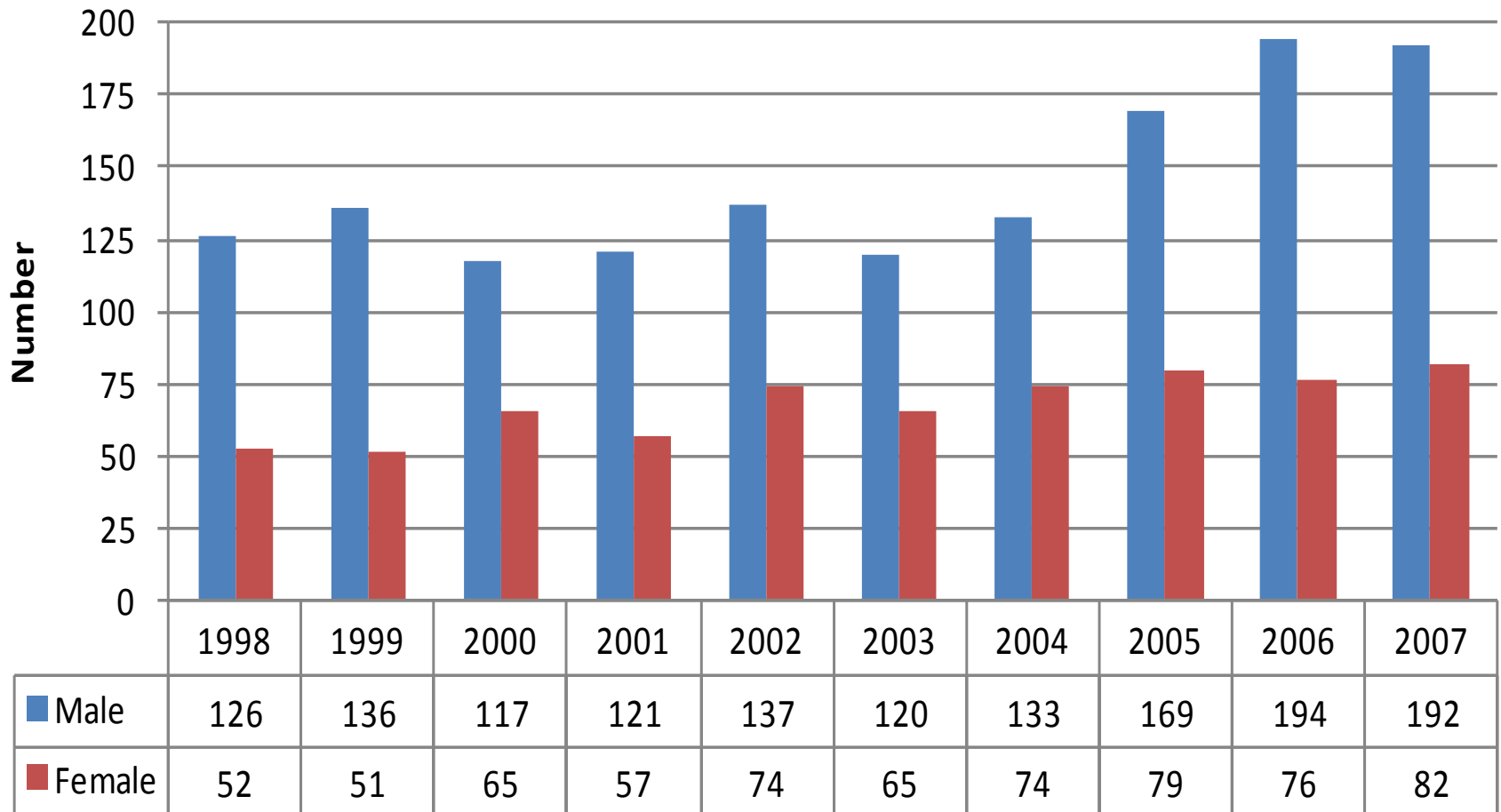




Figure 2 Poisoning Age Breakdown

NDRDI 1998-2007 n= 2,120

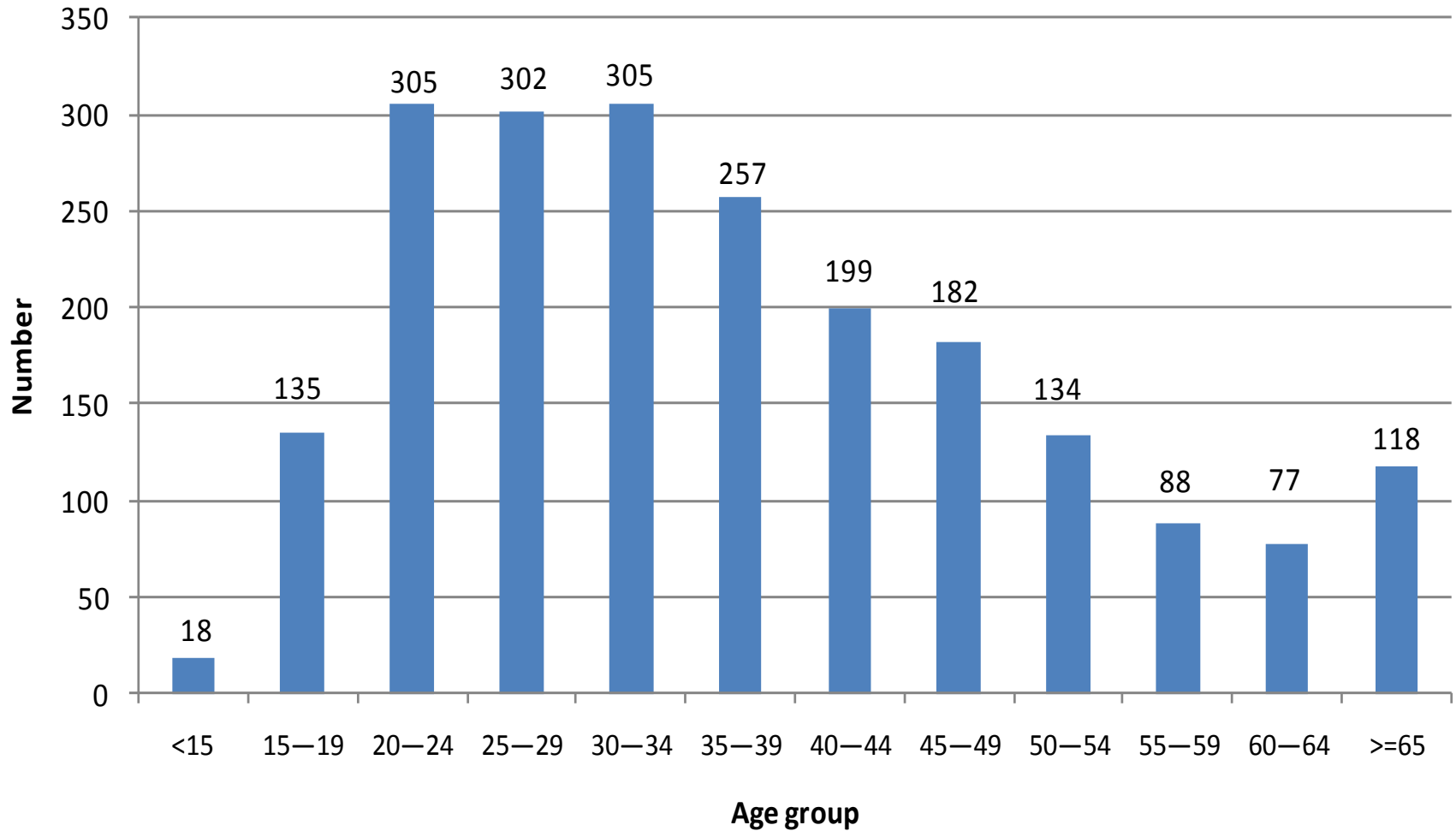




Figure 3 Single and Polysubstance Poisoning Deaths

NDRDI 1998-2007 n= 2,120

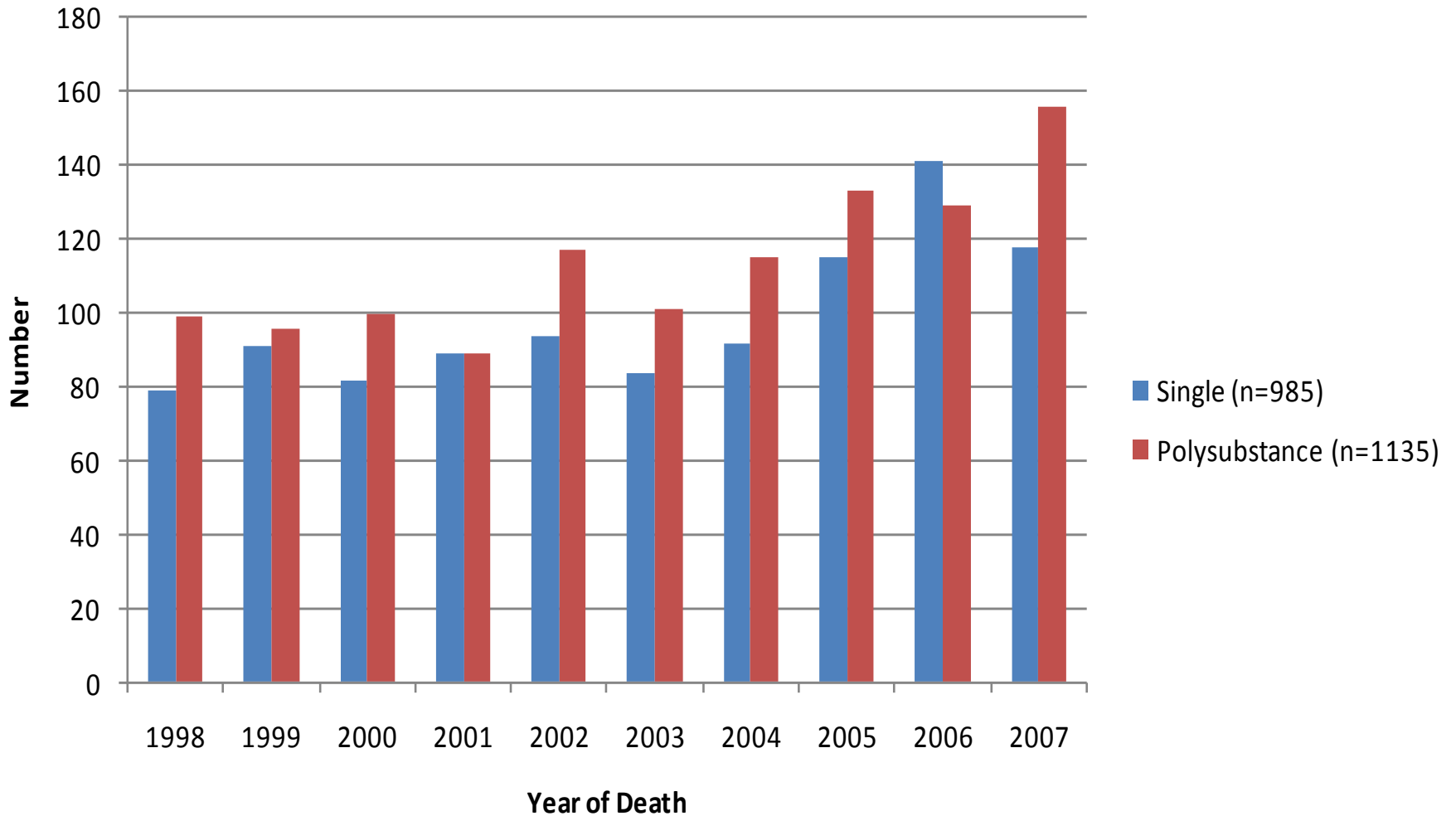




Table 2 Drugs involved in Poisoning deaths NDRDI 1998-2007 n=2,120





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Heroin	29	48	37	48	46	28	29	48	66	63	442	20.8
Methadone	43	37	40	28	39	34	40	43	60	50	414	19.5
Other opiates†	39	35	45	54	47	48	65	67	55	55	510	24.1
Cocaine	5	5	5	8	14	10	19	36	52	63	217	10.2
MDMA	4	8	8	6	10	11	13	10	6	11	87	4.1
Benzodiazepines	78	72	73	55	71	62	76	80	113	113	793	37.4
Alcohol‡	35	43	38	38	57	49	63	65	53	77	518	24.4
Antidepressants	32	34	41	40	47	44	51	54	43	40	426	20.1
Other prescription drug§	38	37	35	18	33	37	41	37	39	60	375	17.7
Non-opiate analgesics	12	17	11	16	16	11	12	22	13	16	146	6.9
Other¶	14	17	13	13	21	14	9	21	21	24	167	7.9





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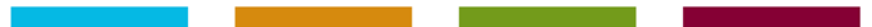




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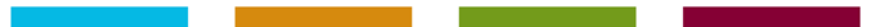
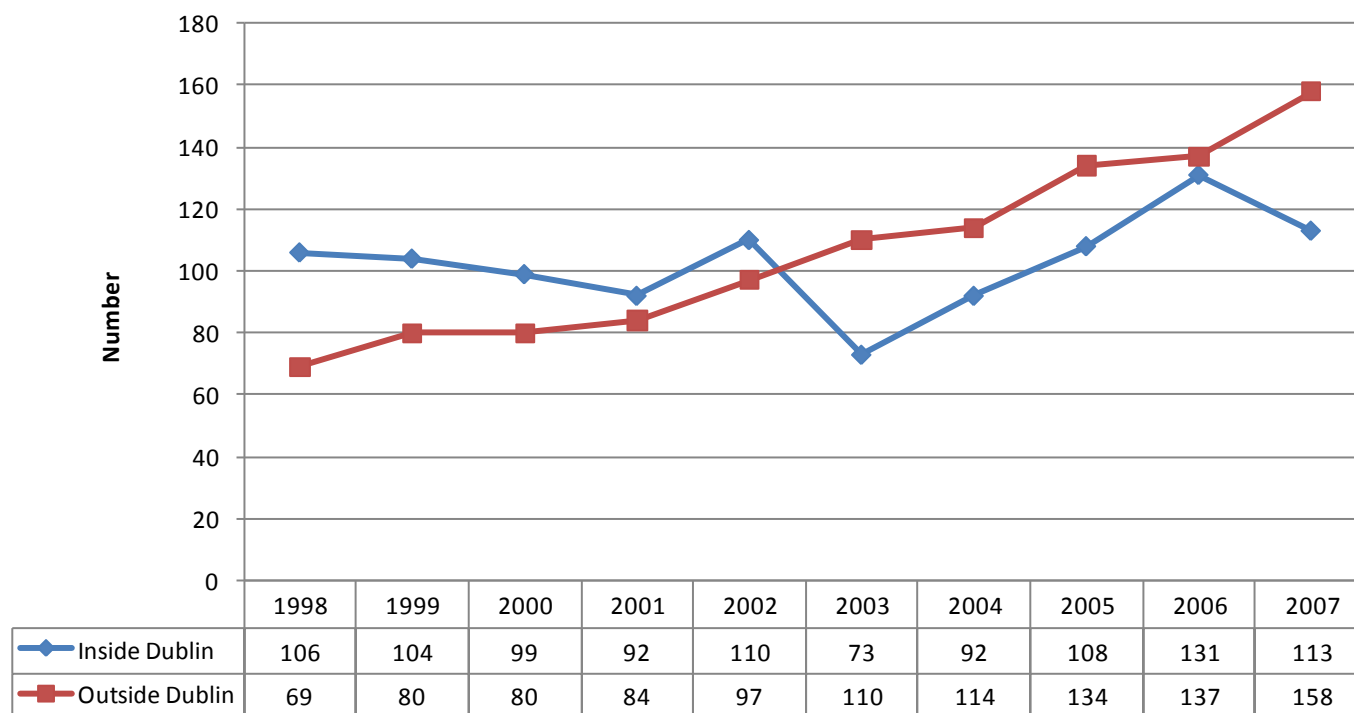


Figure 4 Poisoning Deaths, By Place of Residence NDRDI 1998-2007 n=2,120





Non-poisonings





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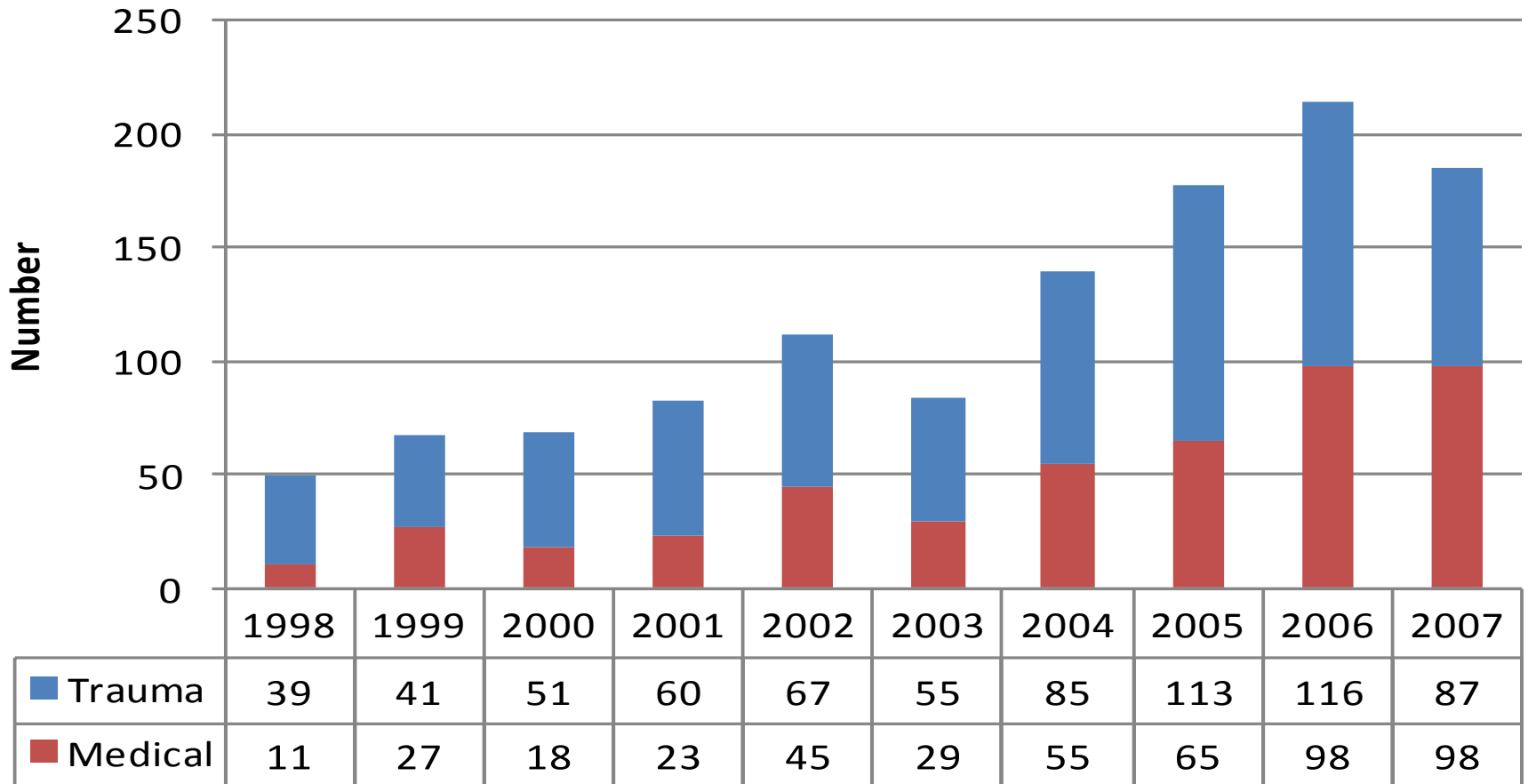
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Figure 5 Non-poisoning deaths from traumatic and medical causes

NDRDI 1998-2007 n=1,183





Trauma





Figure 6 Deaths among drug users due to Trauma NDRDI, by age 1998-2007 n=714

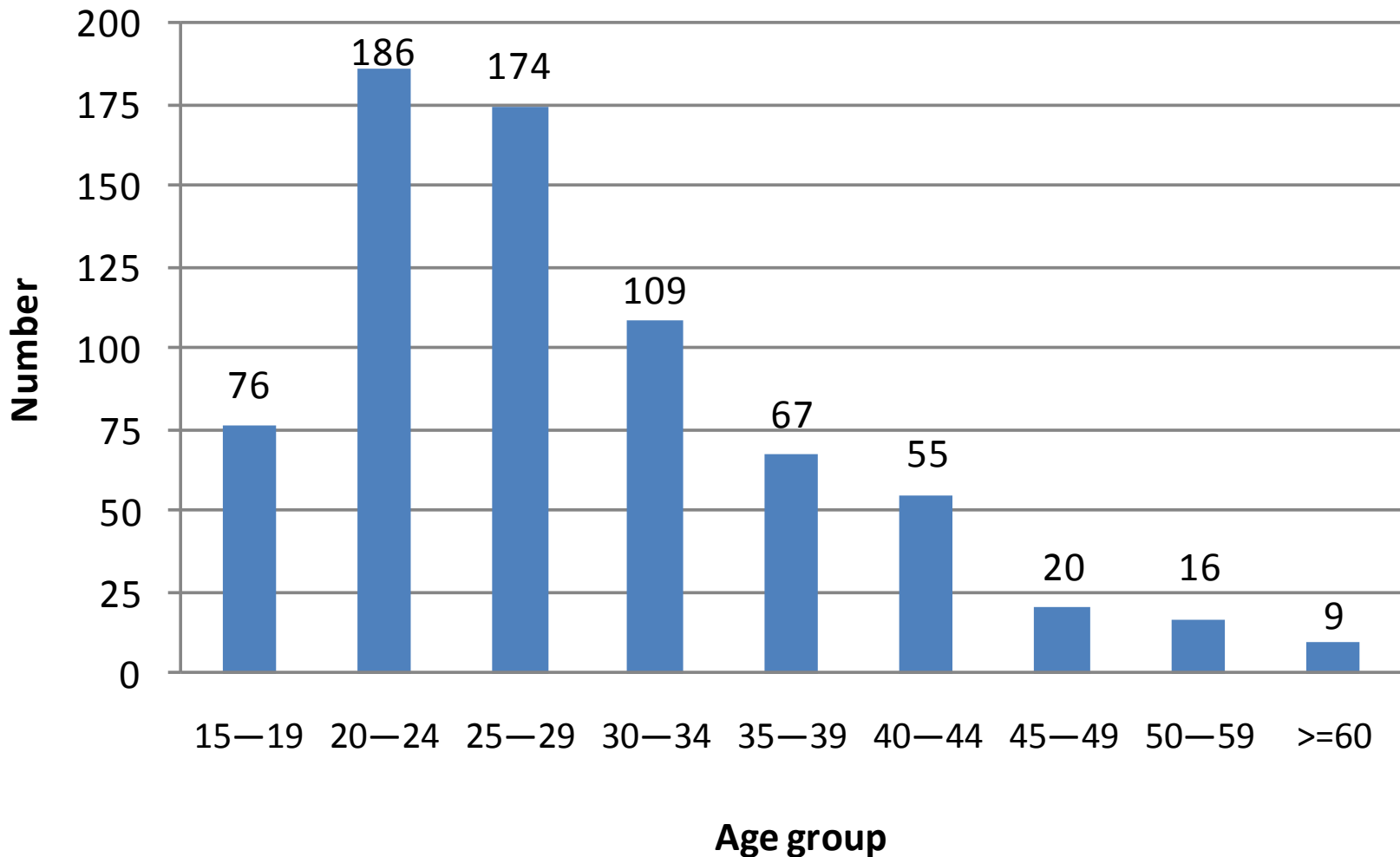


Figure 7 Deaths due to trauma, by type of death
NDRDI 1998-2007 n=714

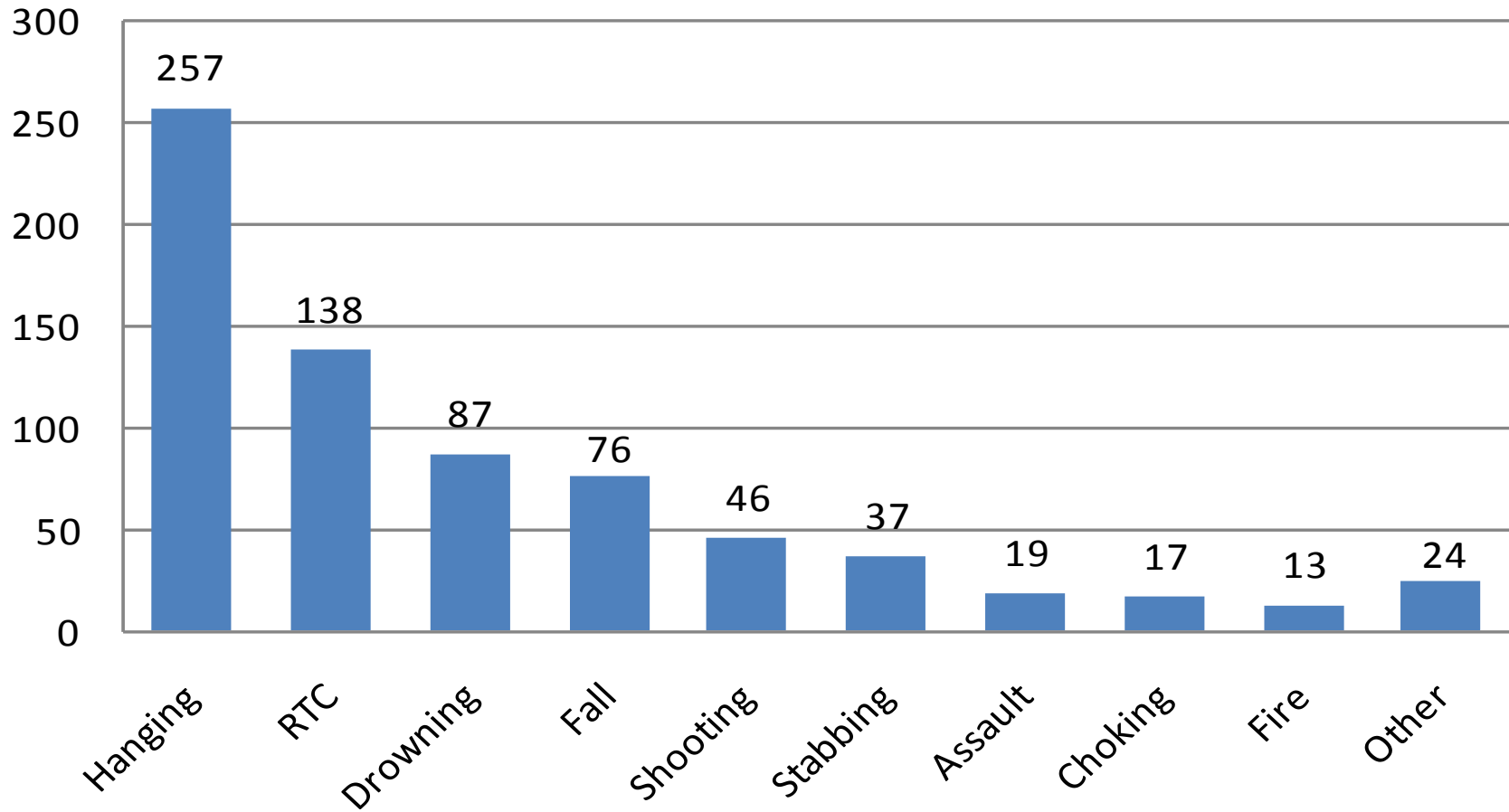
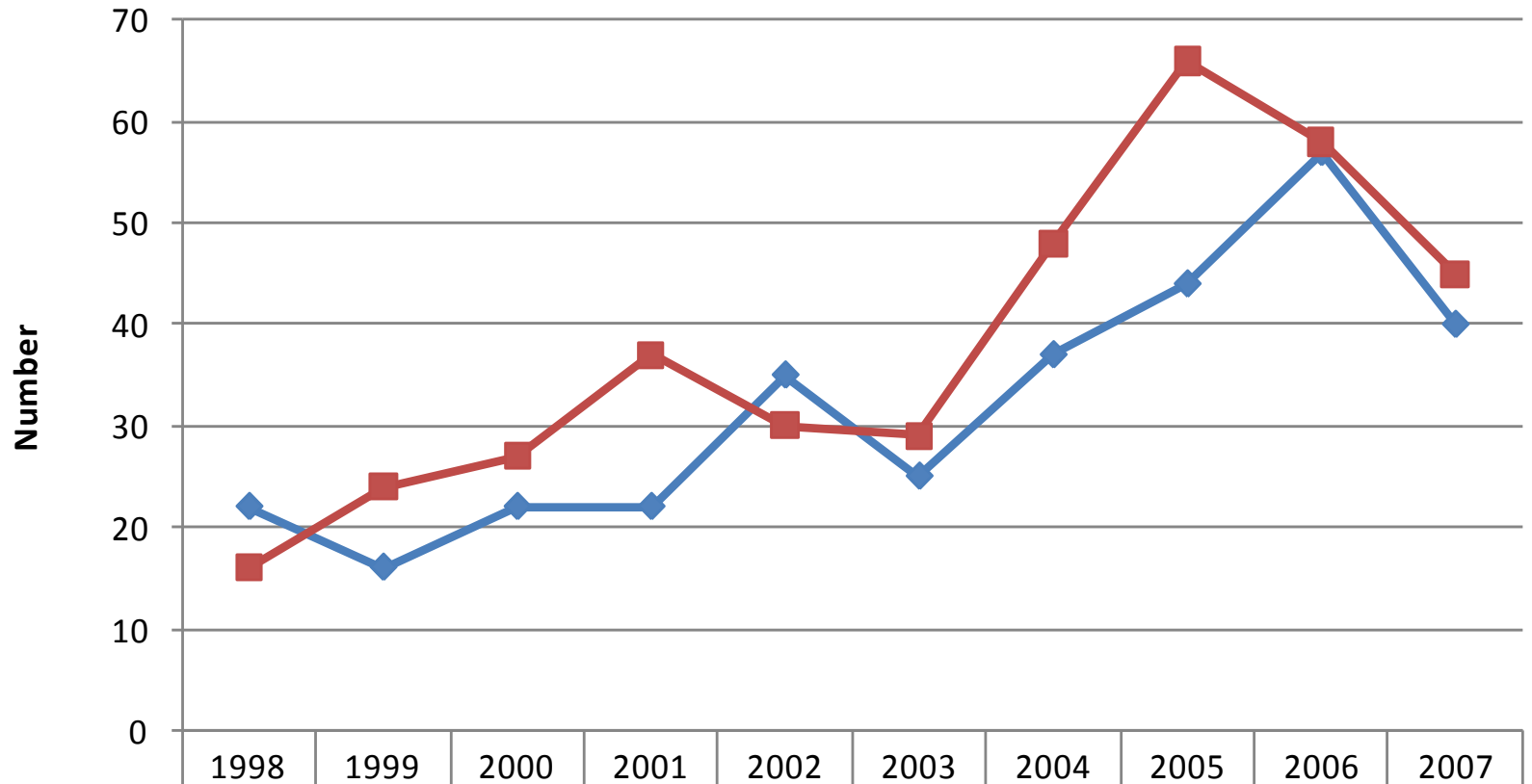


Figure 8 Deaths among drug users due to trauma, by place of residence
NDRDI 1998-2007 n=700



◆ Inside Dublin	22	16	22	22	35	25	37	44	57	40
■ Outside Dublin	16	24	27	37	30	29	48	66	58	45



Medical causes





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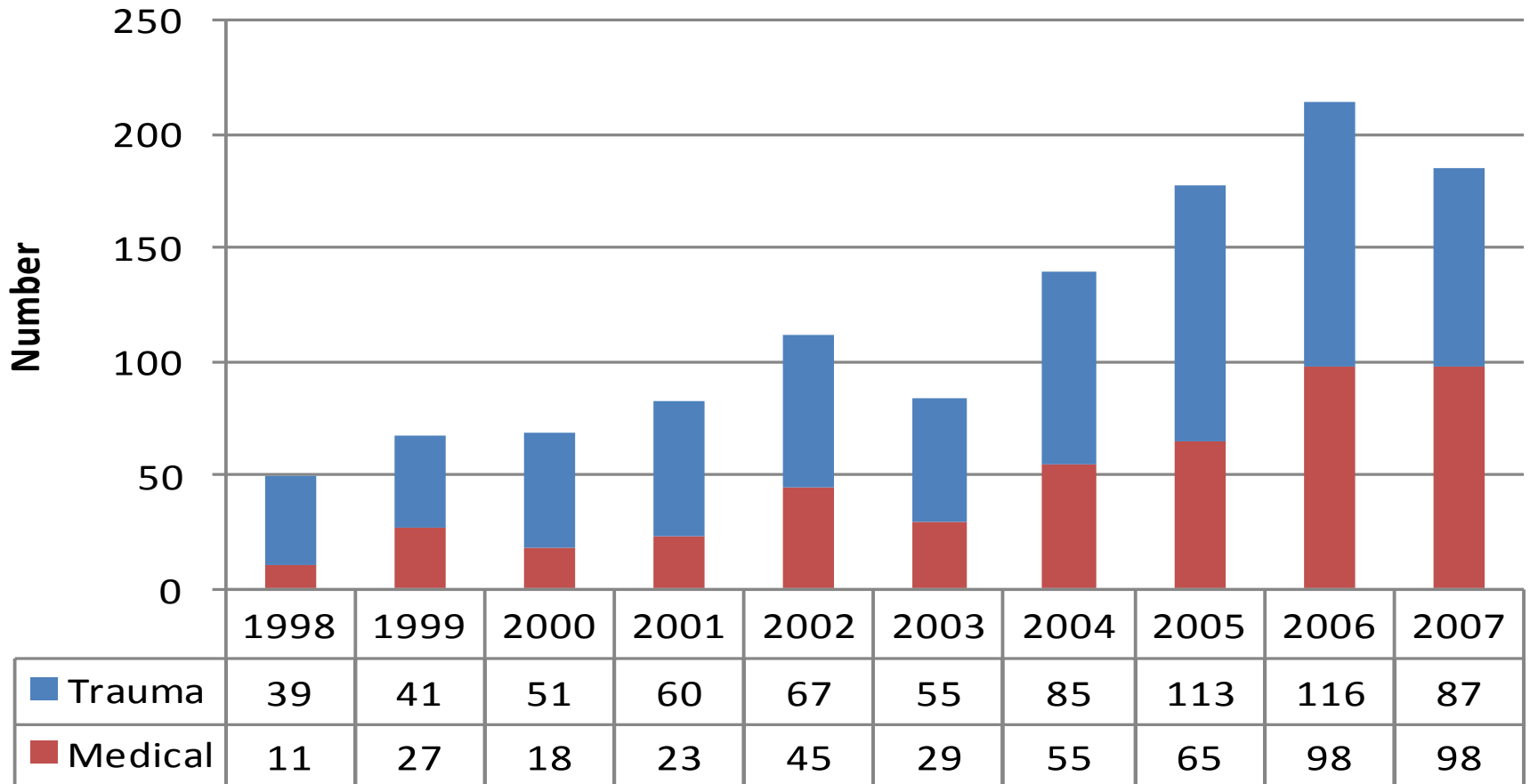


Figure 9 Deaths among drug users due to medical causes, by age group
NDRDI 1998-2007 n=469

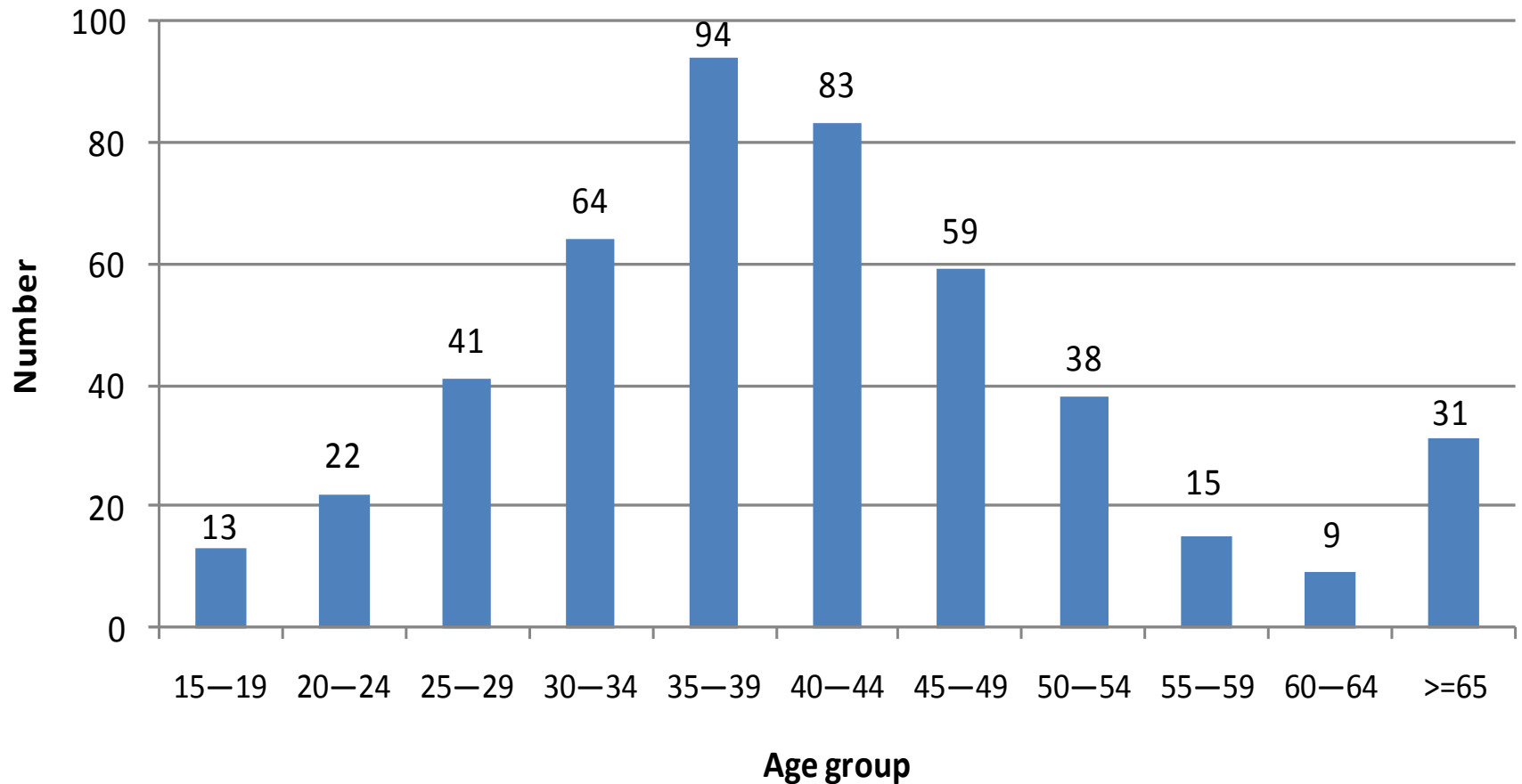


Figure 10 Deaths among drug users due to medical causes, by type NDRDI 1998-2007
n=469

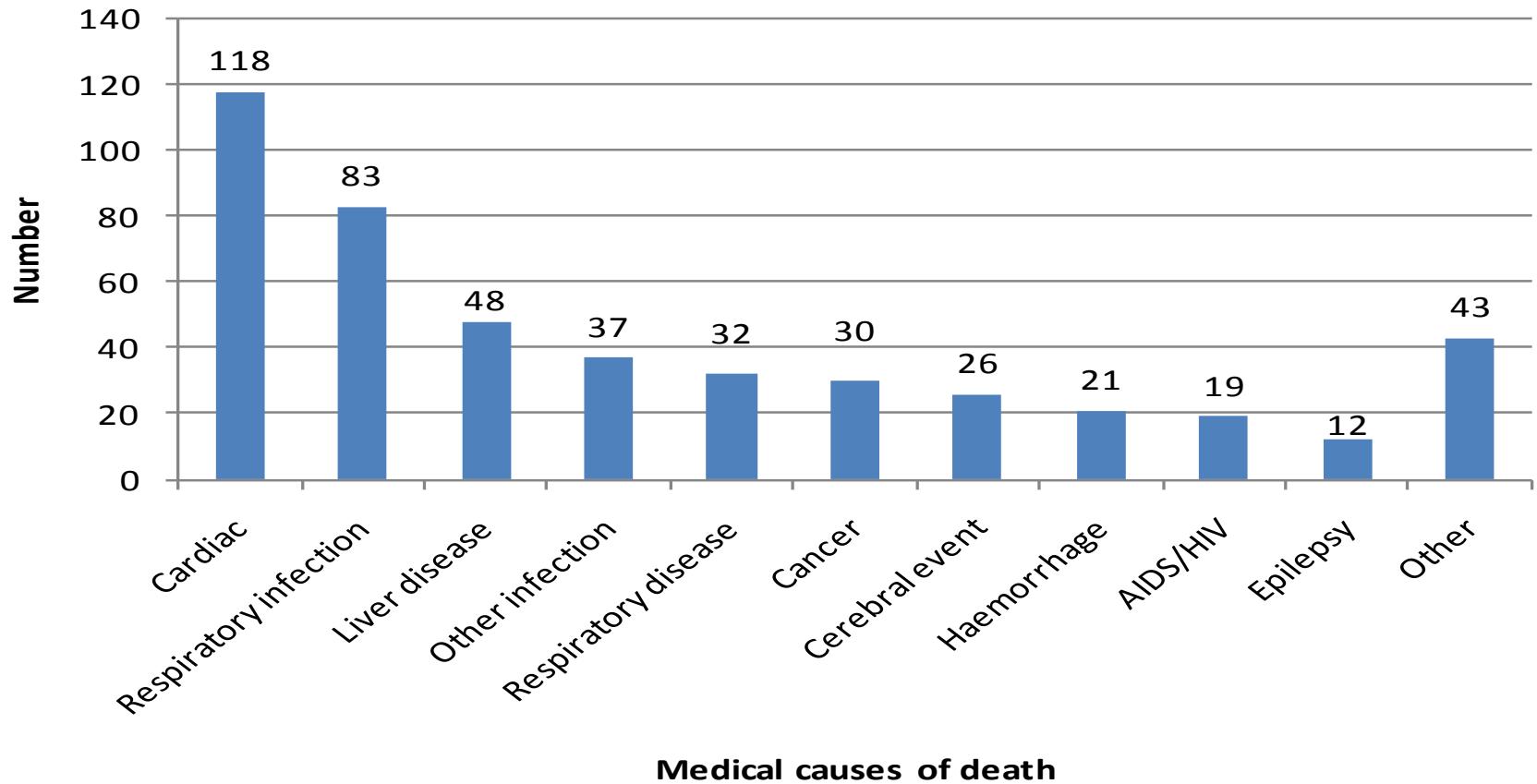
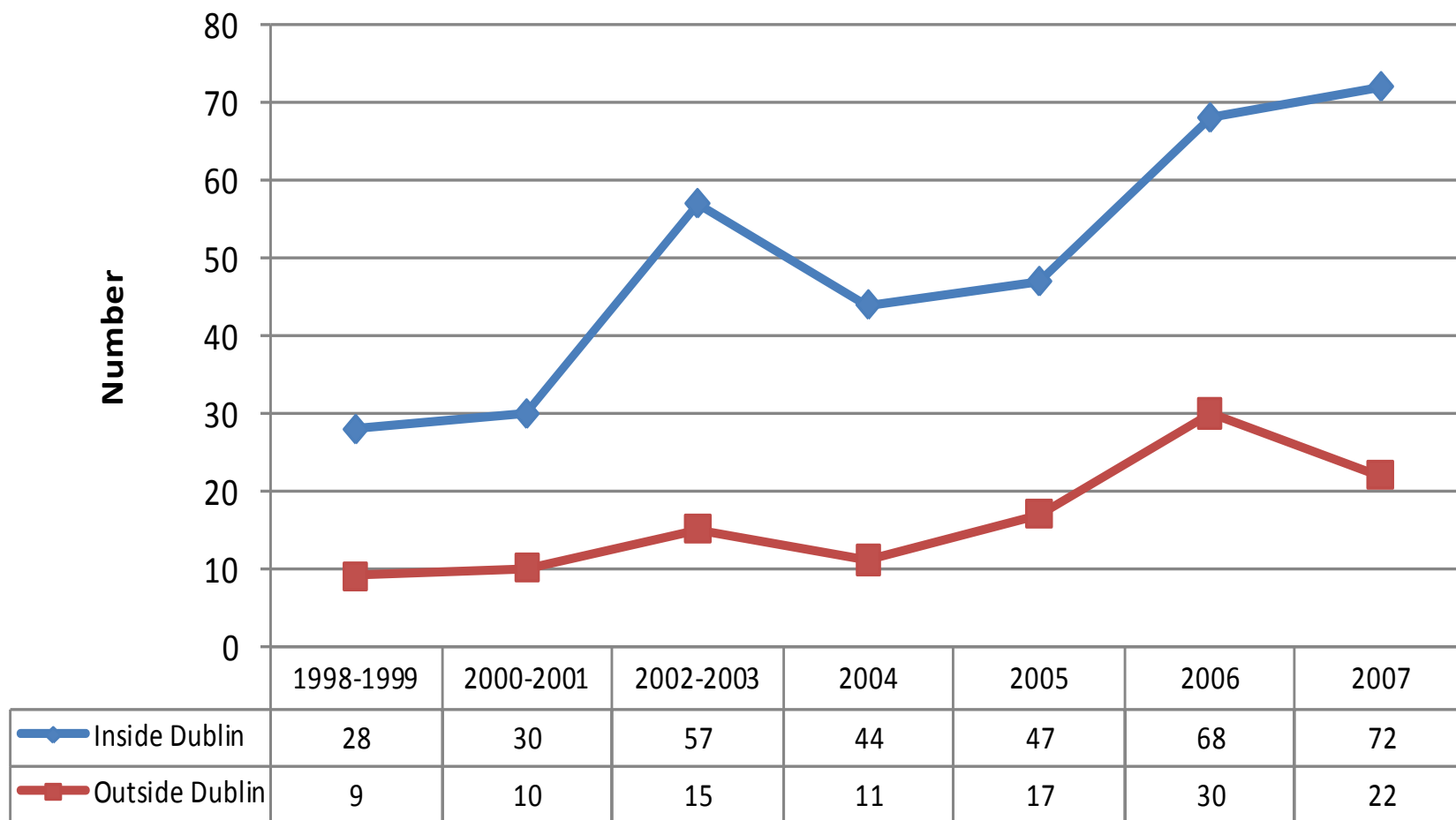


Figure 11 Deaths due to medical causes among drug users, by place of residence NDRDI 1998-2007 n=460





How the data is used





How the data is used

- National and European policy
- Analysis of sub-groups within the database





Summary

- Quality data
- Monitor trends and changes
- National and international policy
- NDRDI publications are the best resource for information relating to drug related mortality in Ireland

