

SECTION FOUR

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**Table 1
DRUG USE IN THE PAST 12 MONTHS (%) FROM 1977-2003, AMONG TORONTO ADULTS^a, STUDENTS^b AND STREET YOUTH^c**

Drug	Population	'77	'79	'81	'82	'83	'84	'85	'87	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03
Cannabis	Students	17	22	17		19		20	10	11		8		8		18		18		18		22		23
	Adults	9			13		17		13	12		12			10		10	11	13	10	14	14	13	15
	Street Youth										92		83											
Cocaine	Students	3	5	4		3		6	4	3		3		1		2		3		3		4		4
	Adults						2		2	2		2			<1		<1		1		1		2	3
	Street Youth										64		31											
Crack	Students								1	2		2		<1		2		2		2		3		2
	Adults								<1	<1		<1			<1		<1		<1		1			
	Street Youth										39		31											
Heroin	Students	2	2	1		1		2	2	1		2		2		2		2		1		1		1
	Adults														<1		<1		<1		<1			
	Street Youth										13		4											
LSD	Students	5	6	6		8		6	3	4		4		3		6		3		3		3		2
	Street Youth										70		59											
Non-Medical Tranquillizers	Students	4	5	4		4		4	2	1		1		1		2		<1		1		1		1
	Adults	15			9		8		3	6		6			5									
	Street Youth										59		29											
Non-medical Barbiturates/Sedatives	Students	5	6	5		4		4	3	2		2		1		2		1		3		2		2
Non-medical Stimulants	Students	6	7	5		14		13	5	6		3		3		4		4		5		5		3
Methamphetamine ("Speed")	Students	2	3	1		2		4	3	3		1		<1		2		2		4		2		3
	Street Youth										24		9											
Glue	Students	4	4	2		2		2	2	2		1		1		2		3		4		5		3
Other Solvents	Students	7	8	2		4		2	5	3		1		2		3		5		10		10		8
"Ecstasy" (MDMA)	Students											<1		<1		1		3		3		6		3
	Adults																				2		2	<1
GHB	Students																					1		1

Notes: Percentages rounded to the nearest percent. Student use is limited to those in grades 7, 9, and 11 only.

Sources: ^a Estimates are based on a subsample from Adlaf, E.M., & Ialomiteanu, A. (2001). *CAMH Monitor eReport: Addiction and Mental Health Indicators Among Ontario Adults, 1977-2000*. Toronto: Centre for Addiction and Mental Health. [electronic document]; available: www.camh.net/research/population_life_course.html ^b Estimates based on a subsample from Adlaf, E.M., & Paglia, A. (2003). *Drug Use Among Ontario Students, 1977-2003: Detailed OSDUS Findings*. (CAMH Research Document Series No. 13). Toronto: Centre for Addiction and Mental Health. ^c Smart, R.G., Adlaf, E.M., Walsh, G., & Zdanowicz, Y.M. (1992). *Drifting and Doing: Changes in Drug Use Among Toronto Street Youth, 1990-1992*. Toronto: Addiction Research Foundation.

**Table 2
NUMBER OF SEIZURES AND TOTAL QUANTITY SEIZED (IN GRAMS)**

Year	COCAINE		CRACK		HEROIN		LSD		MARIJUANA		HASH OIL		HASHISH	
	Number of Seizures	Total Quantity	Number of Seizures	Total Quantity	Number of Seizures	Total Quantity	Number of Seizures	Total Quantity	Number of Seizures	Total Quantity	Number of Seizures	Total Quantity	Number of Seizures	Total Quantity
1987	1,337	25,784	NA	NA	158	2,519	188	39,476	2,633	127,787	129	22,715	915	20,465
1988	2,267	34,272	NA	NA	162	2,282	103	6,727	1,681	123,238	114	10,391	1,129	41,581
1989	2,532	72,557	1,236	1,207	290	6,611	79	10,412	1,629	156,205	126	1,271	1,309	50,429
1990	1,664	99,568	2,154	2,042	331	5,793	87	13,955	995	76,047	43	1,085	1,717	117,181
1991	1,465	82,507	2,657	3,474	222	2,805	43	2,638	1,280	140,282	31	8,771	638	26,334
1992	774	72,283	2,953	5,616	377	3,623	48	18,263	1,563	230,702	39	1,275	352	43,466
1993	526	13,340	2,573	6,339	545	5,017	34	1,351	1,448	382,953	37	5,146	458	65,887
1994	369	38,265	2,458	9,482	471	7,983	36	6,472	1,502	437,442	40	13,818	449	15,588
1995	344	10,149	2,002	15,796	239	2,796	56	28,323	1,700	387,150	35	6,801	194	9,684
1996	337	29,111	1,848	5,331	249	6,223	18	5,392	1,759	577,537	26	535	139	502,050
1997	336	19,934	1,829	7,934	263	15,473	16	3,498	2,041	496,158	26	915	160	22,609
1998	289	272,922	1,767	6,712	173	2,925	13	97	2,182	334,818	26	6,312	191	5,160
1999	287	10617	1609	9540	232	33763	14	4296	2616	312237	34	4056	188	25903
2000	362	7258	1532	16554	138	2321	5	714	3049	1273861	18	185	147	4012
2001	474	12462	1470	4676	97	1302	11	149	3048	1204721	20	243	132	4370
2002	522	19389	1476	9396	146	1354	6	955	3169	2770345	6	64	169	11571
2003	569	33081	1386	7398	80	1060	2	560	1947	3148889	16	1987	141	13429

*Measured in microgram per hit
Source: Toronto Police Service

**Table 3
TRENDS IN PURITY OF SUBSTANCES**

Year	COCAINE			CRACK			HEROIN			LSD			MARIJUANA			HASH OIL			HASHISH		
	Average	Range	No of Samples	Average	Range	No of Samples	Average	Range	No of Samples	Average	Range	No of Samples	Average	Range	No of Samples	Average	Range	No of Samples	Average	Range	No of Samples
1987	69.1	.001, 100	1618	87.4	1.4, 100	85	38.5	4.0, 94	187	46.0	17.0, 73	101	2.5	.001, 6.2	5422	16.4	.09, 33	35	6.1	.8, 20	15
1988	77.3	.01, 100	1666	88.9	35.0, 100	90	56.7	4.0, 99	172	31.0	20.0, 72	6	1.1	.06, 4.9	37	10.0	1.6, 19	34	5.3	4.1, 7.4	11
1989	78.7	.003, 100	1673	92.3	25.0, 100	64	53.2	9.0, 100	135	48.2	30.0, 115	18	2.4	.06, 12	59	20.7	.05, 32	11	6.1	2.3, 9.8	26
1990	68.0	.03, 100	1147	90.9	50.0, 100	53	57.9	8.0, 100	250	46.5	29.0, 60	32	3.5	.04, 23.7	119	11.5	2.5, 17.8	6	9.5	.1, 24	37
1991	67.9	.003, 100	1338	89.1	34.0, 98	135	58.9	5.0, 100	307	58.0	56.0, 59	3	3.1	.005, 12	113	0.0	0.0, 0.0	0	8.8	.05, 35	44
1992	66.5	.002, 100	1195	87.7	58.0, 100	142	57.9	2.0, 100	438	49.0	33.0, 70	13	3.5	.004, 18	98	12.7	.0002, 28	16	7.6	.07, 20	31
1993	65.3	.20, 99	697	85.0	13.0, 100	144	72.0	3.5, 100	325	43.0	38.0, 47	2	4.2	.30, 11	167	1.3	.60, 1.8	3	7.2	.1, 38	27
1994	67.6	5.0, 97	544	83.9	24.0, 97	173	64.9	8.0, 98	268	0.0	.0, .0	4	3.3	.02, 12	210	N/A	N/A	0	N/A	N/A	0
1995	63.0	.06, 96	566	79.4	2.2, 98	157	52.8	1.5, 100	633	25.0	15.0, 79	7	3.9	0.4, 17.9	157	0.5	0.2, 1.1	10	11.9	.38, 52	23
1996	67.5	.20, 96	712	71.0	14, 96	354	48.5	9.0, 94	239	24.1	.13, 65	4	4.8	0.1, 13	219	16.7	0.5, 27	11	8.91	.02, 44	47
1997	63.4	.20, 95	734	78.8	5.6, 100	140	48.4	7.9, 96	171	N/A	N/A	0	5.1	.04, 22	61	11.6	.02, 24.6	14	13.0	.08, 45.7	53
1998	67.2	1.4, 97	594	73.3	21.0, 96	158	63.4	7.0, 96	163	N/A	N/A	0	4.4	.03, 11	105	15.8	13.0, 25	9	9.4	0.8, 34	17
1999	65.4	1.4, 93	489	68.7	.01, 95	90	44.3	10.0, 87	190	N/A	N/A	0	6.2	.02, 47	87	N/A	N/A	0	12.1	2.0, 8	49
2000	62.1	1.5, 97	404	64.7	19.0, 95	84	54.7	2.0, 95	93	N/A	N/A	0	7.4	.06, 20	N/A	23.3	18.0, 30	6	8.1	.05, 36	14

Table 4 – Substance Use By Street Youth, 1999 SHOUT Clinic Survey

Drug	Never	Monthly or More
Marijuana or Hash (n=322)	27%	65%
Crack (n=323)	81%	18%
Powder Cocaine (n=327)	75%	13%
Speed/Crystal (n=322)	78%	14%
Acid (LSD) (n=324)	73%	13%
Heroin (n=326)	84%	11%
Glue or Gasoline (n=323)	92%	6%
Ecstasy (n=326)	72%	15%
Steroids (n=322)	95%	3%
Growth Hormones (n=321)	96%	3%
Pharmaceuticals (n=325)	77%	18%

Source: *Making Money, The Shout Clinic Report on Homelessness, Youth, and Employment, 1999*

The following data is taken from the March, 2004 Youthlink/CAS study of drug use among 76 homeless youth in Toronto. The data in the table below are from this study.

Drug	Drug Use
Marijuana	84% (61)
Alcohol)	83% (61)
Cocaine/Crack	60% (44)
Prescription pills	41% (30)
Methamphetamine	37% (28)
Methadone	11% (8)
Solvents (Inhalants)	10% (8)
Other drugs	16% (11)

The high prevalence of poly-drug use is apparent in these numbers. This is just one of the several indicators of poly-drug use among street youth.

**TABLE 5
NUMBER OF DRUG-RELATED DEATHS IN WHICH THE FOLLOWING
SUBSTANCES WERE DETECTED, 1986-2001**

Year	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Cannabis	9	15	9	14	16	4	11	7	1	5	1	1	3	2	0	0
Cocaine	12	22	27	38	25	25	39	30	28	23	22	27	27	38	26	19
Heroin	12	26	17	28	40	35	60	57	67	45	38	36	36	39	36	25
Barbiturates Sedative/ Hypnotics & Tranquillizers	66	53	64	70	85	82	86	76	79	60	39	51	67	65	39	43
Total*	141	139	137	151	159	158	143	155	173	130	96	132	155	150	119	106

Source: Office of the Chief Coroner of Ontario.

- Individual column entries do not add to column total. This is because (1) not all drug deaths fall into the 4 categories shown and (2) categories are not mutually exclusive.

**Table 6
NUMBER OF DRUG-RELATED DEATHS BY DRUG LETHALITY AND CAUSE, 1990-1991**

Year		COCAINE		HEROIN		CANNABIS		SEDATIVE-HYPNOTICS	
		N	%	N	%	N	%	N	%
1990	Number of Positive Tests	25		40		16		85	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	5	20	27	68	0	0	9	11
	Lethal Combination	3	12	9	22	1	6	25	29
	Non-lethal Level	17	68	4	10	15	94	51	60
	<i>Type of Death</i>								
	Accidental	22	88	34	85	12	75	42	49
	Suicide	2	8	6	15	3	19	41	48
	Unknown	1	4	0	0	1	6	2	2
1991	Number of Positive Tests	25		35		4		82	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	5	20	16	46	0	0	6	7
	Lethal Combination	6	24	17	48	1	25	44	54
	Non-lethal Level	14	56	2	6	3	75	32	39
	<i>Type of Death</i>								
	Accidental	20	80	28	80	3	75	32	39
	Suicide	5	20	5	14	1	25	43	52
	Unknown	0	0	2	6	0	0	7	9
1992	Number of Positive Tests	39		60		11		86	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	11	28	26	43	0	0	6	7
	Lethal Combination	9	23	32	53	2	18	36	42
	Non-lethal Level	19	49	2	3	9	82	44	51
	<i>Type of Death</i>								
	Accidental	34	87	48	80	9	82	53	62
	Suicide	3	8	6	10	10	18	28	33
	Unknown	2	5	6	10	0	0	5	5
1993	Number of Positive Tests	30		57		7		76	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	1	3	35	61	0	0	5	7
	Lethal Combination	2	7	21	37	0	0	25	33
	Non-lethal Level	27	90	1	2	7	100	46	60
	<i>Type of Death</i>								
	Accidental	22	73	47	82	7	100	40	53
	Suicide	2	7	4	7	0	0	27	35
	Unknown	6	20	7	12	0	0	9	12

**Table 6
NUMBER OF DRUG-RELATED DEATHS BY DRUG LETHALITY AND CAUSE, 1990-1991**

Year		COCAINE		HEROIN		CANNABIS		SEDATIVE-HYPNOTICS	
		N	%	N	%	N	%	N	%
1994	Number of Positive Tests	28		67		1		79	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	12	43	55	82	0	0	5	6
	Lethal Combination	3	11	8	12	0	0	13	17
	Non-lethal level	13	46	4	6	1	100	61	77
	<i>Type of Death</i>								
	Accidental	25	89	42	63	0	0	29	37
	Suicide	0	0	9	13	0	0	32	41
	Unknown	3	11	16	24	1	10	18	23
	1995	Number of Positive Tests	23		45		5		60
<i>Drug Lethality</i>									
Sole Lethal Cause		6	29	33	75	0	0	7	12
Lethal Combination		1	5	9	20	1	20	15	26
Non-lethal level		14	67	2	5	4	80	35	61
<i>Type of Death</i>									
Accidental		2	0	1	0	0	0	3	0
Suicide		18	78	31	69	4	80	21	35
Unknown		1	4	6	13	1	20	33	55
		4	17	8	18	0	0	6	10
1996	Number of Positive Tests	22		35		1		36	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	6	27	28	80	0	0	2	6
	Lethal Combination	6	27	3	8	0	0	7	19
	Non-lethal level	10	45	4	11	1	100	27	75
	<i>Type of Death</i>								
	Accidental	20	91	28	80	1	100	15	42
	Suicide	1	5	4	11	0	0	17	47
	Unknown	1	5	3	9	0	0	4	11
	1997	Number of Positive Tests	27		38		1		51
<i>Drug Lethality</i>									
Sole Lethal Cause		7	30	27	84	N/A	-	5	14
Lethal Combination		0	0	3	9	N/A	-	6	17
Non-lethal level		16	70	2	6	N/A	-	24	69
<i>Type of Death</i>									
Accidental		22	81	25	69	0	-	17	33
Suicide		1	4	4	11	0	-	23	45
Unknown		4	15	7	19	1	100	11	22

**Table 6
NUMBER OF DRUG-RELATED DEATHS BY DRUG LETHALITY AND CAUSE, 1990-1991**

Year		COCAINE		HEROIN		CANNABIS		SEDATIVE-HYPNOTICS	
		N	%	N	%	N	%	N	%
1998	Number of Positive Tests	27		36		3		67	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	3	11	18	50	N/A	-	5	8
	Lethal Combination	3	11	11	31	N/A	-	16	24
	Non-lethal level	21	78	7	19	N/A	-	46	69
	<i>Type of Death</i>								
	Accidental	23	85	31	86	0	-	31	46
	Suicide	1	4	3	8	0	-	28	42
	Unknown	3	11	2	6	3	100	8	12
1999	Number of Positive Tests	27		34		2		65	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	7	30	20	59	0	-	4	6
	Lethal Combination	0	0	2	6	0	-	24	37
	Non-lethal level	16	70	12	36	2	100	37	57
	<i>Type of Death</i>								
	Accidental	22	81	18	53	2	100	25	38
	Suicide	1	4	2	6	0	-	20	31
	Unknown	4	15	14	41	0	-	20	31
2000	Number of Positive Tests	27		36		0		39	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	7	30	12	33	-	-	2	5
	Lethal Combination	0	0	21	58	-	-	3	8
	Non-lethal level	16	70	3	8	-	-	34	87
	<i>Type of Death</i>								
	Accidental	22	81	23	64	-	-	17	44
	Suicide	1	4	4	11	-	-	18	46
	Unknown	4	15	9	25	-	-	4	10
2001	Number of Positive Tests	27		25		0		43	
	<i>Drug Lethality</i>								
	Sole Lethal Cause	7	30	13	52	-	-	1	2
	Lethal Combination	0	0	11	44	-	-	12	28
	Non-lethal level	16	70	1	4	-	-	30	70
	<i>Type of Death</i>								
	Accidental	22	81	19	76	-	-	20	47
	Suicide	1	4	1	4	-	-	10	23
	Unknown	4	15	5	20	-	-	13	30

Lethality analysis is available for a limited number of cases in 1997. Therefore, percentages in this section of the table are expressed as a fraction of the number of cases with lethality results. **Source: Office of the Chief Coroner of Ontario**

Table 7 Toronto Selected Newborn/Maternal Diagnoses																		
12 month period ending March 31,	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03
Drug-induced Damage	2	2	3	0	4	6	8	5	1	4	4	5	5	5	20	13	2	2
Noxious Influences Through Placenta	5	7	8	12	32	35	46	59	61	69	77	58	59	49	63	46	38	54
Newborn Drug Withdrawal Syndrome	4	7	11	16	23	26	23	23	16	17	18	17	22	14	30	27	22	23

Source: Ontario Ministry of Health, User Support Branch

** A newborn may appear in more than one category.*

**Table 8A
Treatment Inquiries - Toronto**

Total Calls Regarding Treatment Placement	10/94 - 9/95	10/95 - 9/97	10/96 - 9/97	10/97 - 9/98	10/98 - 9/99	10/99 - 9/00	10/00 - 9/01	10/01 - 09/02	10/02 - 09/03
	1,921	1,837	1,937	2,426	2,363	2,991	3,375	3,576	3,808
	%	%	%	%	%	%	%	%	%
Age (years)									
0-14	0.5	0.8	1.2	0.6	0.6	0.7	0.7	0.6	0.4
15-19	6.0	7.7	6.9	6.1	8.3	9.2	8.2	6.5	6.1
20-24	10.7	8.3	8.9	8.8	11.1	10.9	11.5	10.5	10.5
25-34	40.6	33.0	26.7	29.7	32.7	28.2	27.2	30.1	26.5
35-44	25.2	17.6	16.2	22.7	25.0	25.0	24.1	22.6	26.8
45-54	7.4	5.6	6.3	7.2	9.8	10.7	9.6	11.9	13.0
55-64	2.5	2.4	2.1	3.1	3.4	3.2	2.7	3.2	4.4
65+	1.3	1.3	1.1	2.0	1.7	1.3	1.3	1.4	1.2
Unknown	5.7	23.5	30.6	19.7	7.5	10.7	14.7	13.2	11.2
Sex									
Female	27.8	28.2	28.8	31.0	30.8	31.9	31.5	30.8	30.3
Male	71.5	70.7	69.8	67.9	69.2	68.1	68.5	69.2	69.7
Unknown	0.7	1.1	1.5	1.1	0	0	0	0.0	0.0
Problem Substances Identified (Several may be identified for one individual, with resulting effect on percentage.)									
Alcohol	50.1	46.4	46.9	48.6	51.3	57.5	56.7	59.8	57.7
Crack	21.2	19.3	10.5	15.8	16.7	11.4	11.7	10.7	13.7
Cocaine Powder	19.8	16.8	16.6	16.8	17.1	17.3	17.5	19.3	19.4
Cannabis	9.4	10.5	14.4	9.4	9.6	8.6	9.8	9.3	8.5
Heroin	10.8	8.9	4.2	5.9	5.7	4.9	3.1	3.5	2.2
Methadone	N/A	N/A	N/A	1.2	2.4	1.8	1.4	1.2	1.0
Other Narcotics	5.8	4.8	5.9	4.4	4.3	4.0	3.6	4.2	5.5
Benzodiazepine	4.6	3.9	2.0	2.4	2.1	1.9	1.2	1.1	1.7
Hallucinogens	1.6	1.4	0.5	<0.1	1.0	1.3	0.9	0.6	0.3
Barbiturates	0.6	0.6	1.1	<0.1	0.1	0.1	0.2	0.1	0.4
Inhalants	0.5	0.5	0.2	<0.1	0.2	0.1	0.1	0.2	0.1
Amphetamines	0.3	0.5	0.3	1.1	2.0	1.4	1.9	1.1	1.7
Not Identified	N/A	N/A	N/A	10.9	6.9	7.0	6.8	4.0	3.8
Other Non -Prescription	N/A	N/A	N/A	3.4	3.5	1.7	3.1	2.8	2.2
Other Prescription	N/A	N/A	N/A	0.9	1.0	1.4	0.8	1.2	1.4
Other	N/A	N/A	N/A	0.3	0.2	0.1	0.1	0.1	0.3

Source: Drug and Alcohol Registry of Treatment, October 1994 – December 2003

Table 8B
Treatment Inquiries – Rest of Ontario

Total Calls Regarding Treatment Placement	10/94 - 9/95	10/95 - 9/97	10/96 - 9/97	10/97 - 9/98	10/98 - 9/99	10/99 - 9/00	10/00 - 9/01	10/01 – 9/02	10/02 – 9/03
	5,073	6,093	6,556	9,525	9,564	10,239	12,243	13,199	14,404
	%	%	%	%	%	%	%	%	%
Age (years)									
0-14	1.7	1.9	1.5	1.4	1.3	1.5	1.5	1.2	0.8
15-19	13.4	14.5	13.0	11.4	11.3	11.7	11.1	10.3	9.9
20-24	10.4	9.6	8.9	9.9	10.7	10.2	11.1	10.6	11.3
25-34	33.8	26.7	23.1	24.0	26.1	25.1	23.3	23.9	23.2
35-44	23.2	18.9	17.8	20.1	23.8	23.3	22.8	22.0	23.2
45-54	8.1	6.4	6.6	7.7	8.1	9.7	9.6	10.3	11.0
55-64	2.8	2.1	2.1	2.6	3.0	2.7	3.0	2.9	3.0
65+	1.5	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.4
Unknown	5.1	18.8	25.7	24.4	14.4	14.5	16.3	17.4	16.1
Sex									
Female	32.2	33.3	31.8	34.0	33.9	35.3	35.3	35.4	33.7
Male	66.6	65.2	66.3	66.8	66.1	64.7	64.5	64.6	66.3
Unknown	1.1	1.5	1.3	2.0	0	0	0	0.0	0.0
Problem Substances Identified (Several may be identified for one individual, with resulting effect on percentage.)									
Alcohol	66.6	61.0	57.2	59.6	60.8	63.9	61.6	63.9	62.0
Crack	6.9	5.7	18.3	6.2	6.9	5.8	5.5	6.0	7.5
Cocaine Powder	17.3	14.3	14.2	13.5	15.2	14.4	14.4	16.1	17.6
Cannabis	19.1	20.0	6.2	14.0	14.5	13.6	13.6	12.9	12.3
Heroin	4.3	4.1	5.2	2.4	3.0	3.0	2.2	2.2	1.6
Methadone	N/A	N/A	N/A	0.6	0.8	0.9	0.8	0.6	0.7
Other Narcotics	5.6	5.9	3.1	4.1	4.4	4.3	5.1	5.9	5.9
Benzodiazepine	3.6	3.7	2.7	2.1	1.5	1.4	1.6	1.4	1.0
Hallucinogens	4.1	3.4	2.4	1.4	1.3	1.3	1.0	0.8	0.7
Barbiturates	0.9	0.5	1.2	0.3	0.3	<0.1	0.2	0.1	0.1
Inhalants	1.5	1.2	1.0	0.8	0.6	0.5	0.5	0.4	0.3
Amphetamines	0.7	1.8	0.3	1.0	1.6	1.9	2.2	1.0	1.8
Not Identified	N/A	N/A	N/A	11.8	8.3	7.0	6.3	5.1	5.2
Other Non - Prescription	N/A	N/A	N/A	3.2	0.5	1.9	2.8	2.3	2.1
Other Prescription	N/A	N/A	N/A	1.2	1.1	1.3	1.3	1.3	1.0
Other	N/A	N/A	N/A	0.3	0.3	0.2	0.1	0.1	0.2

Source: Drug and Alcohol Registry of Treatment, October 1994 – December 2003

SECTION FIVE

REFERENCES

References

1. Research Group on Drug Use (2002), "Drug Use in Toronto, 2001."
2. Centre for Addiction and Mental Health (2003), "The Ontario Adult Drug Use Survey"
3. U.S. National Drug Intelligence Center, (2004), " National Drug Assessment, 2003."
4. Proceedings of the Community Epidemiology Work Group, U.S. National Institute on Drug Use, "Epidemiologic Trends in Drug Abuse," Volume I, December, 2003.
5. Santos, Maria (1999), "Needs Assessment for a Parent Relief Program in Toronto, A Report for the Young Parents with No Fixed Address Working Committee," prepared as part of completing a student placement with the City of Toronto, Public Health.
6. A submission in response to the MTDHC Hospital Restructuring Project, Emergency Services Patient Service Group Task Force, "Problems Surrounding the Health Care of Marginalized Populations`" Research Group on Drug Use, March 31, 1995.
7. Falkowski, Carol, (2001), Dangerous Drugs, Hazelden Foundation.
8. Swan, Neil (2001), "New Imaging Technology Confirms Earlier PET Scan Evidence: Methamphetamine Abuse Linked to Human Brain Damage," Notes, Vol. 18, Number 2
9. RCMP "E" Division, British Columbia, Drug Enforcement Branch (2000) "Designer Drugs and Raves."
10. Rintoul, Scott and Kristy McKillian (2001), RCMP Drug Awareness Service, "Designer Drugs and Raves," second edition.
11. "New Report Summarizes Current Patterns of Club Drug Use in the U.S., Cesar FAX, " Vol. 13, Issue 20, May 17, 2004, University of Maryland, College Park, Md.
12. Friedman, Steven Marc and Haddon Sutner (2001), "Characterization of Alcohol and Club Drug Use among Teens and Adolescents at a Downtown Teaching Hospital," University Health Network, Faculty of Medicine, University of Toronto, unpublished manuscript.
13. Quesnel, Susan (2000), "Complications Due to the Consumption of Club Drugs in Toronto," University of Toronto, Faculty of Medicine, unpublished manuscript.
14. AIDS Committee of Toronto, 2001, "Drug Use and HIV Risk Among Gay Men in the Dance/Club Scene in Toronto: How Should AIDS Prevention Programs Respond?".
15. Conference on Drugs Involved in Drug Facilitated Sexual Assault, Raves, and the Club Scene, Ontario Centre of Forensic Sciences, August, 2003.
16. "Tryptamines" (2002) a pamphlet from TRIP!, www.torontoraverinfoject.ca.
17. Centre for Addiction and Mental Health, 2003, "Drug Use Among Ontario Students, 1977-2003."
18. www.erowid.org

-
19. Passaro, DJ, et al (1998) "Wound Botulism Associated with Black Tar Heroin among Injecting Drug Users," JAMA, volume 279, pages 859-863.
 20. National Drug Intelligence Center, U.S. Department of Justice, 2002, "Methamphetamine Fast Facts: Questions and Answers."
 21. NIDA Notes, "New Imaging Technology Confirms earlier PET Scan Evidence: Methamphetamine Abuse Linked to Human Brain Damage," Vol. 18, number 2, August, 2003.
 22. Wyoming Division of Criminal Investigations, "Narcotics Alert: New Designer Drugs, FOXY and AMT," June 7, 2002.
 23. Canadian Community Epidemiology Network on Drug Use, Vancouver Site, "Methamphetamine Environmental Scan Summit and Priority Planning Document," November 28, 2002.
 24. TRIP! Super Survey, 2003, unpublished study.
 25. "Metals as Toxins," Metals in Health and Disease, 2004, available on <http://www.portfolio.mv.ed.ac.uk>.
 26. Minutes from Community Meeting on Club Drugs, October 10, 2001, Research Group on Drug Use.
 27. Minutes from Community Meeting on Club Drugs, October, 2003, Research Group on Drug Use.
 28. McLean, Mark (2000), "Vancouver Drug Epidemiology and Drug Crime Statistics 2000," Canadian Community Epidemiology Network on Drug Use (CCENDU).
 29. Buxton, Jane(2003), "Vancouver site report for the Canadian Community Epidemiology Network on Drug Use (CCENDU)."
 30. Eurosurveillance Weekly (2004) "Ongoing outbreak of tetanus in injecting drug users in the UK," Vol. 8, Issue 4, January 22, 2004, available at <http://www.eurosurveillance.org>.
 31. <http://www.ctv.ca>, July, 2001.
 32. Root, Irving, "Drugs of Abuse and Fatal Automobile Accidents," Coroner's Office, San Bernardino County. August, 2002.
 33. Perrine, MW Editor, (1989), Alcohol, Drugs and Traffic Safety, pp.824-828.
 34. Robb, H.W.J. (1994), "Influence of Marijuana on Driving," Institute for Human Psychopharmacology, University of Limburg, Maastrecht.
 35. Robbe, H.W.J.(2002), Forensic Science Review, volume 14, number 1-2, January, 2002.
 36. Beirness, D.J., Mayhew, H. M. Simpson, and D.E. Stewart (1995), "Roadside Surveys in Canada: 1974-1993," Traffic Injury Research Foundation of Canada, Ottawa, Ontario.
 37. "Senate Special Committee on Illegal Drugs, Cannabis: Summary Report," September, 2002.
 38. Proceedings of the International Conference on Alcohol, Drugs, and Safety, National Safety Council, Chicago, 1991.

-
39. Mercer, GW. (1986) "Frequency, Types and Patterns of Traffic Convictions and Frequency and Type of Traffic Accidents," in Counter-Attack Traffic Research Papers, 1986, Vancouver, British Columbia, Ministry of Attorney General.
 40. Discussions between Public Health and TRIP!, Dec, 12,2002.
 41. "Amphetamines," unpublished manuscript by Dr. Bhushan M. Kapur, Dept, of Laboratory Medicine and Pathology, St. Michael's Hospital and Division of Clinical Pharmacology and Toxicology, The Hospital for Sick Children, Toronto.
 42. Toronto Board of Health, "Innovative Strategies in Substance Abuse Prevention and Treatment," February 26, 1996.
 43. Caldicott, Dvid G. and Marie Kuhn, (2001) "Gamma-Hydroxybutyrate Overdose and Physostigmine: Teaching new tricks to an old drug?", *Annals of Emergency Medicine*, Vol. 37, No. 1, January, 2001.
 44. Discussions between Toronto Public Health and TRIP!, Spring, 2004
 45. "Cocaine Use, Recommendations in Treatment and Rehabilitation," (2001), prepared by Canada's Drug Strategy Division by G. Ron Norton, PhD., Michael Weinrath, PhD., and Michel Bonin, University of Winnipeg.
 46. Canadian Association of Police Boards, press release, "Government Introduces Impaired Driving Bill C-32," April 30, 2004.
 47. Minutes from Community Meeting on Crack Use, Research Group on Drug Use, March, 2003.
 48. "Random Roadside Saliva Testing," <http://www.arrivealive.vic.gov.au>
 49. "Drug Trends and the CCENDU Network, 2002 National Report" Canadian Community Epidemiology Network on Drug Use (CCENDU), Canadian Centre on Substance Abuse, 2003.
 50. Toronto Public Health, "A Review of the Literature Concerning the Risk of Transmission of HIV/Hepatitis/TB Among Crack Users in Toronto," 2000.
 51. Report of the Mayor's Homelessness Action Task Force, "Taking Responsibility for Homelessness, An Action Plan for Toronto," January, 1999.
 52. "New Legislation Would Give Police Powers to do Roadside Test for Drug Use," www.canada.com, April 26, 2004.
 53. Cavalieri, Walter, (1995), "Sensitivity of Health Care and Addictions Treatment Agencies and Professionals to Injection Drug Users," Parkdale Community Health Centre.
 54. AIDS Committee of Toronto (2004), "Party Drugs in Toronto's Gay Dance Club Scene, Issues for HIV Prevention For Gay Men."
 55. Ambrosia, Eileen, Dilin Baker, Cathy Crowe, and Kathy Hardill, "The Street Health Report, A Study of the Health Status and Barriers to Health Care of Homeless Women and Men in the City of Toronto," May, 1992.

-
56. Street Health and the Centre for Addiction and Mental Health, "Poor Women and Crack Use in Downtown Toronto," 1997.
 57. Minutes from meeting of the Research Group on Drug Use, Feb 25, 2004.
 58. Minutes from meeting of the Research Group on Drug Use, April 28, 2004.
 59. Minutes from meeting of the Research Group on Drug Use, June 23, 2004.
 60. Mayhew, Daniel R., Alan C. Donelson, Herb M. Simpson (1987), "Alcohol and Cannabis and Fatally Injured Motorcyclists," The Traffic Injury Research Foundation of Canada.
 61. Ontario Public Health Marijuana Working Group, "Marijuana: A Public Health Perspective," August 1, 2004.
 62. Page, Thomas E. (1999), "The Drug Impaired Driver: The Drug Recognition Expert", available at <http://www.ci.la.ca.us/dept/LAPD/traffic/dre/drgdrv.html>.
 63. Redelmeier, D.A. et al (1995), "Effects of Compassionate Care on the Homeless in an Emergency Department: A Randomized Trial," The Lancet, v. 345, pp. 1131-1137.
 64. Cavaleiri, Walter, et al (1994), "Change Through Support: An Injecting Drug Users' Group in a Community Health Centre," Proceedings of the Community Epidemiologic Work Group, Volume II, U.S. National Institute on Drug Abuse, December, 1994.
 65. "Personal communication from the AIDS Committee of Toronto, June, 2002.
 66. Ethnoracial Coalition on Coordinated Access to Addiction Services, "Addiction Trends in the Afghan, Pakistani, and Russian Communities," June, 2003.
 67. Millson, P. et al (1998), "Prevalence of HIV and other Bloodborne Viruses in Ontario IDU," Proceedings of the Division of HIV Epidemiology Annual Meeting," CIDPC, Health Canada.
 68. Millson, P. et al (1999), "Regional Variation in Prevalence and Risk Behaviours in Ontario Injection Drug Users (IDU)," Canadian Journal of Public Health, vol 21, No. 12, pp. 43-59.
 69. Poffemroth, L. (2000), "RARE Project in Victoria," Proceeding of the Division of HIV/AIDS Epidemiology and Surveillance, CIDPC, Annual meeting, Halifax, Nov 16-18, 2000.
 70. British Columbia Centre for Excellence, "Evaluation of the Supervised Injection Site: Year One Summary," September, 2004.
 71. The Works Injection Drug Users' Program, cumulative statistics for 2003.
 72. Siushansian, J, et al, "The Regina Seroprevalence Study: A profile of injection drug users and their sexual partners," Report prepared for the Prince Albert Health District and Saskatchewan Health Division of HIV/AIDS Epidemiology and Surveillance, CIDPC, 2001.
 73. ,Surveillance and Risk Assessment Division, Centre for Infectious Disease Prevention and Control, Health Canada," I-Track: Enhanced Surveillance and Risk Behaviours among Injecting Drug Users in Canada, Pilot Survey Report," February, 2004.

-
74. "Hepatitis C Prevention: An Examination of Current International Evidence, Executive Summary," Prepared for Hepatitis C Prevention, Support and Research Program, Hepatitis C Division, Population and Public Health Branch, Health Canada, 2002.
 75. "Harm Reduction and Injection Drug Use: an International Comparative study of Contextual Factors Influencing the Development and Implementation of relevant policies and programs," Prepared for Hepatitis C Prevention, Support and Research Program, Hepatitis C Division, Population and Public Health Branch, Health Canada, 2001.
 76. University of California, Berkeley, and Institute for Health Policy Studies, University of California, San Francisco School for Public Health, "The Public Health Impact of Needle Exchange Programs in the United States and Abroad: Summary, Conclusions, and Recommendations," October, 1993.
 77. "Youthlink Inner City, Hepatitis C Support Program," Final report, by Dr. Deborah Goodman, Toronto CAS, 2004.
 78. Gaetz, Stephen; O'Grady, Bill, and Bryan Vaillancourt(1999), "Making Money, The Shout Clinic Report on Homeless Youth and Employment," Central Toronto Community Health Centre.
 79. FAX on Drugs, Research Group on Drug Use, "Facts on Leukoencephalopathy," January, 2004.
 80. Smart, Reginald G. et al, (1992), "Drifting and Doing, Changes in Drug Use Among Toronto Street Youth, 1990-1992."
 81. Toronto Board of Health Report, "No Fixed Address: Young Parents on the Streets," July, 1998.
 82. "Jordan's Legacy, Reaching Pregnant Youth in the Inner City," presented at the Second International Conference on Urban Health, New York City, Fall, 2003.
 83. The National Drug Intelligence Center. U.S. Dept. of Justice, "Inhalant Fast Facts, Questions and Answers," 2003.
 84. State of Michigan; Michigan Dept. of Community Health; Office of Drug Control Policy; and Michigan Dept. of State Police, "Michigan Methamphetamine Control Strategy," April, 2002.
 85. "Health Advisory on GHB and Related Solvents, 2002," available at www.partysafe.org
 86. "RCMP Dismantles International Drug Smuggling Ring," RCMP press release Montreal, April, 2003.
 87. "Breaking the Cycle, Moving Forward from the Evaluation," Proceedings of the Conference, Held on February 6, 2004, Toronto, Ontario.
 88. Koren, G. (2004), "Breaking the Cycle: Reflections on the First Nine Years," Journal of FAS International, Vol. 2, No. 2, Toronto: Hospital for Sick Children.
 89. Avner, M. and Koren, G. (2004) "Breaking the Cycle - A Unique model for FASD Research. Journal of FAS International, Vol.2 , no. 2, Toronto: Hospital for Sick Children.
 90. "On Her Own: Young Women and Homelessness in Canada," Canadian Housing and Renewal Association with researchers Sylvia Novak, Luba Serge, Margaret Eberle and Joyce Brown, 2002

-
91. Bernstein, Joyce (1997) "Evaluation of the Seaton House Annex Harm Reduction Program," Toronto Public Health.
 92. Children's Aid Society of Toronto and Research Group on Drug Use, (1992), "Crack Use in the Families seen by the Children's Aid Society of Metropolitan Toronto."
 93. Toronto Board of Health, "Harm Reduction Programs Targeting Drug Users in the City of Toronto," April 28, 2003.
 94. Communication with the Office of the Chief Coroner of Ontario, December, 2004.
 95. The House of Commons Special Committee on Drug Use, "Report on the Non-Medical Use of Cannabis," December, 2002.
 96. U.S. National Institute on Drug Abuse, Community Epidemiology Work Group on Drug Abuse, "Report on Prescription Drug Use," advance report of the June, 2004 conference, October, 2004.
 97. Cavalieri, Walter, "Crack Use in Toronto, 2003," unpublished.
 98. www.ukcia.org/research/cannabispotencyinEurope.pdf.
 99. Community Epidemiology Surveillance Network on Drug Abuse, "Assessing Drug Abuse Within and Across Communities," National Institute on Drug Abuse, 1998.
 100. www.fda.gov the website for the U.S. Food and Drug Administration.
 101. Canadian Epidemiology Work Group on Drug Use, "Proceedings of the Methamphetamine Environmental Scan Summit," Vancouver November, 2002.
 102. www.corp.aadoc.com the website of the Alberta Alcohol and Drug Abuse Commission.
 103. Toronto Board of Health, "Homeless Youth with Concurrent Disorders," September, 2004.
 104. National Inhalant Prevention Council, "Inhalant Update," November, 2003.
 105. United Nations, "Substance Abuse Treatment and Care for Woman: Case Studies and Lessons Learned," New York, 2004.
 106. U.S. National Institute on Drug Abuse, Community Epidemiology Work Group on Drug Abuse, "Epidemiologic Trends in Drug Abuse," Vol.I, December, 1997.
 107. Kates, Steven M., "The Adoption of Methamphetamine among Homeless Youth in Downtown Vancouver, A Case Report," Simon Fraser University, Faculty of Business, 2004.