

THE EVALUATION OF NARCOTIC DRUGS DISTRIBUTION ANALYZED BY THE COUNCIL OF FORENSIC MEDICINE, ANKARA BRANCH ACCORDING TO PROVINCES IN 2006-2007

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ABSTRACT

In this study, the aim is that by investigating the files of narcotic drugs, which were analyzed and sent in 2006-2007 by twenty provinces Attorney General's Office and Law Courts belonging to The Council of Forensic Medicine, Ankara Branch, Chemistry Specialty Department, the field investigation, the provinces where they come from, the kinds of narcotic drugs and their amounts are statistically evaluated. 307 files belonging to 2006 and 274 files belonging to 2007 are evaluated. When the files are evaluated according to provinces where they come from, more files come from Konya (28.8 %) and Düzce (13.3 %). When the kinds of narcotic drugs belonging to 2006, their whole total amounts and their distribution according where they come from mostly are arranged; it is found that 44.5 % of totally 480.272 kg herbal cannabis coming from Konya, 61.3 % of totally 18.094 kg cannabis resin coming from Ankara, 99 % of totally 41.278 kg heroin coming from Bolu, 6.940 g cocaine coming from only Düzce and 78.7 % of totally 11395 ecstasy tablets coming from Konya. In 2007, it is found that 24.8 % of totally 85.621 kg herbal cannabis coming from Bolu and 26.6% from Çorum, 96.9 % of totally 20.781 kg cannabis resin coming from Bolu, 80.6 % of totally 23.458 kg heroin coming from Bolu, 88.7 % of totally 32.650 g cocaine coming from Ankara and 96.4 % of totally 16640 ecstasy tablets coming from Düzce.

INTRODUCTION

In terms of its geographical position, Turkey lays on important trafficking routes for international addictive substance trafficking. Drugs such as opium and cannabis derivatives are produced in South East Asia and trafficked to Turkey through Eastern and Southeastern borders and then, trafficked to other countries of market from western border of Turkey. And vice versa, amphetamine-type synthetic drugs produced in Europe are trafficked to Turkey. Out of these substances, ecstasy has a target group in Turkey and captagon and amphetamine are trafficked from South and Southeast regions of Turkey to Arabic countries. Similarly, components used in the manufacturing of illicit substances are trafficked to Turkey from Europe and then from Turkey to illicit manufacturing regions. According to the UNODC (United Nations Office on Drugs and Crime) 2007 World drug report there is illegal cannabis planting in 172 countries around world. Turkey is a transit country for opium poppy derivative drugs. There has been no significant change for world cocaine production in the year 2006. Although a weak decrease observed in seizures of cocaine in Turkey in the year 2006 no significant difference occurred between the years 2005 and 2006. Ecstasy which is classified as a soft substance in countries which are the producers of amphetamine type stimulant drugs is one of the prior subjects of Turkey. A decrease of 9% has been observed for the amount of ecstasy seized in Turkey has been observed in the year 2006 when compared to the year 2005. Drugs and drug abuse, just as in all countries, is one of the problems in our country which requires priority. There is an observed increase in drug-related crimes, the number of incidents and accordingly the number of detained suspects and the quantity of seized drugs and narcotics.

MATERIALS AND METHODS

In this study, it is investigated the files of narcotic drugs, which were analyzed and sent in 2006-2007 by twenty provinces Attorney General's Office and Law Courts belonging to The Council of Forensic Medicine, Ankara Branch, Chemistry Specialty Department, the field investigation, the provinces where they come from, the kinds of narcotic drugs, their distributions according to their purity rates and their amounts are statistically evaluated. 307 files belonging to 2006 and 274 files belonging to 2007 are evaluated. Dependent twenty provinces are Aksaray, Amasya, Ankara, Bartın, Bolu, Çankırı, Çorum, Düzce, Erzincan, Iğdır, Karabük, Kastamonu, Kayseri, Konya, Kırıkkale, Kırşehir, Nevşehir, Sinop, Yozgat and Zonguldak. Analyses of narcotic drugs were performed using TLC, GC (Agilent 6890) and GC/MS (Thermo, Finnigan Trace).

RESULTS

When the files are evaluated according to their field investigation, the files in investigation (2006: 58.9% and 2007: 58%) and the judging files about the crimes of keeping narcotic drugs available, using and trading (2006: 19.5% and 2007: 25.9%) are mostly seen. When the files are evaluated according to provinces where they come from, more files come from Konya (2006: 27% and 2007: 30.6%) and Düzce (2006: 12.4% and 2007: 14.2%). When the kinds of narcotic drugs belonging to 2006, their whole total amounts and their distribution according where they come from mostly are arranged; it is found that 44.5 % of totally 480.272 kg herbal cannabis coming from Konya, 61.3 % of totally 18.094 kg cannabis resin coming from Ankara, 99 % of totally 41.278 kg heroin coming from Bolu, 6.940 g cocaine coming from only Düzce and 78.7 % of totally 11395 ecstasy tablets coming from Konya.

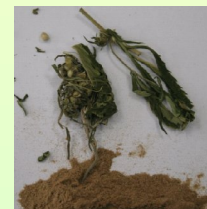
In 2007, it is found that 24.8 % of totally 85.621 kg herbal cannabis coming from Bolu and 26.6% from Çorum, 96.9 % of totally 20.781 kg cannabis resin coming from Bolu, 80.6 % of totally 23.458 kg heroin coming from Bolu, 88.7 % of totally 32.650 g cocaine coming from Ankara and 96.4 % of totally 16640 ecstasy tablets coming from Düzce (Table 1). In a file that came from Ankara in 2007, it is found that there is totally 0.310g LSD (lysergide). When looking at narcotic drugs purity rates, it is found that in 2006 heroin is 46.6%, cocaine is 70.2%, MDMA in ecstasy tablets is 34.7%; on the other hand, in 2007 heroin is 41.4%, cocaine is 75.7%, MDMA in ecstasy tablets is 41.7%. In ecstasy tablets; it is found that caffeine, quinine, theophylline and ketamine active materials are out of MDMA and/or amfetamin and/or MDA. In a file that came from Ankara in 2007, it is found that there is totally 0.793 mg LSD active material.

Table 1: Distribution of provinces where they come from, their amounts and the kinds of narcotic drugs according to the years.

Provinces	Year 2006					Year 2007				
	Herbal cannabis kg	Cannabis resin kg	Heroin kg	Cocaine g	Ecstasy tablet	Herbal cannabis kg	Cannabis resin kg	Heroin kg	Cocaine g	Ecstasy tablet
Aksaray	12.017	-	-	-	-	0.999	-	-	-	20
Amasya	0.596	-	-	-	-	10.907	-	-	-	-
Ankara	2.164	11.102	-	-	109	0.773	0.001	4.269	28.970	5
Bartın	1.821	0.951	-	-	-	0.359	-	-	-	-
Bolu	96.649	1.199	40.864	-	-	21.234	20.130	18.920	-	-
Çankırı	2.015	0.070	-	-	17	0.861	0.003	-	-	-
Çorum	115.237	0.004	-	-	-	22.775	-	0.001	-	-
Düzce	13.761	0.001	0.414	6.940	67	5.445	0.517	-	3.680	16041
Erzincan	-	-	-	-	-	0.008	-	-	-	15
Iğdır	-	-	-	-	-	-	-	-	-	-
Karabük	0.860	0.180	-	-	1852	0.549	-	-	-	-
Kastamonu	3.175	0.035	-	-	-	2.271	0.037	-	-	-
Kayseri	7.275	0.032	-	-	376	2.246	-	0.001	-	122
Konya	213.659	4.459	-	-	8972	7.666	0.045	0.263	-	64
Kırıkkale	0.056	-	-	-	-	0.072	-	-	-	-
Kırşehir	5.785	0.004	-	-	2	3.459	0.048	-	-	-
Nevşehir	2.327	-	-	-	-	1.467	-	-	-	-
Sinop	-	-	-	-	-	0.024	-	-	-	-
Yozgat	1.570	0.053	-	-	-	0.543	-	-	-	-
Zonguldak	1.305	0.004	-	-	-	3.963	-	0.004	-	373
Total	480.272	18.094	41.278	6.940	11395	85.621	20.781	23.458	32.650	16640



Ecstasy tablets



Cannabis



Heroin

DISCUSSION

When 2006 and 2007 years are compared, in 2007 there was a decrease on the amounts of herbal cannabis and heroin; on the other hand, the amounts of ecstasy tablets and cannabis resin increased. The following has been observed for the comparison of events and seizures in the years 2005 and 2006 in our country; increase for the amount of total cannabis event number and seizures, a soft decrease for the number of heroin event and increase for the amount of seizure, decrease for the number of cocaine event and amount of seizure, decrease for the number of captagon event and increase for the amount of seizure and a soft decrease for the number of ecstasy event and amount of seizure. When 2006 and 2007 years are compared, the difference has not been observed between narcotic drugs purity rates. In ecstasy tablets; it is found that caffeine, quinine, theophylline and ketamine active materials are out of MDMA and/or amfetamin and/or MDA. The level of purity of the substance is vital for users. When the data taken from Police and Gendarmerie Criminal Laboratories and the Council of Forensic Medicine in the year 2006 concerning the purity of some illegal substances in the level of streets are investigated; the average purity of 900 pieces of marihuana caught in Police and Gendarmerie territory found to be 20 % and the average rate of purity in 10 brown heroin seizure in the police territory found to be 36%. In 14 amphetamine events realized in the Police territory the average purity rate has been determined to be 10%. 623 events were investigated concerning the data gathered from contents of illegal tablets taken from Police Laboratories and the Council of Forensic Medicine in the year 2006. In these events it has been determined that 98.85% are MDMA, 0.98% amphetamines, 0.096% MDMA like substances, 0.05% MDMA, amphetamine, caffeine and similar substances and 0.024% caffeine and similar substances.

CONCLUSIONS

We think that these results which we found about this issue thanks to our study will be helpful for the statistical researches in the future.