



# MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

## MEDICAL WASTE BULLETIN, 2022

**Within the scope of by-law on Waste Management, annually waste declarations are notified by waste generators via Waste Management Application- Waste Declaration System which is under the Environment Information System of the Ministry of Environment, Urbanization and Climate Change.**

Data of medical waste that located in Waste Management Application- Waste Declaration System has comprise of waste producer's declarations.

2022 medical waste data consists of waste declaration data, transported to waste treatment facilities for sterilization and disposal.

In 2022, 17.624 facility made medical waste declaration in Turkey, As a result of these declarations 130.401 tonnes of medical waste was notified in Turkey.

### 1. The Amount of Medical Waste

Year	2017	2018	2019	2020	2021	2022
Amount	98.729	107.400	109.478	125.566	135.869	130.401

Table 1. Amount of Medical Waste (Tonnes)

In Turkey, 130.401 tonnes of medical waste was disposed in sterilization and incineration facilities in 2022.



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## MEDICAL WASTE BULLETIN, 2022

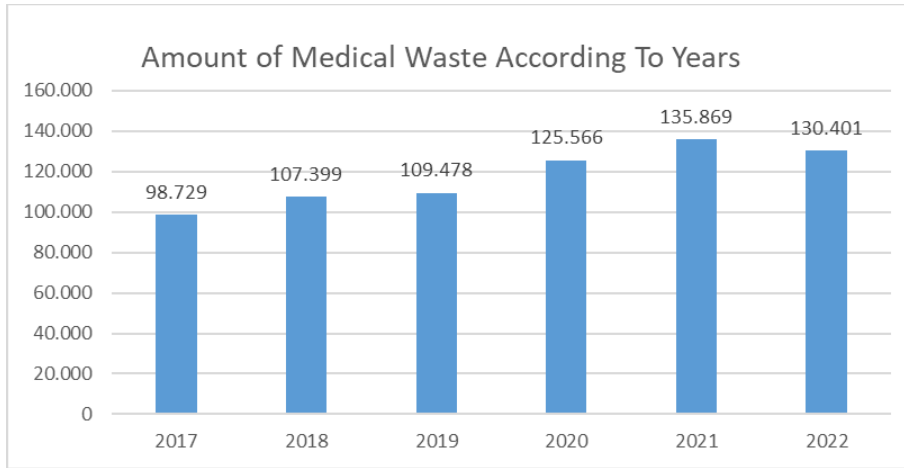


Chart 1. Amount Of Medical Waste (Tonnes)

## 2. Number of Declaration

	2017	2018	2019	2020	2021	2022
Number of facility that made medical waste declaration	14.325	15.612	16.076	16.387	17.935	17.624

Table 2. Number of facility that made medical waste declaration

In 2022, 17.624 facility made medical waste declaration in Turkey.

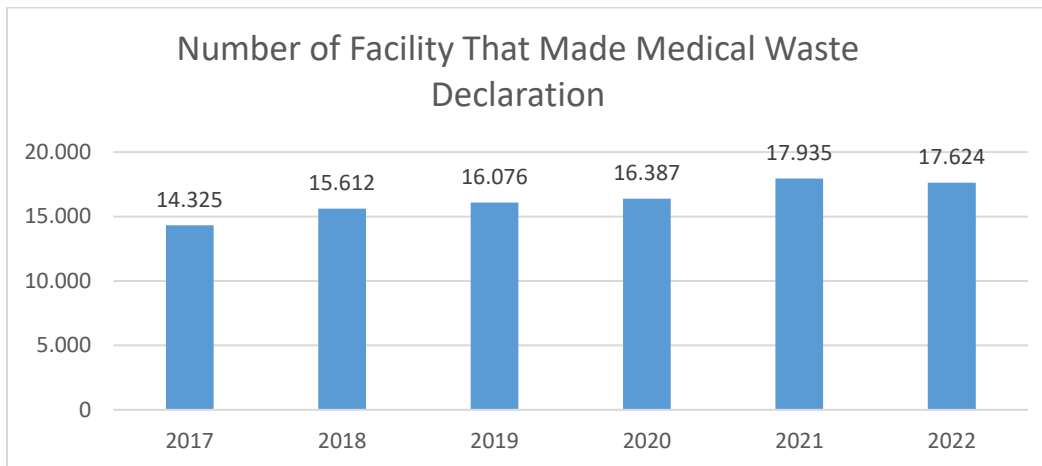


Chart 2. Number of facility that made medical waste declaration



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### 3. Amount of Medical Waste According to Treatment Method

Year	Sterilization	Incineration	Total (Tonnes)
2022	114.244	16.157	130.401

Table 3. Amount of Medical Waste According to Disposal Method

Total amount of medical waste in 2022, 88% of medical waste was disposed of in landfill facilities after sterilization and 12% was disposed of in incineration facility.

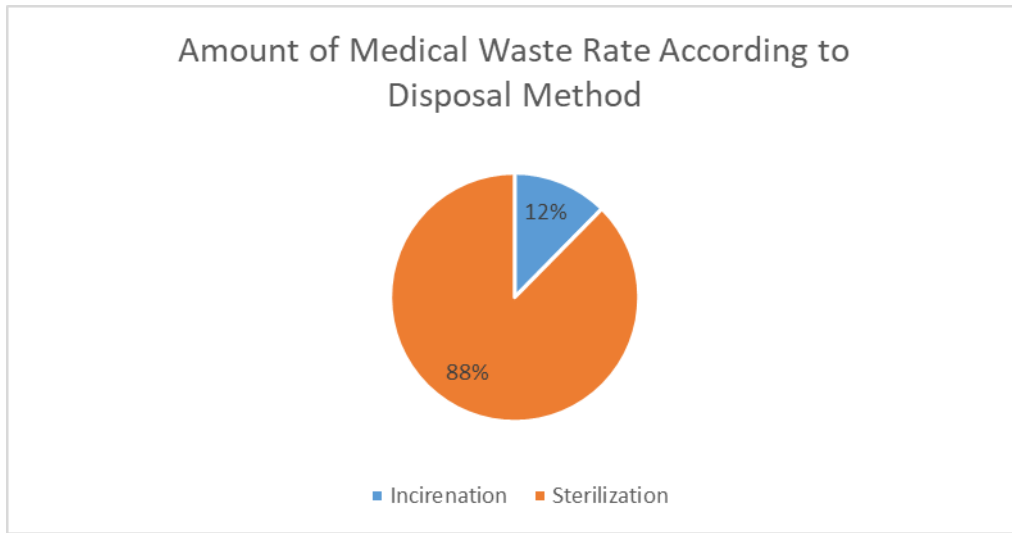


Chart 3. Amount of Medical Waste According to Disposal Method

### 4. Amount Of Medical Waste by Provinces, 2022

PROVINCE	AMOUNT OF WASTE (TONNES)
ADANA	4.052
ADYAMAN	754
AFYONKARAHİSAR	756
AĞRI	359
AKSARAY	372
AMASYA	404
ANKARA	10.328
ANTALYA	3.672

	AMOUNT OF WASTE (TONNES)
İZMİR	7.937
KAHRAMANMARAŞ	926
KARABÜK	403
KARAMAN	719
KARS	271
KASTAMONU	391
KAYSERİ	2.016
KIRIKKALE	362



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ARDAHAN	14
ARTVİN	148
AYDIN	1.500
BALIKESİR	1.116
BARTIN	270
BATMAN	901
BAYBURT	75
BİLECİK	208
BİNGÖL	210
BİTLİS	324
BOLU	514
BURDUR	270
BURSA	4.480
ÇANAKKALE	721
ÇANKIRI	169
ÇORUM	637
DENİZLİ	1.836
DİYARBAKIR	2.678
DÜZCE	751
EDİRNE	839
ELAZIĞ	1.038
ERZİNCAN	329
ERZURUM	1.220
ESKİŞEHİR	1.541
GAZİANTEP	2.567
GİRESUN	686
GÜMÜŞHANE	118
HAKKARİ	171

KIRKLARELİ	379
KIRŞEHİR	231
KİLİS	248
KOCAELİ	3.065
KONYA	3.041
KÜTAHYA	548
MALATYA	620
MANİSA	2.023
MARDİN	620
MERSİN	2.949
MUĞLA	1.350
MUŞ	285
NEVŞEHİR	270
NİĞDE	303
ORDU	999
OSMANİYE	397
RİZE	508
SAKARYA	1.422
SAMSUN	2.209
SİİRT	198
SİNOP	369
SİVAS	983
ŞANLIURFA	2.723
ŞIRNAK	233
TEKİRDAĞ	2.624
TOKAT	636
TRABZON	1.541
TUNCELİ	72



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HATAY	1.350	UŞAK	372
İĞDIR	227	VAN	1.138
İSPARTA	956	YALOVA	292
İSTANBUL	34.807	YOZGAT	462
		ZONGULDAK	898
<b>General Total = 130.401 tonnes</b>			

Table 4. Amount of Medical Waste by Province, 2022