



MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

MEDICAL WASTE BULLETIN, 2024

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 National 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.

2024 medical waste data consists of waste declaration data, transported to waste treatment facilities for sterilization and disposal.

In 2024, 16.948 facility made medical waste declaration in Turkey, As a result of these declarations 137.882 tonnes of medical waste was notified in Turkey.

1. The Amount of Medical Waste

Year	2017	2018	2019	2020	2021	2022	2023	2024
Amount	98.729	107.400	109.478	125.566	135.869	130.401	130.882	137.882

Table 1. Amount of Medical Waste (Tonnes)

In Turkey, 137.882 tonnes of medical waste was disposed in sterilization and incineration facilities in 2024.



MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

MEDICAL WASTE BULLETIN, 2024

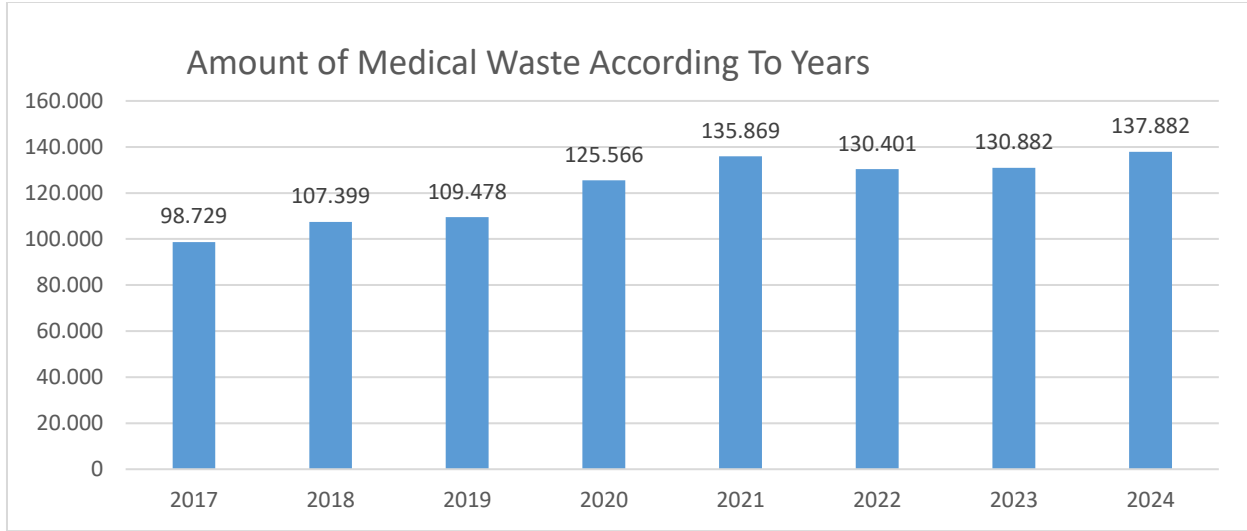


Chart 1. Amount Of Medical Waste (Tonnes)

2. Number of Declaration

	2017	2018	2019	2020	2021	2022	2023	2024
Number of facility that made medical waste declaration	14.325	15.612	16.076	16.387	17.935	17.624	17.113	16.948

Table 2. Number of facility that made medical waste declaration

In 2024, 16.948 facility made medical waste declaration in Turkey.



MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

MEDICAL WASTE BULLETIN, 2024

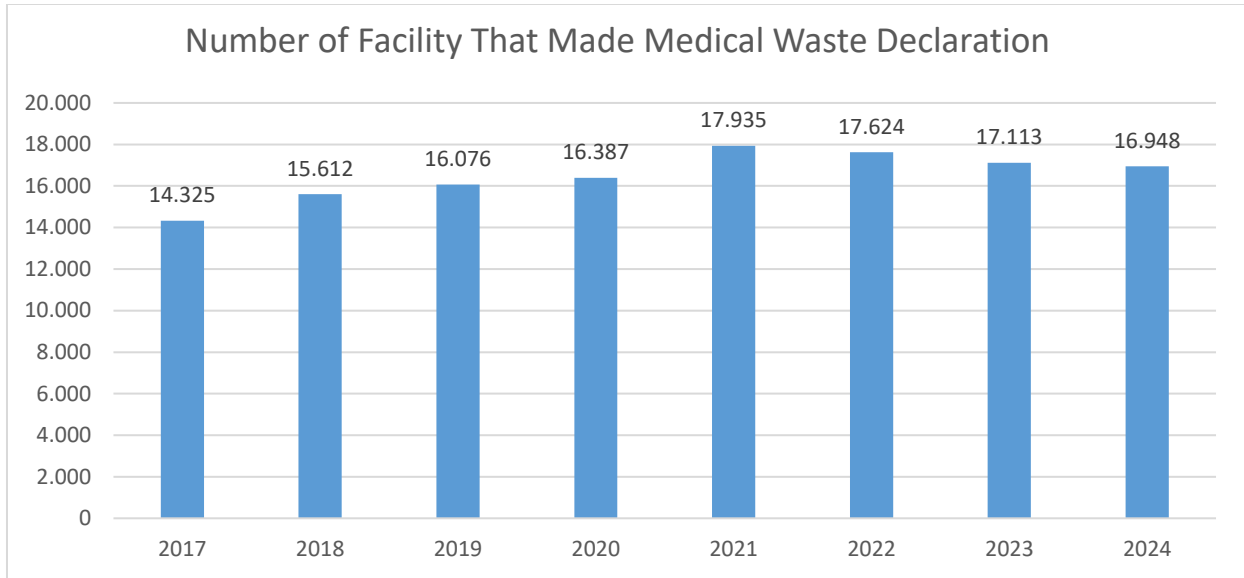


Chart 2. Number of facility that made medical waste declaration

3. Amount of Medical Waste According to Treatment Method

Year	Sterilization (Tonnes)	Incineration (Tonnes)	Total (Tonnes)
2024	118.140	19.742	137.882

Table 3. Amount of Medical Waste According to Disposal Method

Total amount of medical waste in 2024, 86% of medical waste was disposed of in landfill facilities after sterilization and 14% was disposed of in incineration facility.



MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

MEDICAL WASTE BULLETIN, 2024

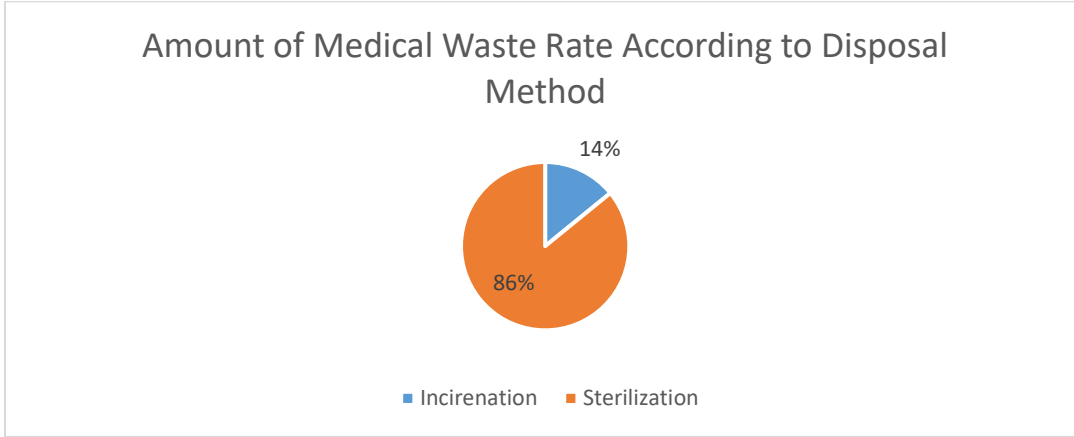


Chart 3. Amount of Medical Waste According to Disposal Method

4. Amount Of Medical Waste by Provinces, 2024

PROVINCE	AMOUNT OF WASTE (TONNES)
ADANA	3.595
ADYAMAN	542
AFYONKARAHİSAR	777
AĞRI	310
AKSARAY	454
AMASYA	413
ANKARA	11.976
ANTALYA	3.900
ARDAHAN	76
ARTVİN	145
AYDIN	1.638
BALIKESİR	1.688
BARTIN	308
BATMAN	809
BAYBURT	93

	AMOUNT OF WASTE (TONNES)
İZMİR	8.439
KAHRAMANMARAŞ	871
KARABÜK	492
KARAMAN	289
KARS	257
KASTAMONU	429
KAYSERİ	2.066
KIRIKKALE	384
KIRKLARELİ	590
KIRŞEHİR	224
KİLİS	283
KOCAELİ	3.261
KONYA	3.298
KÜTAHYA	553
MALATYA	1.296



MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

MEDICAL WASTE BULLETIN, 2024

BİLECİK	221	MANİSA	1.960
BİNGÖL	271	MARDİN	761
BİTLİS	332	MERSİN	3.515
BOLU	613	MUĞLA	1.389
BURDUR	264	MUŞ	304
BURSA	4.776	NEVŞEHİR	285
ÇANAKKALE	820	NİĞDE	335
ÇANKIRI	173	ORDU	1.011
ÇORUM	653	OSMANİYE	574
DENİZLİ	2.083	RİZE	562
DİYARBAKIR	3.927	SAKARYA	1.586
DÜZCE	711	SAMSUN	2.446
EDİRNE	986	SİİRT	237
ELAZIĞ	944	SİNOP	357
ERZİNCAN	339	SİVAS	1.022
ERZURUM	1.204	ŞANLIURFA	3.694
ESKİŞEHİR	1.520	ŞIRNAK	320
GAZİANTEP	2.921	TEKİRDAĞ	1.700
GİRESUN	780	TOKAT	736
GÜMÜŞHANE	130	TRABZON	1.559
HAKKARİ	0,1	TUNCELİ	76
HATAY	1.424	UŞAK	443
IĞDIR	148	VAN	1.203
ISPARTA	974	YALOVA	351
İSTANBUL	34.287	YOZGAT	474
		ZONGULDAK	1.025
General Total = 137.882 tonnes			

Table 4. Amount of Medical Waste by Province, 2024