



MEDICAL WASTE ISTATISTIC, 2021

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, Urbanisation and Climate Change.

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

2021 medical waste data consists of waste declaration data, transported to waste treatment facilities for sterilization and disposal.

In 2021, 17.935 facility made medical waste declaration in Turkey, As a result of these declarations

135.869 tonnes of medical waste was notified in Turkey.

1. The Amount of Medical Waste 2017-2021

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

Table 1. Amount of Medical Waste 2017-2021 (Tonnes)

In Turkey, 135.869 tonnes of medical waste was disposed in sterilization and incineration facilities in 2021.

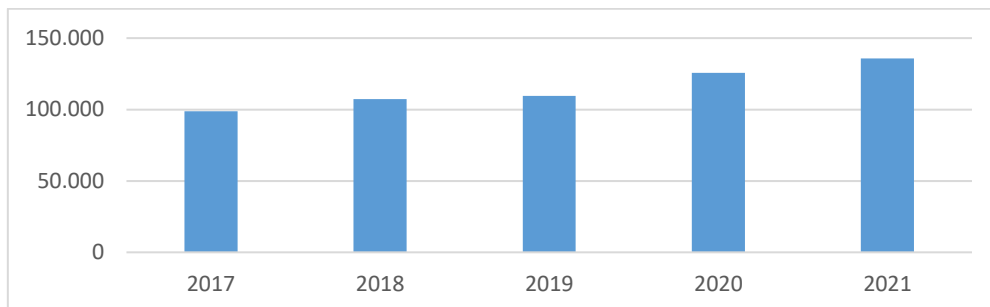


Chart 1. Amount Of Medical Waste In Last 5 Years (Tonnes)



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2. Number of Declaration, 2017-2021

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

Table 2. Number of facility that made medical waste declaration

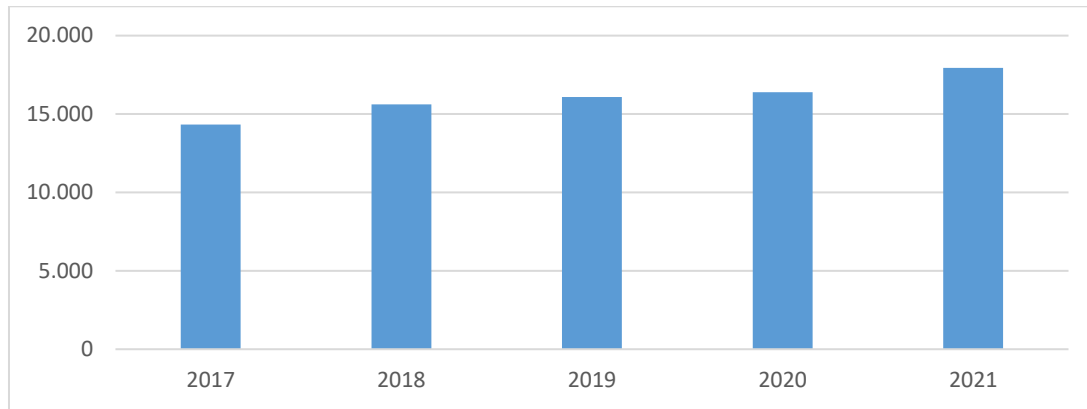


Chart 2. Number of facility that made medical waste declaration

3. Amount of Medical Waste According to Treatment Method

Year	Sterilization	Incineration	Total (Tonnes)
2021	119.219	16.650	135.869

Table 3. Amount of Medical Waste According to Disposal Method

Total amount of medical waste in 2021, 88% of medical waste was disposed of in landfill facilities after sterilization and 12% was disposed of in incineration facility.



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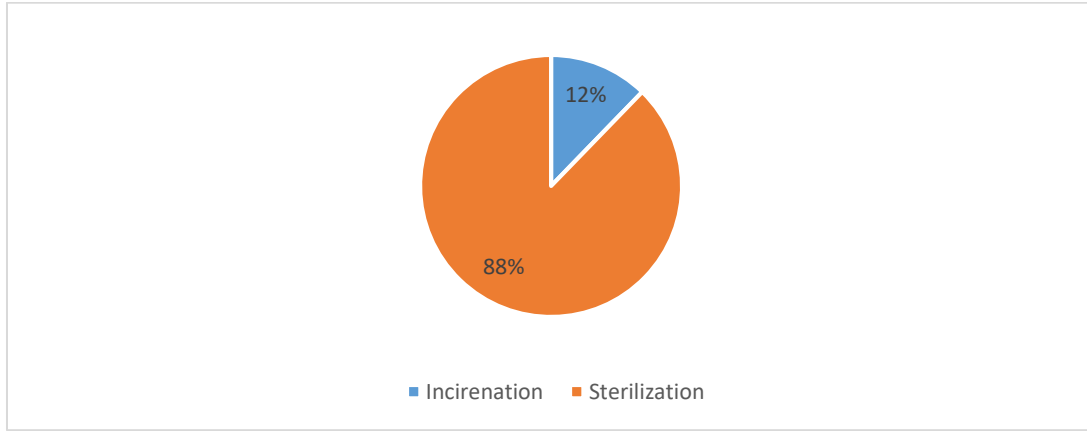


Chart 3. Amount of Medical Waste According to Disposal Method

4. Amount Of Medical Waste by Provinces, 2021

PROVINCE	AMOUNT OF WASTE (TONNES)
ADANA	4.188
ADIYAMAN	1.067
AFYONKARAHİSAR	829
AĞRI	489
AKSARAY	423
AMASYA	473
ANKARA	11.063
ANTALYA	3.959
ARDAHAN	83
ARTVİN	172
AYDIN	1.147
BALIKESİR	1.216
BARTIN	295
BATMAN	878
BAYBURT	102
BİLECİK	242
BİNGÖL	226

	AMOUNT OF WASTE (TONNES)
İZMİR	8.475
KAHRAMANMARAŞ	1.435
KARABÜK	469
KARAMAN	287
KARS	282
KASTAMONU	491
KAYSERİ	2.441
KIRIKKALE	366
KIRKLARELİ	339
KİRŞEHİR	228
KİLİS	264
KOCAELİ	3.235
KONYA	3.448
KÜTAHYA	645
MALATYA	1.396
MANİSA	2.087
MARDİN	731



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BİTLİS	314	MERSİN	3.362
BOLU	518	MUĞLA	1.324
BURDUR	303	MUŞ	336
BURSA	4.783	NEVŞEHİR	320
ÇANAKKALE	751	NİĞDE	323
ÇANKIRI	191	ORDU	1.165
ÇORUM	729	OSMANİYE	548
DENİZLİ	1.797	RİZE	613
DİYARBAKIR	2.814	SAKARYA	1.426
DÜZCE	769	SAMSUN	2.569
EDİRNE	915	ŞİRT	235
ELAZIĞ	1.018	SİNOP	428
ERZİNCAN	324	SİVAS	1.054
ERZURUM	1.396	ŞANLIURFA	2.689
ESKİŞEHİR	1.856	ŞIRNAK	303
GAZİANTEP	2.339	TEKİRDAĞ	1.559
GİRESUN	744	TOKAT	814
GÜMÜŞHANE	135	TRABZON	1.675
HAKKARİ	205	TUNCELİ	85
HATAY	1.975	UŞAK	382
IĞDIR	165	VAN	1.262
ISPARTA	874	YALOVA	330
İSTANBUL	33.100	YOZGAT	551
		ZONGULDAK	1.032
General Total = 135.869 tonnes			

Table 4. Amount of Medical Waste by Province, 2021