



USER MANUAL

Tandalt.mn environmental database

Document version 1.0

1. Purpose of report

In this document, we outlined core data structures and explained how to use environmental database, reports and dashboards.

2. Data providers

The following lists of data collects into the database

#	Data provider	Data	Data collection method
1	NAMEM	Weather,	Data upload
2	Center for health development	Disease	System integration
3	MOH(former Inspection agency)	Soil	Data entry
4	MOH(former Inspection agency)	Water	Data entry
5	MOH(former Inspection agency)	Waster water	Data entry
6	National Clean Air commession	Air quality	System integration

3. Data collection frequency

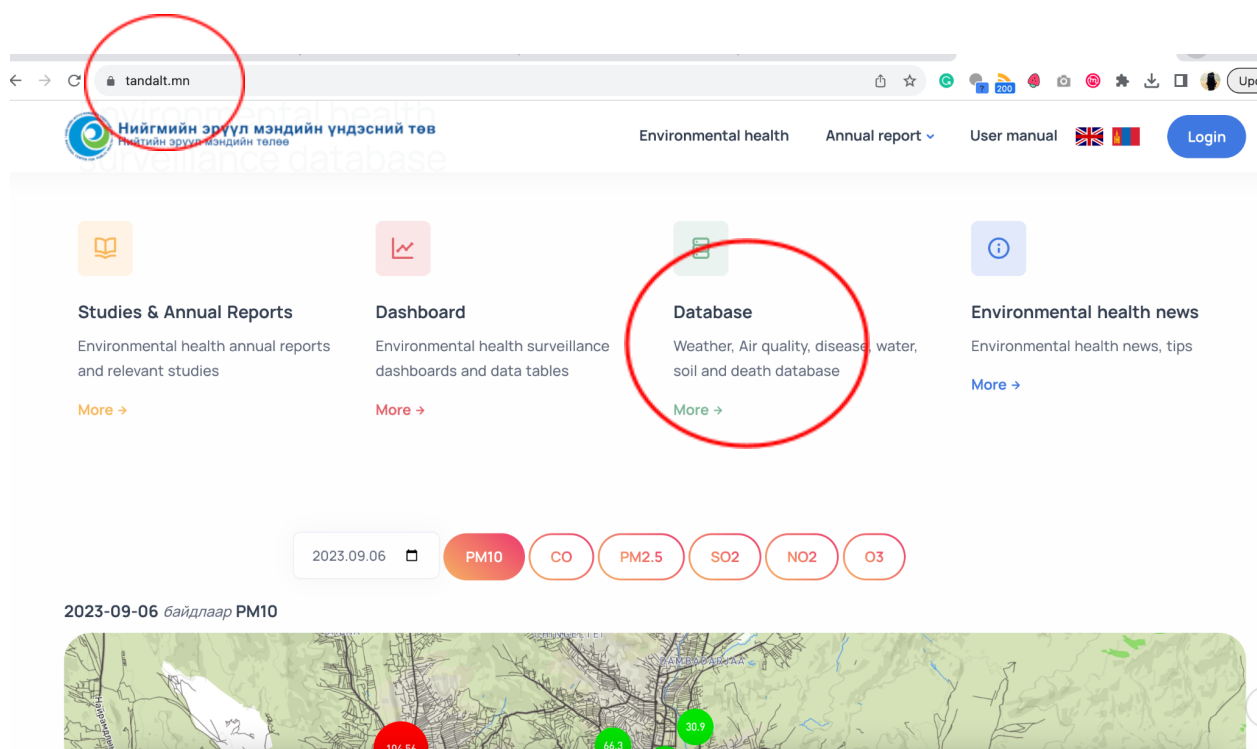
Due to technical capacity at data providers and data validation process, health and weather data collects by monhly frequency, however, quality of data is well documented and cleaned.

#	Data provider	Data	Data frequency
1	NAMEM	Weather	Monthly
2	Center for health development	Disease	Mothly
3	MOH(former Inspection agency)	Soil	Half year
4	MOH(former Inspection agency)	Water	Half year
5	MOH(former Inspection agency)	Waster water	Half year
6	National Clean Air commession	Air quality	Daily

4. Access database

The following steps guide you to get database:

- 1) Open up tandalt.mn web portal
- 2) Click on Database section
- 3) Data provider, Data frequency table shows data source and data structure information
- 4) Click database (updated date shows latest date that data stored in database)
- 5) Choose database
- 6) Select filters based on needs.





Data provider

Data frequency

User manual

Database

#	Data provider	Data	International code
1	Center for Health Development	Disease	A15-J45.9
2	Center for Health Development	Death	A15-J45.9
3	National Agency Meteorology and the Environmental Monitoring	Weather	
4	Ministry of Health	Soil	
5	Ministry of Health	Water	
6	National committee of air quality s	Air quality	

Data provider

Data frequency

User manual

Database

#	Environmental health	Updated date	Link
1	Weather, Air quality, Disease	2023-07-31	Link
2	Soil	2022	Link
3	Water	2022	Link

Filter options

Download excel

Provinces: Ulaanbaatar ✓

Soum, district: - Choose -

Start date: yyyy.mm.dd

End date: yyyy.mm.dd

Columns: Choose

Filter Clear

List

General information	
Date	Provinces

5. Filter options

- Provinces - Location
 - Soum, district
- Start date, End date
- Columns
 - Diseases
 - Acute infectious diseases of the lower respiratory tract
 - Children's flu and pneumonia
 - Heart attack
 - High blood pressure
 - Chronic obstructive pulmonary disease
 - Death
 - Acute infectious diseases of the lower respiratory tract
 - Children's flu and pneumonia
 - Heart attack
 - High blood pressure
 - Chronic obstructive pulmonary diseaseWeather
 - Air pressure
 - Wind speed
 - Tmin
 - Tmax
 - Precipitation
 - Air quality
 - Acute infectious diseases of the lower respiratory tract
 - Children's flu and pneumonia
 - Heart attack
 - High blood pressure
 - Chronic obstructive pulmonary disease
 - Lung cancer

Filter options

Download excel

Provinces

Ulaanbaatar

Soum, district

- Choose -

Start date

yyyy.mm.dd

End date

yyyy.mm.dd

Columns*

Choose

Acute infectious disease of the lower respiratory tract

Influenza and pneumonia

Heart attack

Hypertension

Chronic obstructive pulmonary disease

Lung cancer

Filter

Clear

List

General information

Date

Pr

2023 © Орчны эрүүл мэндийн хяналтын систем

5. Download option

Filter options

Download excel

Provinces

Ulaanbaatar

Soum, district

- Choose -

Start date

yyyy.mm.dd

End date

yyyy.mm.dd

Columns*

PM2.5

Filter

Clear

Air

PM2.5

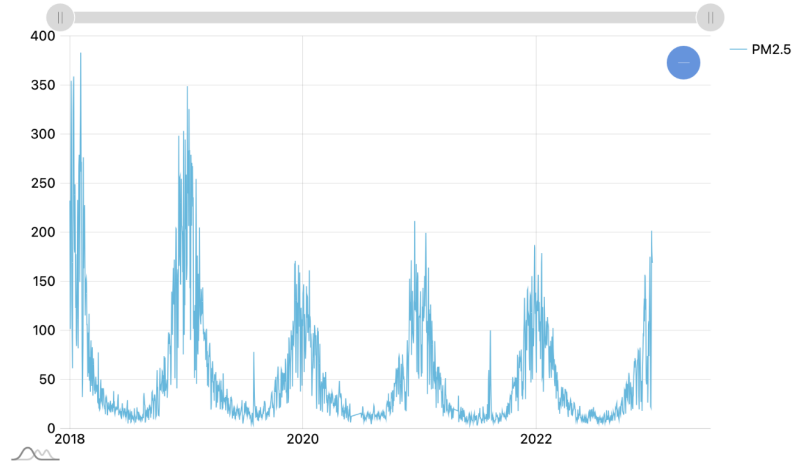
min

max

List

General information		Air
Date	Provinces	PM2.5
2018-01-01	Улаанбаатар	232.12
2018-01-02	Улаанбаатар	101.42
2018-01-03	Улаанбаатар	174.14
2018-01-04	Улаанбаатар	283.96
2018-01-05	Улаанбаатар	354.13
2018-01-06	Улаанбаатар	296.26

6. Graphic



7. Dashboard

1. Click dashboard from middle section
2. Select desired graphics from dashboard, click the link

Environmental health surveillance database



Studies & Annual Reports

Environmental health annual reports and relevant studies

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Dashboard

Environmental health surveillance dashboards and data tables

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Database

Weather, Air quality, disease, water, soil and death database

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Environmental health news

Environmental health news, tips

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Table

Method

Report

#	Name	Updated date	Link
1	Ulaanbaatar air quality	2023-08-11	Link
2	Average annual concentrations of air quality indicators	2023-08-11	Link
3	Average monthly concentration of air quality indicators	2023-08-11	Link
4	Air quality-related morbidity and mortality, per 10,000 population	2023-08-11	Link
5	Water pollution and morbidity of intestinal infectious diseases, per 10000 population	2023-08-11	Link
6	Dashboard of water indicators	2023-08-11	Link
7	Intestinal infectious diseases registered in Mongolia, by day, per 10,000 population	2023-08-11	Link
8	Degree of soil pollution in Ulaanbaatar city	2023-08-11	Link
9	Average values of soil pollution indicators, Ulaanbaatar city	2023-08-11	Link