

# Stats

- [SomaTech Stats API](#)

# SomaTech Stats API

Base URL: `https://sometechapi.nexgate.co`

## Endpoint Overview

#	Method	Path	Auth Required
1	GET	<code>/api/v1/stats</code>	No
2	GET	<code>/api/v1/stats/trend</code>	No
3	POST	<code>/api/v1/auth/add</code>	No
4	POST	<code>/api/v1/auth/request-otp</code>	No
5	POST	<code>/api/v1/auth/verify-otp</code>	No
6	POST	<code>/api/v1/message/send</code>	Yes — JWT
7	GET	<code>/api/v1/admin/users</code>	Yes — JWT
8	GET	<code>/api/v1/admin/messages</code>	Yes — JWT
9	GET	<code>/api/v1/admin/users/{userId}</code>	Yes — JWT

## Public Endpoints

### 1. Overall Stats

Returns total counts with no date filtering.

**Endpoint:**

```
GET /api/v1/stats
```

**Auth:** None — public endpoint

**Request:**

```
curl https://sometechapi.nexgate.co/api/v1/stats
```

## Response:

```
{
  "status": "success",
  "message": "Stats fetched successfully",
  "data": {
    "totalUsers": 1500,
    "totalMessages": 12400,
    "totalResponses": 11800,
    "trend": null
  }
}
```

## 2. Trend Stats

Returns overall counts plus daily breakdown for a date range.

### Endpoint:

```
GET /api/v1/stats/trend
```

**Auth:** None — public endpoint

### Query Params:

Param	Type	Required	Description
from	yyyy-MM-dd	No	Start date. Defaults to 30 days ago
to	yyyy-MM-dd	No	End date. Defaults to today

### Request:

```
# With date range
curl "https://somatechapi.nexgate.co/api/v1/stats/trend?from=2024-01-01&to=2024-03-01"

# Default last 30 days
curl "https://somatechapi.nexgate.co/api/v1/stats/trend"
```

### Response:

```
{
  "status": "success",
  "message": "Stats fetched successfully",
  "data": {
    "totalUsers": 1500,
    "totalMessages": 12400,
    "totalResponses": 11800,
    "trend": [
      {
        "date": "2024-01-01",
        "messages": 120,
        "responses": 115,
        "newUsers": 30
      },
      {
        "date": "2024-01-02",
        "messages": 98,
        "responses": 95,
        "newUsers": 12
      }
    ]
  }
}
```

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## Protected Endpoints

“ These endpoints require a valid JWT token in the `Authorization` header.

```
Authorization: Bearer <your_access_token>
```

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## 6. Send Message

Sends an SMS message on behalf of the authenticated server.

**Endpoint:**

POST /api/v1/message/send

**Auth:** Required — JWT Bearer token

### Request Body:

Field	Type	Required	Description
phoneNumber	string	Yes	Recipient phone number
text	string	Yes	Message content
sender	uuid	No	Sender UUID

```
{
  "phoneNumber": "+255712345678",
  "text": "Hello from SMS Gateway"
}
```

### Request:

```
curl -X POST https://somatechapi.nexgate.co/api/v1/message/send \
  -H "Content-Type: application/json" \
  -H "Authorization: Bearer <your_access_token>" \
  -d '{"phoneNumber": "+255712345678", "text": "Hello from SMS Gateway"}'
```

### Response:

```
{
  "status": "success",
  "message": "Message sent successfully",
  "data": {
    "messageId": "550e8400-e29b-41d4-a716-446655440000",
    "sender": "550e8400-e29b-41d4-a716-446655440001",
    "phoneNumber": "+255712345678",
    "text": "Hello from SMS Gateway",
    "response": "AI response here",
    "creationDate": "2024-01-01T10:00:00Z",
    "modificationDate": "2024-01-01T10:00:00Z",
    "isDeleted": false
  }
}
```

# 7. Admin — List Users

Returns a paginated list of all registered users with optional date filtering.

## Endpoint:

```
GET /api/v1/admin/users
```

**Auth:** Required — JWT Bearer token

## Query Params:

Param	Type	Required	Default	Description
page	int	No	0	Page number (zero-based)
size	int	No	20	Page size
from	yyyy-MM-dd	No	—	Filter by creation date start
to	yyyy-MM-dd	No	—	Filter by creation date end

## Request:

```
curl "https://somatechapi.nexgate.co/api/v1/admin/users?page=0&size=20" \
-H "Authorization: Bearer <your_access_token>"
```

## Response:

```
{
  "status": "success",
  "message": "Users fetched successfully",
  "data": {
    "content": [
      {
        "userId": "550e8400-e29b-41d4-a716-446655440000",
        "firstName": "John",
        "lastName": "Doe",
        "phoneNumber": "+255712345678",
        "connects": 10,
        "createdDate": "2024-01-01T10:00:00Z",
        "totalMessages": 42
      }
    ]
  }
}
```

```
    }
  ],
  "totalElements": 1500,
  "totalPages": 75,
  "page": 0,
  "size": 20
}
}
```

## 8. Admin — List Messages

Returns a paginated list of all messages with optional date filtering.

### Endpoint:

```
GET /api/v1/admin/messages
```

**Auth:** Required — JWT Bearer token

### Query Params:

Param	Type	Required	Default	Description
page	int	No	0	Page number (zero-based)
size	int	No	20	Page size
from	yyyy-MM-dd	No	—	Filter by creation date start
to	yyyy-MM-dd	No	—	Filter by creation date end

### Request:

```
curl "https://somatechapi.nexgate.co/api/v1/admin/messages?page=0&size=20&from=2024-01-01&to=2024-03-01" \
-H "Authorization: Bearer <your_access_token>"
```

### Response:

```
{
  "status": "success",
```

```
"message": "Messages fetched successfully",
"data": {
  "content": [
    {
      "messageId": "550e8400-e29b-41d4-a716-446655440000",
      "senderId": "550e8400-e29b-41d4-a716-446655440001",
      "senderName": "John Doe",
      "senderPhone": "+255712345678",
      "text": "Hello",
      "response": "AI response here",
      "recipientPhone": "+255787654321",
      "creationDate": "2024-01-01T10:00:00Z"
    }
  ],
  "totalElements": 12400,
  "totalPages": 620,
  "page": 0,
  "size": 20
}
}
```

## 9. Admin — Get User by ID

Returns a single user's profile alongside their paginated messages, with optional date range filtering on messages.

### Endpoint:

```
GET /api/v1/admin/users/{userId}
```

**Auth:** Required — JWT Bearer token

### Path Param:

Param	Type	Description
<code>userId</code>	<code>uuid</code>	The UUID of the user

### Query Params:

Param	Type	Required	Default	Description
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page	int	No	0	Page number (zero-based)
size	int	No	20	Page size
from	yyyy-MM-dd	No	—	Filter messages by creation date start
to	yyyy-MM-dd	No	—	Filter messages by creation date end

### Request:

```
curl "https://somatechapi.nexgate.co/api/v1/admin/users/550e8400-e29b-41d4-a716-446655440000?page=0&size=20&from=2024-01-01&to=2024-03-01" \
-H "Authorization: Bearer <your_access_token>"
```

### Response (200 OK):

```
{
  "status": "success",
  "message": "User fetched successfully",
  "data": {
    "user": {
      "userId": "550e8400-e29b-41d4-a716-446655440000",
      "firstName": "John",
      "lastName": "Doe",
      "phoneNumber": "+255712345678",
      "connects": 10,
      "createdDate": "2024-01-01T10:00:00Z",
      "totalMessages": 42
    },
    "messages": {
      "content": [
        {
          "messageId": "550e8400-e29b-41d4-a716-446655440002",
          "senderId": "550e8400-e29b-41d4-a716-446655440000",
          "senderName": "John Doe",
          "senderPhone": "+255712345678",
          "text": "Hello",
          "response": "AI response here",
          "recipientPhone": "+255787654321",
          "creationDate": "2024-01-01T10:00:00Z"
        }
      ]
    }
  }
}
```

```
    ],
    "totalElements": 42,
    "totalPages": 3,
    "page": 0,
    "size": 20
  }
}
```

### Response (404 Not Found):

```
{
  "status": "failed",
  "message": "User not found",
  "data": null
}
```

## Notes

- All dates must be in `yyyy-MM-dd` format
- If `from` is provided without `to`, `to` defaults to today
- If neither is provided, trend defaults to last 30 days
- `trend` is `null` on the overall stats endpoint
- JWT tokens are obtained from the `/api/v1/auth/verify-otp` response
- Pagination is zero-based — `page=0` returns the first page