

# Wait Wait Stats Project

**Linh Pham**

Pronouns: he/him, they/them

Stats Page: [stats.wwdt.me](https://stats.wwdt.me)

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# What is the Wait Wait?

- Weekly news quiz show on NPR based in Chicago
- First aired on January 3rd, 1998
- Show format
  - Rotating panel of 3 panelists
  - Questions from current events and funny news stories
  - 7 segments, including Not My Job with celebrity guests and Bluff the Listener



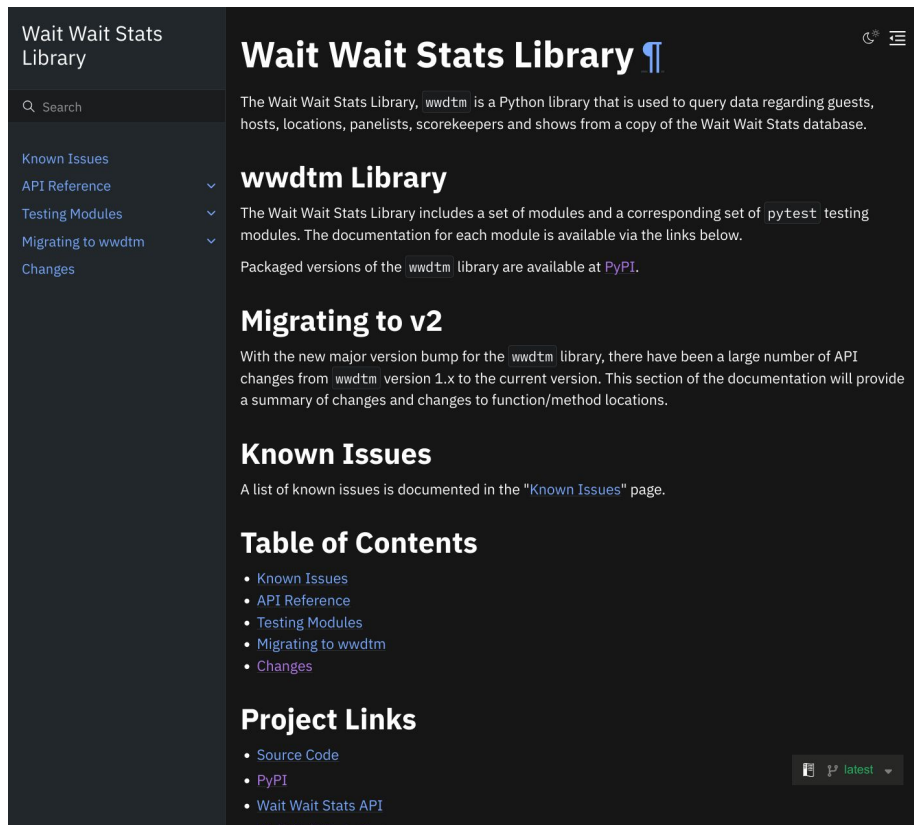
# What is the Wait Wait Stats Project?

- Started in 2007 with the original Stats Page
- MySQL database containing scores, appearances and notes from NPR's "Wait Wait... Don't Tell Me!" weekly quiz show
- Data access layer and stats library written in Python and using NumPy for calculating statistics
- A collection of websites, developed in Python, that present the collected information in various formats

# Wait Wait Stats Library

[docs.wwdt.me](https://docs.wwdt.me)

- Foundational library for the Stats Page, Graphs Site and Stats API
- Using reStructuredText for docstrings and Sphinx for generating documentation
- Hosted through Read The Docs



The screenshot shows the documentation page for the Wait Wait Stats Library. On the left is a dark sidebar with the title 'Wait Wait Stats Library' and a search bar. Below the search bar are links for 'Known Issues', 'API Reference', 'Testing Modules', 'Migrating to wwdtm', and 'Changes'. The main content area has a dark background and features the title 'Wait Wait Stats Library' with a logo. It includes a description of the library as a Python tool for querying Wait Wait Stats database data. Key sections include 'wwdtm Library' which mentions its use with pytest, 'Migrating to v2' which discusses API changes, 'Known Issues' with a link to the issues page, 'Table of Contents' with a list of links, and 'Project Links' with links to source code, PyPI, and the API. A 'latest' version selector is in the bottom right corner.

Wait Wait Stats Library

Search

Known Issues

API Reference

Testing Modules

Migrating to wwdtm

Changes

## Wait Wait Stats Library

The Wait Wait Stats Library, `wwdtm` is a Python library that is used to query data regarding guests, hosts, locations, panelists, scorekeepers and shows from a copy of the Wait Wait Stats database.

### wwdtm Library

The Wait Wait Stats Library includes a set of modules and a corresponding set of `pytest` testing modules. The documentation for each module is available via the links below.

Packaged versions of the `wwdtm` library are available at [PyPI](#).

### Migrating to v2

With the new major version bump for the `wwdtm` library, there have been a large number of API changes from `wwdtm` version 1.x to the current version. This section of the documentation will provide a summary of changes and changes to function/method locations.

### Known Issues

A list of known issues is documented in the "[Known Issues](#)" page.

### Table of Contents

- [Known Issues](#)
- [API Reference](#)
- [Testing Modules](#)
- [Migrating to wwdtm](#)
- [Changes](#)

### Project Links

- [Source Code](#)
- [PyPI](#)
- [Wait Wait Stats API](#)

latest

# Wait Wait Stats Page

[stats.wwdt.me](https://stats.wwdt.me)

- Built with Flask and Bootstrap
- Earlier versions written in PHP
- Provides details for key elements, including:
  - Guests
  - Hosts
  - Locations
  - Panelists
  - Scorekeepers

Wait Wait Stats Page	
Shows > 2025 > February > 1	
Show Details	
2025-02-01	
NPR	DB ID: 1415
Location	
Studebaker Theater (Chicago, Illinois)	
Host	Scorekeeper
Peter Sagal	"I'm the voice that puts the "fun" in "defund public broadcasting" Guest: <a href="#">Chioke I'Anson</a>
Panelists	Not My Job Guest(s)
First: <a href="#">Adam Felber</a> 15 (3 / 6) Second: <a href="#">Rekha Shankar</a> 10 (2 / 4) Third: <a href="#">Joyelle Nicole Johnson</a> 9 (3 / 3)	<a href="#">Amber Maykut</a> 3
Bluff	
#1 Chosen: <a href="#">Joyelle Nicole Johnson</a>	Chosen: <a href="#">Adam Felber</a>
Description	
Who's Chioke This Time?; Panel Questions; Bluff the Listener about a unique side hustle; Not My Job about live animals getting into people's homes; Panel Questions; Listener Limerick Challenge; Lightning Fill-in-the-Blank; Panelist Predictions: Now that eggs are so expensive, what will be the next surprising breakfast staple?	

# Wait Wait Reports Site

[reports.wwdt.me](https://reports.wwdt.me)

- Built with Flask and Bootstrap
- Live reports on providing detailed statistics that didn't fit in with the Stats Page
- Example Reports
  - Not My Job Guest Scoring Exceptions
  - Average Score by Recording Location
  - Lightning Round Ending in a Three-Way Tie

☰

Wait Wait Reports

Locations > Average Scores by Location

### Average Scores by Location

This report provides a list of show locations and the corresponding average panelist score and average total score, in descending order.

One exception from the scoring is the 25th Anniversary Special, which aired on [October 27, 2018](#). The show's total score has been excluded due to the unique Lightning Fill-in-the-Blank format.

Venue	City	State	Average Score	Average Total	Shows
<a href="#">North Charleston Performing Arts Center</a>	Charleston	SC	17.66667	53	1
<a href="#">Sangamon Auditorium</a>	Springfield	IL	16.66667	50	1
<a href="#">Dr. Phillips Center for the Performing Arts</a>	Orlando	FL	16.5	49.5	2
<a href="#">Providence Performing Arts Center</a>	Providence	RI	16	48	1
<a href="#">Hill Auditorium at University of Michigan</a>	Ann Arbor	MI	15.5	46.5	2
<a href="#">Byham Theater</a>	Pittsburgh	PA	15.33333	46	1
<a href="#">Merrill Hall at Asilomar Conference Grounds</a>	Pacific Grove	CA	15.33333	46	1
<a href="#">Orpheum Theatre</a>	Memphis	TN	15.33333	46	1
<a href="#">Pikes Peak Center</a>	Colorado Springs	CO	15.33333	46	1
<a href="#">University of Chicago</a>	Chicago	IL	15.33333	46	1
<a href="#">Davies Symphony Hall</a>	San Francisco	CA	15	45	1
<a href="#">Eaton Chapel at Beloit College</a>	Beloit	WI	15	45	1

[graphs.wwdt.me](https://graphs.wwdt.me)

- Shows > Monthly Average Score Heatmap

### Monthly Average Score Heatmap

This heatmap chart displays average panelist scores on a monthly basis.

Monthly Average Score Heatmap

The heatmap displays average panelist scores on a monthly basis from 2000 to 2025. The Y-axis represents the Year (2000, 2005, 2010, 2015, 2020, 2025) and the X-axis represents the Month (January, February, March, April, May, June, July, August, September, October, November, December). A color scale on the right indicates scores from 0 (dark red) to 20 (yellow). The heatmap shows a general trend of increasing scores over time, with a notable dip in scores around 2008-2009, likely due to the global financial crisis. Scores are generally higher in the later years (2020-2025) and lower in the earlier years (2000-2005).

# Wait Wait Stats API

[api.wwdt.me](https://api.wwdt.me)

- Built with FastAPI
- API documentation automatically generated
- Swagger UI available for querying the API via web browser

## Wait Wait Don't Tell Me Stats API 2.17.1 OAS 3.1

[/v2.0/openapi.json](#)

Wait Wait Don't Tell Me Stats API provides endpoints to query data for Not My Job Guests, Show Hosts, Recording Locations, Panelists, Scorekeepers, and Shows.

Source code for this application is available on [GitHub](#).

[Linh Pham - Website](#)

[Send email to Linh Pham](#)

Apache 2.0

### Guests Retrieve information and appearances for Not My Job Guests

GET	/v2.0/guests	Retrieve Information for All Not My Job Guests	▼
GET	/v2.0/guests/id/{guest_id}	Retrieve Information by Not My Job Guest ID	▼
GET	/v2.0/guests/slug/{guest_slug}	Retrieve Information by Guest Slug String	▼
GET	/v2.0/guests/details	Retrieve Information and Appearances for All Not My Job Guests	▼
GET	/v2.0/guests/details/id/{guest_id}	Retrieve Information and Appearances by Not My Job Guest ID	▼
GET	/v2.0/guests/details/random	Retrieve Information and Appearances for a Random Not My Job Guest	▼
GET	/v2.0/guests/details/slug/{guest_slug}	Retrieve Information and Appearances by Guest Slug String	▼
GET	/v2.0/guests/random	Retrieve Information for a Random Not My Job Guest	▼
GET	/v2.0/guests/random/id	Retrieve a Random Not My Job Guest ID	▼



# Thanks!

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