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API Reference

Here is Sensor Tower's API documentation. You can use these API endpoints to access information such as Google Play / App Store reviews, related keywords, category rankings, downloads/revenues, and other app data. Click on the APIs to get more information on each available endpoint.

You can try each endpoint in this reference documentation to receive a sample request URL and response body. To try the endpoints, enter your auth token on the upper right, select the endpoint you want to try, adjust the parameters as necessary and click on "Try it out!" You can find your auth token on your [user account profile](#).

**Your browser may not be able to load a large response on this page. Please try with a small date ranges and or apps / countries combination to see the sample responses. If you want to see a larger sample response, you can use your default API client of choice.**

**Rate Limit:** 6 requests per second

Requests should be made to the following base URL, followed by the specific path to the API you want to use.

Base URL <https://api.sensortower-china.com/>

[App Intelligence](#) [Store Intelligence](#) [Ad Intelligence](#) [Usage Intelligence](#) [App Teardown](#)

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- ## Download / Revenue Estimates

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- ■ [get /v1/{os}/sales\\_report\\_estimates](#)
  - [Fetches Download / Revenue Estimates of Apps & Publishers](#)

## Implementation Notes

Retrieve download / revenue estimates of apps by country and date.  
[Download / Revenue Estimate Response Key](#)

Note: The latest day's available Google Play estimates may change. More data becomes available to us a day later and we use this data to recalibrate the estimate for increased accuracy.

**At least one app ID, or one publisher ID is required.** Some Android publisher IDs contain commas. If you want to query by these publisher IDs, please use the **array parameter format** instead of the comma separated format. (I.e. ?

`publisher_ids[]=AndroidPubId1&publisher_ids[]=AndroidPubId2&publisher_ids[]=...`)

There are times when the API will timeout or return an **Internal Server Error** response. When this occurs, it is recommended to segment the query by **start\_date** and **end\_date** depending on the **date\_granularity** as follows:

### date\_granularity Recommendation

daily	limit start_date and end_date to 1 week segments
weekly	limit start_date and end_date to 3 month segments
monthly	limit start_date and end_date to 1 year segments
quarterly	limit start_date and end_date to 2 year segments

**Note: All revenues are returned in cents.**

## Parameters

Parameter	Value	Description	Parameter Type	Data Type
os	<input type="text" value="ios (default)"/>	Operating System (use "ios", "android", or "unified")	path	String
app_ids	<input type="text" value="284882215"/>	IDs of apps, separated by commas	query	Array

Parameter	Value	Description	Parameter Type	Data Type
publisher_ids	<input type="text"/>	Publisher IDs of apps, separated by commas ( <a href="#">See implementation notes for specific implementations regarding Android publisher IDs</a> )	query	Array
countries	<input type="text" value="WW"/>	Specify the countries you want download / revenue for, <a href="#">Country Codes</a> , separated by commas (use "WW" for worldwide)	query	Array
date_granularity	<input type="text" value="daily (default)"/>	Aggregate estimates by granularity (use "daily", "weekly", "monthly", or "quarterly") defaults to "daily"	query	String
start_date	<input type="text" value="2015-07-15"/>	<b>Start Date, YYYY-MM-DD Format</b>	query	String
end_date	<input type="text" value="2015-07-20"/>	<b>End Date, YYYY-MM-DD Format</b>	query	String

## Response Messages

HTTP Status Code	Reason	Response Model
200	Success	<ul style="list-style-type: none"> <li>▪ <a href="#">Model</a></li> <li>▪ <a href="#">Model Schema</a></li> </ul>
401	Invalid Credential	<pre> unauthorized {   error (string) }</pre>

HTTP Status Code	Reason	Response Model
403	Forbidden	<ul style="list-style-type: none"> <li>▪ <a href="#">Model</a></li> <li>▪ <a href="#">Model Schema</a></li> </ul> <pre>forbidden {   error (string) }</pre>
422	Invalid Query Parameter	<ul style="list-style-type: none"> <li>▪ <a href="#">Model</a></li> <li>▪ <a href="#">Model Schema</a></li> </ul> <pre>unprocessable_entity {   errors (array[error_message]) } error_message {   title (string) }</pre>

Try it out!

## • Compact Download / Revenue Estimates

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## • Games Breakdown

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## • Store Summary

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[ BASE URL: <https://sensortower-china.com/> , API VERSION: 1.0 ]

[changes: </api/v1/CHANGELOG.md>]