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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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• [Top Publishers](#)

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• [Download / Revenue Estimates](#)

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• [Compact Download / Revenue Estimates](#)

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- **▪ [get /v1/{os}/compact_sales_report_estimates](#)**
 - [Fetches datasets of Download / Revenue Estimates of Apps in compact format](#)

Implementation Notes

Retrieve datasets of download / revenue estimates of apps by country and date. All revenues are returned in cents.

Note: The latest few days estimates could change since our models retroactively increase accuracy of recent data.

This endpoint lags behind regular [Download / Revenue Estimates](#) endpoint a few hours and this can cause a temporary discrepancy of data between these two endpoints.

At least one of the App ID, Publisher ID, or Category parameters is required.

If a response is too large or if the endpoint takes too long to respond it will return an error. To prevent this, reduce the number of apps requested per call:

Parameter	Recommendation
app_ids, unified_app_ids	No more than 100 IDs
publisher_ids, unified_publisher_ids	If a publisher has many apps it's recommended to fetch one publisher at a time

Response Class

- [Model](#)
- [Model Schema](#)

CompactSalesReportResponse {
 serialized_sales_reports (Array): [Serialized sales report estimates format](#),
 lookup_table (object): key/value pairs of app_id/unified_app_id and publisher_id/unified_publisher_id,
 publisher_lookup_table (object): key/value pairs of app_id/publisher_id,
 unified_publisher_lookup_table (object): key/value pairs of app_id/unified_publisher_id
}

Response Content Type application/json ▼

Parameters

Parameter	Value	Description	Parameter Type	Data Type
os	ios ▼	Operating System	path	string
start_date	2020-01-01	Start Date, YYYY-MM-DD Format	query	string
end_date	2020-01-02	End Date, YYYY-MM-DD Format	query	string
app_ids	284882215	IDs of apps, separated by commas	query	Array
publisher_ids[]		Publisher IDs of apps. Please use the array parameter format (i.e. publisher_ids[]=id1&publisher_ids[]=id2&...)	query	Array
unified_app_ids		IDs of unified apps, separated by commas	query	Array
unified_publisher_ids		IDs of unified publishers, separated by commas	query	Array
categories		Categories, separated by commas, see Category IDs .	query	Array
date_granularity	daily (default) ▼	Aggregate estimates by granularity	query	String

Response Messages

HTTP Status Code	Reason	Response Model
200	Success	<ul style="list-style-type: none">▪ Model▪ Model Schema
401	Invalid Credential	unauthorized { error (string) }
403	Forbidden	forbidden { error (string) }

HTTP Status Code	Reason	Response Model
422	Invalid Query Parameter	<div><div><div>▪ Model</div><div>▪ Model Schema</div></div><div><pre>unprocessable_entity { errors (array[error_message]) } error_message { title (string) }</pre></div></div>

Try it out!

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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>]