OFFENDERS.IO

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API Spec / Sandbox to play with the API

You can follow the link below to learn about the API specs and sample code to fetch from the API. You can also play with the API there once you have obtained your API key from us.
https://offenders.readme.io/reference/search

Request Format

We support 2 search modes, GIS (geolocation) search, and regular search.

Regular search
The Search Mode will search based on the provided query params, you can use any combination of firstName, lastName, city, state, zipcode, dob. The API will process your query as long as there is at least one query params presented in the request:

https://api.offenders.io/sexoffender?key={YOUR_API_KEY}&firstName=Alice&zipcode=12345

Regular search - Extensive Mode (<u>$0.05 additional cost</u> per call)
The Search Mode supports an additional &mode=extensive param, which will pull additional datasets to perform an extensive search & match for your query, this includes searching through all known aliases that are currently on file with the state. The extensive mode should be used if you need State-compliance visitor screening (e.g. healthcare facilities). Please note this mode will come with a significant response time increase compared to the normal mode and should only be used if needed (~ 2s+ response time). **The extensive mode has a rate limit and should not be used for batch processing.**

GIS (geolocation) search
The GIS mode is used to do geolocation-based searches, it takes in lat, lng, and radius. You can further filter down the results with query params: firstName, lastName, city, state, zipcode, dob:

https://api.offenders.io/sexoffender?lat=30.967139&lng=-91.116236&radius=2&key={YOUR_API_KEY}&firstName=Michael&page=3

Request Query Params

You can find all the supported query params and play with the API endpoint here
https://offenders.readme.io/reference/search

Field Name	Description	Example Value
`firstName`	(string) First name of the offender	"Alice"
`lastName`	(string) Last name of the offender	"Ceci"
`dob`	(string) A valid date	"1900-01-01"
`city`	(string) Residence city of the offender	"San Francisco"
`state`	(string) Residence state of the offender. Use full state name only	"California"
`zipcode`	(string) Residence zipcode of the offender	"94104"
`lat`	(number) Latitude of the offender's registered residential address	41.85321135
`lng`	(number) Longitude of the offender's registered residential address	-87.72353654
`radius`	(number) Radius of the geolocation search, only valid when performing a GIS search with lat/lng. When not supplied, the radius will default to 1 mi, and the max for radius is 5 mi	1
`prefixMatch`	(string) Do prefix match on either firstName or lastName value.	"firstName" (Only support two possible values: firstName or lastName)
`createdAtStart`	(string) Filter results by when the registrant first appeared in our system. Use this to create alerts for new offenders (e.g., new registrants in zip code 10000 in January, etc.).	"2026-11-15"
`createdAtEnd`	(string) Filter results by when the registrant first appeared in our system.	"11/31/2026"
`updatedAtStart`	(string) Filter results by when the registrant last updated in our system.	"2026-11-15"

updatedAtEnd	(string) Filter results by when the registrant last updated in our system.	"11/31/2026"
faceId	(string) Face ID obtained from our [Facial Search API](). This is used to retrieve enhanced details for a given facial search result entry	"4d8ade05-b9cd-442c-bfff-662 3189e923c"
uuid	(string) Quick pull a single record based on UUID. Please note a single person might have multiple UUIDs.	"807ff46d-e637-5687-9732-a0c 644338fe0"
personUuid	(string) Quick pull a single record based on Person UUID. Please note a single person will have a single personUuid.	"83425e56-29a3-5a3e-8367-2b 8b720295f4"
page	(number) The page you are requesting, if the result sets have more than one pages	12

Request Response Fields

You can find the response example in the bottom-right **Response** section of our API spec
https://offenders.readme.io/reference/search

Field Name	Description	Example Value	Empty Value
name	(string) Full name of the offender including middle name if available	"Alice Bob Ceci"	""
firstName	(string) First name of the offender	"Alice"	""
lastName	(string) Last name of the offender	"Ceci"	""
aliases	(array) List of official aliases on file Only available in Extensive Mode	[{"surName":"SMITH","giv enName":"JOHN","middl eName":"D"}]	[]
dob	(ISO Date String) Date of birth of the offender. Please note all DOB is stored as UTC time, please make sure you process them accordingly. Some agencies only report DOB year only, and in such cases we default the DOB to YYYY-01-01,	"1957-07-14T00:00:00.00 0Z"	null

	please make sure your workflow handles this correctly if you use strict DOB matching.		
`address`	(string) Residence address of the offender	"000 Farris Street"	""
`city`	(string) Residence city of the offender	"San Francisco"	""
`state`	(string) Residence state of the offender. Use full state name only	"California"	""
`zipcode`	(string) Residence zipcode of the offender	"94104"	""
`locations`	(array) List of official addresses on file Only available in Extensive Mode	[{"zipCode":"12345","streetAddress":"ADDRESS","city":"SOMECITY","latitude":18.770,"county":"SOMECOUNTY","state":"CA", "type":"R","longitude":-152.0247}]	[]
`sex`	(string) Registered sex of the offender	"Male"	""
`age`	(string) Age of the offender	"40"	""
`eyeColor`	(string) Eye color of the offender	"Blue"	""
`hairColor`	(string) Hair color of the offender	"Brown"	""
`height`	(string) Height of the offender	"6'00\""	""
`weight`	(string) Weight of the offender	"260 lbs."	""
`race`	(string) Race of the offender	"White"	""
`Ethnicity`	(string) Ethnicity of the offender	"Hispanic"	""
`marks`	(string) Marks/Tatto/Scars of the offender	"tattoo on chest (anarchy symbol)"	""
`riskLevel`	(string) Risk level of the offender	"High risk"	""
`crime`	(string) specific crimes committed for the registration. Not all States disclose this information.	"Crime: 0735000 - MURDER WITH INTENT TO KILL OR INJURE, Victim's age: 16, Offender's age: 19, Conviction County: Cook"	""

`registrationDate`	(ISO Date String) Date first registered in the registry. Please note all registrationDate is stored as UTC time, please make sure you process them accordingly.	"1957-07-14T00:00:00.000Z"	**null**
content	(string) Formatted HTML that combines all the information we have. You can use them in supported applications for easy rendering	" Zip Code: 60617 Sex: Male Date of birth: 1975-05-27 Height: 5''1" Weight: 170 lbs. Race: Black "	""
offenderUrl	(string) URL to the offender's source State agency	*https://meganslaw.ca.gov/OffenderDisplay.aspx?searchby=offender&ID=186...363&NSOPRFlag=True*	**null**
`offenderImageUrl`	(string) URL of the offender's profile image	*https://meganslaw.ca.gov/NSOPWPI.ashx?f=186...363&NSOPRFlag=True*	**null**
lat	(number) Latitude of the offender's registered residential address	41.85321135	-1
lng	(number) Longitude of the offender's registered residential address	-87.72353654	-1
updatedAt	(ISO Date String) When Offenders.io last updated this record.	"2023-08-19T02:30:47.579Z"	**null**
isAbsconder	(boolean) Whether the offender is a known absconder	true: Yes, false: No, **null: No data/can't confirm**	**null**
jurisdiction	(string) Jurisdiction code of where the offender record is registered to	"WV"	**null**
page	(number) returned in **geospatial** searches, indicating the current result page	7	1
totalPages	(number) returned in **geospatial**	25	1

	searches, indicating the total number of result pages		
stateData*	(object) Structured State level data directly from the state agency. Any field under the *offender.stateData* is **NOT** guaranteed to be consistently available. Client fallback logic is strongly recommended if you use this field.	{shoeSize: 7, shoeWidth: "D", stateOffenderId: 3881606 …}	**null**

*Experimental fields: not guaranteed to be always available, client fallback logic is strongly recommended. Experimental fields might be removed at any time without notice.

Default Result Limits

To ensure our API endpoint can provide blazing-fast responses, the following limitations are applied by default.

Regular Search
Normal search results are limited to 50 records by default to ensure the response time. You should consider using additional fields to filter down your results, such as city or zip code. If you have special use cases for which you need a higher number of records, please let us know.

GIS Search (query with ?radius={}&lat={}&lng={}&page={})
For GIS search, the radius param is optional, when not supplied, the radius will default to 1 mi, and the max for radius is 100 mi for performance considerations. The returned response payload is limited to 50 records per page, indicated by the `page` field, total number of pages is indicated by the `totalPages` field.

Error Handling

400s response example:

```
{
    "code": 401,
    "message": "Missing API key"
}
```

HTTP 400
Bad Request: any requests that we are unable to handle

HTTP 401

Unauthorized: usually it is because missing API key or invalid API key in your request

HTTP 405

Method Not Allowed: the request was sent using a method that we don't support

200s response example:

Empty results (no match):

```
{
    "offenders": []
}
```

Found matching results:

```
"offenders": [
  ▼ {
      "name": "David W Allman",
      "firstName": "David",
      "lastName": "Allman",
      "dob": "1962-06-21T00:00:00.000Z",
      "address": "10 Garmen Ln",
      "city": "Austin",
      "state": "Pennsylvania",
      "zipcode": "16720",
      "sex": "Male",
      "age": "",
      "eyeColor": "Blue",
      "hairColor": "Blonde",
      "height": "5'10\"",
      "weight": "180 lbs.",
      "race": "White",
      "marks": "none reported",
      "riskLevel": "3",
      "crime": "Crime:  Sentence: Term: 16 Month(s) to 4 Year(s) State Prison Consecutive; Offense description: Actual,MoreThanOnce Sexual Intercourse;
      Actual,MoreThanOnce Sexual Contact; charge: Rape 3rd Degree, Jurisdiction:  Pennsylvania State Police - Sex Offender Registry",
      "registrationDate": null,
      "content": " <br><b>Risk level: </b> 3<br><b>Zip Code: </b>16720<br><b>Sex: </b>Male<br><b>Date of birth: </b>1962-06-21<br><b>Eye color: </b>Blue<br>
      <b>Hair color: </b>Blonde<br><b>Height: </b>5&apos;10&quot;<br><b>Weight: </b> 180 lbs.<br><b>Marks/Scars/Tattoos: </b>none reported<br><b>Race:
      </b>White<br><b>Ethnicity: </b>Not Hispanic<br><br>",
      "lat": 41.6296304,
      "lng": -78.094429,
      "updatedAt": "2023-08-21T22:16:05.905Z"
  },
```

Invalid query param combinations:

```
{
    "error": "Invalid input params",
    "reason": "no query params presented"
}
```