REAL ESTATE DATA API

عقارساس API

Programmatic access to Saudi Arabia's real estate market. Query historical transactions, aggregated market statistics, top deals by price or area, full property lookups with their deal history, and rental contract records. Data is sourced from the Ministry of Justice (MOJ) and the Real Estate Registry (RER); responses are JSON with Arabic labels by default. accounts with spatial data access additionally receive geographic coordinates.

HTTPS Only | POST JSON | Arabic Results

01 — Authentication

API Key

Every request must include your API key. Keys are issued by our support team — contact us to request one.

⚠ API access is available through the **API Integration plan**. **Spatial access** (Lng, Lat, Elevation, Coords) and **Ejar API** (rental data) are available as optional add-ons. Contact our support team for access.

🔑 Include your `key` field in every JSON request body. Requests without a valid key will return an error response immediately.

JSON · REQUEST SKELETON — Copy

```
{
  "key": "YOUR_API_KEY_HERE",
  // ... additional parameters
}
```

02 — Errors

Error Codes

All responses include an `Error_code` and `Error_msg` field.

0

No error. Request processed successfully. Results are in the response body.

1

Error occurred. Check `Error_msg` for a detailed explanation.

03 — Reference

Regions & States

Use the integer ID when filtering by `state`.

0	Riyadh — الرياض
1	Makkah — مكة
2	Medina — المدينة
3	Al-Qasim — القصيم
4	Eastern — الشرقية
5	Asir — عسير
6	Tabuk — تبوك
7	Ha'il — حائل
8	N. Borders — الحدود الشمالية
9	Jizan — جازان
10	Najran — نجران
11	Al-Bahah — الباحة
12	Al-Jawf — الجوف

Endpoint 01

Get Real Estate Transactions

Search and filter transaction records with up to 5,000 results per request.

Transactions Search

الاستعلام عن الصفقات

`POST` https://api.aqarsas.sa/transactions/

Returns transaction records matching your filters. If results exceed 5,000, a random selection of 5,000 is returned. Results are in Arabic.

REQUEST PARAMETERS

PARAMETER	TYPE	DEFAULT	DESCRIPTION
`key` required	string	—	Your API key.
`calendar`	string	gregorian	`hijri` or `gregorian`
`start_date`	string	none	Format: `yyyy-mm-dd`
`end_date`	string	none	Format: `yyyy-mm-dd`
`category`	enum	none	One of: سكني تجاري زراعي
`dtype`	enum	none	Property type — one of 46 values. ▸ Show all values
`state`	integer	none	Region ID (0–12). See Regions table above.
`city`	string	none	Exact city name match.
`min_meter_price`	integer	0	Minimum price per m².
`max_meter_price`	integer	none	Maximum price per m².
`min_deal_price`	integer	0	Minimum total deal value (SAR).
`max_deal_price`	integer	none	Maximum total deal value (SAR).
`min_area`	integer	0	Minimum area in m².
`max_area`	integer	none	Maximum area in m².
`hai`	string	none	Neighborhood (حي) name.
`hai_exact_match`	integer	0	1 = exact, 0 = fuzzy search (recommended).

PARAMETER	TYPE	DEFAULT	DESCRIPTION
m566	string	none	Plan number (مخطط).
m566_exact_match	integer	0	1 = exact, 0 = fuzzy (recommended).
unit	string	none	Unit number (قطعة).
unit_exact_match	integer	0	1 = exact, 0 = fuzzy (recommended).

RESPONSE FIELDS

Error_code	0 = success, 1 = error
Error_msg	Error message if applicable
Deals_list[]	Array of transaction objects. Per-row fields:

Date	string	Transaction d formatted DD/MM/YYYY (if calendar=hi
Category	string	Property category: ,سكني تجاري, زراعي, or أخرى.
Dtype	string	Property kind (e.g. ,أرض مبنى, شقة).
aqarsas_intelligence	object *(optional)*	Aqarsas Intelligence: c verified real-estate type, returned only when it differs from the registry's reco Shape: {"Dtype": "وحدة"}. The registry's orig value always remains in Dt

		untouched. S the dedicated row below.
`Meter_price`	`integer`	Price per squ meter, in SAR
`Deal_price`	`integer`	Total deal pric in SAR.
`Area`	`number`	Property area m^2.
`State`	`integer`	Region code 12). See Regi / States for mapping.
`City`	`string`	City name in Arabic.
`Hai`	`string`	District (حي) name in Arabi
`M566`	`string`	Plan number (مخطط).
`Unit`	`string`	Unit/parcel number (قطعة
`Abnormality_explanation`	`string`	Flag for non-standard transactions (mortgage, gif See the dedicated rov below for the list of values.
`Deal_src`	`string`	`"moj"` (Ministı Justice transactions) `"rer"` (Real Estate Registı
`Lng`	`number`	*Spatial acces only.* Longitud decimal degre (WGS84 / EPSG:4326). indicates coordinates w unavailable.

Lat	number	*Spatial acces only.* Latitude decimal degr (WGS84 / EPSG:4326). indicates coordinates w unavailable.
GAccuracy	integer	*Spatial acces only.* Coordin precision: `0` = precise parce centroid; `1-3` centroid of a less-precise spatial object = a random p inside a bounding box (least precise; subsequent c for the same may return slightly differe coords).

`Abnormality_explanation`	Flags non-standard transactions; empty string means a normal arm's-length deal. Possible values: رهن (Mortgage), فك رهن (Mortgage Release), هبة (Gift), ورث (Inheritance), مشترك أو مشاع (Shared), صفقة بتمويل (Financed Deal), فرز/دمج (Partition or Merge), بيع مرهون (Mortgaged Sale). Suffix (غير مؤكد) means the classification is unconfirmed. Multiple labels are joined by "/".
`aqarsas_intelligence`	Aqarsas Intelligence: our verified real-estate type, returned only when it differs from the registry's record. The registry's original value always remains in `Dtype` untouched. Present only on corrected rows and absent otherwise — treat it as optional and always fall back to `Dtype`. The value is the corrected type name in Arabic, in the same format as the existing `Dtype` field, e.g. `{"aqarsas_intelligence": {"Dtype": "وحدة"}}`.

EXAMPLE

JSON · REQUEST

Copy

```
{
  "key": "your_api_key",
  "state": 0,
  "city": "الرياض",
  "hai": "النرجس",
  "m566": "2670",
  "start_date": "2026-05-01",
  "end_date": "2026-05-31"
}
```

JSON · RESPONSE

Copy

```
{
  "Error_code": 0,
  "Error_msg": "",
  "Deals_list": [
    {
      "Date": "07/05/2026", "Category": "سكني", "Dtype": "أرض فضاء",
      "Meter_price": 4850, "Deal_price": 1455000, "Area": 300,
      "State": 0, "City": "الرياض", "Hai": "النرجس",
      "M566": "2670", "Unit": "314",
      "Abnormality_explanation": "",
      "Deal_src": "rer"
    },
    {
      "Date": "20/05/2026", "Category": "سكني", "Dtype": "مبنى سكني",
      "aqarsas_intelligence": { "Dtype": "وحدة" },
      "Meter_price": 0, "Deal_price": 0, "Area": 280,
      "State": 0, "City": "الرياض", "Hai": "النرجس",
      "M566": "2670", "Unit": "108",
      "Abnormality_explanation": "هبة",
      "Deal_src": "rer"
    }
  ]
}
```

Endpoint 02

Get Statistics

Aggregate market statistics by deal count, total value, or total area — by region, city, hai, and date range.

Market Statistics

إحصائيات عامة عن الصفقات

`POST` https://api.aqarsas.sa/stats/

Returns aggregated statistics (number, value, or area of deals) broken down by category and property type.

REQUEST PARAMETERS

PARAMETER	TYPE	DEFAULT	DESCRIPTION
key required	string	—	Your API key.
stat_type	string	value_of_deals	number_of_deals, value_of_deals, or area_of_deals
calendar	string	gregorian	hijri or gregorian
start_date	string	none	Format: yyyy-mm-dd
end_date	string	none	Format: yyyy-mm-dd
state	integer	none	Region ID (0–12).
city	string	none	Exact city name match.
hai	string	none	District name. If provided, city becomes required.

RESPONSE FIELDS

Error_code	0 = success, 1 = error
Error_msg	Error message if applicable
Stats_list[]	Array of objects: Category, Dtype, Stat (the aggregated value for the given stat_type)

EXAMPLE

JSON · REQUEST

Copy

```
{
  "key": "your_api_key",
  "stat_type": "value_of_deals",
  "start_date": "2026-05-01",
  "end_date": "2026-05-31",
  "city": "الرياض",
  "hai": "النرجس"
}
```

JSON · RESPONSE

Copy

```
{
  "Error_code": 0,
  "Error_msg": "",
  "Stats_list": [
    {"Stat": 182298361, "Category": "قطعة أرض",   "Dtype": "سكني"},
    {"Stat":  12961423, "Category": "قطعة أرض",   "Dtype": "تجاري"},
    {"Stat":   5605000, "Category": "شقة",        "Dtype": "سكني"},
    {"Stat": 117746420, "Category": "مبنى",       "Dtype": "سكني"},
    {"Stat":  15126351, "Category": "مبنى",       "Dtype": "تجاري"}
  ]
}
```

Endpoint 03

Get Top Transactions

Sort and retrieve top-ranked transactions by date, price, meter price, or area.

Top Transactions

أعلى وأقل الصفقات

`POST` https://api.aqarsas.sa/toptransactions/

Returns ranked transactions (ascending or descending) based on your chosen sort field. Up to 5,000 records.

REQUEST PARAMETERS

PARAMETER	TYPE	DEFAULT	DESCRIPTION
key required	string	—	Your API key.
calendar	string	gregorian	hijri or gregorian
start_date	string	none	Format: yyyy-mm-dd
end_date	string	none	Format: yyyy-mm-dd
state	integer	none	Region ID (0–12).
city	string	none	Exact city name.
hai	string	none	Neighborhood (حي) name.
hai_exact_match	integer	0	0 = fuzzy (recommended), 1 = exact.
sort_by	string (enum)	s3r	One of: s3r (total deal price, default), s3ralmtr (price per m^2), area. Date sorting is not supported here — use /transactions/ for date-ordered results.
sort_by_ascending	integer	0	0 = descending (highest first), 1 = ascending.
results_n	integer	5000	Number of results. Range: 1–5000.

RESPONSE FIELDS

Error_code	0 = success, 1 = error
Error_msg	Error message if applicable

`Deals_list[]`	Array of transaction objects, sorted by the chosen `sort_by` field. Per-row fields:		
	`Date`	`string`	Transaction date, formatted `DD/MM/YYYY` (Hijri if `calendar=hijri`).
	`Category`	`string`	Property category: سكني, تجاري, زراعي, or أخرى.
	`Dtype`	`string`	Property kind (e.g. قطعة أرض, مبنى, شقة).
	`Meter_price`	`integer`	Price per square meter, in SAR.
	`Deal_price`	`integer`	Total deal price, in SAR.
	`Area`	`number`	Property area, in m^2.
	`State`	`integer`	Region code (0–12). See Regions / States for mapping.
	`City`	`string`	City name in Arabic.
	`Hai`	`string`	District (حي) name in Arabic.
	`M566`	`string`	Plan number (مخطط).
	`Unit`	`string`	Unit/parcel number (قطعة).
	`Abnormality_explanation`	`string`	Flag for non-standard transactions (e.g. mortgage, gift). See the dedicated row below for the full list of values.

`Deal_src`	`string`	`"moj"` (Ministry of Justice transactions) or `"rer"` (Real Estate Registry).
`Lng`	`number`	*Spatial access only.* Longitude in decimal degrees (WGS84 / EPSG:4326). `0` indicates coordinates were unavailable.
`Lat`	`number`	*Spatial access only.* Latitude in decimal degrees (WGS84 / EPSG:4326). `0` indicates coordinates were unavailable.
`GAccuracy`	`integer`	*Spatial access only.* Coordinate precision: `0` = precise parcel centroid; `1-3` = centroid of a less-precise spatial object; `4+` = a random point inside a bounding box (least precise; subsequent calls for the same row may return slightly different coords).

`Abnormality_explanation` Flags non-standard transactions; empty string means a normal arm's-length deal. Possible values: رهن (Mortgage), فك رهن (Mortgage Release), هبة (Gift), ورث (Inheritance), مشترك أو مشاع (Shared), صفقة بتمويل (Financed Deal), فرز/دمج (Partition or Merge), بيع مرهون (Mortgaged Sale). Suffix (غير مؤكد) means the classification is unconfirmed. Multiple labels are joined by "/".

EXAMPLE

JSON · REQUEST

Copy

```
{
  "key": "your_api_key",
  "state": 0,
  "start_date": "2026-05-01",
  "end_date": "2026-05-31",
  "sort_by": "s3r",
  "results_n": 5
}
```

JSON · RESPONSE

Copy


```
{
  "Error_code": 0,
  "Error_msg": "",
  "Deals_list": [
    {
      "Date": "20/05/2026", "Category": "سكني", "Dtype": "أرض فضاء",
      "Meter_price": 810, "Deal_price": 699192000, "Area": 863200,
      "State": 0, "City": "الرياض", "Hai": "السلي",
      "M566": "...", "Unit": "...",
      "Abnormality_explanation": "", "Deal_src": "rer"
    },
    {
      "Date": "07/05/2026", "Category": "تجاري", "Dtype": "أرض فضاء",
      "Meter_price": 23366, "Deal_price": 420000000, "Area": 17975,
      "State": 0, "City": "الرياض", "Hai": "النفل",
      "M566": "...", "Unit": "...",
      "Abnormality_explanation": "", "Deal_src": "rer"
    }
  ]
}
```

Endpoint 04

Get Property Details

Look up a specific land or property and retrieve its full transaction history.

Property Details & Deal Archive

تفاصيل العقار وأرشيف صفقاته

`POST` https://api.aqarsas.sa/propertydetails/

Returns up to 5 matching property records. If multiple match, they are sorted by closest area. Each record includes its full transaction history.

REQUEST PARAMETERS

💡 If `rer_realestate_number` is provided, all other lookup parameters (`state`, `city`, `m566`, `unit`) are not required.

PARAMETER	TYPE	DEFAULT	DESCRIPTION
`key` required	`string`	—	Your API key.
`rer_realestate_number`	`string`	none	Real estate registry number. If provided, all other lookup parameters are not required.
`state` required*	`integer`	—	Region ID (0–12). *Required if `rer_realestate_number` is not provided.
`city` required*	`string`	—	Exact city name. *Required if `rer_realestate_number` is not provided.
`m566` required*	`string`	—	Plan number (مخطط). *Required if `rer_realestate_number` is not provided.
`unit` required*	`string`	—	Unit number (قطعة). *Required if `rer_realestate_number` is not provided.
`area`	`number`	none	Optional but recommended. Area in m^2. Returns properties within ±15% range, sorted by closest match.

RESPONSE FIELDS

`Error_code`	0 = success, 1 = error
`Error_msg`	Error message if applicable

`Lands_count`	Number of matching property records found
`Land_Details[]`	Array of matching property records (up to 5 from moj + up to 5 from rer). Per-record fields:

`M566`	`string`	Plan number (مخطط).
`Unit`	`string`	Unit/parcel number (قطعة).
`Area`	`string`	Property area in m^2 (returned as a string).
`State`	`integer`	Region code (0–12). See Regions / States.
`City`	`string`	City name in Arabic.
`ExactMatchDealsCount`	`integer`	Number of transactions on this exact parcel (capped at 100 per record).
`ExactMatchDeals[]`	`array`	Per-deal sub-fields shown below.
`Coords`	`object`	*Spatial access only.* `{lng, lat}` in decimal degrees (WGS84 / EPSG:4326).
`Elevation`	`number`	*Spatial access only.* Ground elevation in meters above sea level.
`LandUsePrimary`	`string`	*Spatial access only.* Primary zoning category.
`LandUseSecondary`	`string`	*Spatial access only.* Secondary zoning category.
`LandUseDetailed`	`string`	*Spatial access only.* Detailed zoning label.
`RelevantDealsCount`	`integer`	*Spatial access only.* Number of deals on the same plan/area (capped at 100).

`RelevantDeals[]`	array	*Spatial access only.* Same per-deal shape as `ExactMatchDeals[]`.

Each entry in `ExactMatchDeals[]` / `RelevantDeals[]`:

`Kind`	string	Property kind (Arabic).
`Degree`	string	Property category: سكني, تجاري, زراعي, or أخرى.
`S3ralmtr`	integer	Price per square meter, in SAR.
`S3r`	integer	Total deal price, in SAR.
`Msa7h`	number	Property area, in m^2.
`Hdate`	string	Transaction date (Hijri).
`Mdate`	string	Transaction date (Gregorian).
`Region`	string	Region code (as string).
`City`	string	City name in Arabic.
`District`	string	District (حي) name in Arabic.
`M566`	string	Plan number (مخطط).
`Qitah`	string	Unit/parcel number (قطعة).

Spatial-only fields are returned only for accounts with spatial data access, either when looking up by `rer_realestate_number`, or when querying one of: الرياض, الدرعيه, عرقه, الجبيلة, الدمام, الخبر, الجبيل, القطيف, جده, مكة المكرمة, المدينة المنورة.

EXAMPLE

JSON · REQUEST

Copy

```
{
  "key": "your_api_key",
  "rer_realestate_number": "12345678900000000"
}
```

JSON · RESPONSE

Copy

```
{
  "Lands_count": 1,
```

```
  "Land_Details": [
    {
      "M566": "2670", "Unit": "47", "Area": "300",
      "State": 0, "City": "الرياض",
      "Elevation": 683.9,
      "LandUsePrimary": "سكنى",
      "LandUseDetailed": "فيلا أسرة واحدة",
      "Coords": { "lng": 46.6544, "lat": 24.88 },
      "ExactMatchDealsCount": 1,
      "ExactMatchDeals": [
        {
          "Kind": "أرض فضاء", "Degree": "سكني",
          "S3ralmtr": 4850, "S3r": 1455000, "Msa7h": 300,
          "Hdate": "1447-11-20", "Mdate": "2026-05-07",
          "City": "الرياض", "District": "النرجس",
          "M566": "2670", "Qitah": "47"
        }
      ],
      "RelevantDeals": []
    }
  ],
  "Error_code": 0,
  "Error_msg": ""
}
```

Endpoint 05

Get Nearby Transactions

Find real estate transactions in the vicinity of a specific property. Identify the property by either its RER number, or by the unique tuple (state, city, m566, unit).

Nearby Transactions

الصفقات المجاورة للعقار

`POST` https://api.aqarsas.sa/nearbytransactions/

Returns recent deals on properties around a specific reference property. Useful for comparable market analysis. The reference property is identified either by its RER number or by the unique tuple (state, city, m566, unit) — exactly one match is required.

REQUEST PARAMETERS

PARAMETER	TYPE	DEFAULT	DESCRIPTION
`key` required	`string`	—	Your API key.
`rer_realestate_number` required*	`string`	—	Numeric RER property number. *Required if the property is identified via RER. If provided, all other identifiers are ignored.
`state` required**	`integer`	—	Region ID (0–12). **Required (together with `city`, `m566`, `unit`) when `rer_realestate_number` is not provided.
`city` required**	`string`	—	Exact city name.
`m566` required**	`string`	—	Plan number (مخطط).
`unit` required**	`string`	—	Unit/parcel number (قطعة).

RESPONSE FIELDS

`Error_code` — 0 = success, 1 = error

`Error_msg` — Error message if applicable

`NearbyDeals[]` — Array of nearby deal objects. Per-row fields:

`Deal_id`	`string`	Transaction identifier (RER deals are masked, e.g. `**0507`).
`Date`	`string`	Transaction date, `DD/MM/YYYY`.
`Degree`	`string`	Property category: سكني, تجاري, زراعي, or أخرى.

Kind	string	Property kind (e.g. قطعة أرض, مبنى, شقة).
Meter_price	integer	Price per square meter, in SAR.
Deal_price	number	Total deal price, in SAR.
Area	number	Property area, in m^2.
State	integer	Region code (0–12). See Regions / States.
City	string	City name in Arabic.
Hai	string	District (حي) name in Arabic.
M566	string	Plan number (مخطط).
Qitah	string	Unit/parcel number (قطعة).
GeoData	object	Geographic + zoning metadata (see sub-fields below). Empty if no spatial record for this property.

`GeoData` sub-fields (all optional, omitted when not available):

Elevation	number	Ground elevation in meters above sea level.
LandUsePrimary	string	Primary zoning category.
LandUseSecondary	string	Secondary zoning category.
LandUseDetailed	string	Detailed zoning label.
LandStatus	string	Land status / classification.
BuildingCode	string	Applicable building code identifier.

EXAMPLE

JSON · REQUEST Copy

```
{
  "key": "your_api_key",
  "rer_realestate_number": "12345678900000000"
}
```

JSON · RESPONSE Copy

```
{
  "Error_code": 0,
  "Error_msg": "",
  "NearbyDeals": [
    {
      "Deal_id": "**0507", "Date": "07/05/2026",
      "Degree": "سكني", "Kind": "أرض فضاء",
      "Meter_price": 4850, "Deal_price": 1455000, "Area": 300,
      "State": 0, "City": "الرياض", "Hai": "النرجس",
      "M566": "2670", "Qitah": "314",
      "GeoData": { "Elevation": 683.9 }
    }
  ]
}
```




Ejar Rental Data — Available via API

بيانات إيجار متاحة عبر الواجهة البرمجية

We offer dedicated API endpoints for **Ejar** rental market data. Access rental transactions, pricing trends, and property rental history programmatically. Contact us to learn more and get access.

✉ Contact Us for Ejar API Access