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## Get started: Using HIBCC HIN Data API Information

To access the HIN Data via API, you must have the both of the following:

- 1) Subscriber Account ID
- 2) API Key

The Subscriber Account ID and the API Key must be included as HTTP Authentication header on all API requests. See below example:

Request Field	Description	Example
Authorization Basic	Authentication credentials for <a href="#">HTTP authentication</a> .	Authorization: Basic QWxhZGRpbjpvYVUyIHNlc2FtZQ==  Authorization: Basic subscriberAccountID:ApiKey Encode to Base64 Format

### Obtain Subscriber Account ID and API Key

1. Submit HIN Database Application form and Data Use License Agreement to license the HIN system and its data. Website link: <https://www.hibcc.org/hin-system/license-hin-system/>
2. Complete the HIN API Registration form.



## HIN API Endpoints and Authentication

All HIN API shall be sent as HTTP GET with Basic Authentication to our endpoint URL.

**HTTP Request Method:** GET

**Base URL:** <https://api.hibcchin.org/>

**JSON Content-Type:** application/json

All calls to the HIN database API requires HIN database license and API access authentication. The credentials must be submitted as a header to your HTTP Request method. All responses will be in JSON format.

### Get List of Active Authorized HIN licensees

Return lists of Authorized HIN licensees (**HIN data can only be shared with/received from Authorized HIN licensees**).

#### Request

Method	URL
GET	v1/hindb/AuthLicensees

Type	Params	Type	Remarks
HEAD HEAD	subscriberAccountId apiKey	string string	The Subscriber Account ID is provided by HIBCC when organization licenses the HIN System.  The API Key is provided when organization signs up to access the HIN data via API.

#### Response

Status	Response Description	Response Example	Remarks
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200	CompanyName licenseStatus subset subscriberAccountID	<pre>{   "activeHINDBLicenses": [     {       "companyName": "COMPANY A",       "licenseStatus": Active,       "subset": "HH",       "subscriberAccountID": "3FS****D"     }   ] }</pre>	
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## Get List of Trading Partners

Return list of trading partners with active or inactive HIN database license. You must add your trading partners in order for them to appear in this list. To add a trading partner, go to:

<https://www.hibcc.org/hinapi/>

### Request

Method	URL
GET	v1/hindb/tradingPartners

Type	Params	Type	Remarks
HEAD HEAD	subscriberAccountId apiKey	string string	

### Response

Status	Response Description	Response Example	Remarks
200	CompanyName subscriberAccountID licenseStatus	<pre>{   "tradingPartners": [     {       "licenseeOrgName": "HIBCC",       "subscriberAccountId": "HIB****C",       "licenseStatus": "Active"     }   ] }</pre>	



## Retrieve HIN details

Retrieve geographic, class of trade, status, assignment date, and update information for a specific HIN

### Request

Method	URL
GET	v1/hindb/details

Type	Params	Type	Format
HEAD	apiKey	string	Alphanumeric
HEAD	subscriberAccountId	string	Alphanumeric
Parameter	hin	string	9-character alphanumeric



## Response

Status	Response Description	Example Response	Remarks
200 Ok	HIN Address DEA Telephone Status Subset Class of Trade Date Assigned Date Updated	<pre>{   "hin": "D6DXP2K00",   "name": "DISTRIBUTOR A",   "address": [     {       "addr1": "4405 E COTTON CENTER BLVD",       "addr2": "",       "addr3": "",       "city": "PHOENIX",       "state": "AZ",       "zip": "85040",       "zip4": "8859",       "country": "US"     }   ],   "dea": "",   "telephone": "6028506221",   "status": "Inactive",   "subset": [     {       "code": "HH",       "description": "HUMAN HEALTH"     }   ],   "classOfTrade": [     {       "code": "DS",       "description": "DISTRIBUTOR OR       WHOLESALER"     }   ],   "dateAssigned": "05252010",   "dateUpdated": "12072012" }</pre>	
400: Unauthorized	Out of scope		Returns when HIN is not within the database to which your organization is licensed to access.



## Retrieve HIN Activity Details

Retrieve update activity for a specific HIN.

### Request

Method	URL
GET	v1/hindb/activity

Type	Params	Type	Format
HEAD	subscriberAccountId	string	Alphanumeric
HEAD	apiKey	string	Alphanumeric
Parameter	hin	string	9-character alphanumeric





## Response

Status	Response Description	Example Response	Remarks
200 Ok	HIN Activity Details: Reason Code Description Date Referback	<pre>{   "hin": "D6DXP2K00",   "activityDetails": [     {       "reasonCode": "FC",       "description": "FACILITY CLOSED",       "date": "12072012",       "referback": ""     },     {       "reasonCode": "CA",       "description": "STREET ADDRESS CORRECTION",       "date": "08162010",       "referback": "4405 E COTTON BLVD STE 100"     },     {       "reasonCode": "HA",       "description": "HIN ASSIGNED",       "date": "05252010",       "referback": "4806755509"     }   ] }</pre>	
400: Unauthorized	Out of scope		Returns when HIN is not within the database to which your organization is licensed to access.



## Retrieve Daily HIN Update

Retrieve HINs assigned and updated on a given date. Date provided must be within the last 30 days but not equal to the date at the time of API call.

### Request

Method	URL
GET	v1/hindb/dailyUpdate

Type	Params	Type	Format
HEAD HEAD Parameter	subscriberAccountId apiKey date	string string date	Alphanumeric Alphanumeric MMDDYYYY ex. 03012020

### Response

Status	Description	Example Response	Remarks
200 OK	Object: Subset Array: HIN Status ReasonCode Reason Referback HIN Assigned HIN Updated	<pre>{   "hh": [     {       "hin": "K7PKLRC00",       "status": active,       "reasonCode": "HA",       "reason": "HIN ASSIGNED",       "referback": "9285374375",       "hinAssigned": "03112020",       "hinUpdated": "03112020"     }   ] }</pre>	
400 Bad Request			Date provided must be within the last 30 days but not equal to the date at the time of API call.



## Retrieve Weekly HIN Update

Retrieve HINs assigned and updated for a given week. Users may retrieve weekly HIN update up to 4 weeks prior.

### Request

Method	URL
GET	v1/hindb/weeklyUpdate

Type	Params	Type	Format
HEAD HEAD Parameter	subscriberAccountId apiKey date	string string date	MMDDYYYY (must be a Monday)

### Response

Status	Description	Example Response	Remarks
200 OK	Subset Array: HIN Active Code Reason Code Reason Referback HIN Assigned HIN Updated	{ "hh": [ { "hin": "K7PKLRC00", "status": Active, "reasonCode": "HA", "reason": "HIN ASSIGNED", "referback": "9285374375", "hinAssigned": "03112020", "hinUpdated": "03112020" } ] }	
400 Bad Request		"Date must be a Monday. 02202020 is a Thursday"	Date provided must be a Monday and within the last 30 days when the API call is made.



## Search HIN by Name, Street Number, Street Name, State, and 3-digit Zip

### Request

Method	URL
GET	v1/hindb/search

Type	Params	Type	Format
HEAD HEAD Parameter	subscriberAccountId apiKey name	string string string	Submit portion of the facility name to enable wild card search
Parameter Parameter Parameter Parameter	streetNo StreetName  state zip	string string  string string	Street number, example: 2525 Street Name, example: Biltmore Length: 2, example: AZ Length: 3, example: 850 (first 3-digits of zip code)



## Response

Status	Description	Example Response	Remarks
200 OK	Subset HIN Name Address1 Address2 Address3 City State Zip Zip4 Country Telephone status Date Assigned Date Updated	<pre>{   "subsetCode": "HH",   "hin": "BLKI8X300",   "name": "HEALTH INDUSTRY BUS CMNNCTNS CNCL",   "address1": "2525 E ARIZONA BILTMORE CIR STE 127",   "address2": "",   "address3": "",   "city": "PHOENIX",   "state": "AZ",   "zip": "85016",   "zip4": "2131",   "country": "US",   "telephone": "6023811091",   "status": "Active",   "dateAssigned": "10051993",   "dateUpdated": "11022016" }</pre>	
400 Bad Request		Not all parameters are present.	Not all parameters are present.



## HIN Field Definitions

Field Name	Description
RECORD TYPE	BE = Facility record LO = Location record
HIN	Health Industry Number – nine-character alphanumeric BASE HIN: first seven digits SUFFIX: Always "00" for facility records, or sequentially ascending suffix beginning at "F0" for prescriber or location records
NAME	Legal name of the facility, prescriber or location
ADDRESS1	First address line
ADDRESS2	Second address line
ADDRESS3	Third address line
CITY	City
STATE	State, province or region
ZIP	Postal code
COUNTRY	ISO 3166 country code
TELEPHONE	Telephone number of the facility, including area code or country/city code for foreign entities. Field is left justified, no delimiters.
CLASS OF TRADE	Class of trade code, corresponds to “market segments” for facilities, “activity codes” for locations, “program codes” for PHS covered entities and “credentials” for prescribers. Refer to the list of class of trades.
DEA	DEA number
DATE HIN ASSIGNED	the date on which the HIN was first assigned.



DATE HIN UPDATED	the date on which any information in the record was last modified.	
STATUS	AC	= Active
	DE	= deactivated (or inactive)
VERIFIED	VF	= verified
	NV	= not verified
LAST ACTION CODE	AF	= Add Facility
	CF	= Change Facility
	DF	= Deactivate Facility
	AL	= Add prescriber or location
	CL	= Change prescriber or location
	DL	= Deactivate prescriber or location
REASON CODE	Reason for add, change or deactivation. Refer to list of reason codes.	
REFERBACK CODE	Special code used in situations where a reference to another record is needed. When a facility is deactivated because it is a duplicate to another facility or location record, the REFERBACK CODE field contains REFERBACK CODE contains the previous zip code.	
SUBSET	HH	Human Health Facilities
	CE	U.S. Public Health Service Covered Entities
	AH	Animal Health Facilities
	DV	Veterinarians
	MD	Medical Doctors
	DD	Dentists

## HIN Class of Trade Codes

### (Market Segments Utilized for BASE HINs)

<b>Code</b>	<b>Description</b>
AC	ANIMAL HOSPITAL OR CLINIC
AR	ANIMAL RETAIL OUTLET
BG	BUYING GROUP
CL	CLINIC
DC	DIALYSIS CENTERS
DS	DISTRIBUTOR OR WHOLESALER
FM	FEED MANUFACTURER
GP	GROUP PRACTICE
GV	GOVERNMENT AGENCY
HA	HOSPITAL ADMINISTRATION
HH	HOME HEALTH CORPORATION
HM	HEALTH MAINTENANCE ORG
HO	HOSPITAL
HW	HOSPITAL WAREHOUSE
IN	INSURANCE
LB	FREE-STANDING LABORATORY
MF	MANUFACTURER
ML	MILITARY FACILITY
MM	HEALTH MISCELLANEOUS
NC	NURSING HOME CHAIN
NH	NURSING HOME
NM	NON-HEALTH MISCELLANEOUS
OS	OUT-PATIENT SURGERY CENTER





PD	PRODUCER
PH	PHARMACY
PP	PPO FACILITY
PS	PSYCHIATRIC HEALTH FACILITY
SY	HOSPITAL SYSTEM
UN	ACADEMIC INSTITUTION
WH	WAREHOUSE



## HIN Activity Codes

(Utilized for LOCATION HIN's)

Code	Description
10	UNIFORMED SERVICE TREATMENT FACILITY
30	HMO - NO TYPE GIVEN
31	HMO - STAFF MODEL
32	HMO - GROUP MODEL
33	HMO - NETWORK
34	HMO - IPA
35	HMO - MIXED MODEL/HYBRID
36	PPO (Preferred Provider Org.)
38	PPO - POS (Point of Service)
39	PBM (Pharmacy Benefits Manager)
3B	EMPLOYERS/EMPLOYER GROUPS
3C	MAIL ORDER
3D	PHARMACY CHAINS
3E	HOSPITALS
3F	LONG TERM CARE/NURSING HOMES
3G	CONSULTING PHARMACY GROUPS
3H	GROUP PRACTICES
40	SMALL ANIMAL CLINIC
41	LARGE ANIMAL CLINIC
42	PHARMACY SMALL ANIMAL
43	PHARMACY LARGE ANIMAL



A1	HOSPICE
A2	RECEIVING/SHIPPING
A3	DIALYSIS UNIT
A4	WEIGHT CONTROL CENTER
A5	SPORTS MEDICINE
A6	GASTROENTEROLOGY
A7	NEO-NATAL INTENSIVE CARE UNIT
A8	SOCIAL SERVICES
A9	SCHOOL OF MEDICINE
AA	OPERATING ROOM
AB	RADIOLOGY
AC	STOREROOM
AD	LABORATORY
AE	OBSTETRICS/GYNECOLO GY
AF	EMERGENCY DEPARTMENT
AG	IN-PATIENT PHARMACY
AH	OUT-PATIENT PHARMACY
AI	OUT-PATIENT CLINIC
AJ	RECOVERY
AK	PURCHASING
AL	CENTRAL SUPPLY
AM	SURGERY SERVICES
AN	MEDICAL SERVICES
AO	ONCOLOGY
AP	PHYSICAL THERAPY



AQ	ORTHOPEDICS
AR	CARDIOLOGY
AS	BLOOD BANK
AT	INTENSIVE CARE UNIT
AU	CARDIAC CARE UNIT
AV	DIETETICS
AW	PEDIATRICS
AX	PSYCHIATRIC DEPARTMENT
AY	UROLOGICS DEPARTMENT
AZ	PHYSIOLOGY DEPARTMENT
B0	ALCOHOL/DRUG ABUSE OUTPATIENT CTR
B1	OUT-PATIENT SURGERY SERVICES
B2	COMMUNITY HEALTH PROMOTION
B3	ADMINISTRATION
B4	BUILDING SERVICES
B5	LIBRARY SERVICES
B6	COMPUTER SERVICES
B7	FINANCIAL SERVICES
B8	CHAPLAIN
B9	LEGAL SERVICES
BA	PULMONOLOGY/RESPIRATORY
BB	OPHTHALMOLOGY
BC	METABOLIC UNIT
BD	GENETICS
BE	HOME CARE



BF	ACCOUNTS PAYABLE
BG	CLOSED OUT-PATIENT PHARMACY
BJ	WAREHOUSE
BK	PREFERRED PROVIDER ORGANIZATION
BL	HEALTH MAINTENANCE ORGANIZATION
BM	LONG TERM CARE
BN	STUDENT HEALTH CENTER
BP	COMMISSARY
BQ	FAMILY PLANNING
BR	HOSPITAL UNIT
BT	ACCOUNTS RECEIVABLE
BW	HEMOPHELIA CENTER
BX	GIFT SHOP
BY	ALCOHOL/DRUG ABUSE INPATIENT CTR
BZ	PRACTITIONER
C0	GERIATRICS
C1	NEUROLOGY
C2	PATHOLOGY
C3	BIOMEDICAL DEPARTMENT
C4	MAIL ROOM
C5	RESEARCH DEPARTMENT
C6	NUCLEAR MEDICINE
C7	MEDICAL DEPARTMENT
C8	OUT-PATIENT SERVICES



C9	PHARMACY SERVICES
CA	NURSING SERVICES
CB	DIAGNOSTIC SERVICES
CC	LOADING DOCK
CD	WITHIN-HOSPITAL ADMINISTRATION
CE	ACCOUNTING
CF	AUDIOLOGY
IS	INFUSION SERVICES
NS	NURSING HOME UPPLIER



## HIN Public Health Service Program Codes (340B)

<b>Code</b>	<b>Description</b>
20	OTHER AIDS CLINIC TITLE XXVI
21	BLACK LUNG CLINIC
22	COMMUNITY HEALTH CENTER CLINIC
23	COMPREHENSIVE HEMOPHILIA TRTMNT CTR
24	DISPROPORTIONATE SHARE HOSPITAL
25	FAMILY PLANNING PROJECT
26	FEDERALLY QULFD HLTH CTR LOOKALIKE
27	HLTH CTR FOR RESIDENTS PUBLIC HSNG
28	HEALTH CENTER FOR THE HOMELESS
29	MIGRANT CLINIC
2A	NATIVE HAWAIIAN HEALTH CENTER
2B	OUTPTNT EARLY INTRVNTN SVCS FOR HIV
2C	STATE OPRTD AIDS DRUGS PRCHNG PRGM
2D	SEXUALLY TRANSMITTED DISEASE CLINIC
2E	TUBERCULOSIS TREATMENT FACILITY
2F	URBAN INDIAN ORGANIZATION
2G	CONTRACTED PHARMACY SERVICES
2H	PROJECT OF NATIONAL SIGNIFICANCE
2J	FEDERALLY QULFD HEALTH CENTER
2K	IN HOUSE PHARMACY
2S	SHIPPING ADDRESS
W4	WAC DISPROPORTIONATE SHARE HOSPITAL
WI	WAC CHILDREN'S HOSPITAL
WM	WAC FREE STANDING LABORATORY
WS	WAC SHIPPING ADDRESS



## HIN Reason Codes

<b>Code</b>	<b>Description</b>
AP	ADD TO PUBLIC
AS	ADD TO SUBSET
CA	STREET ADDRESS CORRECTION
CC	CITY NAME CORRECTION
CD	DEA NUMBER CORRECTION
CG	SUBSET CORRECTION
CM	MARKET/ACTIVITY CODE CORRECTION
CN	NAME CORRECTION
CO	CHANGE OTHER FIELD
CS	STATE CORRECTION
CT	TELEPHONE NUMBER CORRECTION
CU	UPIN NUMBER CORRECTION
CV	VET/FACILITY 911 ADDRESS CHANGE
CZ	ZIP CODE CORRECTION
DA	DATABASE ADJUSTMENT
DD	VET DECEASED
DF	DUPLICATE FACILITY
DL	DUPLICATE LOCATION
DV	DEACTIVATE VET
FC	FACILITY CLOSED
FE	FACILITY DEACTIVATED IN ERROR
FM	FACILITY MOVED
FV	FACILITY DATA VERIFIED
HA	HIN ASSIGNED





LC	LOCATION OR PRACTICE CLOSED
LE	LOCATION/PRACTICE DEACTIVATED IN ERROR
LF	LOCATION OF ANOTHER FACILITY
LM	LOCATION OR PRESCRIBER MOVED
LV	LOCATION OR PRESCRIBER VERIFIED
OC	OWNERSHIP CHANGED
PM	PLAN MERGED
VC	VET OUT OF BUSINESS
VM	VET MOVED
VR	VET RETIRED
VS	VET SOLD BUSINESS