HPD Open Data

Registrations

Pursuant to New York City's Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) collects registration information from owners of residential rental units. Owners are required to register if they own residential buildings with three or more units or if they own one- or two-family homes and neither they nor members of their immediate family live there. Registrations are required upon taking ownership of a qualifying building, and once a year thereafter.

The registration information in this file is updated quarterly, normally as of April 30, July 31, October 30 and January 31. Each file will contain the information from the last valid registration at the time of the file posting. A valid registration is one in which all of the appropriate data is supplied. Each registration will also display an expiration date. If the expiration date has passed, the property registration is not **current**. The law requires HPD to mail Notices of Violation to the owner using the last valid registration, even if that property registration is not current. A property registration must be valid and current for the property to be in compliance with the law. In order to determine which registration in a previous file may be replaced by a registration in a new file, the building being registered is uniquely identified by an XML element called BuildingID (full XML path: //RegistrationOpenData/Registrations/Registration/BuildingID). Use this value to link new registrations with any history you are maintaining in your own datastore.

Starting with the September, 2012 release a registration may apply to more than one building (so-called Garden Complexes). In such cases, there will be more than one Registration element with the same RegistrationID. However, each such element will have a different BuildingID and other building-specific information, such as address, BBL and BIN.

Data Dictionary

The Registration information is structured as XML. Schema files defining the XML format are included in the zip package containing this file. The root schema file is called "services.hpd.gov.xsd". The XML structure is pretty simple, containing the following major elements

RegistrationOpenData
       Description – a brief description of the data set
       InformationURL – an url where related information can be found
       SourceAgency – the agency providing the data (HPD)
       SourceSystem – the agency's system for managing the data
       StartDate – the start date of the period covered by the file
       EndDate – the end date of the period covered by the file

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Registrations
        Registration (one or more)
                <multiple elements; see below>
                Contacts
                        RegistrationContact (one or more)
                                <multiple elements; see below>
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The RegistrationOpenData element is the root element and contains some descriptive elements as well as the Registrations collection, which contains Registration elements. Each Registration element contains elements about the building and the registration, as well as the Contacts collection, which contains RegistrationContact elements. Each RegistrationContact element contains elements about a person or organization identified on the registration form.

RegistrationOpenData Element

Element Name	Data Type	Description
Description	string	a brief description of the data set
InformationURL	string	a url where related information can be found
SourceAgency	string	the agency providing the data (HPD)
SourceSystem	string	the agency's system for managing the data
StartDate	dateTime	the start date of the period covered by the file
EndDate	dateTime	the end date of the period covered by the file

Registration Element

Element Name	Data Type	Description
RegistrationID	long	Unique identifier of Registration
BuildingID	long	Unique identifier of building being registered
Boro	LookupValue	Address information for the registered building (see below for Boro)
HouseNumber	string	
LowHouseNumber	string	
HighHouseNumber	string	
StreetName	string	
StreetCode	long	
Zip	string	
Block	int	Tax block for building
Lot	int	Tax lot for building
BIN	int	DCP Building Identification Number for building
CommunityBoard	int	Community Board for building
LastRegistrationDate	dateTime	Date on which the registration

		information was processed
RegistrationEndDate	dateTime	Expiration date of registration record
Contacts	Array of RegistrationContacts	Registered people and organizations

Boro LookupValue Element

Element Name	Data Type	Description
GroupName	string	"Boro"
SeqNo	long	Boro code (1 = Manhattan, 2 = Bronx, 3 = Brooklyn, 4 = Queens, 5 = Staten Island)
ShortName	string	"MN", "BX", "BK", "QN", "SI"
LongName	string	"Manhattan", "Bronx", "Brooklyn", "Queens, "Staten Island"
Order	int	Not applicable

RegistrationContact Element

Element Name	Data Type	Description
RegistrationContactI	long	Unique identifier of RegistrationContact
RegistrationID	long	Unique identifier of owning Registration
Type	RegistrationContactType	"Individual Owner", "Corporate Owner", "Managing Agent", "Head Officer", "Officer", "Shareholder"
ContactDescription	string	Description of contact
CorporationName	string	If applicable
Title	string	Contact person information
FirstName	string	
MiddleInitial	string	
LastName	string	
BusinessHouseNumber	string	Contact address information
BusinessStreetName	string	
BusinessApartment	string	
BusinessCity	string	
BusinessState	string	
BusinessZip	string	