

"CAP STREET FILE" DATABANK

LIST OF STREETS IN THE MAIN

ITALIAN CITIES

TECHNICAL SPECIFICATIONS

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# 1 "CAP STREET FILE" DATABANK

CAP Street File is the street guide of 108 Italian cities – the 107 provincial capitals and Cesena – that offers all the advantages of the postal network structure, as well as full compatibility with the most common databanks. It is available in Access 2000 format and is compatible with all Microsoft Office applications used in Windows.

The CAP Street File is composed of the following tables:

- Regione: including the 20 regions in Italy;
- Provincia: covering **the 110 provinces in Italy**;
- Comune: covering the 8094 municipalities in Italy complete with relative zip codes, as well as the localities in the independent States located within Italian borders (Republic of San Marino and Vatican City);
- Frazione: listing the most significant villages from the point of view of postal services, complete with **zip codes**;
- Strada: listing streets in the 254 following cities:

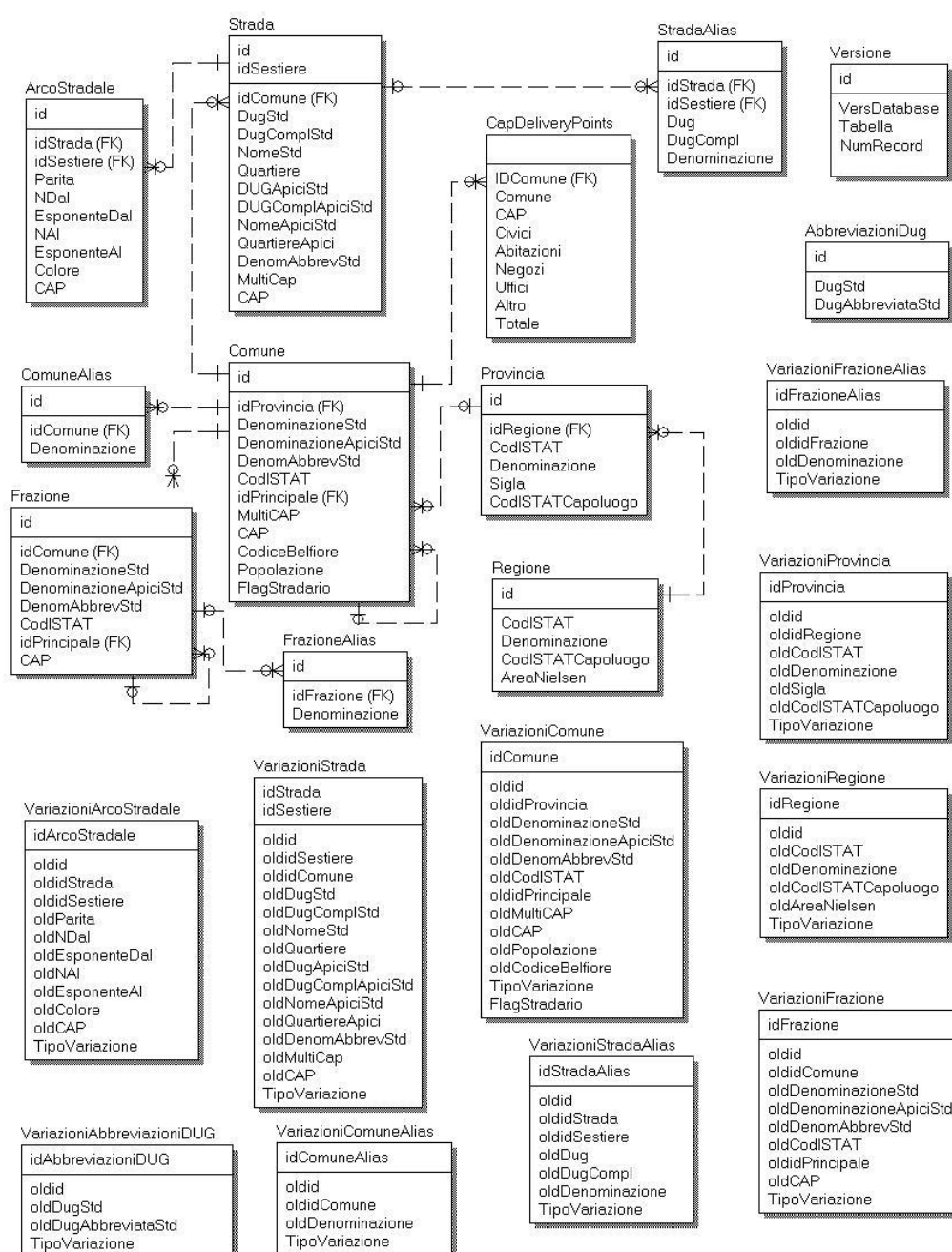
Abbiategrosso	Acquaviva delle Fonti	Acqui Terme	Adria	Agrigento	Alba	Albenga
Alessandria	Alghero	Anagni	Ancona	Andria	Angri	Aosta
Aprilia	Arezzo	Argenta	Arzignano	Ascoli Piceno	Assisi	Asti
Avellino	Avezzano	Bacoli	Bagno a Ripoli	Bari	Barletta	Bassano del Grappa
Bastia	Belluno	Benevento	Bergamo	Biella	Bollate	Bologna
Bolzano	Borgomanero	Bra	Brescia	Bresso	Brindisi	Brugherio
Buccinasco	Cagliari	Caltanissetta	Camaione	Campobasso	Canosa di Puglia	Cantù
Capaccio	Capannori	Carbonia	Carmagnola	Carpi	Carrara	Casalecchio di Reno
Cascina	Caserta	Cassano Magnago	Castel San Pietro Terme	Castelfranco Veneto	Castellammare di Stabia	Castiglione delle Stiviere
Castrovillari	Catania	Catanzaro	Cava de' Tirreni	Ceccano	Cecina	Cento
Cernusco sul Naviglio	Cerveteri	Cervia	Cesano Maderno	Cesena	Cesenatico	Chiavari
Chieri	Chieti	Chioggia	Chivasso	Ciampino	Cinisello Balsamo	Cisterna di Latina
Città di Castello	Civitanova Marche	Civitavecchia	Colleferro	Collegno	Cologno Monzese	Comacchio
Como	Conegliano	Conversano	Correggio	Cortona	Cosenza	Cremona
Crotone	Cuneo	Dalmine	Desenzano	Desio	Empoli	Enna

			del Garda			
Fabriano	Faenza	Falconara Marittima	Fano	Feltre	Ferentino	Fermo
Ferrara	Fidenza	Firenze	Foggia	Foligno	Follonica	Fondi
Forlì	Formia	Fossano	Frascati	Frattamaggiore	Frosinone	Fucecchio
Gaeta	Gallipoli	Garbagnate Milanese	Genova	Genzano di Roma	Gorizia	Grosseto
Grottaglie	Grugliasco	Imola	Imperia	Isernia	Ivrea	Jesi
La Spezia	Lainate	Lamezia Terme	Lanusei	L'Aquila	Latina	Lecce
Lecco	Legnago	Legnano	Lissone	Livorno	Lodi	Lucca
Macerata	Maddaloni	Magenta	Mantova	Marano di Napoli	Mariano Comense	Marino
Marsala	Massa	Matera	Messina	Milano	Mira	Mirandola
Modena	Montichiari	Monza	Napoli	Narni	Nettuno	Novara
Nuoro	Olbia	Orbassano	Oristano	Orvieto	Padova	Palermo
Parabiago	Parma	Pavia	Perugia	Pesaro	Pescara	Peschiera Borromeo
Piacenza	Pinerolo	Pisa	Pistoia	Poggibonsi	Pomezia	Pordenone
Porto Sant'Elpidio	Porto Torres	Potenza	Prato	Quarrata	Ragusa	Ravenna
Reggio Calabria	Reggio Emilia	Rende	Rho	Rieti	Rimini	Roma
Roseto degli Abruzzi	Rovereto	Rovigo	Salerno	Sanluri	Saronno	Sassari
Savona	Scandicci	Seregno	Settimo Torinese	Seveso	Siena	Siracusa
Sondrio	Sulmona	Taranto	Teramo	Termoli	Terni	Tolentino
Torino	Torre Annunziata	Torre del Greco	Trapani	Trento	Treviglio	Treviso
Trieste	Udine	Valenza	Varese	Vasto	Venezia	Verbania
Vercelli	Verona	Viareggio	Vibo Valentia	Vicenza	Villafranca di Verona	Villaricca
Viterbo	Voghera					

- ArcoStradale: listing street-number ranges for each street that has multiple zip codes, as well as the corresponding zip codes;
- ComuneAlias: covering the most commonly used alternative names or name variations for different municipalities, that is, the most common variations in writing/spelling used when making out an address;

- **FrazioneAlias:** providing the most commonly used alternative names or name variations for different neighbourhoods;
- **StradaAlias:** providing the most commonly used alternative names or name variations for different streets;
- **AbbreviazioniDUG:** recording the standard abbreviations for the General Urban Denomination (Via, Piazza, etc.) only of those cities whose streets figure on the Street table.
- In addition, the databank presents a service table (Version Table), which contains information on the version of the database and the number of records for each table.

## DATA CHART



## TABLE DESCRIPTION

This section provides information on the data recorded for each table in the databank. The table includes the name of each field, a description of the content, the data format, and information on the mandatory fields, in addition to the name of the table and the information provided in the column and row headings.

### 1.1.1 Regione

Table	Column Name	Informational Content	Type of data	PK	FK	NULL Option
Regione	id	Univocal identification of record	Long Integer	YES		NOT NULL
	CodISTAT	ISTAT code for the Region	Text(2)			NOT NULL
	Denominazione	Denomination for the Region	Text(25)			NOT NULL
	CodISTATCapoluogo	ISTAT code for the capital Municipality in the Region	Text(6)			NOT NULL
	AreaNielsen	Code according to the Nielsen area	Byte			NOT NULL

- The ISTAT code for the capital municipality of the Region makes it possible to find the capital municipality of the Region, which is located in the Municipality Table.
- The Nielsen Area field contains the code that identifies the geographical area into which the Nielsen research institute divides countries into in order to conduct surveys and market research, coverage, market shares, prices and a series of analyses for marketing and distribution. The subdivision to be used is as follows:
  - 1: Piemonte, Val d'Aosta, Liguria, Lombardia;
  - 2: Trentino-Alto Adige, Veneto, Friuli-Venezia Giulia, Emilia-Romagna;
  - 3: Toscana, Umbria, Marche, Lazio, Sardegna;
  - 4: Abruzzo, Molise, Puglia, Campania, Basilicata, Calabria, Sicilia.

## 1.1.2 Provincia

Table	Column Name	Informational Content	Type of data	PK	FK and table referred to	NULL Option
Provincia	id	Univocal identification of record	Long Integer	YES		NOT NULL
	idRegione	Region ID	Long Integer		Yes Regione	NOT NULL
	CodISTAT	ISTAT code for the Province	Text(3)			NOT NULL
	Denominazione	Denomination of the Province	Text(25)			NOT NULL
	Sigla	Province abbreviation	Text(2)			NOT NULL
	CodISTATCapoluogo	ISTAT code for the capital Municipality of the Province	Text(6)			NOT NULL

- The idRegione makes it possible to determine which region each province belongs to, through a link to the Regione Table;
- The ISTAT code for the province's capital municipality makes it possible to find the Province's capital municipality, which is located in the Comune Table.

## 1.1.3 Comune e Frazione

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
Comune	Id	Univocal identification of record	Long Integer	YES		NOT NULL
	idProvincia	Province ID	Long Integer		Yes Provincia	NULL
	DenominazioneStd	Standard denomination for the municipality	Text(50)			NOT NULL
	DenominazioneApiciStd	Denomination of the Neighbourhood including any superscripts, dots and dashes where present	Text(50)			NULL
	DenomAbbrevStd	Standard abbreviated denomination for the Municipality	Text(25)			NOT NULL
	CodISTAT	ISTAT code for the Municipality	Text(6)			NULL
	idPrincipale	Corresponding ID in Italian for municipalities that have German denominations	Long Integer		Yes Comune	NULL

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
	MultiCAP	Indicates whether or not the city is divided into postal zones	Text(1)			NOT NULL
	CAP	Zip code	Text(5)			NULL
	FlagStradario	Indicates whether the streets of the municipality are recorded in the Street table	Text(1)			NOT NULL
	Codice Belfiore	Belfiore (or cadastral) code of the municipality	Text(4)			NULL
	Popolazione	Population as recorded by the ISTAT 2001 census	Long Integer			NULL

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
Frazione	Id	Univocal identification of record	Long Integer	YES		NOT NULL
	idComune	ID for the Municipality	Long Integer		Yes Comune	NOT NULL
	DenominazioneStd	Denomination for the Neighbourhood	Text(50)			NOT NULL
	DenominazioneApici Std	Denomination of the neighbourhood including any superscripts, dots and dashes where present	Text(50)			NULL
	DenomAbbrevStd	Standard abbreviated denomination for the Neighbourhood	Text(25)			NOT NULL
	CodISTAT	ISTAT code for the Neighbourhood	Text(11)			NULL
	idPrincipale	<i>Corresponding ID in Italian for neighbourhoods that have German denominations</i>	Long Integer		Yes Frazione	NULL
	CAP	Zip code	Text(5)			NULL

- **idProvincia:** provides a link between the Comune Table and the Provincia Table in order to determine which province each municipality belongs to. This field is not used for the independent foreign States (Republic of San Marino and Vatican City).
- **idComune:** provides a link between the Frazione Table and the Comune Table in order to determine which municipality each neighbourhood belongs to.
- **DenominazioneStd:** present in both tables, this provides the standard denomination for the respective Municipality (Comune Table) and

Neighbourhood (Frazione Table); this denomination is recorded without any punctuation marks (.,;) or special characters ('\_#', etc.).

- DenominazioneApiciStd: present in both tables, this provides the standard denomination for the respective Municipality (Comune Table) and Neighbourhood (Frazione Table). The denomination includes any superscripts, dots and dashes where present.
- DenomAbbrevStd: present in both tables, this provides the standard abbreviated denomination used in the respective Municipality (Comune Table) and Neighbourhood (Frazione Table); the maximum length is 25 characters. This field always contains information; for municipalities and neighbourhoods that have a standard denomination of no more than 25 characters, it is the same as the information recorded in the DenominazioneStd field. Punctuation marks and special characters cannot be used in this column either.

*Examples:*

COMUNE/FRAZIONE	DENOMINAZIONESTD	DENOMABBREVSTD
Comune	PINO SULLA SPONDA DEL LAGO MAGGIORE	PINO SPONDA LAGO MAGGIORE
Frazione	SAN GABRIELE DELL ADDOLORATA	S GABRIELE ADDOLORATA

- ➔ *Whenever an abbreviation is necessary (e.g. if the name of the municipality or neighbourhood is too long for the space provided on envelopes with a transparent window), only the **standard abbreviated form** should be indicated in order to ensure proper recognition of mail items by the scanners located in the sorting machines. It is not advisable to use any abbreviated form other than the standard forms provided by Poste Italiane.*

*Standard abbreviations can be used advantageously when recording the denomination of the municipality or neighbourhood in databanks with small fields.*

- CodISTAT: provides the ISTAT code for the municipality or neighbourhood in their respective tables. The ISTAT code for the municipality is composed of 6 digits where:
  - the first 3 indicate the ISTAT code for the province
  - the remaining 3 identify the municipality within the province.

This column is not used for the independent foreign States (Republic of San Marino and Vatican City).

The ISTAT code for the neighbourhood (present only if recorded by ISTAT in the 2001 census) is composed of 11 digits where:

- the first 6 indicate the ISTAT code for the municipality
  - the remaining 5 identify the neighbourhood within the municipality.
- idPrincipale: field present in both tables created for municipalities and neighbourhoods in the province of Bolzano which have German denominations.  
This field makes it possible to return to the corresponding standard denomination. Therefore it is sufficient to “join” the parts of the table, connecting the ID for that particular record with the idPrincipale.

**Examples:**

Comune/Frazione	id	DenominazioneStd	idPrincipale	Notes
Comune	2837	BOLZANO		
	9393	BOZEN	2837	German denomination for Bolzano
Frazione	21842	CASTELFIRMIANO		
	22863	SIGMUNDSKRON	21842	German denomination for Castelfirmiano

➔ *For municipalities and neighbourhoods in the province of Bolzano it is possible to complete addresses on mail items using either the German or Italian denomination.*

- Multicap: listed only in the Comune Table, this indicates “Yes” for the 41 cities divided into postal zones and “No” for all other municipalities.
- FlagStradario: listed only for the Municipality table, this indicates “Yes” for the 108 municipalities whose streets are present in the Strada table, and “No” for all other municipalities.
- Codice Belfiore: listed only for the Comune table, this contains the individual identification code assigned to a Municipality, which becomes part of the TIN number; known also as cadastral code.
- Popolazione: listed only for the Comune table, this contains the population as recorded by the ISTAT 2009 release.

- CAP: this field is always used with the exception of the 41 cities divided into postal zones. For these cities, which have different zip codes for individual streets, it is necessary to search in the Strada Table.

**Examples:**

Comune/Frazione	Denominazione	CAP	Notes
Comune	ROMA		City divided into postal zones
	ASTI	14100	Capital municipality not divided into postal zones
	FIUMICINO	00054	Other municipalities not divided into postal zones
Frazione	ACILIA		Area in Roma (City with multiple zip codes)
	VARIGLIE	14100	Area in Asti
	MACCARESE	00057	Area in Fiumicino

➔ For mail being sent to cities that are divided into postal zones, a neighbourhood cannot be indicated as the destination. The name of the city must always be indicated.

**Examples**

YES	NO
MARIO ROSSI VIA DI PRATO CORNELIO 85 00125 ROMA RM	MARIO ROSSI VIA DI PRATO CORNELIO 85 00125 ACILIA RM

## 1.1.4 Strada

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
Strada	id	Identifies the street	Long Integer	YES		NOT NULL
	idSestiere	Identifies the district it belongs to, only valid for the city of Venezia	Long Integer	YES		NOT NULL
	idComune	ID for the Municipality	Long Integer		YES Comune	NOT NULL
	DugStd	Standard DUG	Text(25)			NULL
	DugComplStd	Complements included in the DUG	Text(25)			NULL
	NomeStd	Name of the street	Text(50)			NOT NULL
	Quartiere	District the street is located in	Text(50)			NULL
	DenomAbbrevStd	Standard abbreviated denomination: divided into DUG, DUG complements, and street name	Text(30)			NOT NULL
	DugApiciStd	Standard DUG, including any superscripts, dots and dashes where present	Text(25)			NULL
	DugComplApiciStd	DUG complements including any superscripts, dots and dashes where present	Text(25)			NULL
	NomeApiciStd	Name of the street including any superscripts, dots and dashes where present	Text(50)			NULL
	QuartiereApici	District in which the street is located, including any superscripts, dots and dashes where present.	Text(50)			NULL
	MultiCAP	Indicates whether or not the street has multiple zip codes	Text(1)			NOT NULL
	CAP	Zip code shown for streets with one zip code only	Text(5)			NULL

- idSestiere: this field is valid for the city of Venezia only; for definition and use see “Place-Name Structure for Venezia”.
- idComune: provides a link to the Comune Table in order to determine which city the street is located in.

- DugStd, DugComplStd, NomeStd: these fields provide the street denomination, divided into three elements:
  - *DugStd*: indicates the type of street (Via, Piazza, Viale, etc.); also referred to as the DUG (Denominazione Urbanistica Generica);
  - *DugComplStd*: the denomination's complements, including prepositions or "expressions" that are part of the name (della, di, per, di Via, etc.)
  - *NomeStd*: *Name of the street*.

**Examples:**

TABELLA STRADA		
DugStd	DugComplStd	NomeStd
VIA		CRISTOFORO COLOMBO
VIA	DEL	SERAFICO
TRAVERSA I	DI VIA	CASSANO

- DugApiciStd, DugComplApiciStd, NomeApiciStd: in these fields is memorised the standard denomination of the street, including any superscripts, dots and dashes where present, divided up into the following three elements:
  - *DugApiciStd*: indicates the type of street (Via, Piazza, Viale, etc.); also referred to as *Denominazione Urbanistica Generica* (DUG), including any superscripts, dots and dashes where present;
  - *DugComplApiciStd*: the denomination's complements, including prepositions or expressions that are part of the name (della, di, per, di Via, etc.) including superscripts, dots and dashes where present;
  - *NomeApiciStd*: name of the street, including any superscripts, dots and dashes where present.
- District: indicates the district in which the street is located; this field is only used when a city has two streets with the same standard denomination (DUG, DUG complements and street name), in order to differentiate between the streets and find the correct zip code. This field does not contain any punctuation marks or special characters either. For the city of Venezia, the definition and use of this field is specified in "Place-Name Structure for Venezia".

**Examples:**

TABELLA STRADA		
DugStd	NomeStd	Quartiere
PIAZZA	GIOVANNI XXIII	SECONDIGLIANO
PIAZZA	GIOVANNI XXIII	SOCCAVO

➔ To address mail items correctly, it is necessary to add the information contained in the **district** field, when present. This goes after the name of the street. Doing so will make it easier for the scanner to recognise the address when mail is sorted.

**Examples:**

YES	NO
MARIO ROSSI PIAZZA GIOVANNI XXIII SECONDIGLIANO 85 80144 NAPOLI NA	MARIO ROSSI PIAZZA GIOVANNI XXIII 85 80144 NAPOLI NA
MARIO ROSSI PIAZZA GIOVANNI XXIII SOCCAVO 3 80126 NAPOLI NA	MARIO ROSSI PIAZZA GIOVANNI XXIII 3 80126 NAPOLI NA

- QuartiereApici: lists the district in which the street is located, with any supercripts, dots and dashes where present.
- DenomAbbrevStd: this field shows the standard abbreviated denomination for the street; it also contains the name or an abbreviation of the name of the district the street is located in, when necessary.

The maximum length of the standard abbreviated denomination is 30 characters.

This column always contains information. For streets with a standard denomination (including the district if required) which does not exceed the

maximum limit of characters, it is the same as the street denomination (including the district where necessary).

The standard abbreviated denomination does not contain any punctuation marks or special characters.

### Examples

TABELLA STRADA				
DugStd	DugCompStd	NomeStd	Quartiere	DenomAbbrevStd
PIAZZA		CARDINALE SISTO RIARIO SFORZA		PIAZZA CARD S RIARIO SFORZA
VIALE	DEI	CADUTI NELLA GUERRA DI LIBERAZIONE		VLE CAD GUERRA LIBERAZIONE
VIA		ANTONIO CIMINO	VILLA SAN GIUSEPPE	VIA A CIMINO VILLA S GIUSEPPE
VIA		ZANGHI	TORRE FARO	VIA ZANGHI TORRE FARO
VIA		FRANCESCO BARACCA		VIA FRANCESCO BARACCA

➔ *When it is necessary to use an abbreviation (e.g. when the name of the street is too long for the space provided on envelopes with a transparent window), only the standard abbreviated form should be indicated, in order to ensure proper recognition of mail items by the scanners located in the sorting machines.*

*It is not advisable to use any abbreviated form other than the standard forms provided by Poste Italiane.*

*Standard abbreviations can be used advantageously when recording the denomination of the municipality or neighbourhood in databanks with small fields.*

- MultiCAP: set at "S" for streets that have more than one zip code and "N" for all other streets.
- CAP: the "zip code" field always contains information, except in the case of a street with multiple zip codes. In this case, in order to find the correct zip code it is necessary to have information on the street number in order to complete a search in the ArcoStradale Table.

**Examples:**

TABELLA STRADA						
Id	idComune	DugStd	DugComplStd	NomeStd	CAP	Notes
1349 2	4128	PIAZZA	DELLE	ERBE	16123	This is a single-zip code street in Genova.
4704 3	7224	VIA		APOLLO		This is a multiple-zip code street in Reggio Calabria: the information in the ArcoStradale Table must be checked

### 1.1.5 Place-Name Structure for Venezia

The place-name structure (format of address names) for the city of Venezia is unique and differs from that of the country's standard structure, due to the unusual urban layout of the area. Venezia has two different formats for its place-name structure.

#### **Standard place-name structure**

This is the same as the format used elsewhere in Italy, where the address is identified by the street denomination (DUG, any DUG complements where present, and street name) and the street number. This is the most common form for Venezia's inland areas (Mestre).

*Example*

MARIO ROSSI  
VIA ADIGE 2  
30174 VENEZIA VE

#### **Place-name structure for Venezia**

In this case, specific areas in the historical city centre and part of the lagoon area are divided into "Sestieri" (traditional denomination used in Venezia to refer to districts), which have their own progressive numerical system instead of street numbers.

To correctly indicate an address located in these districts, the name of the district followed by the number should be used:

*MARIO ROSSI  
SESTIERE CANNAREGIO 1678  
30121 VENEZIA VE*

This specific numerical system is used for the following lagoon areas:

- Cannaregio, Castello (excluding S. Elena), Dorsoduro, San Marco, San Polo and Santa Croce in the historical city centre
- San Martino Destra, San Martino Sinistra, San Mauro, Giudecca and Terranova on the island of Burano
- Busetti, Scarpa, Zennari and Vianelli on the island of Pellestrina

Other areas of Venezia that use the same system include:

- the island of Giudecca (excluding Sacca Fisola)
- San Pietro in Volta on the island of Pellestrina
- the island of Mazzorbo.

There are also some streets located within each district.

However, a standard street address is not sufficient for the streets located within these districts, because there are various streets with the same name that can be found in several different districts.

For example, in each of the districts CANNAREGIO, CASTELLO, DORSODURO, SAN POLO and SAN MARCO, there is a street with the name “Calle del Cristo.” In other words, there are five different streets with the same name.

To properly indicate the address for locations within the districts, the street name is not specific enough. The following address:

MARIO ROSSI  
CALLE DEL CRISTO 1678  
30121 VENEZIA VE

*could cause ambiguity and be subject to various interpretations; therefore, it is also necessary to indicate the district the street belongs to.*

Consequently, in the Strada Table for the city of Venezia, the following can be found:

- streets with standard place-name structure;
- districts or areas following the specific numbering system of the lagoon, which are indicated with a format similar to that of “standard” streets;
- streets located in the lagoon area, which must be indicated by both the street name and name of the district in order to clearly identify the correct street, followed by the correct zip code.

The key to indicating the correct address is using both the idStrada and the idSestiere.

Streets with standard place-name structure show no information in the idSestiere column (or are recorded with 0).

The districts and other places that use the separate numbering system of the lagoon are recorded in the same way as standard streets.

TABELLA STRADA				
Id	IdSestiere	DugStd	DugComplStd	NomeStd
78063	0	VIA		ADIGE
10106199	0	SESTIERE		CANNAREGIO
10106205	0	ISOLA DELLA		GIUDECCA

For streets within the lagoon area, the idSestiere column also provides information, because it is necessary to indicate which district it is located in. I.e. the Strada tables must be joined, connecting the idSestiere to the idStrada. For these streets, the denomination of the district is therefore recorded in the District field for convenience.

**Examples:**

TABELLA STRADA					
Id	IdSestiere	DugStd	DugComplStd	NomeStd	Quartiere
10106200		SESTIERE		DORSODURO	
77814	10106200	CALLE	DEL	CRISTO	DORSODURO
10106202		SESTIERE		SAN POLO	
77814	10106202	CALLE	DEL	CRISTO	SAN POLO
10106199		SESTIERE		CANNAREGIO	
77814	10106199	CALLE	DEL	CRISTO	CANNAREGIO
10106201		SESTIERE		SAN MARCO	
77814	10106201	CALLE	DEL	CRISTO	SAN MARCO
10106204		SESTIERE		CASTELLO	
77814	10106204	CALLE	DEL	CRISTO	CASTELLO

➔ To avoid any ambiguity and improve the mail sorting process, it is necessary to indicate the following address information:

*the **name of the district** complete with DUG and number*

or

*the **name of the street followed by the name of the district** it is located in, without DUG (or any complements thereof where present)*

*Examples:*

YES	NO
MARIO ROSSI SESTIERE CANNAREGIO 1678 30121 VENEZIA VE	MARIO ROSSI CALLE DEL CRISTO 1678 30121 VENEZIA VE
MARIO ROSSI CALLE DEL CRISTO CANNAREGIO 1678 30121 VENEZIA VE	MARIO ROSSI CALLE DEL FORNO 508 30133 VENEZIA VE
MARIO ROSSI ISOLA DELLA GIUDECCA 508 30133 VENEZIA VE	
MARIO ROSSI CALLE DEL FORNO GIUDECCA 508 30133 VENEZIA VE	

## 1.1.6 ArcoStradale

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
ArcoStradale	id	Univocal identification of record	Long Integer	YES		NOT NULL
	idStrada	ID for the Street	Long Integer		Yes Strada	NOT NULL
	idSestiere	ID for the District	Long Integer		Yes Strada	NOT NULL
	Parita	Type of street-number range	Text(1)			NOT NULL
	NDal	Low end of the street-number range	Long Integer			NOT NULL
	EsponenteDal	Additional details for numbers at the low end of the range	Text(15)			NULL
	NAI	High end of the street-number range	Long Integer			NOT NULL
	EsponenteAl	Additional details for numbers at the high end of the range	Text(15)			NULL
	Colore	Colour associated with the street number range	Text(1)			NOT NULL
	CAP	Zip code	Text(5)			NOT NULL

- idStrada: provides a link to the Strada Table in order to determine which street the number ranges refer to and the respective zip codes.
- idSestiere: only valid for the city of Venezia. Used together with the idStrada, provides a link to the Strada Table.
- Parita: indicates the type of street number range, which can be one of three kinds:
  - Even street numbers (Odd/Even Column shows “P” for Pari (even))
  - Odd street numbers (Odd/Even Column shows “D” for Dispari (odd))
  - Kilometric street numbers (Odd/Even Column shows “K”).

There are some locations, usually situated in extraurban areas, which do not have specific street numbers and are, therefore, identified by corresponding kilometre markers.

**Example**

**MARIO ROSSI**

VIA ARDEATINA KM 15,500

00134 ROMA RM

- NDal: street number at the low end of the range. For kilometric street numbers this is expressed in metres.
- EsponenteDal: number extension for street numbers at the low end of the range, which complete the identification for locations with “derivatives” (e.g. 58/A).  
These are recorded without punctuation marks/symbols and may be in the form of:
  - a sequence: BIS, TER, QUATER
  - a letter
  - a number
  - a letter and a number: A1, B2
- NAl: street number at the high end of the range. For kilometric street numbers this is expressed in metres.
- EsponenteAl: number extension for street numbers at the high end of the range, which complete the identification for locations with “derivatives” (e.g. 58/A).
- Colore: only valid for the cities of Genova and Firenze. In these cities, the numerical system uses colours in addition to the street numbers. There are black and red street numbers.

**Example**

**MARIO ROSSI**

VIA ARGINE POLCEVERA 3 ROSSO

16147 GENOVA GE

The column displays “R” if the street number is composed of red numbers. In all other cases, it displays “NULL”.

- CAP: this is the zip code assigned to the numbers belonging to each street number range.

## Examples

TABELLA STRADA						
Id	IdComune	DugStd	NomeStd	CAP	MultiCAP	Notes
12380	4128	VIA	ARGINE POLCEVERA		S	This is a multiple-zip code street in Genova: the information in the ArcoStradale Table must be checked
126405 0	7489	STRADA STATALE	113		S	This is a multiple-zip code street in Messina: the information in the ArcoStradale Table must be checked

TABELLA ARCOSTRADALE								
id	idStrada	Parita	NDaI	NAI	EsponenteAI	Colore	CAP	Notes
2363 8	12380	D	1	95			1614 7	Number ranges for Via Argine Polcevera
2363 9	12380	D	3	69		R	1614 7	Number ranges for Via Argine Polcevera
2363 7	12380	P	2	24	B		1614 7	Number ranges for Via Argine Polcevera
2364 2	12380	P	2	38	A	R	1614 8	Number ranges for Via Argine Polcevera
2617 9	126405 0	K	0	699 9			9815 2	Number ranges for Strada Statale 113
2619 5	126405 0	K	7200	850 0			9812 4	Number ranges for Strada Statale 113

**NB:** To search for a street number within a specific range in order to find the correct zip code, the standard order of street numbers is the following:

1. numbers without number extension
2. numbers with number extension "BIS"
3. numbers with number extension "TER"
4. numbers with number extension "QUATER"
5. numbers with numerical number extension
6. numbers with an alphanumeric number extension

### Example

Within these two ranges:

Odd numbers from 51 to 99/A

Odd numbers from 99/A1 to 121

the numbers 99/BIS and 99/1 are included in the first range

the numbers 99/B and 99/B1 are included in the second range

## 1.1.7 ComuneAlias, FrazioneAlias, StradaAlias

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
ComuneAlias	id	Univocal identification of record	Long Integer	YES		NOT NULL
	idComune	ID for the Municipality	Long Integer		Yes Comune	NOT NULL
	Denominazione	Information on the alternative name for the Municipality	Text(50)			NOT NULL

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
FrazioneAlias	id	Univocal identification of record	Long Integer	SI		NOT NULL
	idFrazione	ID for the Neighbourhood	Long Integer		Yes Frazione	NOT NULL
	Denominazione	Information on the alternative name of the Neighbourhood	Text(50)			NOT NULL

Table	Column Name	Information Content	Type of data	PK	FK and table referred to	NULL Option
StradaAlias	id	Univocal identification of record	Long Integer	SI		NOT NULL
	IdStrada	ID for the Street	Long Integer		Yes Strada	NOT NULL
	idSestiere	Refers to the District ID	Long Integer		Yes Strada	NOT NULL
	Dug	DUG	Text(25)			NULL
	DugCompl	Complements included in the DUG	Text(25)			NULL
	Denominazione	Information on the alternative name of the Street	Text(103)			NOT NULL

These three tables display the alternative name or name variation for denominations of Municipalities, Neighbourhoods and Streets. More specifically:

- variations in spelling that are most frequently used when composing an address;
- a former denomination where a municipality, neighbourhood or street has changed names;

- possible cases of “out-of-use” names, or denominations used for municipalities and neighbourhoods in the 1997 zip code directory. Starting with the 2006 publication, the official name of municipalities and neighbourhoods has been taken from ISTAT.

For some streets there is a local name, i.e. an unofficial name which the local population commonly uses as an alternative to the official name.

Alternative names are recorded without the use of punctuation marks (.,;) or special characters ('\_# , etc.).

Each table provides identification for the standard denomination (IdComune, IdFrazione, IDStrada, IdSestiere) and a description of the alternative name.

### Examples

Tabella Comune	
id	DenominazioneStd
4760	ABBADIA SAN SALVATORE
2040	SANT OMOBONO TERME
3595	ABANO TERME

Tabella ComuneAlias			
id	idComune	Denominazione	Notes
67587	4760	ABBADIA S SALVATORE	Variation in spelling of the municipality of ABBADIA SAN SALVATORE
69032	2040	S OMOBONO TERME	Variation in spelling of the municipality of SANT OMOBONO TERME
69033	2040	S OMOBONO TME	Variation in spelling of the municipality of SANT OMOBONO TERME
10000950 4	2040	SANT OMOBONO IMAGNA	Former denomination for the municipality of SANT OMOBONO TERME
69065	3595	ABANO TME	Variation in spelling of the municipality of ABANO TERME
10000951 4	3595	ABANO TERME BAGNI	“Out-of-use” denomination published in 1997 for the municipality of ABANO TERME

Tabella Frazione	
id	Denominazione
3662	MONTE SAN PIETRO
11926	TIVOLI TERME
1772	CANTU ASNAGO

Tabella FrazioneAlias			
id	idFrazione	Denominazione	Notes
73455	3662	MONTE S PIETRO	Variation in spelling for the neighbourhood of MONTE SAN PIETRO
82416	3662	MTE SAN PIETRO	Variation in spelling for the neighbourhood of MONTE SAN PIETRO
100023079	11926	BAGNI DI TIVOLI	Former denomination for the neighbourhood of TIVOLI TERME
100025460	1772	ASNAGO DI CANTU	"Out-of-use" denomination published in the 1997 edition for the neighbourhood of CANTU ASNAGO

### Examples

Tabella Strada				
Id	IdComune	DugStd	DugComplStd	NomeStd
59377	5392	PIAZZA	DELLA	REPUBBLICA
1072812	3593	VIA		CAMILLO BENSO CONTE DI CAVOUR

Tabella StradaAlias				
id	idStrada	Dug	Denominazione	Notes
107281216967212	1072812	VIA	C BENSO CONTE DI CAVOUR	Variation in spelling for Via CAMILLO BENSO CONTE DI CAVOUR
107281216967352	1072812	VIA	CAVOUR	Variation in spelling for Via CAMILLO BENSO CONTE DI CAVOUR
107281216967252	1072812	VIA	CAMILLO BENSO DI CAVOUR	Variation in spelling for Via CAMILLO BENSO CONTE DI CAVOUR
110135441	59377	PIAZZA	ESEDRA	Former denomination for Piazza della Repubblica in Roma

→ **Alternative street names or spellings must not be indicated on mail addresses:** they are only provided in order to facilitate recognition of the place-name (name of the municipality, neighbourhood or street) so that the correct zip code can be obtained.

The principal **standard denomination** for the municipality, neighbourhood or street (or the proper abbreviation) should always be used when indicating addresses on mail.

### 1.1.8 AbbreviazioniDUG

Table	Column Name	Information Content	Type of data	NULL Option
AbbreviazioniDUG	Id	Univocal identification of record	Long Integer	NOT NULL
	DugStd	Standard DUG	Text(25)	NOT NULL
	DugAbbreviataStd	Standard abbreviation of the DUG	Text(4)	NOT NULL

- DugStd: is the Generic Urban Denomination (DUG) in standard format
- DugAbbreviataStd: shows the standard abbreviation for the DUG. Maximum length is 4 characters.
  - When it is necessary to use an abbreviation of the DUG, only the **standard abbreviation** should be used as an alternative to the standard full denomination.

Standard abbreviations can be used advantageously when recording the street denomination in databanks with small fields.

#### **Examples**

CIRCONVALLAZIONE CIRC

VIALE VLE

VICOLO VCLO

## 1.1.9 Versione

Table	Column Name	Information Content	Type of data	NULL Option
Version	Id	Univocal identification of record	Long Integer	NOT NULL
	VersDataBase	Version of the Databank	Text(6)	NOT NULL
	Tabella	Name of the table	Text(25)	NOT NULL
	NumRecord	Number of lines contained in each table	Long Integer	NOT NULL

- VersDataBase: contains the version of the CAP Cap Sreet File Databank in the year month format (YYYYMM).
- TabellaDataBase: name of the Databank table which the information on the record number and data version refers to.
- NumRecord: number of lines recorded for each table.

## 2 UPDATING THE cap STREET FILE DATABANK

The CAP Street File databank also includes tables providing information on data updates and changes made from the previous version. In the first edition of the databank, these tables are provided with their fields empty.

For each table in the databank, there is a corresponding table showing the changes/variations:

- VariazioniRegione;
- VariazioniProvincia;
- VariazioniComune;
- VariazioniFrazione;
- VariazioniStrada;
- VariazioniArcoStradale;
- VariazioniComuneAlias;
- VariazioniFrazioneAlias;

VariazioniArcoStradale
idArcoStradale oldid oldidStrada oldidSestiere oldParita oldNDal oldEsponenteDal oldNAI oldEsponenteAl oldColore oldCAP TipoVariazione

VariazioniComune
idStrada idSestiere oldid oldidSestiere oldidComune oldDugStd oldDugComplStd oldNomeStd oldQuartiere oldDugApiciStd oldDugComplApiciStd oldNomeApiciStd oldQuartiereApici oldDenomAbbrevStd oldMultiCap oldCAP TipoVariazione

VariazioniFrazione
idFrazioneAlias oldid oldidFrazione oldDenominazione TipoVariazione

VariazioniProvincia
idProvincia oldid oldidRegione oldCodISTAT oldDenominazione oldSigla oldCodISTATCapoluogo TipoVariazione

VariazioniAbbreviazioniDUG

VariazioniAbbreviazioniDUG
idAbbreviazioniDUG oldid oldDugStd oldDugAbbreviataStd TipoVariazione

VariazioniComuneAlias

VariazioniComuneAlias
idComuneAlias oldid oldidComune oldDenominazione TipoVariazione

VariazioniComune

VariazioniComune
idComune oldid oldidProvincia oldDenominazioneStd oldDenominazioneApiciStd oldDenomAbbrevStd oldCodISTAT oldidPrincipale oldMultiCAP oldCAP oldPopolazione oldCodiceBelfiore TipoVariazione

VariazioniRegione

VariazioniRegione
idRegione oldid oldCodISTAT oldDenominazione oldCodISTATCapoluogo oldAreaNielsen TipoVariazione

VariazioniFrazione

VariazioniFrazione
idFrazione oldid oldidComune

VariazioniStradaAlias

VariazioniStradaAlias
idStradaAlias oldid oldidStrada oldidSestiere oldDug oldDugCompl oldDenominazione TipoVariazione

VariazioniArcoStradale

VariazioniArcoStradale
idArcoStradale oldid oldidStrada oldidSestiere oldParita oldNDal oldEsponenteDal oldNAI oldEsponenteAl oldColore oldCAP TipoVariazione

VariazioniStrada

VariazioniStrada
idStrada idSestiere oldid oldidSestiere oldidComune oldDugStd oldDugComplStd oldNomeStd oldQuartiere oldDugApiciStd oldDugComplApiciStd oldNomeApiciStd oldQuartiereApici oldDenomAbbrevStd oldMultiCap oldCAP TipoVariazione

VariazioniFrazioneAlias

VariazioniFrazioneAlias
idFrazioneAlias oldid oldidFrazione oldDenominazione TipoVariazione

VariazioniProvincia

VariazioniProvincia
idProvincia oldid oldidRegione oldCodISTAT oldDenominazione oldSigla oldCodISTATCapoluogo TipoVariazione

VariazioniComune

VariazioniComune
idComune oldid oldidProvincia oldDenominazioneStd oldDenominazioneApiciStd oldDenomAbbrevStd oldCodISTAT oldidPrincipale oldMultiCAP oldCAP oldPopolazione oldCodiceBelfiore TipoVariazione

VariazioniRegione

VariazioniRegione
idRegione oldid oldCodISTAT oldDenominazione oldCodISTATCapoluogo oldAreaNielsen TipoVariazione

VariazioniAbbreviazioniDUG

VariazioniAbbreviazioniDUG
idAbbreviazioniDUG oldid oldDugStd oldDugAbbreviataStd TipoVariazione

VariazioniComuneAlias

VariazioniComuneAlias
idComuneAlias oldid oldidComune oldDenominazione TipoVariazione

VariazioniStradaAlias

VariazioniStradaAlias
idStradaAlias oldid oldidStrada oldidSestiere oldDug oldDugCompl oldDenominazione TipoVariazione

VariazioniFrazione

VariazioniFrazione
idFrazione oldid oldidComune oldDenominazioneStd oldDenominazioneApiciStd oldDenomAbbrevStd oldCodISTAT oldidPrincipale oldCAP TipoVariazione

## 2.2 DESCRIPTION OF VARIAZIONI TABLES

The structure of the tables containing information on updates is similar to that of the main reference tables. More specifically:

- there is an ID number allowing the user to identify records that have been changed in the specific reference table (e.g. for the Comune Table, it is the ID for the Comune);
- all of the columns in the corresponding table are included with the same names preceded by the word “old”;
- finally, there is a column entitled TipoVariazione, which describes the type of change made to each record:
  - addition
  - update
  - removal

In the event that new data are added, the corresponding table only includes the information for the “new” records.

When data are updated, the columns with the prefix “old” contain the information as recorded in the previous version. By comparing these columns to those in the corresponding tables, it is possible to see which record has been updated.

If data are removed, only the fields with the prefix "old" will contain information.

### 2.2.1 VariazioniRegione

Table	Column Name	Information Content	Type of data
VariazioniRegione	idRegione	Refers to the ID for the record in the Region Table that has been changed	Long Integer
	Oldid	ID for the record in the Region Table, as shown in the previous version	Long Integer
	oldCodISTAT	ISTAT code for the region, as recorded in the previous version	Text(3)
	oldDenominazione	Denomination for the Region, as recorded in the previous version	Text(25)
	oldCodISTATCapoluogo	ISTAT code for the main Municipality in the region, as recorded in the previous version	Text(6)
	oldAreaNielsen	Code according to the Nielsen area recorded in the previous version	Byte

Table	Column Name	Information Content	Type of data
	TipoVariazione	Type of change made to the record in the Region Table	Text(13)

## 2.2.2 VariazioniProvincia

Table	Column Name	Information Content	Type of data
VariazioniProvincia	idProvincia	Refers to the ID for the record in the Province Table that has been changed	Long Integer
	Oldid	ID for the record in the Province Table, as shown in the previous version	Long Integer
	oldidRegione	ID of the Region the province is located in, as recorded in the previous version	Long Integer
	oldCodISTAT	ISTAT code for the Province, as recorded in the previous version	Text(3)
	oldDenominazione	Denomination for the Province, as recorded in the previous version	Text(25)
	oldSigla	Abbreviation for the Province, as recorded in the previous version	Text(2)
	oldCodISTATCapoluogo	ISTAT code for the main Municipality in the province, as recorded in the previous version	Text(6)
	TipoVariazione	Type of change made to the record in the Province Table	Text(13)

## 2.2.3 VariazioniComune

Table	Column Name	Information Content	Type of data
VariazioniComune	idComune	Refers to the ID for the record in the Comune Table that has been changed	Long Integer
	Oldid	ID for the record in the ComuneTable, as shown in the previous version	Long Integer
	oldidProvincia	ID for the Province, as recorded in the previous version	Long Integer
	oldDenominazioneStd	Standard denomination for the Municipality, as recorded in the	Text(50)

Table	Column Name	Information Content	Type of data
		previous version	
	oldDenominazioneApiciStd	Standard denomination of the Municipality as recorded in the previous version, including any superscripts, dots and dashes where present	Text(50)
	oldDenomAbbrevStd	Standard abbreviation for the denomination of the Municipality, as recorded in the previous version	Text(25)
	oldCodISTAT	ISTAT code for the Municipality, as recorded in the previous version	Text(6)
	oldidPrincipale	Corresponding ID in Italian for municipalities that have German denominations, as recorded in the previous version	Long Integer
	oldMultiCAP	Flag indicating whether the city is divided into postal zones, as recorded in the previous version	Text(1)
	oldCAP	Zip code, as recorded in the previous version	Text(5)
	oldFlagStradario	Flag indicating whether the street list for the city is present, as recorded in the previous version	Text(1)
	OldCodiceBelfiore	Cadastral code as recorded in the previous version	Text(4)
	oldPopolazione	Population of the municipality according to ISTAT as recorded in the previous version	Long Integer
	TipoVariazione	Type of change made to the record in the Comune Table	Text(13)

### Examples

TABELLA VARIAZIONICOMUNE									
IDComune	oldID	oldIDProvincia	oldDenominazioneSTD	oldDenomAbbrevSTD	oldCodISTAT	oldIDPrincipale	oldMultiCAP	oldCAP	TipoVariazione
3098	3098	22	RONCEGNO	RONCEGNO	022156		N	38050	Aggiornamento
4832	4832	57	BASTIA	BASTIA	054002		N	06083	Aggiornamento

TABELLA COMUNE							
id	idProvincia	DenominazioneStd	DenomAbbrevStd	CodISTAT	idPrincipale	MultiCAP	CAP
3098	22	RONCEGNO TERME	RONCEGNO TERME	022156		N	38050
4832	57	BASTIA UMBRA	BASTIA UMBRA	054002		N	06083

In the second example above, there are two records that have been updated in the Comune Table, by the IDs 3098 and 4832 respectively: RONCEGNO TERME and BASTIA UMBRA

By comparing the columns in the Comune Table to those with the prefix “old” in the VariazioniComune Table, it is possible to identify the data that have been changed. In this case, only the denominazioneSTD column is updated for the two records. In the previous version, the two municipalities were recorded as RONCEGNO and BASTIA respectively.

## 2.2.4 VariazioniFrazione

Table	Column Name	Information Content	Type of data
VariazioniFrazione	idFrazione	Refers to the ID for the record in the Neighbourhood Table that has been changed	Long Integer
	Oldid	ID for the record in the Frazione Table, as shown in the previous version	Long Integer
	oldidComune	ID for the Municipality, as recorded in the previous version	Decimale(18)
	oldDenominazioneStd	Denomination for the Frazione, as recorded in the previous version	Text(50)
	oldDenominazioneApiciStd	Denomination of the Neighbourhood as recorded in the previous version, including any superscripts, dots and dashes where present	Text(50)
	oldDenomAbbrevStd	Standard abbreviation for the denomination of the Neighbourhood, as recorded in the previous version	Text(25)
	oldCodISTAT	ISTAT code for the Neighbourhood, as recorded in the previous version	Text(11)
	oldidPrincipale	<i>Corresponding ID in Italian for neighbourhoods that have German denominations, as recorded in the previous version</i>	Long Integer
	oldCAP	Zip code, as recorded in the previous version	Text(5)
	TipoVariazione	Type of change made to the record in the Frazione Table	Text(13)

## Examples

TABELLA VARIAZIONIFRAZIONE								
IDFrazione	oldID	oldIDComune	oldDenominazioneSTD	oldDenomAbbrevSTD	oldCodISTAT	oldIDPrincipale	oldCAP	TipoVariazione
16181	16181	4450	MADONNA BOSCHI	MADONNA BOSCHI	03800120006		44014	Aggiornamento
21077	21077	3258	SAN ROCCO DI PIEGARA	SAN ROCCO DI PIEGARA			37030	Aggiornamento
22767	22767	4791	PONTE AL BOZZONE	PONTE AL BOZZONE	05203220031		53100	Aggiornamento
26231								Inserimento
26232								Inserimento

TABELLA FRAZIONE						
Id	idComune	DenominazioneStd	DenomAbbrevStd	CodISTAT	idPrincipale	CAP
16181	4467	MADONNA BOSCHI	MADONNA BOSCHI	03800120006		44028
21077	3235	SAN ROCCO DI PIEGARA	SAN ROCCO DI PIEGARA			37028
22767	4791	PIEVE AL BOZZONE	PIEVE AL BOZZONE	05203220031		53100
26231	160	CARNINO	CARNINO	00403120001		12078
26232	160	UPEGA	UPEGA	00403110002		12078

In the example of the Frazione Table, the records that have been updated are identified by the numbers 16181, 21077, and 22681 respectively:

- In the previous version, the neighbourhood MADONNA BOSCHI was recorded as part of the municipality of Argenta (oldidComune 4450), under the zip code 44014, while in the new version, it is included in the municipality of Poggio Renatico (idComune 4467) under the zip code 44028;
- In the previous version, the neighbourhood SAN ROCCO DI PIEGARA was recorded as part of the municipality of Velo Veronese (oldidComune 3258), under the zip code 37030, while in the new version it is included in the municipality of Rovere' Veronese (idComune 3235), under the zip code 37028;
- The standard denomination for the neighbourhood of PIEVE AL BOZZONE has been updated, because in the previous version it was mistakenly recorded as PONTE AL BOZZONE.

Two new neighbourhoods, CARNINO and UPEGA, have also been added. Their records are identified by the numbers 26231 and 26232 in the Frazione Table.

## 2.2.5 VariazioniStrada

Table	Column Name	Information Content	Type of data
VariazioniStrada	idStrada	Refers to the ID for the record in the Strada Table that has been changed	Long integer
	idSestiere	Refers to the idsestiere for the record in the Strada Table that has been changed	Long Integer
	oldid	ID for the record in the Strada Table, as shown in the previous version	Long integer
	oldidSestiere	ID for the district, as recorded in the Strada Table in the previous version, for the record in the Strada Table that has been removed	Long Integer
	oldidComune	ID for the Municipality, as recorded in the previous version	Long integer
	oldDugStd	DUG, as recorded in the previous version	Text(25)
	oldDugComplStd	DUG complements, as recorded in the previous version	Text(25)
	oldNomeStd	Name of the Street, as recorded in the previous version	Text(50)
	oldQuartiere	District in which the Street is located, as recorded in the previous version	Text(50)
	oldDugApiciStd	DUG as recorded in the previous version, including any superscripts, dots and dashes where present	Text(25)
	oldDugComplApiciStd	DUG complements as recorded in the previous version, including any superscripts, dots and dashes where present	Text(25)
	oldNomeApiciStd	Name of the street as recorded in the previous version, including any superscripts, dots and dashes where present	Text(50)
	oldQuartiereApici	<i>District in which the Street is located</i> as recorded in the previous version, including any superscripts, dots and dashes where present	Text(50)
	oldDenomAbbrevStd	Standard abbreviated denomination: divided into DUG, with DUG complements and street names, as recorded in the previous version	Text(30)
	oldMultiCAP	Flag indicating that the street has more than one zip code, as recorded in the previous version	Text(1)
oldCAP	Zip code, as recorded in the previous version	Text(5)	
TipoVariazione	Type of change made to the record in the Street Table	Text(13)	

## Examples

TABELLA VARIAZIONISTRADA												
IDStrada	IDSestiere	oldID	oldIDComune	oldIDSestiere	oldDugSTD	oldDugComplSTD	oldNomeSTD	oldQuartiere	oldDenomAbbrevSTD	oldMultiCAP	oldCAP	TipoVariazione
34889	0	34889	7412	0	PIAZZA		CARLO GIACHERY		PIAZZA CARLO GIACHERY	N	90142	Aggiornamento
10046212	0	10046212	5392	0	VIA		FEDERICO SEISMIT ODA		VIA FEDERICO SEISMIT ODA	N	00143	Aggiornamento
6261	0	6261	7924	0	VICO		DUOMO		VICO DUOMO	N	09123	Aggiornamento
1061950												Inserimento
		10081540	6495	0	FRAZIONE		RUFOLI		FRAZIONE RUFOLI	N	84133	Cancellazione

TABELLA STRADA									
Id	IDSestiere	idComune	DugStd	DugComplStd	NomeStd	Quartiere	DenomAbbrevStd	MultiCap	CAP
34889	0	7412	PIAZZA		ANTONINO CAPONNETTO		PIAZZA ANTONINO CAPONNETTO	N	90142
10046212	0	5392	VIA		FEDERICO SEISMIT DODA		VIA FEDERICO SEISMIT DODA	N	00143
6261	0	7924	VICO		DUOMO		VICO DUOMO	N	09124
1061950	0	5392	VIA		MONTEPAGANO		VIA MONTEPAGANO	N	00132

### These examples illustrate different situations:

- The street with ID number 34889, **PIAZZA ANTONINO CAPONNETTO** in **PALERMO** (idcomune 7412), was renamed by the municipality. The old name of the street, **PIAZZA CARLO GIACHERY**, is recorded in the columns oldDugSTD and oldNomeSTD, and in the AliasStrada Table;

- 
- The street with ID number 10046212, VIA FEDERICO SEISMIT DODA in ROMA (idComune 5392), has been updated because the standard denomination was mistakenly recorded as VIA FEDERICO SEISMIT ODA in the previous version. One can locate this change by looking at the oldDugSTD and oldNomeSTD fields in the VariazioniStrada Table; VIA FEDERICO SEISMIT ODA
  - The street with ID number 6261, VICO DUOMO in CAGLIARI (idComune 7924), has had its zip code changed;
  - In the third case, there is a street that has been recently added: VIA MONTEPAGANO in ROMA (idcomune 5392): the street was inserted under ID 1061950. This ID is indicated also in the table VariazioniStrada in the column IdStrada
  - In the last case there has been a removal: the record for the neighbourhood of RUFOLI, ID 10081540, located in SALERNO, is no longer included in the Strada Table. The columns with the prefix “old” show the data for this neighbourhood, as recorded in the previous version.

## 2.2.6 VariazioniArcoStradale

Table	Column Name	Information Content	Type of data
VariazioniArcoStradale	idArcoStradale	Refers to the ID for the record in the ArcoStradale Table that has been changed	Long Integer
	Oldid	ID for the record in the ArcoStradale Table, as shown in the previous version	Long Integer
	oldidStrada	ID for the Street, as recorded in the previous version	Long Integer
	oldidSestiere	ID for the District, as recorded in the previous version	Long Integer
	oldParita	Classification of street- number range, as recorded in the previous version	Text(1)
	oldNDal	Low end of the range, as recorded in the previous version	Long Integer
	oldEsponenteDal	Additional information for numbers at the low end of the range, as recorded in the previous version	Text(15)
	oldNAI	High end of the range, as recorded in the previous version	Long Integer
	oldEsponenteAI	Additional information for numbers at the high end of the range, as recorded in the previous version	Text(15)
	oldColore	Colour of the street-number range, as recorded in the previous version	Text(1)
	oldCAP	Zip code, as recorded in the previous version	Text(5)
	TipoVariazione	Type of change made to the record in the ArcoStradale Table	Text(13)

The VariazioniArcoStradale Table provides updated information on the street-number ranges for streets with multiple zip codes (“multiCAP”).

To make updates as clear as possible, even when a change has been made to just one of the street-number ranges (e.g. change in the street number on the cusp of the next range), the table still includes information for all of the street-number ranges for that street. For addresses that have not been affected, the word “Nessuna” appears in the column “TipoVariazione.”



TABELLA VARIAZIONIARCOSTRADALE											
IDArcoStradale	oldID	oldIDStrada	oldIDSestiere	oldParita	oldNDAL	oldEsponenteDAL	oldNAL	oldEsponenteAL	oldColore	oldCAP	TipoVariazione
24662	24662	4286	0	D	1	2	9	F		40125	Aggiornamento
24663	24663	4286	0	P	2		42	B		40125	Nessuna

In the first example of VIA ANTONIO GRAMSCI, the street numbers 49, 51, and 53 have been included under zip code 25121. The upper range of street numbers (ID 24528) has been updated, changing from 47 to 53. The remaining street-number ranges have not been affected.

The case of VIA FRANCESCO RIZZOLI is slightly different, in that the street-number ranges have been reorganised:

#### *Now*

Odd numbers from 1 to 1 zip code 40124 (Upper range changed)

Odd numbers from 1/2 to 1/2E zip code 40125 (New range)

Odd numbers from 1/A to 1/F zip code 40124 (New range)

Odd numbers from 3 to 9/F zip code 40125 (Lower range changed)

Even numbers from 2 to 42 zip code 40125 (No change)

#### *Before*

Odd numbers from 1 to 1/F zip code 40124

Odd numbers from 1/2 to 9/F zip code 40125

Even numbers from 2 to 42 zip code 40125

## 2.2.7 VariazioniComuneAlias

Table	Column Name	Information Content	Type of data
ComuneAlias	IdComuneAlias	Refers to the ID for the record in the ComuneAliasTable that has been changed	Long integer
	oldid	ID for the record in the ComuneAlias Table, as shown in the previous version	Long integer
	oldidComune	ID for the Municipality, as recorded in the previous version	Long integer
	oldDenominazione	ID for the alternative name of the municipality, as recorded in the previous version	Text(50)
	TipoVariazione	Type of change made to the record in the ComuneAlias Table	Text(13)

## 2.2.8 VariazioniFrazioneAlias

Table	Column Name	Information Content	Type of data
FrazioneAlias	IdFrazioneAlias	Refers to the ID for the record in the FrazioneAlias Table that has been changed	Long Integer
	Oldid	ID for the record in the FrazioneAlias Table, as shown in the previous version	Long Integer
	oldidFrazione	ID for the Neighbourhood, as recorded in the previous version	Long Integer
	oldDenominazione	Describes the alternative name of the Neighbourhood, as recorded in the previous version	Text(50)
	TipoVariazione	Type of change made to the record in the FrazioneAlias Table	Text(13)

## 2.2.9 VariazioniStradaAlias

Table	Column Name	Information Content	Type of data
StradaAlias	IdStradaAlias	Refers to the ID for the record in the StradaAlias Table that has been changed	Long integer
	oldid	ID for the record in the StradaAlias Table, as shown in the previous version	Long integer
	oldIdStrada	ID for the Street, as recorded in the previous version	Long Integer
	oldidSestiere	Refers to the ID for the District, as recorded in the previous version	Long Integer
	oldDug	DUG, as recorded in the previous version	Text(25)
	oldDugCompl	DUG complements, as recorded in the previous version	Text(25)
	oldDenominazione	Describes the alternative Street name, as recorded in the previous version	Text(103)
	TipoVariazione	Type of change made to the record in the StradaAlias Table	Text(13)

## 2.2.10 VariazioniAbbreviazioniDUG

Table	Column Name	Information Content	Type of data
VariazioniAbbreviazioniDUG	IdAbbreviazioniDUG	Refers to the ID for the record in the AbbreviazioniDUG Table that has been changed	Long Integer
	Oldid	ID for the record in the AbbreviazioniDUG Table, as shown in the previous version	Long Integer
	oldDugStd	DUG, as recorded in the previous version	Text(25)
	oldDugAbbreviataStd	Standard abbreviation of the DUG, as recorded in the previous version	Text(4)
	TipoVariazione	Type of change made to the record in the AbbreviazioniDUG Table	Text(13)

In the ComuneAlias, FrazioneAlias, StradaAlias and AbbreviazioniDUG Tables, only the changes due to adding or removing records are shown; there are no other types of updates.

Therefore, in the corresponding tables (VariazioniComuneAlias, VariazioniFrazioneAlias, VariazioniStradaAlias, and VariazioniAbbreviazioniDUG), only the above cases are recorded.

### Examples

TABELLA VARIAZIONICOMUNEALIAS				
IDComuneAlias	oldID	oldIDComune	oldDenominazione	TipoVariazione
70727				Inserimento
70728				Inserimento

TABELLA COMUNEALIAS		
Id	idComune	Denominazione
70727	3098	RONCEGNO
70728	3098	RONCEGNO TME

In these examples, the “alternative names” of RONCEGNO and RONCEGNO TME (ID numbers 70727 and 70728) have been added for the municipality of RONCEGNO TERME (Municipality ID 3098).

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TABELLA VARIAZIONIFRAZIONEALIAS				
IDFrazioneAlias	oldID	oldIDFrazione	oldDenominazione	TipoVariazione
	79203	22767	PONTE BOZZONE	Cancellazione
83090				Inserimento

TABELLA FRAZIONEALIAS		
id	idFrazione	Denominazione
83090	22767	PIEVE BOZZONE

In this case, the neighbourhood of PIEVE AL BOZZONE (idFrazione 22767) (which was mistakenly recorded as PONTE AL BOZZONE in the previous version) shows the removal of the incorrect alternative name PONTE BOZZONE (oldid 79203) and the addition of the new alternative name, PIEVE BOZZONE (ID 83090).

TABELLA VARIAZIONISTRADAALIAS							
IDStradaAlias	oldID	oldIDStrada	oldIDSestiere	oldDug	oldDugCompl	oldDenominazione	TipoVariazione
	116789	10046212	0	VIA		SEISMIT ODA FEDERICO	Cancellazione
	116790	10046212	0	VIA		F SEISMIT ODA	Cancellazione
	116792	10046212	0	VIA		SEISMIT ODA	Cancellazione
	116793	10046212	0	VIA		SEISMIT ODA F	Cancellazione
134699							Inserimento
132930							Inserimento
133208							Inserimento
133211							Inserimento
133291							Inserimento
133292							Inserimento

TABELLA STRADA					
Id	idStrada	idSestiere	Dug	DugCompl	Denominazione
134699	10046212	0	VIA		FEDERICO DODA SEISMIT
132930	10046212	0	VIA		F SEISMIT DODA
133208	10046212	0	VIA		DODA SEISMIT
133211	10046212	0	VIA		SEISMIT DODA
133291	10046212	0	VIA		F DODA SEISMIT
133292	10046212	0	VIA		SEISMIT DODA FEDERICO

The street VIA FEDERICO SEISMIT DODA (idStrada 10046212), which was mistakenly recorded as VIA FEDERICO SEISMIT ODA in the previous version, shows the removal of the alternative names VIA SEISMIT ODA FEDERICO, VIA F SEISMIT

ODA, and VIA SEISMIT ODA F. The new alternative names VIA FEDERICO DODA SEISMIT, VIA F SEISMIT DODA, VIA DODA SEISMIT, VIA SEISMIT DODA, VIA F DODA SEISMIT, and VIA SEISMIT DODA FEDERICO have all been added.

TABELLA VARIAZIONIABBREVIAZIONIDUG				
IDAbbreviazioniDUG	oldID	oldDugSTD	oldDugAbbreviataSTD	TipoVariazione
1144				Inserimento

TABELLA ABBREVIAZIONIDUG		
Id	DugStd	DugAbbreviataStd
1144	BORGOLOCO	BGLC

This example shows the DUG abbreviation added for the new DUG “BORGOLOCO.”

### 3 HOW TO UPDATE CAP street file

The updates to CAP Street File will be available from the “download” section of the Poste Italiane website [www.poste.it](http://www.poste.it) (go to Postal products → Other mail services → Databanks).

In order to use this service, you must be registered on the Poste website and identify yourself with the username and password assigned at the time of registration.

The system will ask you to provide the PIN number that was emailed to you when you ordered the purchase of the databank. As a further security measure, you will be asked to key in the VAT number (or Tax Identification Number) you indicated on the purchase contract.

After the system has checked and approved your data, it will allow you to download the databank in zip-file format.

When the download has been successfully completed, you will have to request a password; once this has been sent to you, you will be able to access the databank you have downloaded. The message containing the password will be sent to the email address you indicated on the application form.

All you need to do now is unzip the file and enter your password in order to access all the information in the databank.

Each updated version may be downloaded once only.

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For further information, write to:  
[dataservices@posteitaliane.it](mailto:dataservices@posteitaliane.it)