

“CAP PROFESSIONAL” DATABANK
THE DATABANK OF ZIP CODES

TECHNICAL SPECIFICATIONS

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1 "CAP PROFESSIONAL" DATABANK

CAP Professional is a databank of zip codes that offers all the advantages of the postal network structure, as well as full compatibility with the most common databanks. It is supplied in Access 2000 format and is compatible with all Microsoft Office applications used in Windows.

The CAP Professional databank is composed of the following tables:

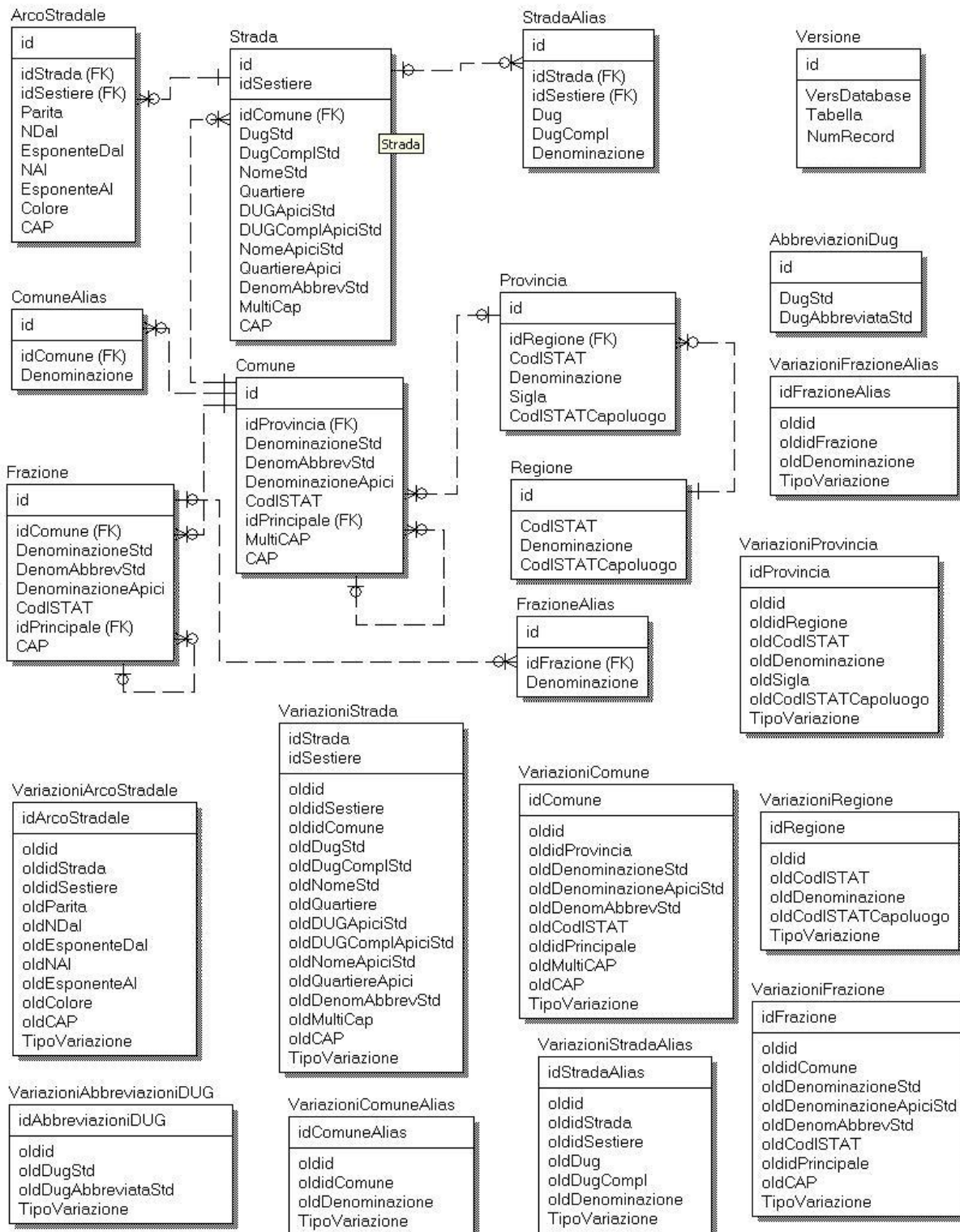
- Regione: covering the 20 regions in Italy;
- Provincia: covering **the 110 provinces in Italy**;
- Comune: covering the 8094 municipalities in Italy complete with relative zip codes, as well as the localities in the independent States located within Italian borders (Republic of San Marino and Vatican City);
- Frazione: listing the most significant villages from the point of view of postal services, complete with **zip codes**;
- Strada: listing streets in the 41 following cities which are divided into postal zones:

| | | | | | | |
|-------------|----------------|-----------|---------|----------|----------|----------|
| Alessandria | Ancona | Bari | Bergamo | Bologna | Brescia | Cagliari |
| Catania | Cesena | Ferrara | Firenze | Foggia | Forlì | Genova |
| La Spezia | Livorno | Messina | Milano | Modena | Napoli | Padova |
| Palermo | Parma | Perugia | Pesaro | Pescara | Piacenza | Pisa |
| Ravenna | R. Calabria | R. Emilia | Rimini | Roma | Salerno | Taranto |
| Torino | Trento | Trieste | Venezia | Verbania | Verona | |

- 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: providing the standard abbreviations for the DUG (General Urban Denomination), i.e. type of street (Via, Piazza, etc.) in the 41 cities that are divided into postal zones.

In addition, the databank presents a service table (Versione Table), which contains information on the version of the database and the number of records for each table.

1.1 DATA CHART



1.2 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.

1.2.1 Regione

| Table | Column Name | Information 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 of the Region | Text(6) | | | 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 Comune Table.

Provincia

| Table | Column Name | Information 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 ComuneTable.

1.2.2 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 |
| | DenominazioneApici Std | Standard denomination of the Municipality, 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 | <i>Corresponding ID in Italian for municipalities that have German denominations</i> | Long Integer | | Yes Comune | NULL |
| | MultiCAP | Indicates whether or not the city is divided into postal zones | Text(1) | | | NOT NULL |
| | CAP | Zip code | Text(5) | | | 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 |
| | DenominazioneApiciStd | 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 FrazioneTable and the ComuneTable 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 (ComuneTable) 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.*

- **Multiple zip code:** listed only in the Comune Table, this indicates “Yes” for the 41 cities divided into postal zones and “No” for all other municipalities.
- **Zip code:** 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 |

1.2.3 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 | Text(50) | | | NULL | |

| | | | | | | |
|--|----------|--|---------|--|--|----------|
| | | superscripts, dots and dashes where present. | | | | |
| | 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” on page 13.
- **idComune:** provides a link to the ComuneTable 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” on **page 13**.

Examples:

| TABELLA STRADA | | |
|----------------|-------------------|---------------|
| DugStd | NomeStd | Quartiere |
| PIAZZA | GIOVANNI XXIII | SECONDIGLIANO |
| PIAZZA | GIOVANNI XXIII | SOCCA VO |

➔ 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 SOCCA VO 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 | DugComplStd | 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.

- **Zip code:** 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 |
| 13492 | 4128 | PIAZZA | DELLE | ERBE | 16123 | This is a single-zip code street in Genova. |
| 47043 | 7224 | VIA | | APOLLO | | This is a multiple-zip code street in Reggio Calabria: the information in the ArcoStradale Table must be checked |

1.2.4 La Toponomastica di 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 the area in the lagoon

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 | |

1.2.5 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 | Long Integer | | | NOT |

| | | | | | |
|-------------|---|----------|--|--|----------|
| | range | | | | 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 StradaTable 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.

- **EsponenteAI:** 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 |
| 1264050 | 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 | NDal | NAI | EsponenteAI | Colore | CAP | Notes |
| 23638 | 12380 | D | 1 | 95 | | | 16147 | Number ranges for Via Argine Polcevera |
| 23639 | 12380 | D | 3 | 69 | | R | 16147 | Number ranges for Via Argine Polcevera |
| 23637 | 12380 | P | 2 | 24 | B | | 16147 | Number ranges for Via Argine Polcevera |
| 23642 | 12380 | P | 2 | 38 | A | R | 16148 | Number ranges for Via Argine Polcevera |
| 26179 | 1264050 | K | 0 | 6999 | | | 98152 | Number ranges for Strada Statale 113 |
| 26195 | 1264050 | K | 7200 | 8500 | | | 98124 | 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 alphanumerical 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

1.2.6 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 | YES | | 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 |
|--------------|---------------|---|--------------|-----|--------------------------|-------------|
| Strada Alias | id | Univocal identification of record | Long Integer | YES | | 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(50) | | | 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 | Denomination |
| 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 CANTU | DI "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.

1.2.7 AbbreviazioniDUG

| Table | Column Name | Information Content | Type of data | PK | FK and table referred to | NULL Option |
|------------------|-------------|-----------------------------------|--------------|-----|--------------------------|-------------|
| AbbreviazioniDUG | Id | Univocal identification of record | Long Integer | YES | | 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

1.2.8 Version

| Table | Column Name | Information Content | Type of data | PK | FK and table referred to | NULL Option |
|----------|-----------------|---|--------------|-----|--------------------------|-------------|
| Versione | Id | Univocal identification of record | Long Integer | YES | | NOT NULL |
| | VersDataBase | Version of the Databank | Text(6) | | | NOT NULL |
| | TabellaDataBase | 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 Professional 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.

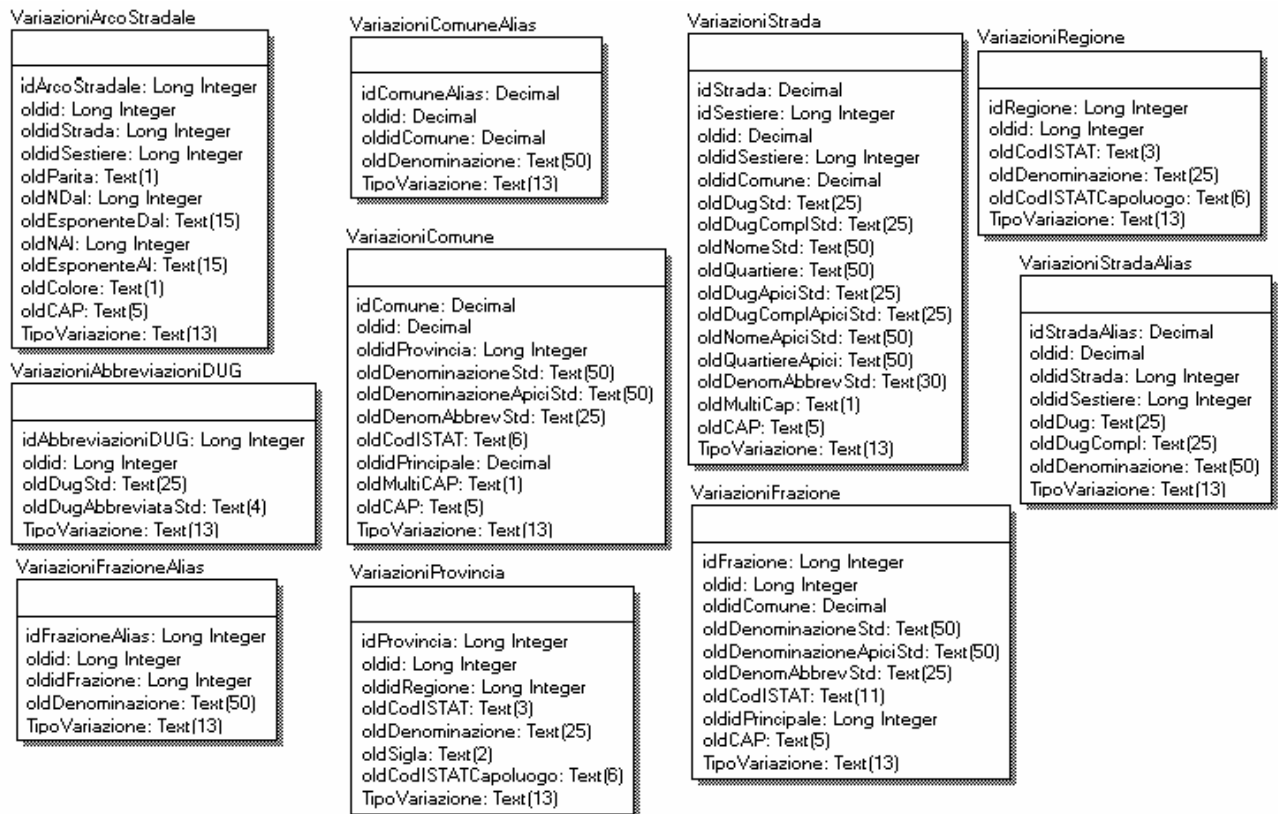
2 UPDATING THE cap professional DATABANK

Starting with version 2006.1, the CAP Professional databank also includes tables providing information on data updates and changes made from the previous version.

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

- VariazioniRegione;
- VariazioniProvincia;
- VariazioniComune;
- VariazioniFrazione;
- VariazioniStrada;
- VariazioniArcoStradale;
- VariazioniComuneAlias;
- VariazioniFrazioneAlias;
- VariazioniStradaAlias;
- VariazioniAbbreviazioniDUG.

2.1 DATA CHART OF VARIAZIONI



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 Municipality);
- 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 Regione Table that has been changed | Long Integer |
| | Oldid | ID for the record in the Regione 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) |
| | TipoVariazione | Type of change made to the record in the Regione Table | Text(13) |

2.2.2 VariazioniProvincia

| Table | Column Name | Information Content | Type of data |
|---------------------|----------------------|---|--------------|
| VaraizioniProvincia | idProvincia | Refers to the ID for the record in the Provincia Table that has been changed | Long Integer |
| | Oldid | ID for the record in the ProvinciaTable, 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 Provincia 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 Comune Table, 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 previous version | Text(50) |
| | oldDenominazioneApiciStd | <i>Standard denomination of the Municipality as recorded in the previous version, including any superscripts, dots and dashes where present</i> | 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 | <i>Corresponding ID in Italian for municipalities that have German denominations, as recorded in the previous version</i> | 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) |
| | 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 | | NO. | 38050 | Aggiornamento |
| 4832 | 4832 | 57 | BASTIA | BASTIA | 054002 | | NO. | 06083 | Aggiornamento |

| TABELLA COMUNE | | | | | | | |
|----------------|-------------|------------------|----------------|----------|--------------|----------|-------|
| id | idProvincia | DenominazioneStd | DenomAbbrevStd | CodISTAT | idPrincipale | MultiCAP | CAP |
| 3098 | 22 | RONCEGNO TERME | RONCEGNO TERME | 022156 | | NO. | 38050 |
| 4832 | 57 | BASTIA UMBRA | BASTIA UMBRA | 054002 | | NO. | 06083 |

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

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 Frazione 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 Neighbourhood, as recorded in the previous version | Text(50) |
| | oldDenominazioneApiciStd | <i>Denomination of the Neighbourhood as recorded in the previous version, including any superscripts, dots and dashes where present</i> | 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 of 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 of 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 District ID 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 Street 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 abbreviation for the 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 Strada 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 | NO. | 90142 | Aggiornamento |
| 10046212 | 0 | 10046212 | 5392 | 0 | VIA | | FEDERICO SEISMIT ODA | | VIA FEDERICO SEISMIT ODA | NO. | 00143 | Aggiornamento |
| 6261 | 0 | 6261 | 7924 | 0 | VICO | | DUOMO | | VICO DUOMO | NO. | 09123 | Aggiornamento |
| 1061950 | | | | | | | | | | | | Inserimento |
| | | 10081540 | 6495 | 0 | FRAZIONE | | RUFOLI | | FRAZIONE RUFOLI | NO. | 84133 | Cancellazione |

| TABELLA STRADA | | | | | | | | | | |
|----------------|------------|----------|--------|-------------|-----------------------|-----------|----------------------------|----------|-------|--|
| Id | IDSestiere | idComune | DugStd | DugComplStd | NomeStd | Quartiere | DenomAbbrevStd | MultiCap | CAP | |
| 34889 | 0 | 7412 | PIAZZA | | ANTONINO CAPONNETTO | | PIAZZA ANTONINO CAPONNETTO | NO. | 90142 | |
| 10046212 | 0 | 5392 | VIA | | FEDERICO SEISMIT DODA | | VIA FEDERICO SEISMIT DODA | NO. | 00143 | |
| 6261 | 0 | 7924 | VICO | | DUOMO | | VICO DUOMO | NO. | 09124 | |
| 1061950 | 0 | 5392 | VIA | | MONTEPAGANO | | VIA MONTEPAGANO | NO. | 00132 | |

These examples illustrate different situations:

- The street with ID number 34889, **PIAZZA ANTONINO CAPONNETTO** in **PALERMO** (idcomune 7412), was renamed by the municipal council. 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. This change can be located 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.”

Examples

| TABELLA STRADA | | | | | | TABELLA ARCOSTRADALE | | | | | | |
|----------------|----------------|-------------------|-------|----------|----------------|----------------------|------|-----------------------|-----|-----------------|------------|-------|
| DugStd | DugC mplStd | NomeStd | id | idStrada | idSes tiere | Parita | NDal | Espon nente Dal | NAI | Esponente Al | Color e | CAP |
| VIA | | ANTONIO GRAMSCI | 24527 | 5167 | 0 | D | 1 | | 25 | | | 25122 |
| VIA | | ANTONIO GRAMSCI | 24528 | 5167 | 0 | D | 31 | | 53 | | | 25121 |
| VIA | | ANTONIO GRAMSCI | 24526 | 5167 | 0 | P | 2 | | 16 | B | | 25122 |
| VIA | | ANTONIO GRAMSCI | 24531 | 5167 | 0 | P | 18 | | 30 | | | 25121 |
| VIA | | FRANCESCO RIZZOLI | 24661 | 4286 | 0 | D | 1 | | 1 | | | 40124 |
| VIA | | FRANCESCO RIZZOLI | 27831 | 4286 | 0 | D | 1 | 2 | 1 | 2E | | 40125 |
| VIA | | FRANCESCO RIZZOLI | 27832 | 4286 | 0 | D | 1 | A | 1 | F | | 40124 |
| VIA | | FRANCESCO RIZZOLI | 24662 | 4286 | 0 | D | 3 | | 9 | F | | 40125 |
| VIA | | FRANCESCO RIZZOLI | 24663 | 4286 | 0 | P | 2 | | 42 | B | | 40125 |

| TABELLA VARIAZIONIARCOSTRADALE | | | | | | | | | | | |
|--------------------------------|-------|-----------------|-------------------|---------------|---------|---------------------|--------|--------------------|---------------|--------|--------------------|
| IDArcoStra dale | oldID | oldIDStr ada | oldIDSe stiere | oldParit a | oldNDAL | oldEspone nteDAL | oldNAL | oldEspone nteAL | oldColor e | oldCAP | TipoVariazio ne |
| 24527 | 24527 | 5167 | 0 | D | 1 | | 25 | | | 25122 | Nessuna |
| 24528 | 24528 | 5167 | 0 | D | 31 | | 47 | A | | 25121 | Aggiornament o |
| 24526 | 24526 | 5167 | 0 | P | 2 | | 16 | B | | 25122 | Nessuna |
| 24531 | 24531 | 5167 | 0 | P | 18 | | 30 | | | 25121 | Nessuna |
| 24661 | 24661 | 4286 | 0 | D | 1 | | 1 | F | | 40124 | Aggiornament o |
| 27831 | | | | | | | | | | | Inserimento |
| 27832 | | | | | | | | | | | Inserimento |
| 24662 | 24662 | 4286 | 0 | D | 1 | 2 | 9 | F | | 40125 | Aggiornament o |
| 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:

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| Now | Before |
|--|--|
| Odd numbers from 1 to 1 zip code 40124 (Upper range changed) | Odd numbers from 1 to 1/F zip code 40124 |
| 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) | Odd numbers from 1/2 to 9/F zip code 40125 |
| Even numbers from 2 to 42 zip code 40125 (No change) | 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 | Text(50) |

| | | | |
|--|----------------|--|----------|
| | | version | |
| | 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 |
|--------------|------------------|--|--------------|
| Strada Alias | 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(50) |
| | 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 (Comune ID 3098).

| 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 |

| 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 PROFESSIONAL

The updates to CAP Professional will be available from the “download” section of the Poste Italiane website 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.

For further information, write to:
dataservices@posteitaliane.it