

“CAP ZONE” DATABANK

CAP POLYGONS OF ITALY
(POSTAL BOUNDARIES)

Technical Specifications

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1. “CAP ZONE” DATABANK

CAP Zone by Poste Italiane is the geographical databank of the “territorial polygons” that correspond to the boundaries of the zip code areas for the entire national territory.

A “territorial polygon” is a geometry in vector format that can be used in Geographical Information Systems (GIS).

The CAP Zone is provided in “ESRI shapefile” standard format, and can therefore be used directly on all of the most common GIS platforms.

It can easily be converted to other formats using conversion tools that are available free (such as for example AutoCAD, QGIS, GRASS, OziExplorer, etc.).

In addition to the geographical data, the Product contains, for each zip code in the cities divided up into postal zones, the classification of the “active mail boxes” identified periodically. The total number of street numbers is provided, together with the number of letter boxes identified as active from the point of view of postal services, in particular the number of Houses, Shops and Offices.

CONTENT DESCRIPTION

The CAP Zone is composed of the following files:

FILE	DESCRIPTION
CAPZone.shp	File containing the geometries
CAPZone.dbf	Table containing the attributes
CAPZone.sbx	File containing the spatial indexes
CAPZone.sbn	File containing the secondary spatial indexes
CAPZone.shx	File containing the index of the geometries
CAPZone.prj	File containing information on the coordinates system

The files indicated above are necessary to use the product.

TECHNICAL DATA	
“CAP Zone” Databank	Poste Italiane CAP Polygons
Coordinates System	Geographical coordinates (lat, long)
DATUM	WGS84
Coverage	Entire Italian Territory
Data format	Shapefile

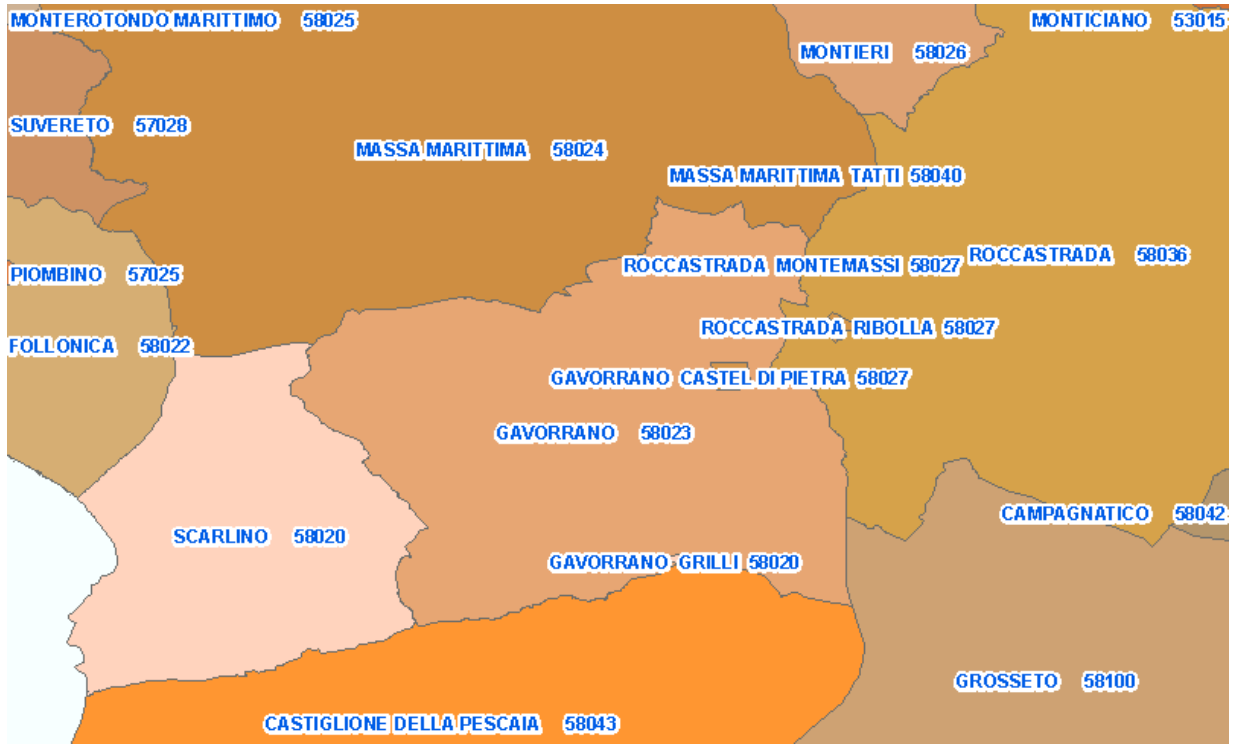
Below is a description of the tables of the attributes of the CAPZone.dbf shapefile, which contains the attributes available for each CAP Polygon. The table includes the name of each field, a description of the content, the data format, and information on the required fields, in addition to the name of the table and the information provided in the column.

CAPZone.dbf

Table	Column Name	Information Content	Type of data	PK	NULL Option
CAPZone.dbf	FID	Univocal identification of record	Numeric	YES	NOT NULL
	Shape	Type of geometry	Text		NOT NULL
	CodISTAT	ISTAT code for the municipality. Not set for the Vatican City and the Republic of San Marino (Foreign States)	Text(10)		
	IDComune	Univocal key to identify the municipality, which enables connection to the other Poste Italiane databanks (e.g. CAP Professional)	Numeric		NOT NULL
	Comune	Denomination for the municipality	Text(50)		NOT NULL
	Frazione	Denomination for the Neighbourhood. Only the Neighbourhoods with a different zip code to the Municipality they belong to are recorded.	Text(50)		
	CAP	Zip code	Text(5)		NOT NULL
	Civici	Total number of street numbers present within the CAP Polygon (only for the towns divided up into postal zones).	Numeric		
	Abitazioni	Total number of houses present within the CAP Polygon (only for the towns divided up into postal zones).	Numeric		
	Negozi	Total number of shops present within the CAP Polygon (only for the towns divided up into postal zones).	Numeric		
	Uffici	Total number of offices present within the CAP Polygon (only for the towns divided up into postal zones).	Numeric		
	Versione	Version of the product in the year and month format (AAAAMM). Enables the management of the data updates.	Text(6)		NOT NULL

EXAMPLE

Municipality of Gavorrano



Available attributes

FID	Shape *	CODISTAT	IDCOMUNE	COMUNE	FRAZIONE	CAP	CIVICI	ABITAZIONI	NEGOZI	UFFICI	VERSIONE
3066	Polygon	09053010	4805	GAVORRANO	GRILLI	58020	0	0	0	0	2009
9143	Polygon	09053010	4805	GAVORRANO	CASTEL DI PIETRA	58027	0	0	0	0	2009
6023	Polygon	03020024	2632	GAZZOLA DEGLI IPPOLITI		46040	0	0	0	0	2009
3845	Polygon	03012073	1356	GAZZADA SCHIANNO		21045	0	0	0	0	2009
5751	Polygon	03016111	1961	GAZZANIGA		24025	0	0	0	0	2009
6075	Polygon	05028041	3633	GAZZO		35010	0	0	0	0	2009
6241	Polygon	05023037	3205	GAZZO VERONESE		37060	0	0	0	0	2009
6777	Polygon	08033022	4224	GAZZOLA		29010	0	0	0	0	2009
5684	Polygon	03020025	2633	GAZZUOLO		46010	0	0	0	0	2009
632	Polygon	19085007	7599	GELA		93012	0	0	0	0	2009
8870	Polygon	08099004	4527	GEMMANO		47855	0	0	0	0	2009
7508	Polygon	06030043	3791	GEMONA DEL FRIULI		33013	0	0	0	0	2009
5119	Polygon	03012074	1357	GEMONIO		21036	0	0	0	0	2009
8425	Polygon	12058042	5343	GENAZZANO		00030	0	0	0	0	2009
8283	Polygon	11042020	5009	GENGA		60040	0	0	0	0	2009
5952	Polygon	03019047	2540	GENIVOLTA		26020	0	0	0	0	2009
3401	Polygon	01004096	225	GENOLA		12040	0	0	0	0	2009
221	Polygon	20095081	7843	GENONI		08030	0	0	0	0	2009
4887	Polygon	07010025	4128	GENOVA		16121	2039	2316	1416	3941	2009
4888	Polygon	07010025	4128	GENOVA		16124	2016	4548	807	831	2009
4889	Polygon	07010025	4128	GENOVA		16125	742	3823	178	92	2009
4890	Polygon	07010025	4128	GENOVA		16127	1138	7123	203	21	2009
4891	Polygon	07010025	4128	GENOVA		16128	1563	5775	446	699	2009
4892	Polygon	07010025	4128	GENOVA		16129	2173	8241	1264	1343	2009
4893	Polygon	07010025	4128	GENOVA		16132	2000	10558	600	179	2009
4894	Polygon	07010025	4128	GENOVA		16133	3096	6281	216	30	2009
4895	Polygon	07010025	4128	GENOVA		16134	1082	8649	222	27	2009
4896	Polygon	07010025	4128	GENOVA		16137	1976	9021	758	58	2009
4897	Polygon	07010025	4128	GENOVA		16139	963	7157	546	89	2009
4898	Polygon	07010025	4128	GENOVA		16142	1417	9281	702	207	2009

2. HOW TO UPDATE CAP ZONE

The updates to CAP Zone will be available from the “download” section of the Poste Italiane website www.poste.it (go to Business → Professionisti pmi → Servizi e prodotti → Ulteriori servizi → Banche dati territoriali → Area download).

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.

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

Each updated version may be downloaded once only.

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