

IRAN POST CODE

SYSTEM

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Preface

The Post administrations of many countries in the world, replace abbreviate symbols for information, geographical specifications and addresses in order to facility, quickness, exactness and also use of mechanized equipment, which is known, publicly through the world, as «Post Code ».

In Iran, presentation of address has run into many problems because of passages homonyms in cities, homonyms of cities and rustics and also lack of buildings number. In these cases, sometimes, writing more than 15 words or drawing map of locality will be dissolving.

According to studies, to remove these problems, the postal coding scheme has presented which is sanctioned and executed as national scheme during performance of first, second and third plan of social and economical development.

The study for creating post code system in Iran began since 1961 / 1345 by foreign experts. They did some actions in this field until representing the use method of post code system. But those efforts were merely based on international information of experts, and since scheme performance must be conformed to actual geographical situations, cities and rustic developments, country divisions, communicating systems and potential ability of post of Iran, this scheme did not execute before glorious victory of Islamic Republic.

After glorious victory of Islamic revolution , executive equipment were studied by internal experts and was set and performed the program of accumulating information and propagate this culture through society since 1981 / 1360 . The announcement of five digits post code of all localities including urban rural points (delivery points) was finished at the end of first five years plan of social and economical development (1993 / 1372) after editing of this system .

Executive operations of determining ten digits post code in all urban and rural points of the country were performed during second plan of social and economical development.

Brief Introduction Of Project

Producing , compiling and performing of this scheme in Iran , has divided into two parts : first phase includes producing , communicating and performing 5 digits post code during first plan of social and economical development , to determine address in the boundary of delivery zone .

In this phase the surface of country was divided into 8565 delivery zones, and to each of them was allocated a 5 digits post code.

In the next phase, 10 digits post code scheme was performed with making list of localities in order to universalize and Public – state usage of Post code.

Ten digits Post code of a locality indicates an exact address in the Post code data base.

This code is consisting of three main parts:

- 1 – Destination code (Forwarding code)
- 2 – Delivery code (delivery zone)
- 3 – Cognitive code (of locality in delivery zone)

1 – Destination code: indicates a point of the country to which postal items must hand over for delivering.

2 – Delivery code: in which locates a geographical boundary or a delivery zone, in each point of country.

3 – Cognitive code of locality: indicates standard address of a locality in the delivery zone file of post code data base.

Ten digits post code scheme was performed in order to determine and announcing all post code of residential and business localities through the country and dividing country map into 8565 delivery zone inside of 2801 pieces of forwarding code , during 11 years since 1983 / 1362 until 1993 / 1372 .

The rural and urban maps were producing and dividing during execution of this scheme, in the way that one delivery zone was allocated to almost 1000 buildings. So, was determined and announced one unique 5 digits post code for those buildings.

On the other hand, "Post code "becomes the destination and delivery part (operating field of each deliverer) of all local addresses.

In the second plan of development (1994 – 98 / 1373 – 77) , and after allocating 5 digits post code to all localities and standardization of addresses , 10 digits post code scheme , was designed and executed in Tehran with making list of urban localities , then , decided to determine and announce civilians 10 digits post code of each locality which its first 5 digits was the same previous 5 digits post code .

Iran Post code system was designed so that, surface of the country was divided into 9 sorting centers and these 9 centers into 2801 pieces in order to recognize the destiny of postal items, with considering urban and rural development .Therefore all surfaces of the country was divided into 10106 pieces in total (8565 delivery zones + 1541 rural zones of the cities), which is called each of them «delivery zone». Thus, there are some residential and business localities in each delivery zone which have one 5 digits post code.

Ten digits post code was designed in order to recognizing each locality on the basis of its position. To reach on this, were added extra 5 digits to former 5 digits post code.

So that , each delivery zone was divided into 8 relatively equal segments on account of residential and business localities , so , each segment includes , at least , one or more blocks , then , identified 4 digits to each locality in each segment . Thus, each locality was given a 10 digits post code. (5 digits for delivery zone + 1 digit for segment + 4 digits for identification code of locality)

Collecting necessary information for allocating 10 digits post code , was executed after designing and filling up the special form (for making list of localities) during 1991 / 1370 till 1996 / 1375 by dispatching learned officials to all urban points of the country .

Making list of localities in the rural points, was turned over census officials at 1996 / 1375, so complete information of all actual localities of the country was accumulated. Besides, at the same time, the data processing of that was done for creating post code database.

An Introduction to Iran Post Code System

As it mentioned before, 5 digits post code is the foundation of determining 10 digits post code scheme for all residential and business localities to use in Post and other organizations.

Five digits Post code in Iran is made of following figures: 1, 3, 4, 5, 6, 7, 8, 9. each digit is a special sign for postal classification of items on the base of geographical dividing or specific sorts. Consequently, the sorting actions of items, changes to a simple classification with figures. It has been ignored using " zero (0) " in Iran Post Code System , because of resemblance with " five (5) " in Persian writing (٥ و ٠) and different size with other figures , also using " two (2) " , because of resemblance with " three (3) " in Persian version (٣ و ٢) .

Post code divisions have been organized according to sorting and exchanging of mails scheme. On the basis of this scheme, all provinces of the country, is divided into 9 sorting centers on account of facilities and communications devices.

Each of these sorting centers contains one or more provinces according to following factors: population, extent, postal traffics, routes and communications devices.

Each five digits post code includes two parts: 1) Forwarding code (recognition of destiny) and 2) Delivery code (recipient place) in which there is addressee's address. Figure " 1 " is the line of demarcation between these two parts. That is to say the figures in the left of figure " 1 " indicate forwarding code and the figures in the right show us delivery code.

Tehran city and its rustics which are located around, and their postal items delivered by urban offices and are called " rural zone of the cities" , are exceptions. In fact, the post codes of Tehran, Shemiran and Ray, begin with figure " 1 " as

forwarding code, and next four digits represent delivery code. In this case, as an exception, has been used figure " 1 " in all its next characters.

Entirely, the number of delivery code characters, is directly related to amount of population, extent and postal traffics of each point. It means that the quantity of forwarding code will increase if the three mentioned factors are little, so that the quantity of delivery code will be lesser. According to this, for populous and major Tehran city, with the most extended and traffics through the country, was chosen figure " 1 " as forwarding code and next four digits considered as delivery code. The quantities of forwarding and delivery code of other points of country are as follow:

–The forwarding codes of 7 first degree cities of the country are two digits and their delivery codes are three digits.

–The forwarding codes of 49 cities of the country (second degrees) with lesser population, extent and Postal traffics are three and their delivery codes are two.

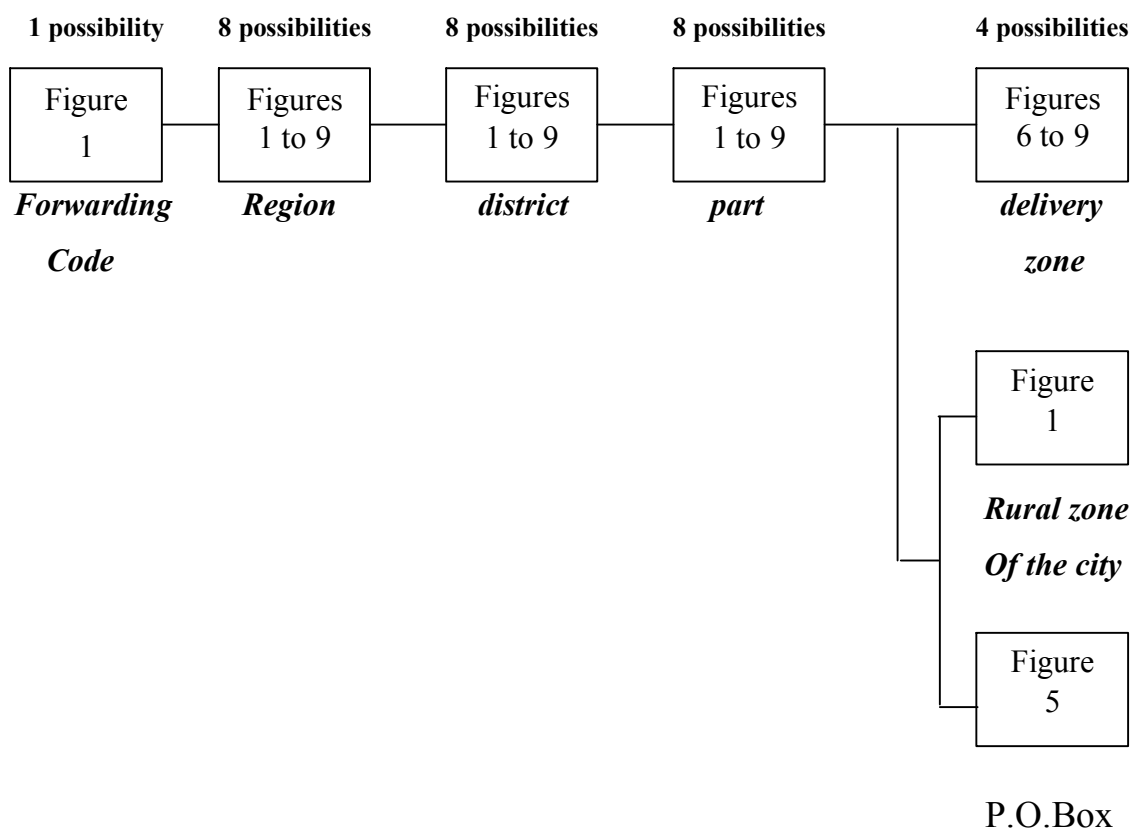
–The forwarding codes of 343 other cities (third degrees) are four and their delivery codes are one.

–The forwarding codes of 2401 cities with least population (forth degrees) or total some rural points are five digits. So, for this class, delivery code was not considered.

Notice: In all above classifications first figure " 1 " from left, which is a line of demarcation between forwarding and delivery code, is counted as character of forwarding code.

The possibilities of forwarding and delivery code in each mentioned group, is shown in following diagrams:

1 - Tehran Post code configuration:



According to this arrangement, Tehran is divided into 8 regions, each region into 8 districts (totally 64 districts), each district into 8 parts (totally 512 parts) and each part into 4 delivery zones (except rural zones). Wholly, Tehran is divided into 2048 pieces for delivery. In addition, has been considered one post code as rural zone in each part around a city, which posed figure "1" as the fifth character of that.

On the basis of Post code arrangement, it can be established a Post office in each part in which has been necessarily settled some P.O.Box.

All P.O.Box in each Post office, have been given two types of numbers:

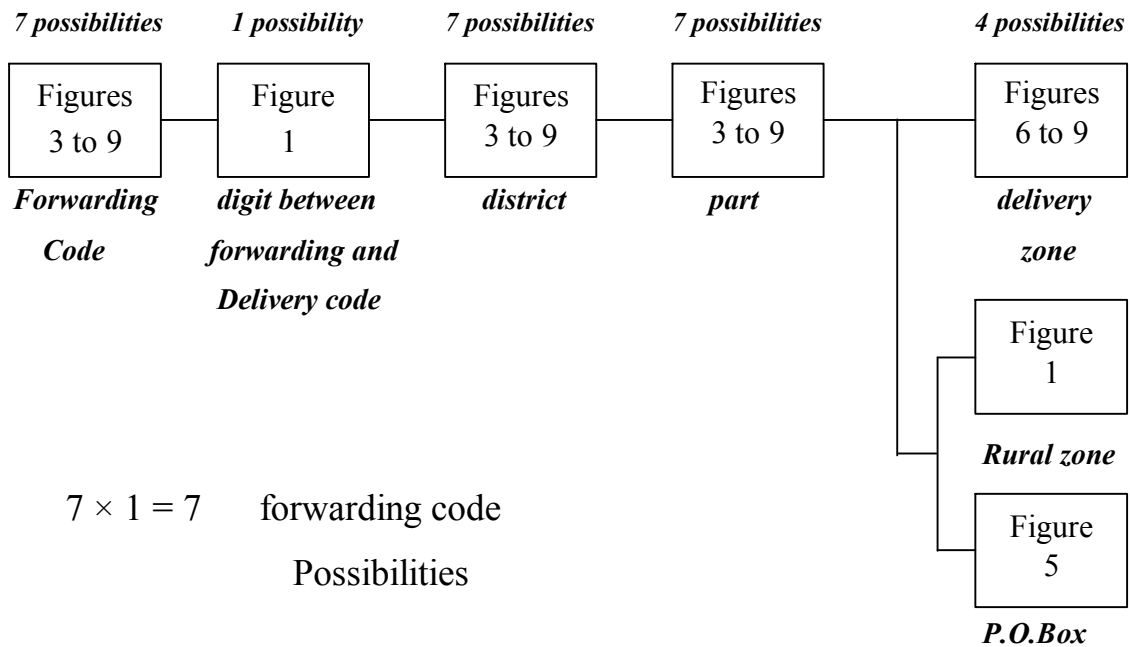
First is Post code including part code (first four characters) plus figure " " in order to recognize Post office location and second is the raw numbers of boxes in Post office. These two types of numbers are distinguished with dash (-) (512 possibilities).

Example:

–The P.O.Box of Public Relations of P.T.T ministry is: 16315 – 555

2 - Post code configuration of seven big cities,

(Karaj, Rasht, Tabriz, Ahvaz, Shiraz, Isfahan and Mash'had):



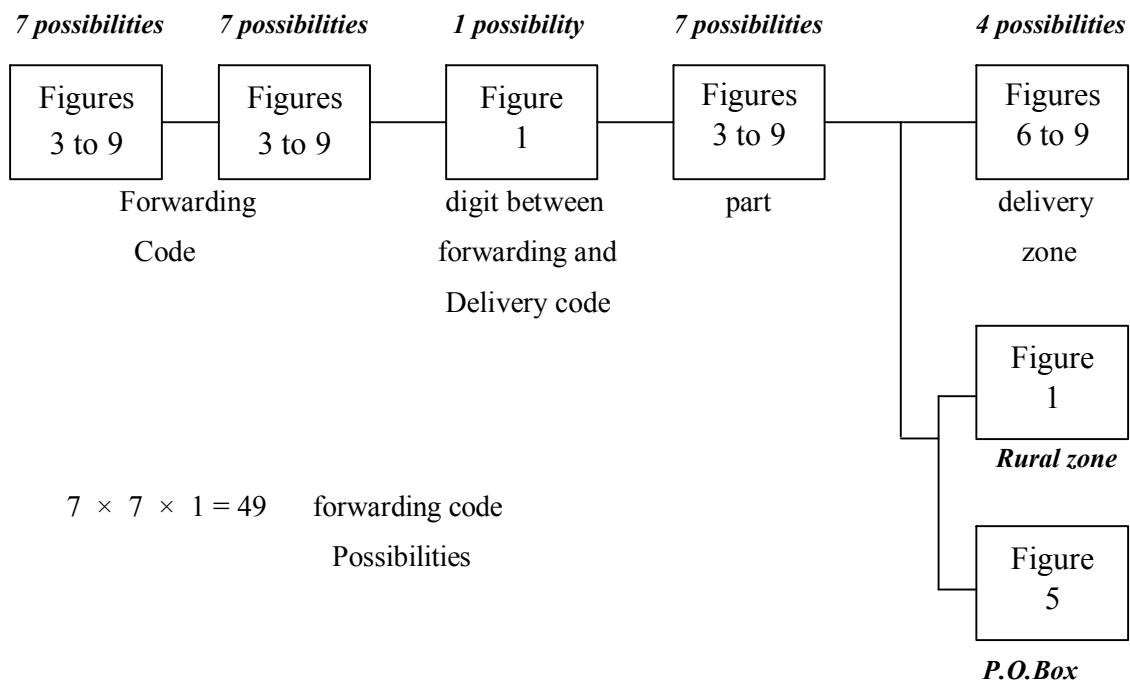
Thus, each of these 7 big cities is divided into 7 districts, 49 parts and 196 delivery zones. Also, can be allocated 49 codes (one code in each part) to rural zones and P.O.Box.

Example:

1 - The Post code of one delivery zone in Mellat St. in Ahvaz city is 61648

2 - The Post code of one of the P.O.Box in the Mash'had central Post administration is: 91375 – 3318

3 - Post code configuration of 49 relatively big and medium cities:

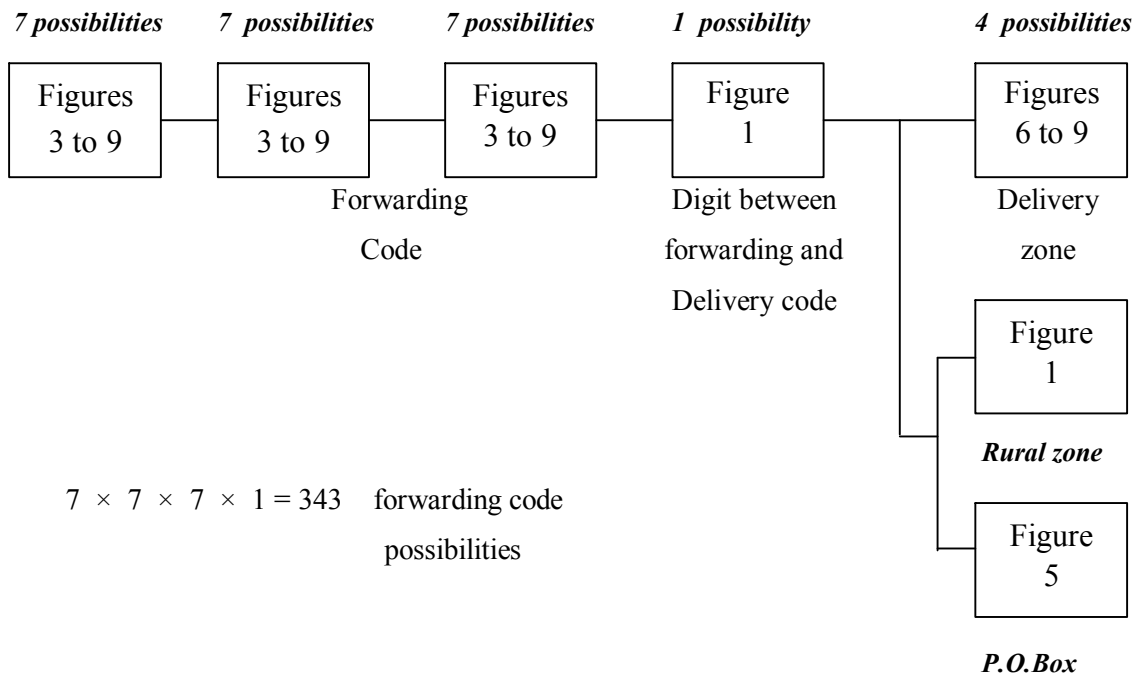


According to this, each of these 49 relatively big cities is divided into 7 parts and 28 delivery zones (each part 4 delivery zones). Also, there are 7 possibilities of creating code for rural zones and P.O.Box (one code in each part).

Example:

- 1 - One Post code of delivery zones in center of Yazd city is 89136.
- 2 - The Post code of a P.O.Box in Hamedan Post administration is 65155 – 194.
- 3 - The rural areas Post code of North West border of Sari city is 48151.

4 - Post code configuration of 343 relatively small cities:

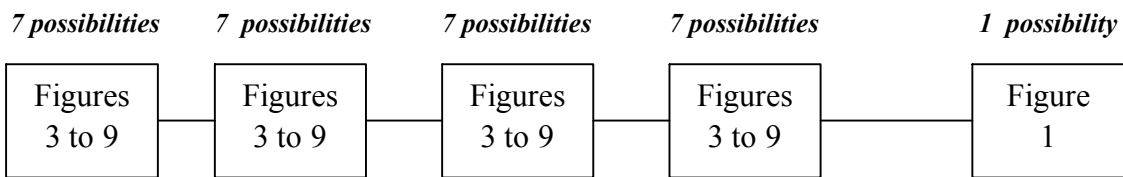


Thus, each relatively small city is divided into 4 pieces (delivery zones). Also, there is one possibility of allocating code to rural zone and P.O.Box.

Example:

- 1 - The Post code of one delivery zone in Yasooj city is 75916.
- 2 - The Post code of a P.O.Box in Behbahan Post administration is 63615 - 369.

5 - Post code configuration of 2401 small cities or total some villages:



Forwarding code

$$7 \times 7 \times 7 \times 7 \times 1 = 2401 \quad \text{Forwarding code}$$

Possibilities

According to this, each of these 2401 gathering points, just possesses a forwarding code and delivery code won't be required.

Example:

1 - The Post code of Haftgel city in Khozestan is 64961.

***The total possibilities of Post code
Through the country***

A – 2801 Possibilities of forwarding codes.

B – 8565 Possibilities of delivery zones.

C – 1541 Possibilities of P.O.Box.

D – 1541 Possibilities of rural zones.

The following chart indicates the number of forwarding and delivery code possibilities with the separation of main nine sorting centers of the country.

Raw	Name of sorting center	Total Qty. of forwarding codes	Qty. of forwarding codes					Possibilities of delivery zones
			1digits	2digits	3digits	4digits	5digits	
	Total	2801	1	7	49	343	2401	8565
1	TEHRAN	801	1	2	14	98	686	3910
2	TABRIZ	800	-	1	7	49	343	931
3	AHVAZ	115	-	1	2	14	98	406
4	HAMEDAN	285	-	-	5	35	245	525
5	SHIRAZ	172	-	1	3	21	147	511
6	KERMAN	228	-	-	4	28	196	420
7	ISFAHAN	400	-	1	7	49	343	931
8	MASH·HAD	286	-	1	5	35	245	721
9	ZAHEDAN	114	-	-	2	14	98	210

Ten digits Post code Database

Ten digits Post code database is divided into two main categories: Residential and workplaces, and latter, into two main groups in itself: state and private.

The foundation of this arrangement is "code of locality type "which has been determined by officials while referring to localities. The codes of locality type are as follow:

- | | |
|---|-----------|
| 1 - Residential places | (code 1) |
| 2 - State workplaces | (code 2) |
| 3 - Both state workplaces and residential | (code -2) |
| 4 - Private workplaces | (code 3) |
| 5 - Both private workplaces and residential | (code -3) |
| 6 - Warehouses | (code 4) |
| 7 - Empty workplaces | (code 5) |
| 8 - Ruined or constructing place | (code 6) |
| 9 - Fenced grounds | (code 7) |
| 10 - Minor door and parking lot | (code 8) |
| 11 - Others | (code 9) |

Meanwhile, the information of country divisions (province, township, city, ...) of all civil and rustic points are available in Post code database regarding their delivery zones.

The components of address which have stored as separate fields in database are as follow:

- 1 - Parish
- 2 - Type of penultimate thoroughfare
- 3 - Name of penultimate thoroughfare

- 4 - Type of ultimate thoroughfare
- 5 - Name of ultimate thoroughfare
- 6 - Plaque (Building Number)
- 7 - Floor
- 8 - Side in store

These eight factors are components of standard address in Post code database, which have been allocated some or all of them to each locality regarding its settlement.

Besides, the possibilities of variant classifications have been anticipated in Post code database.