

# Telecommunications Network Numbering Plan

( Translation from Chinese version.  
If any confusions arise, Chinese version will prevail )

## Head Codes (Prefix) and Service Look-up Table

### I. Head code (prefix) and service category look-up table

Head Code (prefix)	Service Category
00X	International telecommunications service
0AB(B00)	Long-distance or mobile telecommunications services
0A0(A09)	Intelligent virtual number service
1	Emergent call service, public call service and special call service
2~9	Local call service (※note)

( ※Note: the unified access number of the whole area that adopts direct route connection technology may properly use a telecom number starting with 4 in order to render service).

### II. Category name and head code (prefix) look-up table

Service Name	Head Code (prefix)
International direct dialing service	002
International direct dialing collect call service	008
Long-distance telecommunications service	02, 03, 04, 06, 07, 08
Mobile telecommunications services	09
Intelligent virtual number service	010, 020, 030, 050, 070, 080, 099
IOT services of Type I telecommunication enterprises	040
Emergent call service	11
Public call service	11,16
Number Portability network ID	14
Public consultation, public aid and charity service	19
Carrier's service, maintenance and management	12
Call-by-call access service network ID	18
Local call service	2-9

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## Telecom Numbering Plan Format (E.164) in Taiwan

Prefix	Usage
0	International service, long-distance service, mobile service, intelligent virtual number access service, and IOT services of Type I telecommunication enterprises
1	Special service
2-9	Local call service

Note: To meet the development of new telecom technologies, the NCC may make surveys according to the demand of carriers and research organizations (institutes) for telecom numbers before the new telecom numbering format is established, and it may designate proper and unused prefixes within the aforesaid scope of E.164 telecom numbers to carriers or research organizations (institutions) for the use of test or experiment.

### Prefix 0

Head Code	Service Category	Description
00	International Service	1.total length: 3 digits(including Head Code) 2.000: reserved 3.002: international direct dialing access code 4.008: direct international dialing collect call access code 5.001,003-007,009:ready for use ※note 1
010	Intelligent Virtual Number Access Service	VPN service, total length: 5-12 digits(including Head Code)
011 - 019		Reserved
020	Intelligent Virtual Number Access Service	Premium Rate Service (PRS), total length: 8-10 digits(including Head Code)
021		Reserved
02	Long-distance Call Service	1.Taipei Metropolis Area Code, total length: 10 digits(including Head Code) 2.Prefix of local number is 2-3, 5-8
030	Intelligent Virtual Number Access Service	Credit telephone service (CTS), total length: 5-12 digits(including Head Code)

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Head Code	Service Category	Description
031		Reserved
03	Long-distance Call Service	<p>1.Area Code of Taoyuan Area, Shinzhu Area, Hualian Area, Yilan Area, total length: 9 digits(including Head Code)</p> <p>2.Prefix of local number 2-4 is for Taoyuan Area, local number length: 7 digits</p> <p>3.Prefix of local number 5-6 is for Shinzhu Area, local number length: 7 digits</p> <p>4.Prefix of local number 8 is for Hualian Area, local number length: 7 digits</p> <p>5.Prefix of local number 9 is for Yilan Area, local number length: 7 digits</p> <p>6.Dialing numbers across different areas has to dial the area code</p>
037	Long-distance call service	<p>1.Area Code of Miaoli Area, total length: 9 digits(including Head Code)</p> <p>2.Prefix of local number is 2-9, local number length: 6 digits</p>
040	IOT services of Type I telecommunication enterprises	<p>1.Total length: 13 digits(including Head Code)</p> <p>2.For IOT services of Type I telecommunication enterprises only</p> <p>3.Allocate to Type I telecommunication enterprises only</p>
041		Reserved
04	Long-distance call service	<p>1.Area Code of Taichung Area, Changhua Area, total length: 9-10 digits(including Head Code)</p> <p>2.Prefix of local number 2-3 is for Taichung Area, local number length: 8 digits</p> <p>2.Prefix of local number 7-8 is for Changhua Area, local number length: 7 digits</p> <p>3. Dialing numbers across different areas has to dial the area code</p>
049	Long-distance call service	<p>1.Area Code of Nantou Area, total length: 10 digits(including Head Code)</p> <p>2.Prefix of local number is 2-9, local number length: 7 digits</p>

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Head Code	Service Category	Description
050	Intelligent Virtual Number Access Service	Normal rate service (NRS), total length: 8-10 digits(including Head Code)
051		Reserved
05	Long-distance call service	1.Area Code of Yunlin Area, Chiayi Area, total length: 9 digits(including Head Code) 2.Prefix of local number 2-4 is for Chiayi Area, local number length: 7 digits 2.Prefix of local number 5-7 is for Yunlin Area, local number length: 7 digits 3. Dialing numbers across different areas has to dial the area code
060	Intelligent Virtual Number Access Service	Reserved
06	Long-distance call service	1.Area Code of Tainan Area, Penghu Area, total length: 9 digits(including Head Code) 2.Prefix of local number 2-3, 5-7 is for Tainan Area, local number length: 7 digits 3.Prefix of local number 9 is for Penghu Area, local number length: 7 digits 4.Dialing numbers across different areas has to dial the area code
070	Intelligent Virtual Number Access Service	Internet Telephony Service, total length: 11 digits(including Head Code)
071		Reserved
07	Long-distance call service	1.Area Code of Kaohsiung Area, total length: 9 digits(including Head Code) 2.Prefix of local number is 2-9, local number length: 7 digits
080	Intelligent Virtual Number Access Service	Reversed charge service, total length: 8-10 digits(including Head Code)
082	Long-distance call service	1.Area Code of Kinmen Area, Wuchiu Area, total length: 9 digits(including Head Code)

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Head Code	Service Category	Description
		2.Prefix of local number is 2-5, 7-9 is for Kinmen Area,, local number length: 6 digits 3.Prefix of local number 6 is for Wuchiu Area, local number length: 6 digits 4.Dialing numbers across different areas has to dial the area code
0836	Long-distance call service	1.Area Code of Matzu Area, total length: 9 digits(including Head Code) 2.Prefix of local number is 2-9, local number length: 5 digits
08	Long-distance call service	1.Area Code of Pingtung Area, total length: 9 digits(including Head Code) 2.Prefix of local number is 4,7,8, local number length: 7 digits
089	Long-distance call service	1.Area Code of Taidung Area, total length: 9 digits(including Head Code) 2.Prefix of local number is 2-9, local number length: 6 digits
090-098	Mobile telecommunication service	Mobile telephone services, total length: 10 digits(including Head Code)
099	Intelligent Virtual Number Access Service	Personnel number service, total length: 10 digits(including Head Code)

Note1: To adapt to the situation that the existing exchange equipment of the local network carriers have no capacity for the planned call-by-call format code length, and in view of the limited capacity of number resources, thus Type I fixed integrated network carriers are temporarily allocated with such numbers as 005, 006, 007, 009, etc as international direct dialing network ID of circuit switching technologies. In addition, such numbers as 015, 016, 017, 019, etc are allocated as international direct dialing network ID of high compression ratio or packet-switched technology. After the year of 2004, the left numbers as 00X or 01X should be temporarily allocated for new Type I

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Fixed Integrated Network carriers applied for operation, whereas only the left numbers as 01X should be temporarily allocated for new International Network Business carriers applied for operation. As for the withdrawing these 00X and 01X temporarily assigned numbers, the administration should take into account the subscribers' customs, market developments and the entire benefits of the society, and should also announce the withdrawing schedule.

Note 2: The exchange equipment of current local call carriers is limited in handling unified dialing intelligent virtual number access service that adopts direct route connection technology, and the 0A0 format of the original numbering plan cannot be implemented, thus the numbering plan has agreed to adopt E.164 phone numbers starting with 4 for aforesaid demands. Such temporary codes are 7-digit long in principle, which shall be expanded to 10-digit codes starting with 050 later. If the carriers have other considerations and commit to shift to 10-digit codes starting with 0504 without any objections, they may apply to the NCC in order to use non 7-digit codes now.

## 1 Header

Head Code	Service Category	Description
10	Common service of fixed network owners	3-digit call numbers (Such as 100, 104, 105)
11	Emergent call service Public call service	3-digit call numbers (Such as 110, 117, 119)
12	Specific service of fixed network carriers Maintenance number of fixed network carriers	Undetermined number length
13		In reserve
14		Number Portability network ID
15		In reserve
16	Emergent call service Public call service	3-digit call numbers (Such as 166, 167, 168)

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17		In reserve
18	Call-by-call access service network ID	4 or 5-digit code format (18XY ( Z )) ※note
19	Public consultation Public aid Charity service	1. non-profitable 2. 4-digit numbers (Such as 1950, 1995)

Note: For there will be more carriers offering services after the simple voice resale was opened in July 2001, the format of call-by-call access service network ID is changed from 18XY to 18XYZ. The 18XY format could be kept if the carriers have input a lot of resources for marketing its network ID.

## Numbers starting with 2-9

Head Code	Service Type	Description
2-9	Local call service	Local call numbers ※note

Note: At present, the prefix 412 of the unified dialing-up number adopts direct route connection mode instead of the more advanced database polling mode, thus it is unable to be shifted to the prefix 0A0 region in a short time although it belongs to intelligent virtual numbers, therefore the prefix 412 shall be kept stable. In addition, in order to maintain the fair market competitions, other fixed network operators may use office codes starting with 4 as the unified dialing-up number for certain service within certain region besides the 412 as the unified dialing up number of the whole region.

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## Telecom Service Access Number (OAB) Allocation Table

B	1	2	3	4	5	6	7	8	9	0
A										
1										VPN
2		Taipei Metropolis			Taipei Metropolis	Taipei Metropolis	Taipei Metropolis	Taipei Metropolis		PRS
3		Taoyuan Area			Shinshu Area		Miaoli Area	Hualian Area	Yilan Area	CTS
4		Taichung Area					Changhua Area		Nantou Area	IOT services
5		Chiayi Area			Yunlin Area					NRS
6		Tainan Area			Tainan Area				Penghu Area	Reserved
7		Kaohsiung Area								ITS Internet Tele Service
8		Kinmen Wuchiu	Matzu	Ping-dung			Pingtung		Taidung	FPS
9	Mobile communication								PN	Mobile
0		Int'l telephone access code						Int'l collect call		

- Note: 1. The closed numbering mode is adopted inside the same area for sharing of all telecom carriers.
2. When 9-digit numbers are adopted, each box of this table represents the capacity of ten million numbers.



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## Region Code (0 + Area ID code) Allocation Table

Region	Area Code	Local Number
Taipei Metropolis	(02)	2&3&5~8+7D
Taoyuan Area	(03)	2&3&4+6D
Shinshu Area	(03)	5&6+6D
Miaoli Area	(037)	2~9+5D
Hualian Area	(03)	8+6D
Yilan Area	(03)	9+6D
Taichung Area	(04)	2&3+7D
Zhanghua Area	(04)	7&8+6D
Nantou Area	(049)	2~9+6D
Chiayi Area	(05)	2~4+6D
Yunlin Area	(05)	5~7+6D
Tainan Area	(06)	2&3&5~7+6D
Penghu Area	(06)	9+6D
Kaohsiung Area	(07)	2~9+6D
Kinmen &Wuchiu	(082)	3+5D
Matzu	(0836)	2-9+4D
Pingtung Area	(08)	4&7&8+6D
Taidung County	(089)	2~9+5D

Note I: 1. (02) +8D indicates that the local calls are 8-digit numbers, and the prefix of local calls is 2-9 with the region code as (02).

2. (03) 3 & 4+6D indicates that the local calls are 7-digit codes, and the

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prefix of local calls is 3 or 4 with the region code as (03).

## Summary for Numbering Plan Dialing Mode

Starting with 0

<b>International calls</b>				
Dialing mode : 00A +CC (country code of the receiver) + NSN (national significant number of the receiving country)				
Prefix	Indication	Code A	Indication	Remark
00	International service access code	0		Reserved
		1-9	International service	Note 1
<b>Long-distance calls</b>				
Dialing mode : 0+A (region code) +BCDE (local center code) + SN( subscriber number)				
Prefix	Indication	Code A	Indication	Remark
0	Long-distance service access number	1		Reserved
		2-8	Region code	
<b>Mobile telephone</b>				
Dialing mode : 0+ABC (service type) +DE (ID of owner) + FGHI ( subscriber number)				
Prefix	Indication	Code A	Indication	Remark
0	Mobile service access code	9	Mobile telecommunication	
<b>Intelligence virtual number service calls</b>				
Dialing mode : 0A0 +BCD+EFGH ( A ⊕ 7, 9) 070+BCDE+FGHI 099+BCD+EFGH				
Prefix	Indication	Remark		
0A0 099	Intelligence virtual number dial-up service access code	Current planning 010 : virtual network service ( VNS) 020 : Premium rate service (PRS) 030 : Credit telephone service (CTS) 050 : Normal rate service (NRS) 070 : Internet Telephony Service (ITS ) 080 : Collect call service (FPS) 099 : Personnel number service ( PNS)		

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<b>IOT services of Type I telecommunication enterprises</b>		
Dialing mode : 040 +BCDEF+GHIJK		
Prefix	Indication	Remark
040	Access code for IOT services of Type I telecommunication enterprises	IOT services of Type I telecommunication enterprises

Numbers starting with 1

<b>3-digit call numbers</b>				
Dialing mode : 1XY				
Prefix	Indication	Code X	Indication	Remark
1	Special code	0	Common service of operators	Such as 104, 105
		1&6	Emergent call service	Such as 110, 119
			Public call service	Such as 166, 168

<b>Operator's service and maintenance number</b>		
Dialing mode : 12X... (Uncertain format and code length)		
Header	Usage	Remark
12	<ul style="list-style-type: none"> <li>·For operators to put forward particular service</li> <li>·For the operators to maintain required numbers</li> </ul>	The NCC shall negotiate with operators on the planning principle in order to facilitate the people to use and the operation between operators.

<b>Call-by-call network ID Code</b>			
Dial-up mode : 18XY ( Z) +0+A+BCDE+FGHI 18XY(Z)+002+CC+N(S)N 18XY(Z)+CC+N(S)N (Note2: Only for the local subscribers of CHT)			
Prefix	Indication	XY (Z) code	Remark
18	Call-by-call specific network	Identification Code	For subscribers access through call-by-call

<b>4-digit call numbers</b>		
Dialing mode : 19XY		
Prefix	Usage	Remark

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19	Public consultation, public aid and charity service	<ul style="list-style-type: none"> <li>·Non-profitable service</li> <li>·For example : <ul style="list-style-type: none"> <li>1950 (consumer protection service dedicated line)</li> <li>1995(Lifeline service dedicated line)</li> </ul> </li> </ul>
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<b>Other numbers starting with 1</b>	
Prefix	Remark
14	Number Portability network ID
13&15&17	Reserved

## Numbers starting with 2-9

<b>Local call</b>		
Dialing mode : BCDE+FGHI		
Prefix (code B)	Indication (BCDE code)	Remark
2-9	Local office code	The length of local office codes differ from regions

Note 1 : At present, the solemnly planned prefix 00X are 002 (International direct dialing access code) and 008(International direct dialing collect access code);Besides ,005,006,007,009 are impermanently assigned for fixed network telecommunications business of Type I integrated network operators , these temporarily assigned codes will be withdrawn after the CHT upgrades it's exchange equipment of the local network for supplying subscribers the accumulating ability of 23-digit codes by one step dialing up. As for the withdrawing these 00X and 01X temporarily assigned numbers, the administration should take into account the subscribers' customs, market developments and the entire benefits of the society, and should also announce the withdrawing schedule.