

NALENND™

North American Local Exchange NPA NXX Database

Standard Edition

Data Set / File Specifications

Each file included with this product is a flat ASCII text, comma-separated-value (CSV) formatted data file. Each file contains a single header row that contains the column headings followed by one or more data rows. Each element (data value or column heading) within a row is terminated by a single ASCII comma ',' character. The final element in each row is terminated by an ASCII carriage return/line feed (CR/LF) character combination. Data elements or values are encapsulated using "Double Quotes" if the data value itself contains a comma ',' character.

File	Description
phonestandard.csv	NPA NXX master assignments data
county.csv	FIPS county cross-reference data

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FIELD DESCRIPTIONS: phonestandard.csv

Field	Description
NPA	3-digit Number Plan Area, commonly referred to as the telephone area code.
NXX	3-digit Central Office Code or Destination Code, also referred to as the telephone exchange or prefix. The 3-digit NPA combined with the 3-digit NXX form the National Destination Code (NDC) for the North American Numbering Plan.
LTYPE	Single character alphanumeric value identifying the basic line type of the NPA NXX. <ul style="list-style-type: none">• S – Wireline, non-wireless service including POTS, Broadband etc.• C – Wireless type service including PCS, Cellular, GSM, etc.• P – Paging and other Messaging services.
STATE	Two-character state or province abbreviation of the exchange's Rate Center or locality. These are standard postal abbreviations which differ from the same COMMON LANGUAGE® assignments. The exceptions are as follows with the COMMON LANGUAGE® parenthesized next to the location name. <ul style="list-style-type: none">• AS – American Samoa (AM)• MP – Northern Mariana Islands (NN)• NL – Newfoundland Labrador (NF)• QC – Quebec (PQ)• NU - Nunavut Territory (VU)
COUNTRY	Two-character ISO 3166-1 Country Code of the exchange's rate center country location. Telecommunications industry specific databases normally use abbreviations based on COMMON LANGUAGE® assignments. The COMMON LANGUAGE® country codes are those parenthesized values next to the country name. <ul style="list-style-type: none">• US - United States (US)• CA – Canada (CA)• BS – Bahamas (BA)• BB – Barbados (BD)• AI – Anguilla (AI)• AG - Antigua and Barbuda (AN)• VG - Virgin Islands, British (BV)• KY - Cayman Islands (CQ)• BM – Bermuda (BM)• GD – Grenada (GN)• TC - Turks and Caicos Islands (TC)• MS – Montserrat (RT)• LC - Saint Lucia (SA)• DM – Dominica (DM)• VC - Saint Vincent and the Grenadines (ZF)• DO - Dominican Republic (DR)• TT - Trinidad and Tobago (TR)• KN - Saint Kitts and Nevis (KA)• JM – Jamaica (JM)

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RC	The non-abbreviated name of the exchange's Rate Center or locality. This name is used to identify the geographic area served by the NPA NXX.
ZIP	<ul style="list-style-type: none">• United States – contains the first 5-digit ZIP code found for the exchange locality within the Rate Center.• Canada – contains the first postal code Forward Sortation Area code for the exchange within the Rate Center.
ZIP2	Second United States ZIP code or Canadian postal code Forward Sortation Area code for the exchange locality.
ZIP3	Third United States ZIP code or Canadian postal code Forward Sortation Area code for the exchange locality.
ZIP4	Fourth United States ZIP code or Canadian postal code Forward Sortation Area code for the exchange locality.
FIPS	County or county equivalent code <ul style="list-style-type: none">• United States – 5-digit Federal Information Processing System (FIPS) county code.• Canada – 4-digit Statistics Canada census division code
FIPS2	Second county or county equivalent code.
FIPS3	Third county or county equivalent code.

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FIELD DESCRIPTIONS: county.csv

Field	Description
CountyCode	County or county equivalent code <ul style="list-style-type: none">• United States – 5-digit Federal Information Processing System (FIPS) county code.• Canada – 4-digit Statistics Canada census division code
Country	Two character country abbreviation
State	Two character state or province abbreviation
Name	Name of county or county equivalent
Type	Organizational recognition of the county
LandArea	County land area in square miles
Pop2006	U.S. Census Bureau, Population Division or Statistics Canada reported 2006 population

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Standard Edition: schema

Overall cross-reference. Preferred record **keys** are **RED**.

phonestandard.csv : **NPA_NXX** {

```
NPA number(3) null,  
NXX number (3) null,  
LTYPE char(1) null,  
STATE char(2) null,  
COUNTRY char(2) null,  
RC varchar(255) null,  
ZIP varchar(5) null,  
ZIP2 varchar(5) null,  
ZIP3 varchar(5) null,  
ZIP4 varchar(5) null,  
FIPS char(5) null,  
FIPS2 char(5) null,  
FIPS3 char(5) null,  
};
```

county.csv : **County** {

```
CountyCode number(5) not null,  
Country char(2) not null,  
State char(2) not null,  
Name varchar(128) null,  
Type varchar(80) null,  
LandArea number null,  
Pop2006 number null,  
};
```

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Appendix A – Common states, provinces, and territories

United States - States and territories

AL	Alabama	NJ	New Jersey
AK	Alaska	NM	New Mexico
AZ	Arizona	NY	New York
AR	Arkansas	NC	North Carolina
CA	California	ND	North Dakota
CO	Colorado	OH	Ohio
CT	Connecticut	OK	Oklahoma
DE	Delaware	OR	Oregon
DC	District of Columbia	PA	Pennsylvania
FL	Florida	RI	Rhode Island
GA	Georgia	SC	South Carolina
HI	Hawaii	SD	South Dakota
ID	Idaho	TN	Tennessee
IL	Illinois	TX	Texas
IN	Indiana	UT	Utah
IA	Iowa	VT	Vermont
KS	Kansas	VA	Virginia
KY	Kentucky	WA	Washington
LA	Louisiana	WV	West Virginia
ME	Maine	WI	Wisconsin
MD	Maryland	WY	Wyoming
MA	Massachusetts	AS	American Samoa
MI	Michigan	FM	Micronesia
MN	Minnesota	GU	Guam
MS	Mississippi	MH	Marshall Islands
MO	Missouri	MP	Northern Mariana Islands
MT	Montana	PW	Palua
NE	Nebraska	PR	Puerto Rico
NV	Nevada	UM	Minor Islands
NH	New Hampshire	VI	Virgin Islands

Canada - Provinces and territories

AB	Alberta	NU	Nunavut
BC	British Columbia	ON	Ontario
MB	Manitoba	PE	Prince Edward Island
NB	New Brunswick	QC	Quebec
NL	Newfoundland and Labrador	SK	Saskatchewan
NT	Northwest Territories	YT	Yukon
NS	Nova Scotia		

Mexico - States and territories

AGS	AGUASCALIENTES	MOR	MORELOS
BC	BAJA CALIFORNIA	NAY	NAYARIT
BCS	BAJA CALIFORNIA SUR	NL	NUEVO LEON
CAM	CAMPECHE	OAX	OAXACA
COAH	COAHUILA	PUE	PUEBLA
COL	COLIMA	QRO	QUERETARO
CHIS	CHIAPAS	QROO	QUINTANA ROO

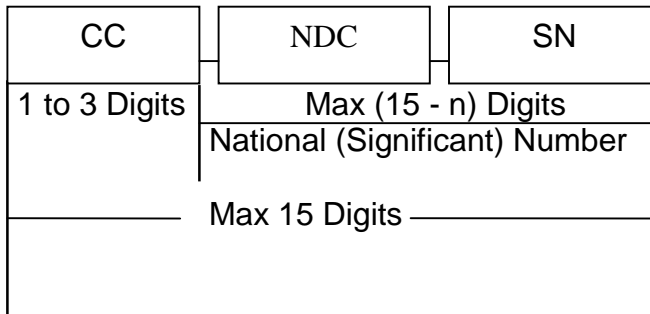
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CHIH	CHIHUAHUA	SLP	SAN LUIS POTOSI
DF	DISTRITO FEDERAL	SIN	SINALOA
DGO	DURANGO	SON	SONORA
GTO	GUANAJUATO	TAB	TABASCO
GRO	GUERRERO	TAM	TAMAULIPAS
HGO	HIDALGO	TLAX	TLAXCALA
JAL	JALISCO	VER	VERACRUZ
MEX	MEXICO	YUC	YUCATAN
MICH	MICHOACAN	ZAC	ZACATECAS

Appendix B – North American Numbering Plan

Telephone numbers in North America adhere to the ITU Recommendation E.164. The structure of the ITU Recommendation E.164 number is made up of the following fields:



where:

- **CC** - Country Code
- **NDC** - National Destination Code
- **SN** - Subscriber Number
- **n** - the number of digits in the Country Code