

Horizon — Address Locator

Automated Script Generation

PRODUCT IMPLEMENTATION GUIDE

Inaccurate addresses can cost additional surcharges, delayed delivery and customer satisfaction. Horizon software can eliminate these costly issues.



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There are two methods of implementing Horizon:

- The easiest method is to use the automated script generator. This requires minimum web skills and no programming is required. The procedures for this are described in this document.
- The second method is to use your own implementation using the REST API services described in the Horizon Technical Product Guide.

HORIZON - Overview

The HORIZON Address Locator allows the user to start entering an address and have the system respond with suggestions. Each time a number or letter is typed the data entered is sent to the server to obtain a response. In most cases the user only needs to enter 4-6 characters of the address in order for the system to locate the intended address.

The screenshot shows a search input field containing the text "1 suss". Below the input field is a list of eight address suggestions, each on a new line. At the bottom of the list, there is a "More Results" link and a "Change Country" dropdown menu with a Canadian flag icon.

1 suss
1 Sussex Cres, London ON N5Y 5H1
1 Sussexvale Dr, Brampton ON L6R 3S1
1 Sussex Sq, Owen Sound ON N4K 5N5
1 Sussex Crt, St Catharines ON L2M 1K3
1 Sussex Dr, Etobicoke ON M8V 1W3
1 Sussex Pl, Brockville ON K6V 2P9
1 Sussex Dr, Ottawa ON K1A 0A1 (Government House)
1 Sussex Pl, Kapuskasing ON P5N 1M3

HORIZON ADDRESS LOCATOR [More Results](#) [Change Country](#)

OVERVIEW:

- UPPER case only or UPPER and lower case
- Short or long street types i.e. St or Street, Ch or Chemin
- French addresses formatted in French style i.e. rue Principale
- Accented street and city names i.e. Montréal QC
- By default up to 8 matches are returned, this can be adjusted if less are required
- Latitude and Longitude are returned for each address
- An English or French format code is returned
- Apartment and Business building are identified where applicable
- An override function is built in so that an address can be entered without a match thus providing 'frictionless' operation
- The Horizon server is maintained in a secure facility providing 24/7 access
- At no time is any customer data retained on the server

HORIZON - Benefits

BENEFITS:

- Enhances customer experience
- Reduces typing required to enter an address
- Ensures accuracy
- Consistent address format
- More accurate delivery information
- Collect accurate data at point on entry
- Standard edition includes all Canadian addresses and United States
- Enhanced edition includes also includes international addresses

HORIZON - Automatic Script Generation

The automatic script generation is the quickest and easiest way to implement Horizon. By filling out the form a script is created that is added to the bottom of your webpage. Follow the instructions below in order to do this:

HORIZON Script Generation Form
ADDRESS LOCATOR

Address Search Français

Search Options

Use HyperText Transfer Protocol (http) Use HyperText Transfer Protocol Secure (https)

Select API Mode...
Enter License Key

8 Maximum Suggestions
UPPER/Lower Upper or Lower Case
Short Street Type

Yes Accent
Yes Proximity Search
ISO 2 Country Code Version

Canada Default Country
English Language

Display suite information in search? Display address name in search? Disable country selection?

Field Options

Website File Upload

Enter your website url to retrieve possible field ids.
(that url will work)
If the form could not retrieve the field id's from your url, copy the html from the Element Selector and create an html file.

Enter Website URL

Populate field id dropdowns

Fields will need to be entered with their identifier. (i.e. for class: inputClass, for id #inputId)

Province Field Type: Select Input
Country Field Type: Select Input

Enter Street Line 1 Identifier
Enter Street Line 2 Identifier

Enter Town/City Identifier
Enter Province Identifier

Enter Country Identifier
Enter Postal Code Identifier

Do you need jQuery library in your site?

Generate Script

HORIZON - Automatic Script Generation

In most cases you can accept the default settings for the following:

1. http or https—in most cases you would use the https setting for a secure connection to the server
2. API mode—you may want to use the test server when you are first setting your options and then when they are finalized use the Live server
3. Enter License Key—the key that has been assigned to your account
4. Maximum Suggestions—default is 8 and maximum is 10 addresses to retrieve
5. Case—UPPER (all caps) or UPPER/Lower for mixed case
6. Street Type—Short i.e. St vs Street or Long Street vs St
7. Accent—Where appropriate accents will be included in street and city names
8. Proximity Search—uses the Latitude and Longitude of the users location to rank the search results so that addresses closest to the user are displayed first
9. ISO2/3—Uses either ISO2 or ISO3 country codes depending on how the web page is setup, default is ISO2 (i.e. CA, US)
10. Default country—which country should be selected by default
11. Language—English or French—language that prompts are displayed in
12. Display suite information—Display if there are a range of suite numbers available for an address, default is Yes
13. Display address name—In some cases a building name or company name will be associated with an address, default is Yes
14. Disable country selection—Only allow the default country, default is No
15. Province/State field type and Country field types:
 - Select indicates a 'drop-down' selection and Input indicates a field entry
 - Default is SELECT as most web pages use this type of entry for these fields
16. Do you need jQuery... most web sites already use jQuery, if yours does not then check this selection to add it

HORIZON - Automatic Script Generation

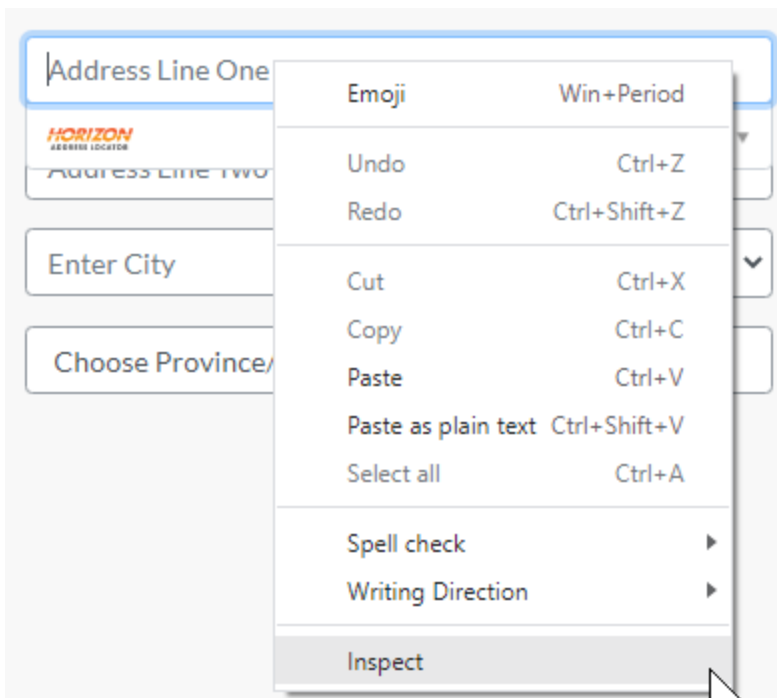
Field Options WEBSITE or FILE UPLOAD:

The field names need to be entered so that Horizon knows how to fill in the results. There are different ways to do this:

1. Enter the webpage url or the saved page name and have the field names auto-discovered
 - Select WEBSITE or FILE UPLOAD
 - Enter the website URL or the name of the saved page
 - Select POPULATE FIELD ID DROPDOWNS
 - If successful the message 'The field ids have been populated for selection' is displayed
 - Click on each field and select the ID

Manually locate field ID's:

1. In your web browser go to the page that you want to add Horizon to
2. Right click on the address one field and then select INSPECT



HORIZON - Automatic Script Generation

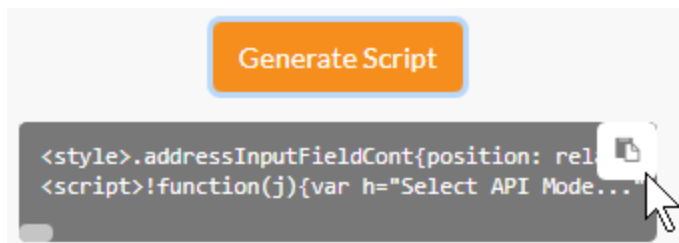
3. The input field will be similar to this:

```
<div class="addressInputFieldCont" style="position: relative;">  
  <input type="text" class="form-control addressInputField" id="streetInput"  
  placeholder="Address Line One" autocomplete="nope"> == $0  
  <div class="address dropdown" style="position: absolute; z-index: 5; width: 10
```

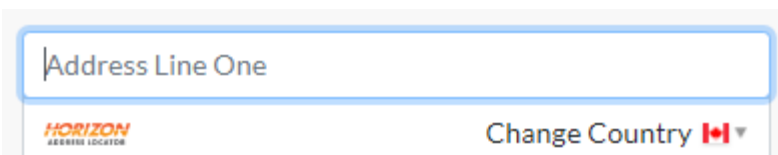
4. Make a note of this field ID, in this case it is '#streetInput'. Note that you will need the # at the start of the field name and it is case sensitive

5. Repeat this for each of the fields on the page i.e. Address Two (Optional), City, Region/Prov/State and Postcode/Zip

Once everything has been entered click on GENERATE SCRIPT and then click on the COPY icon to copy it to the clipboard



You can now edit your webpage and paste the copied contents of the script to the very bottom of the page. Save it and then test to ensure that the page is now prompting for the address entry similar to the below.



HORIZON - Countries with primary and secondary data

The primary countries in Horizon have full postal data for all locations at street level. Primary countries that are included in Horizon are:

Canada— including all provinces and territories

United States, including:

United States of America	American Samoa	Virgin Islands (US)
Puerto Rico	US Minor Outlying Islands	Northern Mariana Islands
Guam	Palau	Micronesia (Federated States of)

United Kingdom, including:

Great Britain	Isle of Man	Northern Ireland
Scotland	Jersey	Guernsey
Northern Ireland		

France, including :

France	Guadeloupe	Reunion
Saint Martin (French Part)	Martinique	Mayotte
Saint Barthelemy	French Guiana	

Australia, including:

Australia	Cocos (Keeling) Islands	Christmas Island
Heard Island and McDonald Islands	Norfolk Island	

New Zealand, including:

New Zealand	Cook Islands	Niue
Tokelau		

Mexico

Switzerland, Italy, Lichtenstein, Luxemburg, Netherlands

HORIZON - Countries with primary and secondary data

English short name	French short name	ISO2 code	ISO3 Code	Postal Code	Full Address
Afghanistan	Afghanistan	AF	AFG	X	
Åland Islands	Åland(les Îles)	AX	ALA	X	
Albania	Albanie	AL	ALB	X	
Algeria	Algérie	DZ	DZA	X	
American Samoa	Samoa américaines	AS	ASM		X
Andorra	Andorre	AD	AND	X	
Angola	Angola	AO	AGO	X	
Anguilla	Anguilla	AI	AIA	X	
Antarctica	Antarctique	AQ	ATA	X	
Antigua and Barbuda	Antigua-et-Barbuda	AG	ATG	X	
Argentina	Argentine	AR	ARG	X	
Armenia	Arménie	AM	ARM	X	
Aruba	Aruba	AW	ABW	X	
Australia	Australie	AU	AUS		X
Austria	Autriche	AT	AUT	X	
Azerbaijan	Azerbaïdjan	AZ	AZE	X	
Bahamas	Bahamas	BS	BHS	X	
Bahrain	Bahreïn	BH	BHR	X	
Bangladesh	Bangladesh	BD	BGD	X	
Barbados	Barbade	BB	BRB	X	
Belarus	Bélarus	BY	BLR	X	
Belgium	Belgique	BE	BEL	X	
Belize	Belize	BZ	BLZ	X	
Benin	Bénin	BJ	BEN	X	
Bermuda	Bermudes	BM	BMU	X	
Bhutan	Bhoutan	BT	BTN	X	
Bolivia (Plurinational State of)	Bolivie (État plurinational de)	BO	BOL	X	
Bonaire, Sint Eustatius and Saba	Bonaire, Saint-Eustache et Saba	BQ	BES	X	
Bosnia and Herzegovina	Bosnie-Herzégovine	BA	BIH	x	
Botswana	Botswana	BW	BWA	X	
Bouvet Island	Bouvet (l'Île)	BV	BVT	X	
Brazil	Brésil	BR	BRA	X	
British Indian Ocean Territory	Indien (le Territoire britannique de l'océan)	IO	IOT	X	
Brunei Darussalam	Brunéi Darussalam	BN	BRN	X	
Bulgaria	Bulgarie	BG	BGR	X	
Burkina Faso	Burkina Faso	BF	BFA	X	
Burundi	Burundi	BI	BDI	X	

HORIZON - Countries with primary and secondary data

English short name	French short name	ISO2	ISO3	Postal Code	Full Address
Cabo Verde	Cabo Verde	CV	CPV	X	
Cambodia	Cambodge	KH	KHM	X	
Cameroon	Cameroun	CM	CMR	X	
Canada	Canada	CA	CAN		X
Cayman Islands	Caïmans (les Îles)	KY	CYM	X	
Central African Republic	République centrafricaine	CF	CAF	X	
Chad	Tchad	TD	TCD	X	
Chile	Chili	CL	CHL	X	
China	Chine	CN	CHN	X	
Christmas Island	Christmas (l'Île)	CX	CXR		X
Cocos (Keeling) Islands	Cocos (les Îles)/ Keeling (les Îles)	CC	CCK		x
Colombia	Colombie	CO	COL	X	
Comoros	Comores	KM	COM	X	
Congo	Congo	CG	COG	X	
Congo (the Democratic Republic of the)	Congo (la République démocratique du)	CD	COD	X	
Cook Islands	Cook (les Îles)	CK	COK	X	
Costa Rica	Costa Rica	CR	CRI	X	
Côte d'Ivoire	Côte d'Ivoire	CI	CIV	X	
Croatia	Croatie	HR	HRV	X	
Cuba	Cuba	CU	CUB	X	
Curaçao	Curaçao	CW	CUW	X	
Cyprus	Chypre	CY	CYP	X	
Czechia	Tchéquie	CZ	CZE	X	
Denmark	Danemark	DK	DNK	X	
Djibouti	Djibouti	DJ	DJI	X	
Dominica	Dominique	DM	DMA	X	
Dominican Republic	dominicaine (la République)	DO	DOM	X	
Ecuador	Équateur	EC	ECU	X	
Egypt	Égypte	EG	EGY	X	
El Salvador	El Salvador	SV	SLV	X	
Equatorial Guinea	Guinée équatoriale	GQ	GNQ	X	
Eritrea	Érythrée	ER	ERI	X	
Estonia	Estonie	EE	EST	X	
Eswatini	Eswatini	SZ	SWZ	X	
Ethiopia	Éthiopie	ET	ETH	X	
Falkland Islands [Malvinas]	Falkland (les Îles)/Malouines (les Îles)	FK	FLK	X	
Faroe Islands	Féroé (les Îles)	FO	FRO	X	
Fiji	Fidji	FJ	FJI	X	
France	France	FR	FRA		X

HORIZON - Countries with primary and secondary data

English short name	French short name	ISO2	ISO3	Postal Code	Full Address
French Guiana	Guyane française	GF	GUF		x
French Polynesia	Polynésie française	PF	PYF	x	
French Southern Territories	Terres australes françaises	TF	ATF	X	
Gabon	Gabon	GA	GAB	X	
Gambia	Gambie	GM	GMB	X	
Georgia	Géorgie	GE	GEO	X	
Germany	Allemagne	DE	DEU	X	
Ghana	Ghana	GH	GHA	X	
Gibraltar	Gibraltar	GI	GIB	X	
Greece	Grèce	GR	GRC	X	
Greenland	Groenland	GL	GRL	X	
Grenada	Grenade	GD	GRD	X	
Guadeloupe	Guadeloupe	GP	GLP		x
Guam	Guam	GU	GUM		x
Guatemala	Guatemala	GT	GTM	X	
Guernsey	Guernesey	GG	GGY		X
Guinea	Guinée	GN	GIN	X	
Guinea-Bissau	Guinée-Bissau	GW	GNB	X	
Guyana	Guyana	GY	GUY	X	
Haiti	Haïti	HT	HTI	X	
Heard Island and McDonald Islands	Heard-et-Îles MacDonalid (l'Île)	HM	HMD		x
Holy See	Saint-Siège	VA	VAT	X	
Honduras	Honduras	HN	HND	X	
Hong Kong	Hong Kong	HK	HKG	X	
Hungary	Hongrie	HU	HUN	X	
Iceland	Islande	IS	ISL	X	
India	Inde	IN	IND	X	
Indonesia	Indonésie	ID	IDN	X	
Iran (Islamic Republic of)	Iran (République Islamique d')	IR	IRN	X	
Iraq	Iraq	IQ	IRQ	X	
Ireland	Irlande	IE	IRL	X	
Isle of Man	Île de Man	IM	IMN		x
Israel	Israël	IL	ISR	X	
Italy	Italie	IT	ITA		x
Jamaica	Jamaïque	JM	JAM	X	
Japan	Japon	JP	JPN	X	
Jersey	Jersey	JE	JEY		x
Jordan	Jordanie	JO	JOR	X	
Kazakhstan	Kazakhstan	KZ	KAZ	X	

HORIZON - Countries with primary and secondary data

English short name	French short name	ISO2	ISO3	Postal Code	Full Address
Kenya	Kenya	KE	KEN	X	
Kiribati	Kiribati	KI	KIR	X	
Korea (the Democratic People's Republic of)	Corée (la République populaire démocratique de)	KP	PRK	X	
Korea (the Republic of)	Corée (la République de)	KR	KOR	X	
Kuwait	Koweït	KW	KWT	X	
Kyrgyzstan	Kirghizistan	KG	KGZ	X	
Lao People's Democratic Republic	Lao (la République démocratique populaire)	LA	LAO	X	
Latvia	Lettonie	LV	LVA	X	
Lebanon	Liban	LB	LBN	X	
Lesotho	Lesotho	LS	LSO	X	
Liberia	Libéria	LR	LBR	X	
Libya	Libye	LY	LBY	X	
Liechtenstein	Liechtenstein	LI	LIE		x
Lithuania	Lituanie	LT	LTU	X	
Luxembourg	Luxembourg	LU	LUX		x
Macao	Macao	MO	MAC	X	
Madagascar	Madagascar	MG	MDG	X	
Malawi	Malawi	MW	MWI	X	
Malaysia	Malaisie	MY	MYS	X	
Maldives	Maldives	MV	MDV	X	
Mali	Mali	ML	MLI	X	
Malta	Malte	MT	MLT	X	
Marshall Islands	Marshall (les îles)	MH	MHL		x
Martinique	Martinique	MQ	MTQ		x
Mauritania	Mauritanie	MR	MRT	X	
Mauritius	Maurice	MU	MUS	X	
Mayotte	Mayotte	YT	MYT		x
Mexico	Mexique	MX	MEX		x
Micronesia (Federated States of)	Micronésie (États fédérés de)	FM	FSM		x
Moldova (the Republic of)	Moldova (la République de)	MD	MDA	X	
Monaco	Monaco	MC	MCO	X	
Mongolia	Mongolie	MN	MNG	X	
Montenegro	Monténégro	ME	MNE	X	
Montserrat	Montserrat	MS	MSR	X	
Morocco	Maroc	MA	MAR	X	
Mozambique	Mozambique	MZ	MOZ	X	
Myanmar	Myanmar	MM	MMR	X	
Namibia	Namibie	NA	NAM	X	
Nauru	Nauru	NR	NRU	X	

HORIZON - Countries with primary and secondary data

English short name	French short name	ISO2	ISO3	Postal Code	Full Address
Nepal	Népal	NP	NPL	X	
Netherlands	Pays-Bas	NL	NLD		X
Netherlands Antilles	Netherlands Antilles	AN	ANT	X	
New Caledonia	Nouvelle-Calédonie	NC	NCL	X	
New Zealand	Nouvelle-Zélande	NZ	NZL		X
Nicaragua	Nicaragua	NI	NIC	X	
Niger	Niger	NE	NER	X	
Nigeria	Nigéria	NG	NGA	X	
Niue	Niue	NU	NIU	X	
Norfolk Island	Norfolk (l'Île)	NF	NFK	X	
North Macedonia	Macédoine du Nord	MK	MKD	X	
Northern Mariana Islands	Mariannes du Nord (les Îles)	MP	MNP		x
Norway	Norvège	NO	NOR	X	
Oman	Oman	OM	OMN	X	
Pakistan	Pakistan	PK	PAK	X	
Palau	Palaos	PW	PLW		x
Palestine, State of	Palestine, État de	PS	PSE	X	
Panama	Panama	PA	PAN	X	
Papua New Guinea	Papouasie-Nouvelle-Guinée	PG	PNG	X	
Paraguay	Paraguay	PY	PRY	X	
Peru	Pérou	PE	PER	X	
Philippines	Philippines	PH	PHL	X	
Pitcairn	Pitcairn	PN	PCN	X	
Poland	Pologne	PL	POL	X	
Portugal	Portugal	PT	PRT	X	
Puerto Rico	Porto Rico	PR	PRI		x
Qatar	Qatar	QA	QAT	X	
Réunion	Réunion	RE	REU		x
Romania	Roumanie	RO	ROU	X	
Russian Federation	Russie (la Fédération de)	RU	RUS	X	
Rwanda	Rwanda	RW	RWA	X	
Saint Barthélemy	Saint-Barthélemy	BL	BLM		x
Saint Helena, Ascension and Tristan da Cunha	Sainte-Hélène, Ascension et Tristan da Cunha	SH	SHN	X	
Saint Kitts and Nevis	Saint-Kitts-et-Nevis	KN	KNA	X	
Saint Lucia	Sainte-Lucie	LC	LCA	X	
Saint Martin (French part)	Saint-Martin (partie française)	MF	MAF		x
Saint Pierre and Miquelon	Saint-Pierre-et-Miquelon	PM	SPM	X	

HORIZON - Countries with primary and secondary data

English short name	French short name	ISO2	ISO3	Postal Code	Full Address
Saint Vincent and the Grenadines	Saint-Vincent-et-les Grenadines	VC	VCT	X	
Samoa	Samoa	WS	WSM	X	
San Marino	Saint-Marin	SM	SMR	X	
Sao Tome and Principe	Sao Tomé-et-Principe	ST	STP	X	
Saudi Arabia	Arabie saoudite	SA	SAU	X	
Senegal	Sénégal	SN	SEN	X	
Serbia	Serbie	RS	SRB	X	
Seychelles	Seychelles	SC	SYC	X	
Sierra Leone	Sierra Leone	SL	SLE	X	
Singapore	Singapour	SG	SGP	X	
Sint Maarten (Dutch part)	Saint-Martin (partie néerlandaise)	SX	SXM	X	
Slovakia	Slovaquie	SK	SVK	X	
Slovenia	Slovénie	SI	SVN	X	
Solomon Islands	Salomon (les Îles)	SB	SLB	X	
Somalia	Somalie	SO	SOM	X	
South Africa	Afrique du Sud	ZA	ZAF	X	
South Georgia and the South Sandwich Islands	Géorgie du Sud-et-les Îles Sandwich du Sud	GS	SGS	X	
South Sudan	Soudan du Sud	SS	SSD	X	
Spain	Espagne	ES	ESP	X	
Sri Lanka	Sri Lanka	LK	LKA	X	
Sudan	Soudan	SD	SDN	X	
Suriname	Suriname	SR	SUR	X	
Svalbard and Jan Mayen	Svalbard et l'Île Jan Mayen	SJ	SJM	X	
Sweden	Suède	SE	SWE	X	
Switzerland	Suisse	CH	CHE	X	
Syrian Arab Republic	République arabe syrienne	SY	SYR	X	
Taiwan (Province of China)	Taïwan (Province de Chine)	TW	TWN	X	
Tajikistan	Tadjikistan	TJ	TJK	X	
Tanzania, the United Republic of	Tanzanie (la République-Unie de)	TZ	TZA	X	
Thailand	Thaïlande	TH	THA	X	
Timor-Leste	Timor-Leste	TL	TLS	X	
Togo	Togo	TG	TGO	X	
Tokelau	Tokelau	TK	TKL	X	
Tonga	Tonga	TO	TON	X	
Trinidad and Tobago	Trinité-et-Tobago	TT	TTO	X	
Tunisia	Tunisie	TN	TUN	X	
Turkey	Turquie	TR	TUR	X	
Turkmenistan	Turkménistan	TM	TKM	X	

HORIZON - Countries with primary and secondary data

English short name	French short name	ISO2	ISO3	Postal Code	Full Address
Turks and Caicos Islands	Turks-et-Caïcos (les Îles)	TC	TCA	X	
Tuvalu	Tuvalu	TV	TUV	X	
Uganda	Ouganda	UG	UGA	X	
Ukraine	Ukraine	UA	UKR	X	
United Arab Emirates	Émirats arabes unis	AE	ARE	X	
United Kingdom	Royaume-Uni	GB	GBR		X
United States	États-Unis	US	USA		X
United States Minor Outlying Islands	Îles mineures éloignées des États-Unis	UM	UMI		X
Uruguay	Uruguay	UY	URY	X	
Uzbekistan	Ouzbékistan	UZ	UZB	X	
Vanuatu	Vanuatu	VU	VUT	X	
Venezuela (Bolivarian Republic of)	Venezuela (République bolivarienne du)	VE	VEN	X	
Viet Nam	Viet Nam	VN	VNM	X	
Virgin Islands (British)	Vierges britanniques (les Îles)	VG	VGB	X	
Virgin Islands (U.S.)	Vierges des États-Unis (les Îles)	VI	VIR		X
Wallis and Futuna	Wallis-et-Futuna	WF	WLF	X	
Western Sahara	Sahara occidental	EH	ESH	X	
Yemen	Yémen	YE	YEM	X	
Zambia	Zambie	ZM	ZMB	X	
Zimbabwe	Zimbabwe	ZW	ZWE	X	