

World Premium Points of Interest

Version 4.5

Release Notes

The World Premium Points of Interest (WPPOI) is an innovative addition to our data portfolio. Pitney Bowes is committed to continually develop and build upon this state of the art Points of Interest product for our customers. We have an exhaustive roadmap to ensure that we bring the best product to the market so our customers can derive highest value for their business support. This document contains information about Version 4.5 dataset. Complete documentation is located at our support site.

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UNITED STATES

www.pitneybowes.com/us Technical Support: http:// www.pitneybowes.com/us/ support.html

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Product Overview

The WPPOI data product provides the location of and details relating to a diverse set of business locations, leisure hot spots and geographic features. The locational accuracy of this data has been further enhanced using Pitney Bowes Premium Spectrum Enterprise Geocoding solution to provide the most accurate position for each Point of Interest available. The following are the features of the product:

- · It provides access to the largest, globally georeferenced POI dataset.
- The POIs (available in the product) are geocoded using Pitney Bowes comprehensive Global Geocoding capabilities.
- The POIs are classified using both the Pitney Bowes MiCode (providing a consumer-friendly classification across
 products) and the Standard Industrial Classification (SIC) codes.
 Please note that both these classifications are cross-referenced. The individual POI in the dataset have
 hierarchical relationships between themselves and others in their 'family'.
- · The taxonomy used (within the product) ensures ease of use and global consistency.

As a result, the dataset allows users to make informed decisions around risk analysis, access to services, retail or recreational facilities, location-based marketing and "find my nearest" searches.

POI Counts

COUNTRY BUNDLES	COUNTRIES	ISO3	POI Counts
Albania	Albania	ALB	4,240
Algeria	Algeria**	DZA	39,121
Angola	Angola	AGO	42,815
Argentina	Argentina	ARG	3,717,843
Australia†	Australia	AUS	1,240,665
Austria	Austria	AUT	617,163
Bahrain	Bahrain	BHR	20,820
Belarus	Belarus**	BLR	306
Belgium & Luxembourg	Belgium	BEL	1,791,708
Belgium & Luxembourg	Luxembourg	LUX	135,204
Benin	Benin	BEN	7,343
Bosnia & Herzegovina	Bosnia & Herzegovina**	він	1,413
Botswana	Botswana	BWA	12,674
Brazil	Brazil	BRA	9,261,670
Brunei	Brunei**	BRN	8,293
Bulgaria	Bulgaria**	BGR	9,194
Burkina Faso	Burkina Faso	BFA	13,498
Burundi	Burundi	BDI	2,677
Cameroon	Cameroon	CMR	27,279
Canada	Canada	CAN	2,262,144
Chile	Chile	CHL	173,053
China	China	CHN	9,191,093
Colombia	Colombia**	COL	106,701
Congo	Congo	COG	7,040

COUNTRY BUNDLES	COUNTRIES	ISO3	POI Counts
Costa Rica	Costa Rica**	CRI	52,491
Croatia	Croatia	HRV	155,464
Cyprus	Cyprus	CYP	77,227
Czech Republic	Czech Republic	CZE	1,479,697
Democratic Republic of Congo	Democratic Republic of Congo**	COD	16,091
Denmark	Denmark	DNK	635,059
Egypt	Egypt	EGY	101,157
El Salvador	El Salvador**	SLV	25,633
Estonia	Estonia	EST	193,023
Finland	Finland	FIN	518,480
France	Guadeloupe	GLP	41,271
France	Mayotte**	MYT	528
France	Reunion	REU	50,524
France	France	FRA	4,131,411
France	Monaco	МСО	743
France	Martinique	MTQ	39,228
France	French Guiana	GUF	8,184
France	Saint-Barthélemy**	BLM	2
France	Saint-Martin**	MAF	2
Gabon	Gabon	GAB	6,175
Germany	Germany	DEU	4,989,956
Ghana	Ghana	GHA	44,528
Great Britain	Great Britain	GBR	4,411,487
Greece	Greece	GRC	614,990
Guatemala	Guatemala**	GTM	35,122
Honduras	Honduras**	HND	9,650
Hong Kong	Hong Kong	HKG	380,285
Hungary	Hungary	HUN	521,026
Iceland	Iceland	ISL	95,084
India	India	IND	6,973,365
Indonesia	Indonesia	IDN	260,168
Iraq	Iraq	IRQ	5,993
Ireland	Ireland	IRL	305,302
Italy	Italy	ITA	6,629,553
Italy	Vatican City**	VAT	2
Italy	San Marino	SMR	3,328
Japan	Japan	JPN	4,439,872
Jordan	Jordan**	JOR	31,851
Kenya	Kenya	KEN	58,966
Kosovo	Kosovo**	xks	301
Kuwait	Kuwait	KWT	8,992
Latvia	Latvia	LVA	190,333
Lebanon	Lebanon	LBN	39,541
Lesotho	Lesotho	LSO	5,920

COUNTRY BUNDLES	COUNTRIES	ISO3	POI Counts
Lithuania	Lithuania	LTU	99,679
Macau	Macau	MAC	11,405
Macedonia	Macedonia**	MKD	1,861
Malawi	Malawi	MWI	21,859
Malaysia	Malaysia	MYS	117,914
Mali	Mali	MLI	16,515
Malta	Malta	MLT	44,007
Mauritania	Mauritania	MRT	3,635
Mauritius	Mauritius	MUS	94,019
Mexico	Mexico	MEX	1,067,938
Minor Americas	Anguilla**	AIA	3
Minor Americas	Aruba**	ABW	3
Minor Americas	Antigua And Barbuda**	ATG	4
Minor Americas	Bahamas**	внѕ	73
Minor Americas	Barbados**	BRB	100
Minor Americas	Bermuda**	вми	242
Minor Americas	Cuba**	CUB	350
Minor Americas	Cayman Islands**	CYM	39
Minor Americas	Dominica**	DMA	120
Minor Americas	Dominican Republic**	DOM	4,117
Minor Americas	Grenada**	GRD	132
Minor Americas	Haiti**	HTI	7
Minor Americas	Jamaica**	JAM	74
Minor Americas	Saint Lucia**	LCA	12
Minor Americas	Montserrat**	MSR	3
Minor Americas	Saint Kitts And Nevis**	KNA	71
Minor Americas	Turks And Caicos Islands**	TCA	12
Minor Americas	Trinidad And Tobago**	тто	33
Minor Americas	Saint Vincent And The Grenadines**	VCT	6
Minor Americas	British Virgin Islands**	VGB	11
Minor Americas	Saint-Barthélemy	BLM	2
Minor Americas	Saint-Martin	MAF	2
Moldova	Moldova**	MDA	220
Montenegro	Montenegro	MNE	32,755
Morocco	Morocco	MAR	438,275
Mozambique	Mozambique	MOZ	18,491
Namibia	Namibia	NAM	39,377
Netherlands	Bonaire, Sint Eustatius And Saba**	BES	5
Netherlands	Curaçao**	CUW	1
Netherlands	Netherlands	NLD	1,524,698
Netherlands	Sint Marten**	SXM	4
New Zealand	New Zealand	NZL	401,119
Nicaragua	Nicaragua**	NIC	11,931
Niger	Niger	NER	20,562

COUNTRY BUNDLES	COUNTRIES	ISO3	POI Counts
Nigeria	Nigeria	NGA	39,077
Norway	Norway	NOR	759,648
Oman	Oman	OMN	6,520
Panama	Panama**	PAN	11,816
Peru	Peru**	PER	106,528
Philippines	Philippines	PHL	352,498
Poland	Poland	POL	4,290,620
Portugal	Portugal	PRT	690,256
Qatar	Qatar	QAT	6,239
Romania	Romania	ROU	1,389,105
Russia	Russia	RUS	3,523,290
Rwanda	Rwanda	RWA	12,826
Saudi Arabia	Saudi Arabia	SAU	109,655
Senegal	Senegal	SEN	16,865
Serbia	Serbia**	SRB	25,761
Singapore	Singapore	SGP	314,533
Slovakia	Slovakia	SVK	464,679
Slovenia	Slovenia	SVN	176,704
South Africa	South Africa	ZAF	660,275
Spain	Gibraltar**	GIB	17
Spain	Spain	ESP	3,568,489
Spain	Andorra	AND	2,534
Swaziland	Swaziland	swz	3,560
Sweden	Sweden	SWE	1,402,093
Switzerland	Liechtenstein	LIE	7,842
Switzerland	Switzerland	CHE	610,097
Taiwan	Taiwan	TWN	377,752
Tanzania	Tanzania	TZA	24,291
Thailand	Thailand	THA	681,893
Togo	Togo	TGO	6,067
Tunisia	Tunisia	TUN	126,543
Turkey	Turkey	TUR	1,134,816
Uganda	Uganda	UGA	10,215
Ukraine	Ukraine	UKR	705,006
United Arab Emirates	United Arab Emirates	ARE	102,146
United States of America	United States Of America	USA	23,673,282
Uruguay	Uruguay	URY	8,247
Venezuela	Venezuela**	VEN	624
Vietnam	Vietnam**	VNM	693,173
Yemen	Yemen	YEM	3,618
Zambia	Zambia	ZMB	12,577
Zimbabwe	Zimbabwe	ZWE	13,694
Cumulative			116,379,119

** Business data coverage is limited in 49 countries.

Pitney Bowes understands that Australia has a significant volume of businesses that are self-employed, single operator, SOHO style businesses which are difficult to both monitor and ensure they are in business. Pitney Bowes is actively reviewing these businesses and will include those that we can positively identify as being "in business". However, we believe focusing on businesses with employees that will provide our clients the most significant points of interest for their use cases, applications and business success. Australia World Premium Points of interests is built to ensure we include businesses that employ 1 or more people, this ensures that Pitney Bowes provides a product that covers a business universe which contributes 85% of Australia's economic output.

Change Log

- Junk characters like (\, <, >, %, ^, ;;) have been removed from the data.
- Improvement in the geographic accuracy for USA, Canada, Great Britain and New Zealand.
- Improved Brand name standardization and has been standardised for respective countries:

Country	Brandname Counts
Australia	219
Canada	215
Great Britain	516
United States Of America	1949

· De-standardization of records with non-commercial or ceased brandnames in Great Britain.

For detail view click here

Known Issues

There are some known issues with the source data. We will strive to address these issues in subsequent releases in a timely fashion. Please contact Technical Support with any questions you may have.

This section covers known issues and behaviors that require further explanation:

- Some invalid values exist in the Name, areaName1, areaname2 and areaName, TradeName and Postcode
 column including instances where the Postcode column has values as 'zeroes'.
- Some diacritics are missing from the Name, TradeName, formattedAddress, mainAddressLine, addressLastLine, areaName1 and areaName3 columns.
- · Some duplicates may be encountered in the dataset.
- There are a few instances of text truncation exist for the Name, TradeName, Business_Line, areaName3, formattedAddress, mainAddressLine, Http, Email and areaName2 columns.
- There are a few instances where the Employee_Here (number of employees at the current location) count mismatches the Employee count (total number of employees).
- · There are a few instances that have inconsistent Status Code and Subsidiary Indicator mapping.
- The Email, Http, Ticker_symbol, and Exchange_Name columns are not populated for many countries.
- The SIC8 (code) descriptions are undergoing updates. As a result, some values may not have any or updated description(s) and may have been removed.
- The administrative layer names of countries are not standardized. As a result, some areaname4 values may be blank. There are a few instances where different variations of the same name are encountered in the areaName1 column.
- There are few mismatches in areaName1 and Stabb field as areaName1 is not necessarily the highest hierarchical administrative region, whereas, Stabb field is the highest available administrative region.
- · Mainaddressline and formattedaddress are not standardized in few records.
- There are a few instances where House number / Street Name is appearing twice in mainaddressline.
- · There are a few instances where the areaname3 is populated with the name of a different admin level.
- Two ISO3 (BLM, MAF) are included in both country bundles of France(FRA) and Minor Americas(MAM).
- Encounter some corrupted characters in following 15 countries; Argentina, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Netherlands, Norway, Poland, Portugal, Spain, Sweden, and Switzerland. This issue would be fixed by next release.
- · Brandname standardisation is work in progress, so this may encounter some minor discripencies.