

# StreetPro Classic and Display

Version 2019.09.0

Release Notes



# Table of Contents

## 1 - Introduction

---

Overview	4
StreetPro Variants	5

## 2 - What's New

---

What's new in this version	8
----------------------------	---

## 3 - Data Statistics

---

Overview	13
Austria	13
Belgium	15
Czech Republic	18
Denmark	20
Estonia	22
Finland	25
France	27
Germany	30
Hungary	32
Italy	35
Lithuania	37
Luxembourg	39
Macau	42
Malaysia	44
Malta	46
Netherlands	48
Norway	51
Philippines	53
Republic Of Ireland	55
Singapore	58
Slovakia	60
Slovenia	62

Spain	64
Sweden	67
Taiwan	69
Turkey	71

## 4 - Known Issues

---

Known Issue	75
-------------	----

## 5 - Copyright/Licensing Information

---

Copyright and Licensing Information	77
Getting Support	78

# 1 - Introduction

## In this section

---

Overview	4
StreetPro Variants	5

# Overview

This document outlines what's new in the datasets, the data statistics, and the known issues, if any, for current data release. For the latest product features and other details, see the StreetPro Classic and Display Product Guide, which is available at:

<http://www.pbinsight.com/support/product-documentation/details/streetpro>

## Benefits

- To maintain accuracy of the data used in your applications, this data update provides access to the very latest street level mapping.
- To provide your customers with detailed spatial information, show them simple maps of your locations, facilities and assets, and make savings through understanding your spread of customers, real estate, fleet of vehicles, workforce.
- To expand your coverage with StreetPro data that is available in the same format for over 75 countries, contact your local Pitney Bowes reseller or visit [www.pitneybowes.com/us](http://www.pitneybowes.com/us) for more details.
- To stay up to the minute, you can deploy StreetPro® with the very latest Pitney Bowes software packages, using a range of provided workspace formats.

## Features

- Over 40 layers of data structured logically to help you choose what is important and useful for your particular application.
- Workspaces are pre-defined and included. These can take the form of any of the following: WOR files for use with MapInfo Professional, or MWS files for use with MapXtreme, and Spectrum Spatial support for opening StreetPro data in Pitney Bowes Spectrum Spatial Software. The inclusion of the workspaces mean that you can benefit from Pitney Bowes' data expertise by accessing them straight away to get data loaded, and in use immediately.

## Metadata

- A metadata xml file; 'SPro\_Metadata\_XXXX\_MM.xml' is included to provide information about the data.

**Note:** In the above statement XXXX denotes the year and MM denotes month.

- A stylesheet is included to make the metadata xml file easier to read and understand.
- StreetPro metadata xml files are ISO 19139-compliant

## StreetPro Variants

The StreetPro product suit consists of the following variants:

### ***StreetPro Display***

StreetPro Display (1:10,000 scale) combines the most comprehensive national road network in the world with a large-scale digital map base. Street networks are chained for fast rendering with no loss of detail and split by road classification layers to enhance map display. Multiple layers of information including railways, international and administrative boundaries, urban areas, comprehensive geographical points of interest, coastlines, waterbodies, land cover and gazetteers provide a foundation for map production and enable fast display of background reference maps. Equal maintenance of both metropolitan and regional areas ensures consistent coverage on a national scale. StreetPro Display enables complete, country-wide mapping for more than 100 countries.

Visit <https://www.pitneybowes.com/us/data/street-data/contextual-map-data.html> for more information.

### ***StreetPro Classic***

StreetPro Classic (1:10,000 scale), combines all the StreetPro Display features with authoritative address ranges on each segment, providing a foundation for: Map production, Routing (where absolute route accuracy is not required), Low volume geocoding, Low resolution reverse geocoding, Business analysis, and more.

Visit <https://www.pitneybowes.com/us/data/street-data/address-data.html> for more information.

### ***StreetPro Navigation Premium***

StreetPro Navigation Premium (1:10,000 scale) combines all the StreetPro Classic features with premium navigational information that adds the ability to calculate the most precise, efficient route between points on a road network, taking average speed profiles for time of day and vehicle height, width, and weight restrictions into account.

Visit <https://www.pitneybowes.com/us/data/street-data/road-travel-data.html> for more information.

### ***StreetPro Traffic***

StreetPro Traffic (1:10,000 scale) aligns probe data collected from mobile and navigation devices with StreetPro street segments to provide indicative traffic volumes by time of day, day of week and month. This add-on pack is compatible with StreetPro Navigation Premium.

Visit <https://www.pitneybowes.com/us/data/street-data/traffic-data.html> for more information.

### ***World StreetPro***

World StreetPro is designed for state and country-wide mapping where a comprehensive and small-scale reference layer is required. This intermediate-level digital map base includes roads,

railways, international and administrative boundaries, urban areas, coastlines, water bodies, land cover, and gazetteers layers for around 240 countries. Suitable applications include graphic output, backdrop mapping and route

planning. World StreetPro product or data is intended for use at a nominal scale of 1:500,000.

Visit <https://www.pitneybowes.com/us/data/street-data/road-data.html> for more information.

# 2 - What's New

## In this section

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What's new in this version

8

## What's new in this version

Following are the country specific updates that have been implemented in this release:

### **Austria**

- Missing National and Regional Parks are added based on the source Protected Planet. National and Regional Parks which were already present in the data are not yet reviewed and updated, this will be planned in 2020. The definition and scope of National or Regional Park is based on the attributes 'IUCN class' and 'Designation' in Protected Planet.
- House Number Ranges were updated for 700 km of road geometry.
- Street Names were updated for 800 km of road geometry.
- More than 500 km of new roads added across the country.
- Around 4518 LandUse have been updated.

### **Belgium**

- Missing National and Regional Parks are added based on the source Protected Planet. National and Regional Parks which were already present in the data are not yet reviewed and updated, this will be planned in 2020. The definition and scope of National or Regional Park is based on the attributes 'IUCN class' and 'Designation' in Protected Planet.
- House Number Ranges were updated for 2700 km of road geometry.
- Around 1421 LandUse have been updated.

### **Czech Republic**

- House Number Ranges were updated for 1100 km of road geometry.
- Around 1414 LandUse have been updated.

### **Germany**

- House Number Ranges were updated for 36000 km of road geometry.
- More than 12000 km of new roads added across the country.
- Around 24962 LandUse have been updated.

### **Denmark**

- House Number Ranges were updated for 19800 km of road geometry.
- 590 Admin Areas have been added.
- Around 791 LandUse have been updated.

### **Spain**

- Approximately 135000 km of new roads have been added across the country.
- House Number Ranges have been updated for 18500 km of road geometry.
- 6 Admin Areas have been added.



- Around 2459 LandUse have been updated.

### **Estonia**

- Around 83 LandUse have been updated.

### **Finland**

- House Number Ranges were updated for 62400 km of road geometry.
- Street Names were updated for 2200 km of road geometry.
- Approximately 270 km of new roads have been added across the country.
- Speed Restrictions updated for over 2000 km roads.
- Around 396 LandUse have been updated.

### **France**

- House Number Ranges were updated for 52600 km of road geometry.
- Around 6651 of LandUse areas have been updated.
- To improve the Addressing offering, 620000 new City Centers of type hamlet were added. These mainly represent real-world "Lieux-dits"(Localities).

### **Hungary**

- House Number Ranges were updated for 10176 km of road geometry.
- Street Names were updated for 596 km of road geometry.
- Approximately 200 km of new roads have been added across the country.
- Around 699 LandUse have been updated.

### **Ireland**

- House Number Ranges were updated for 3937 km of road geometry.
- Approximately 230 km of new roads have been added across the country.
- Around 93 LandUse have been updated.

### **Italy**

- Approximately 4500 km of new roads have been added across the country.
- House Number Ranges were updated for 36649 km of road geometry.
- Street Names were updated for 7751 km of road geometry
- Around 4281 LandUse have been updated.

### **Lithuania**

- House Number Ranges were updated for 39485 km of road geometry.
- Approximately 8200 km of new roads have been added across the country.
- Around 320 LandUse have been updated.

### **Luxembourg**

- Missing National and Regional Parks are added based on the source Protected Planet. National and Regional Parks which were already present in the data are not yet reviewed and updated, this will be planned in 2020. The definition and scope of National or Regional Park is based on the attributes 'IUCN class' and 'Designation' in Protected Planet.
- Around 195 LandUse have been updated.

### **Macau**

- The maritime country border has partly been updated.
- Country border has been updated.
- Around 9 LandUse have been updated.

### **Malta**

- Missing National and Regional Parks are added based on the source Protected Planet. National and Regional Parks which were already present in the data are not yet reviewed and updated, this will be planned in 2020. The definition and scope of National or Regional Park is based on the attributes 'IUCN class' and 'Designation' in Protected Planet.
- A single LandUse have been updated.

### **Malaysia**

- Approximately 10000 km of roads have been added across the country.
- House Number Ranges were created or updated i.e. around 1584 kms of road elements.
- House numbers were updated for 1483 km of road geometry.
- Street Names were updated for 494 km of road geometry.
- Around 433 LandUse have been updated.

### **Netherlands**

- Street Names were updated for 1897 km of road geometry.
- Approximately 1300 km of new roads have been added across the country.
- House Number Ranges were updated for 4600 km of road geometry.
- Around 1470 LandUse have been updated.

### **Norway**

- House Number Ranges were updated for 11700 km of road geometry.
- Street Names were updated for 8000 km of road geometry.
- Around 1128 LandUse have been updated.

### **Philippines**

- Approximately 11000 km of roads have been added across the country.
- Street Names were updated for 682 km of road geometry.
- Around 5574 LandUse have been updated.

### **Poland**

- House Number Ranges were updated for 10528 km of road geometry.
- Approximately 3800 km of new roads have been added across the country.
- Approximately 1060 traffic restrictions have been updated.
- Missing National and Regional Parks are added based on the source Protected Planet. National and Regional Parks which were already present in the data are not yet reviewed and updated, this will be planned in 2020. The definition and scope of National or Regional Park is based on the attributes 'IUCN class' and 'Designation' in Protected Planet.
- Around 2500 LandUse have been updated.

### **Slovakia**

- Missing National and Regional Parks are added based on the source Protected Planet. National and Regional Parks which were already present in the data are not yet reviewed and updated, this will be planned in 2020. The definition and scope of National or Regional Park is based on the attributes 'IUCN class' and 'Designation' in Protected Planet.
- Approximately 3500 km of roads have been added across the country.
- House Number Ranges were updated for 2259 km of road geometry.
- Around 381 LandUse have been updated.

### **Slovenia**

- Missing National and Regional Parks are added based on the source Protected Planet. National and Regional Parks which were already present in the data are not yet reviewed and updated, this will be planned in 2020. The definition and scope of National or Regional Park is based on the attributes 'IUCN class' and 'Designation' in Protected Planet.
- New Street Names have been added on approximately 250 km of roads across the country.
- Around 424 LandUse have been updated

### **Sweden**

- House Number Ranges were updated for 42479 km of road geometry.
- Street Names were updated for 2039 km of road geometry.
- Approximately 3200 km of new roads have been added across the country.
- Around 2757 LandUse have been updated

### **Turkey**

- House Number Ranges were updated for 22418 km of road geometry.
- Street Names were updated for 12289 km of road geometry.
- Around 1019 LandUse have been updated

### **Taiwan**

- Approximately 25700 km of new roads were added across the country.
- House numbers were updated for 13679 km of road geometry.
- Street Names were updated for 234 km of road geometry.
- Around 5097 LandUse have been updated.

# 3 - Data Statistics

## In this section

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Overview	13
Austria	13
Belgium	15
Czech Republic	18
Denmark	20
Estonia	22
Finland	25
France	27
Germany	30
Hungary	32
Italy	35
Lithuania	37
Luxembourg	39
Macau	42
Malaysia	44
Malta	46
Netherlands	48
Norway	51
Philippines	53
Republic Of Ireland	55
Singapore	58
Slovakia	60
Slovenia	62
Spain	64
Sweden	67
Taiwan	69
Turkey	71

## Overview

This section provides the feature counts and street length information for each country covered in this release.

## Austria

Following are the stats for Austria.

**Table 1: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
austa0	Administrative Level 0	Austria	65	65
austa1	Administrative Level 1	Bundesland	9	9
austa2	Administrative Level 2	Bezirk	94	94
austa3	Administrative Level 3	Gemeinde	2098	2096
austa4	Administrative Level 4	Stadtteil	23	23
austaa	Address Areas	NA	207	207
austap	Airports	NA	14	16
austb	Business Locations	NA	261350	279731
austcr	Crossroads	NA	223801	226203
austf	Ferry Routes	NA	24	24
austfi	Freeway Interchanges	NA	1073	1086
austfr	Frontier Crossings	NA	176	176

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
austg1	Gazetteer Level 1	NA	1	1
austg2	Gazetteer Level 2	NA	8	8
austg3	Gazetteer Level 3	NA	72	72
austg4	Gazetteer Level 4	NA	170	170
austg5	Gazetteer Level 5	NA	1869	1867
austg6	Gazetteer Level 6	NA	12788	12787
austgf	Gazetteer Full	NA	14908	14905
austlc	Land Cover	NA	17486	17486
austlu	Land Use	NA	2182	6700
austnf	Natural Features	NA	1576	1730
austow	Oneways	NA	21237	22065
austp	Parking	NA	4115	4176
austpu	Public Locations	NA	37256	40108
austr	Railways	NA	2093	2098
austre	Recreation Places	NA	10930	12812
austst	Stations	NA	1630	2893
austu	Urban Areas	NA	13568	13574
austwm	Water Major	NA	60	1941
austw	Water	NA	1846	60
austzl	Additional Names	NA	25321	28940

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
austzp	Address detail for Points	NA	304117	326365

**Table 2: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
austs1	Street Level 1	4862.89	4945.63
austs2	Street Level 2	10438.7	10459.34
austs3	Street Level 3	17040.91	16910.75
austs4	Street Level 4	25346.47	25550.85
austs5	Street Level 5	162071.51	173848.27
austs6	Street Level 6	31805.6	33441.12

## Belgium

Following are the stats for Belgium.

**Table 3: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
belga0	Administrative Level 0	Belgium	32	32
belga1	Administrative Level 1	Gewest	3	3
belga2	Administrative Level 2	Provincie	11	11
belga3	Administrative Level 3	Arondissement	43	43

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
belga4	Administrative Level 4	Gemeente	589	581
belga5	Administrative Level 5	Deelgemeente	2686	2686
belgaa	Address Areas	NA	45	45
belgap	Airports	NA	6	15
belgb	Business Locations	NA	500654	537032
belgcr	Crossroads	NA	249485	249978
belgf	Ferry Routes	NA	38	38
belgfi	Freeway Interchanges	NA	854	865
belgfr	Frontier Crossings	NA	71	71
belgg1	Gazetteer Level 1	NA	1	1
belgg2	Gazetteer Level 2	NA	2	2
belgg3	Gazetteer Level 3	NA	40	39
belgg4	Gazetteer Level 4	NA	475	468
belgg5	Gazetteer Level 5	NA	2186	2194
belgg6	Gazetteer Level 6	NA	1414	1413
belggf	Gazetteer Full	NA	4118	4117
belglc	Land Cover	NA	2486	2485
belglu	Land Use	NA	2376	3797
belgnf	Natural Features	NA	150	282
belgow	Oneways	NA	43850	46656



Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
belgp	Parking	NA	2227	2347
belgpu	Public Locations	NA	102245	113122
belgr	Railways	NA	2883	2884
belgre	Recreation Places	NA	17585	43622
belgst	Stations	NA	66122	72483
belgu	Urban Areas	NA	3754	3755
belgwm	Water Major	NA	41	5741
belgw	Water	NA	5602	41
belgzl	Additional Names	NA	105162	110262
belgzp	Address detail for Points	NA	629847	698802

**Table 4: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
belgs1	Street Level 1	3997.14	4004.10
belgs2	Street Level 2	6969.51	6534.03
belgs3	Street Level 3	7329.58	7150.47
belgs4	Street Level 4	19657.23	20275.89
belgs5	Street Level 5	80115.1	85833.44
belgs6	Street Level 6	5235.96	14466.49

# Czech Republic

Following are the stats for Czech Republic.

**Table 5: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
czeca0	Administrative Level 0	czecan	60	60
czeca1	Administrative Level 1	Province	14	14
czeca2	Administrative Level 2	County	77	77
czeca3	Administrative Level 3	District	6258	6258
czeca4	Administrative Level 4	NA	142	142
czecaa	Address Areas	NA	4	4
czecap	Airports	NA	9	16
czecb	Business Locations	NA	69275	98812
czeccr	Crossroads	NA	144447	146171
czecf	Ferry Routes	NA	10	10
czecfi	Freeway Interchanges	NA	758	780
czecfr	Frontier Crossings	NA	172	174
czecg1	Gazetteer Level 1	NA	1	1
czecg2	Gazetteer Level 2	NA	12	12
czecg3	Gazetteer Level 3	NA	59	59
czecg4	Gazetteer Level 4	NA	198	198

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
czecg5	Gazetteer Level 5	NA	6121	6121
czecg6	Gazetteer Level 6	NA	10015	10014
czecgf	Gazetteer Full	NA	16406	16405
czeclc	Land Cover	NA	22688	22672
czeclu	Land Use	NA	1448	2862
czecnf	Natural Features	NA	3430	4037
czecow	Oneways	NA	30911	32368
czecp	Parking	NA	9608	9840
czecpu	Public Locations	NA	61553	74778
czecr	Railways	NA	1176	1180
czecre	Recreation Places	NA	14707	21666
czecst	Stations	NA	10564	11282
czecu	Urban Areas	NA	15357	15353
czecwm	Water Major	NA	66	7616
czecw	Water	NA	7576	69
czeczl	Additional Names	NA	22745	6270
czeczp	Address detail for Points	NA	163335	211843

**Table 6: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
czecs1	Street Level 1	4782.84	4970.94
czecs2	Street Level 2	7851.79	7903.67
czecs3	Street Level 3	12580.79	12568.79
czecs4	Street Level 4	34702.48	34859.90
czecs5	Street Level 5	86430.38	93793.49
czecs6	Street Level 6	28048.9	98906.25

## Denmark

Following are the stats for Denmark.

**Table 7: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
dnmka0	Administrative Level 0	Denmark	121	711
dnmka1	Administrative Level 1	Region	5	5
dnmka2	Administrative Level 2	Kommune	99	99
dnmkaa	Address Areas	NA	219	219
dnmkap	Airports	NA	20	20
dnmkb	Business Locations	NA	164705	154270
dnmkcr	Crossroads	NA	198485	198942

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
dnmkf	Ferry Routes	NA	184	184
dnmkfi	Freeway Interchanges	NA	469	479
dnmkfr	Frontier Crossings	NA	8	8
dnmkg1	Gazetteer Level 1	NA	1	1
dnmkg2	Gazetteer Level 2	NA	4	4
dnmkg3	Gazetteer Level 3	NA	90	90
dnmkg4	Gazetteer Level 4	NA	484	484
dnmkg5	Gazetteer Level 5	NA	8410	8408
dnmkg6	Gazetteer Level 6	NA	2889	2891
dnmkgf	Gazetteer Full	NA	11878	11878
dnmklc	Land Cover	NA	6804	6799
dnmklu	Land Use	NA	796	1587
dnmknf	Natural Features	NA	12408	12640
dnmkow	Oneways	NA	6345	7724
dnmkp	Parking	NA	2375	2426
dnmkpu	Public Locations	NA	24671	24751
dnmkr	Railways	NA	197	197
dnmkre	Recreation Places	NA	14315	15304
dnmkst	Stations	NA	30944	31367
dnmku	Urban Areas	NA	8991	8991

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
dnmkwm	Water Major	NA	155	8176
dnmkw	Water	NA	8076	154
dnmkzl	Additional Names	NA	5855	13172
dnmkzp	Address detail for Points	NA	185796	178437

**Table 8: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
dnmks1	Street Level 1	2943.76	2965.24
dnmks2	Street Level 2	4831.63	4944.92
dnmks3	Street Level 3	3875.74	7269.55
dnmks4	Street Level 4	7296.02	7319.17
dnmks5	Street Level 5	105278.68	114913.80
dnmks6	Street Level 6	23161.56	30110.20

## Estonia

Following are the stats for Estonia.

**Table 9: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
estia0	Administrative Level 0	Estonia	94	94

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
estia1	Administrative Level 1	Maakond	17	17
estia2	Administrative Level 2	Linn	81	81
estia3	Administrative Level 3	Linnosa	4706	4706
estiaa	Address Areas	NA	NA	8
estiap	Airports	NA	8	10842
estib	Business Locations	NA	10373	29111
esticr	Crossroads	NA	29106	20
estif	Ferry Routes	NA	19	58
estifi	Freeway Interchanges	NA	57	16
estifr	Frontier Crossings	NA	16	1
estig1	Gazetteer Level 1	NA	1	14
estig2	Gazetteer Level 2	NA	14	50
estig3	Gazetteer Level 3	NA	51	138
estig4	Gazetteer Level 4	NA	138	4504
estig5	Gazetteer Level 5	NA	4503	208
estig6	Gazetteer Level 6	NA	208	4915
estigf	Gazetteer Full	NA	4915	1700
estilc	Land Cover	NA	1700	544
estilu	Land Use	NA	461	5735
estinf	Natural Features	NA	2601	2269

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
estiow	Oneways	NA	2264	2761
estip	Parking	NA	2635	11710
estipu	Public Locations	NA	11590	152
estir	Railways	NA	152	8066
estire	Recreation Places	NA	8032	14371
estist	Stations	NA	14363	3483
estiu	Urban Areas	NA	3483	4505
estiw	Water	NA	4502	150869
estiw	Water Major	NA	22	22
estizl	Additional Names	NA	1033	1893
estizp	Address detail for Points	NA	45258	45768

**Table 10: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
estis1	Street Level 1	580.45	582.03
estis2	Street Level 2	1608.03	1629.08
estis3	Street Level 3	2534.88	2559.96
estis4	Street Level 4	12927.83	2559.96
estis5	Street Level 5	60669.96	12956.01
estis6	Street Level 6	1004.54	60841.28



# Finland

Following are the stats for Finland.

**Table 11: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
fina0	Administrative Level 0	finan	394	394
fina1	Administrative Level 1	Province	19	19
fina2	Administrative Level 2	County	311	311
finaa	Address Areas	NA	6	6
finap	Airports	NA	36	34
finb	Business Locations	NA	76093	106187
fincr	Crossroads	NA	295307	301331
finf	Ferry Routes	NA	322	362
finfi	Freeway Interchanges	NA	743	775
finfr	Frontier Crossings	NA	16	16
fing1	Gazetteer Level 1	NA	1	1
fing2	Gazetteer Level 2	NA	17	17
fing3	Gazetteer Level 3	NA	161	155
fing4	Gazetteer Level 4	NA	596	588
fing5	Gazetteer Level 5	NA	5277	5346
fing6	Gazetteer Level 6	NA	126745	126724

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
finf	Gazetteer Full	NA	132797	132831
finlc	Land Cover	NA	17369	17359
finlu	Land Use	NA	6685	7081
finnf	Natural Features	NA	170	286
finow	Oneways	NA	3770	4063
finp	Parking	NA	1159	1254
finpu	Public Locations	NA	16693	19312
finr	Railways	NA	1010	1010
finre	Recreation Places	NA	3081	7693
finst	Stations	NA	90448	92895
finu	Urban Areas	NA	6054	6112
finwm	Water Major	NA	212	212
finw	Water	NA	38394	38415
finzl	Additional Names	NA	21151	26288
finzp	Address detail for Points	NA	182843	220341

**Table 12: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
finls1	Street Length	9465.16	9508.50
finls2	Street Length	8607.82	8623.45

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
finls3	Street Length	45621.2	12145.81
finls4	Street Length	22439.22	56215.46
finls5	Street Length	374726.99	412841.20
finls6	Street Length	88211.8	98511.43

## France

Following are the stats for france.

**Table 13: Feature Counts Comparison**

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
frana0	Administrative Level 0	france	407	407
frana1	Administrative Level 1	Région	14	14
frana2	Administrative Level 2	Département	97	97
frana3	Administrative Level 3	Commune	35112	34861
frana4	Administrative Level 4	Arrondissement Communal	2016	2383
franaa	Address Areas	NA	3393	3391
franap	Airports	NA	203	135
franb	Business Locations	NA	2838155	1508122
francr	Crossroads	NA	2546524	2672448

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
franf	Ferry Routes	NA	792	805
franfi	Freeway Interchanges	NA	7852	7613
franfr	Frontier Crossings	NA	188	103
frang1	Gazetteer Level 1	NA	2	1
frang2	Gazetteer Level 2	NA	12	12
frang3	Gazetteer Level 3	NA	83	83
frang4	Gazetteer Level 4	NA	1963	1970
frang5	Gazetteer Level 5	NA	34490	34469
frang6	Gazetteer Level 6	NA	81216	699683
frangf	Gazetteer Full	NA	117766	736218
franlc	Land Cover	NA	54593	54584
franlu	Land Use	NA	24325	30976
frannf	Natural Features	NA	5980	3205
franow	Oneways	NA	310487	318752
franp	Parking	NA	21587	11173
franpu	Public Locations	NA	665381	349577
franr	Railways	NA	5030	5036
franre	Recreation Places	NA	123362	66574
franst	Stations	NA	49807	26774
franu	Urban Areas	NA	88902	88902

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
franw	Water Major	NA	25530	25973
franwm	Water	NA	383	383
franx1	Addressed street segments	NA	8445916	11978348
franxl	Additional Names	NA	375194	388176
franxp	Address details for points	NA	3332205	3393092

**Table 14: Streets Length Comparison**

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
frans1	Street Length	33665.31218	33122.55
frans2	Street Length	51097.59973	51952.71
frans3	Street Length	112647.5053	112788.23
frans4	Street Length	268919.6295	269343.40
frans5	Street Length	1160004.211	1181051.45
frans6	Street Length	127668.1984	131534.91

# Germany

Following are the stats for Germany.

**Table 15: Feature Counts Comparison**

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
deuta0	Administrative Level 0	deutschland	276	276
deuta1	Administrative Level 1	Bundesland	16	16
deuta2	Administrative Level 2	Kreis	401	401
deuta3	Administrative Level 3	Gemeinde	11088	11058
deuta4	Administrative Level 4	Stadteil	1484	1484
deutaa	Address Areas	NA	2261	2260
deutap	Airports	NA	492	488
deutb	Business Locations	NA	2047043	2130519
deutcr	Crossroads	NA	2095466	2098814
deutf	Ferry Routes	NA	569	566
deutfi	Freeway Interchanges	NA	7275	7316
deutfr	Frontier Crossings	NA	354	353
deutg1	Gazetteer Level 1	NA	1	1
deutg2	Gazetteer Level 2	NA	21	21
deutg3	Gazetteer Level 3	NA	347	344
deutg4	Gazetteer Level 4	NA	2590	2593

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
deutg5	Gazetteer Level 5	NA	9483	9327
deutg6	Gazetteer Level 6	NA	77751	97469
deutgf	Gazetteer Full	NA	90193	109755
deutlc	Land Cover	NA	86905	86897
deutlu	Land Use	NA	14056	39018
deutnf	Natural Features	NA	728	732
deutow	Oneways	NA	129853	134611
deutp	Parking	NA	29470	29570
deutpu	Public Locations	NA	398633	406131
deutr	Railways	NA	5794	5788
deutre	Recreation Places	NA	91508	104561
deutst	Stations	NA	8548	14458
deutu	Urban Areas	NA	78498	78496
deutw	Water Major	NA	19907	19913
deutwm	Water	NA	438	438
deutzl	Additional Names	NA	1006387	1025609
deutzp	Address details for points	NA	2391249	2490922

**Table 16: Streets Length Comparison**

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
deuts1	Street Level 1	29945.98629	30049.34
deuts2	Street Level 2	50207.64729	50569.58
deuts3	Street Level 3	121086.6609	121962.01
deuts4	Street Level 4	147529.3953	147281.12
deuts5	Street Level 5	943628.0694	1288810.66
deuts6	Street Level 6	126081.7675	181059.30

## Hungary

Following are the stats for Hungary.

**Table 17: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
huna0	Administrative Level 0	hunan	66	66
huna1	Administrative Level 1	Province	20	20
huna2	Administrative Level 2	County	3155	3155
huna3	Administrative Level 3	District	24	24
hunaa	Address Areas	NA	2	2
hunap	Airports	NA	62	62
hunb	Business Locations	NA	199631	203644



Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
hunrcr	Crossroads	NA	184064	189312
hunf	Ferry Routes	NA	71	65
hunfi	Freeway Interchanges	NA	332	349
hunfr	Frontier Crossings	NA	95	96
hung1	Gazetteer Level 1	NA	1	1
hung2	Gazetteer Level 2	NA	18	18
hung3	Gazetteer Level 3	NA	0	259
hung4	Gazetteer Level 4	NA	259	2900
hung5	Gazetteer Level 5	NA	2899	2687
hung6	Gazetteer Level 6	NA	2491	5865
hungf	Gazetteer Full	NA	5668	16853
hunlc	Land Cover	NA	16857	2037
hunlu	Land Use	NA	1338	592
hunnf	Natural Features	NA	561	18848
hunow	Oneways	NA	18594	1214
hunp	Parking	NA	1075	54474
hunpu	Public Locations	NA	54299	806
hunr	Railways	NA	780	14244
hunre	Recreation Places	NA	14415	2339
hunst	Stations	NA	8566	8741

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
hunu	Urban Areas	NA	4615	4616
hunwm	Water Major	NA	60	2189
hunw	Water	NA	2162	60
hunzl	Additional Names	NA	6840	8951
hunzp	Address detail for Points	NA	257837	262165

**Table 18: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
hungs1	Street Level 1	3910.34	4015.43
hungs2	Street Level 2	5199.92	4475.45
hungs3	Street Level 3	4156.93	6303.86
hungs4	Street Level 4	21975.64	22028.62
hungs5	Street Level 5	82581.2	84219.00
hungs6	Street Level 6	4483.67	5076.24

# Italy

Following are the stats for Italy.

**Table 19: Feature Counts Comparison**

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
itala0	Administrative Level 0	italia	374	374
itala1	Administrative Level 1	Regione	22	22
itala2	Administrative Level 2	Provincia	109	109
itala3	Administrative Level 3	Comune	7964	7924
italaa	Address Areas	NA	5698	5697
italap	Airports	NA	69	72
italb	Business Locations	NA	1553017	1565385
italcr	Crossroads	NA	1635038	1657171
italf	Ferry Routes	NA	877	894
italfi	Freeway Interchanges	NA	7332	7357
italfr	Frontier Crossings	NA	36	35
italg1	Gazetteer Level 1	NA	3	3
italg2	Gazetteer Level 2	NA	19	19
italg3	Gazetteer Level 3	NA	89	89
italg4	Gazetteer Level 4	NA	2312	2320
italg5	Gazetteer Level 5	NA	5543	5495

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
ital6	Gazetteer Level 6	NA	60653	60692
italgf	Gazetteer Full	NA	68619	68618
itallc	Land Cover	NA	55654	55642
itallu	Land Use	NA	12236	16517
italnf	Natural Features	NA	4301	4365
italow	Oneways	NA	309216	314928
italp	Parking	NA	19449	19462
italpu	Public Locations	NA	208305	209952
italr	Railways	NA	2382	2388
italre	Recreation Places	NA	35326	47693
italst	Stations	NA	84905	87494
italu	Urban Areas	NA	36084	36054
italw	Water Major	NA	8027	8169
italwm	Water	NA	276	275
italzl	Additional Names	NA	171275	177105
italzp	Address details for points	NA	1862118	1889797

**Table 20: Streets Length Comparison**

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
itals1	Street Level 1	17883.86041	17740.15

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
itals2	Street Level 2	23727.61132	24036.04
itals3	Street Level 3	49391.87194	49480.78
itals4	Street Level 4	132740.694	133055.53
itals5	Street Level 5	760433.9782	765224.56
itals6	Street Level 6	79401.07746	84944.26

## Lithuania

Following are the stats for Lithuania.

**Table 21: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
litua0	Administrative Level 0	Lithuania	62	62
litua1	Administrative Level 1	Apskritis	10	10
litua2	Administrative Level 2	Rajono	60	61
litua3	Administrative Level 3	Senjunija	216	363
lituaa	Address Areas	NA	NA	7
lituap	Airports	NA	7	25017
litub	Business Locations	NA	24958	83159
litucr	Crossroads	NA	82824	12

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
lituf	Ferry Routes	NA	12	236
litufi	Freeway Interchanges	NA	230	37
litufr	Frontier Crossings	NA	37	1
litug1	Gazetteer Level 1	NA	1	9
litug2	Gazetteer Level 2	NA	9	42
litug3	Gazetteer Level 3	NA	48	208
litug4	Gazetteer Level 4	NA	199	1184
litug5	Gazetteer Level 5	NA	1145	14444
litug6	Gazetteer Level 6	NA	14484	15888
litugf	Gazetteer Full	NA	15886	7804
litulc	Land Cover	NA	7806	748
litulu	Land Use	NA	428	45
litunf	Natural Features	NA	40	2558
lituow	Oneways	NA	2333	947
litup	Parking	NA	959	5723
litupu	Public Locations	NA	5713	154
litur	Railways	NA	154	2378
liture	Recreation Places	NA	2441	389
litust	Stations	NA	387	1334
lituu	Urban Areas	NA	1337	2210

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
lituwm	Water Major	NA	22	22
lituw	Water	NA	2190	356975
lituzl	Additional Names	NA	771	1626
lituzp	Address detail for Points	NA	33206	33210

**Table 22: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
litus1	Street Level 1	2109.61	2143.19
litus2	Street Level 2	581.54	631.14
litus3	Street Level 3	5203.14	5178.25
litus4	Street Level 4	16865.88	16903.12
litus5	Street Level 5	73425.03	80935.09
litus6	Street Level 6	984.6	2082.81

## Luxembourg

Following are the stats for Luxembourg.

**Table 23: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
luxea0	Administrative Level 0	Luxembourg	7	7

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
luxea1	Administrative Level 1	District	12	12
luxea2	Administrative Level 2	Canton	105	102
luxea3	Administrative Level 3	Commune	522	522
luxeea	Address Areas	NA	13	13
luxiap	Airports	NA	1	1
luxeb	Business Locations	NA	31841	35543
luxecr	Crossroads	NA	14437	14559
luxef	Ferry Routes	NA	1	1
luxefi	Freeway Interchanges	NA	73	73
luxefr	Frontier Crossings	NA	19	19
luxeg1	Gazetteer Level 1	NA	1	1
luxeg2	Gazetteer Level 2	NA	11	11
luxeg3	Gazetteer Level 3	NA	20	22
luxeg4	Gazetteer Level 4	NA	11	9
luxeg5	Gazetteer Level 5	NA	609	609
luxeg6	Gazetteer Level 6	NA	58	58
luxegf	Gazetteer Full	NA	710	710
luxelc	Land Cover	NA	598	598
luxelu	Land Use	NA	330	525
luxenf	Natural Features	NA	47	56



Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
luxew	Oneways	NA	2190	2362
luxep	Parking	NA	291	314
luxepu	Public Locations	NA	5648	6302
luxer	Railways	NA	56	56
luxere	Recreation Places	NA	1464	1869
luxest	Stations	NA	66	150
luxeu	Urban Areas	NA	649	649
luxewm	Water Major	NA	1	87
luxew	Water	NA	78	1
luxezl	Additional Names	NA	4548	5862
luxezp	Address detail for Points	NA	37516	41908

**Table 24: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
luxes1	Street Level 1	310.97	311.59
luxes2	Street Level 2	331.04	334.93
luxes3	Street Level 3	714.26	716.72
luxes4	Street Level 4	2196.2	2203.17
luxes5	Street Level 5	5921.18	6111.54
luxes6	Street Level 6	400.55	486.44

# Macau

Following are the stats for Macau.

**Table 25: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
macaa0	Administrative Level 0	Macau	3	3
macaa1	Administrative Level 1	Special Administrative Region	1	1
macaa2	Administrative Level 2	Parish	1	8
macaap	Airports	NA	11	12
macab	Business Locations	NA	403	2662
macacr	Crossroads	NA	4110	2534
macaf	Ferry Routes	NA	12	12
macafi	Freeway Interchanges	NA	10	9
macafr	Frontier Crossings	NA	NA	3
macag2	Gazetteer Level 2	NA	NA	1
macag5	Gazetteer Level 5	NA	7	7
macag6	Gazetteer Level 6	NA	1	1
macagf	Gazetteer Full	NA	9	9
macalc	Land Cover	NA	6	6
macalu	Land Use	NA	70	79

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
macanf	Natural Features	NA	3	17
macaow	Oneways	NA	1362	1364
macap	Parking	NA	3	84
macapu	Public Locations	NA	443	1
macar	Railways	NA	NA	706
macare	Recreation Places	NA	48	236
macast	Stations	NA	63	338
macau	Urban Areas	NA	3	3
macawm	Water Major	NA	7	54
macaw	Water	NA	12	7
macazl	Additional Names	NA	6220	7320
macazp	Address detail for Points	NA	3520	3892

**Table 26: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
macas1	Street Level 1	44.96	33.81
macas2	Street Level 2	30.08	29.98
macas3	Street Level 3	75.6	75.53
macas4	Street Level 4	20.5	20.45
macas5	Street Level 5	283.1	281.09

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
acas6	Street Level 6	70.29	70.13

## Malaysia

Following are the stats for Malaysia.

**Table 27: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
malaa0	Administrative Level 0	Malaysia	264	274
malaa1	Administrative Level 1	Province	16	16
malaa2	Administrative Level 2	Local Municipality	104	104
malaa3	Administrative Level 3	Town Boundary	900	901
malaa4	Administrative Level 4	Suburb	48	48
malaap	Airports	NA	40	40
malab	Business Locations	NA	416938	500927
malacr	Crossroads	NA	245338	247736
malaf	Ferry Routes	NA	125	133
malafi	Freeway Interchanges	NA	1151	1212
malafv	Frontier Crossings	NA	16	16
malag1	Gazetteer Level 1	NA	1	1

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
malag2	Gazetteer Level 2	NA	18	17
malag3	Gazetteer Level 3	NA	87	87
malag4	Gazetteer Level 4	NA	564	562
malag5	Gazetteer Level 5	NA	236	235
malag6	Gazetteer Level 6	NA	21425	21427
malagf	Gazetteer Full	NA	22331	22329
malalc	Land Cover	NA	522	516
malalu	Land Use	NA	1900	2333
malanf	Natural Features	NA	121	113
malaow	Oneways	NA	30473	34744
malap	Parking	NA	5095	4718
malapcp	Postcode Points	NA	-	691
malapu	Public Locations	NA	68851	81080
malar	Railways	NA	82	59
malare	Recreation Places	NA	18971	20940
malast	Stations	NA	722	762
malau	Urban Areas	NA	588	580
malawm	Water Major	NA	68	67
malaw	Water	NA	2580	2697
malazl	Additional Names	NA	7429	15365

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
malazp	Address detail for Points	NA	499218	594037

**Table 28: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
malas1	Street Level 1	6668.76	6722.46
malas2	Street Level 2	12077.4	12136.78
malas3	Street Level 3	10678.94	11075.80
malas4	Street Level 4	15762.18	16075.23
malas5	Street Level 5	144585.46	156472.16
malas6	Street Level 6	800.46	975.59

## Malta

Following are the stats for Malta.

**Table 29: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
mltaa0	Administrative Level 0	Malta	5	5
mltaa1	Administrative Level 1	Island	2	2
mltaa2	Administrative Level 2	Kunsilli Lokali	68	68
mltaaa	Address Areas	NA	2	2

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
mltaap	Airports	NA	1	1
mltab	Business Locations	NA	5442	7205
mltacr	Crossroads	NA	13757	13627
mltaf	Ferry Routes	NA	18	18
mltafi	Freeway Interchanges	NA	15	15
mltag1	Gazetteer Level 1	NA	1	1
mltag2	Gazetteer Level 2	NA	9	9
mltag3	Gazetteer Level 3	NA	24	24
mltag4	Gazetteer Level 4	NA	2	2
mltag5	Gazetteer Level 5	NA	52	52
mltag6	Gazetteer Level 6	NA	33	33
mltagf	Gazetteer Full	NA	121	121
mltal	Land Use	NA	50	51
mltanf	Natural Features	NA	67	93
mltaow	Oneways	NA	3086	3667
mltap	Parking	NA	89	91
mltapu	Public Locations	NA	1684	1837
mltare	Recreation Places	NA	1241	1477
mltast	Stations	NA	14	71
mltau	Urban Areas	NA	87	87

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
mltawm	Water Major	NA	1	1
mltaw	Water	NA	1	1
mltazl	Additional Names	NA	887	2227
mltazp	Address detail for Points	NA	8280	10407

**Table 30: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
mltas2	Street Level 1	94.77	95.25
mltas3	Street Level 2	151.35	151.77
mltas4	Street Level 3	379.75	381.98
mltas5	Street Level 4	2645.6	2614.22
mltas6	Street Level 5	28.73	50.94

## Netherlands

Following are the stats for Netherlands.

**Table 31: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
netha0	Administrative Level 0	Netherlands	51	51
netha1	Administrative Level 1	Provincie	12	12



Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
netha2	Administrative Level 2	Gemeente	380	355
netha3	Administrative Level 3	Woonplaats	2499	2498
nethaa	Address Areas	NA	1	1
nethap	Airports	NA	27	28
nethb	Business Locations	NA	459018	554218
nethcr	Crossroads	NA	495666	499203
nethf	Ferry Routes	NA	308	308
nethfi	Freeway Interchanges	NA	1184	1201
nethfr	Frontier Crossings	NA	49	47
nethg1	Gazetteer Level 1	NA	1	1
nethg2	Gazetteer Level 2	NA	13	13
nethg3	Gazetteer Level 3	NA	360	336
nethg4	Gazetteer Level 4	NA	321	341
nethg5	Gazetteer Level 5	NA	2260	2265
nethg6	Gazetteer Level 6	NA	1330	1338
nethgf	Gazetteer Full	NA	4285	4294
nethlc	Land Cover	NA	2223	2218
nethlu	Land Use	NA	4243	5650
nethnf	Natural Features	NA	1240	1425
nethow	Oneways	NA	51368	53954

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
nethp	Parking	NA	5555	5872
nethpu	Public Locations	NA	97260	116952
nethr	Railways	NA	1820	1817
nethre	Recreation Places	NA	34850	45575
nethst	Stations	NA	43449	47226
nethu	Urban Areas	NA	2804	2805
nethwm	Water Major	NA	160	160
nethw	Water	NA	27648	28048
nethzl	Additional Names	NA	45294	63980
nethzp	Address detail for Points	NA	567538	678912

**Table 32: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
neths1	Street Level 1	5616.75	5658.18
neths2	Street Level 2	5245.91	5308.09
neths3	Street Level 3	12709.16	12809.97
neths4	Street Level 4	20898.41	20990.15
neths5	Street Level 5	111533.29	126694.22
neths6	Street Level 6	16036.9	38720.48

# Norway

Following are the stats for Norway.

**Table 33: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
nora0	Administrative Level 0	noran	1141	1139
nora1	Administrative Level 1	Province	19	19
nora2	Administrative Level 2	County	424	424
noraa	Address Areas	NA	35	35
norap	Airports	NA	58	58
norb	Business Locations	NA	118385	129219
norcr	Crossroads	NA	173210	196444
norf	Ferry Routes	NA	508	519
norfi	Freeway Interchanges	NA	897	924
norfr	Frontier Crossings	NA	22	22
norg1	Gazetteer Level 1	NA	1	1
norg2	Gazetteer Level 2	NA	18	18
norg3	Gazetteer Level 3	NA	183	183
norg4	Gazetteer Level 4	NA	315	293
norg5	Gazetteer Level 5	NA	2352	2119
norg6	Gazetteer Level 6	NA	81482	81866

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
norgf	Gazetteer Full	NA	84351	84480
norlc	Land Cover	NA	18171	18161
norlu	Land Use	NA	1029	2157
normf	Natural Features	NA	702	767
norow	Oneways	NA	3976	4015
norp	Parking	NA	1788	1867
norpu	Public Locations	NA	10998	13553
norr	Railways	NA	226	226
norre	Recreation Places	NA	2671	3996
norst	Stations	NA	19222	19655
noru	Urban Areas	NA	2862	2598
norwm	Water Major	NA	1213	1212
norw	Water	NA	63176	63317
norzl	Additional Names	NA	14920	46693
norzp	Address detail for Points	NA	114888	129808

**Table 34: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
norws1	Street Level 1	8590.6	8958.39
norws2	Street Level 2	12712.39	12637.98

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
norws3	Street Level 3	22701.03	22714.57
norws4	Street Level 4	7816.81	8045.66
norws5	Street Level 5	169116.73	177666.10
norws6	Street Level 6	25742.12	28286.85

## Philippines

Following are the stats for Philippines.

**Table 35: Feature Counts Comparison**

Table	Description	Local Names	Counts 2017.09.0	Counts 2018.09.0
phila0	Administrative Level 0	Philippines	549	554
phila1	Administrative Level 1	Barangay	17	17
phila2	Administrative Level 2	Municipality	82	82
phila3	Administrative Level 3	Province	1639	1639
phila4	Administrative Level 4	Region	42003	42003
philap	Airports	NA	97	90
philb	Business Locations	NA	238006	361864
philcr	Crossroads	NA	78755	81116
philf	Ferry Routes	NA	661	684

Table	Description	Local Names	Counts 2017.09.0	Counts 2018.09.0
philfi	Freeway Interchanges	NA	315	328
philfr	Frontier Crossings	NA	NA	1
philg1	Gazetteer Level 1	NA	1	28
philg2	Gazetteer Level 2	NA	29	63
philg3	Gazetteer Level 3	NA	63	1511
philg4	Gazetteer Level 4	NA	1510	40382
philgf	Gazetteer Full	NA	43699	1713
phillc	Land Cover	NA	NA	43698
phillu	Land Use	NA	4597	10171
philnf	Natural Features	NA	1527	1514
philow	Oneways	NA	11679	11872
philp	Parking	NA	688	792
philpcp	Postcode Points			265
philpu	Public Locations	NA	76370	89256
philr	Railways	NA	28	30
philre	Recreation Places	NA	16212	18461
philst	Stations	NA	5510	5735
philu	Urban Areas	NA	543	543
philwm	Water Major	NA	14	14
philw	Water	NA	449	490

Table	Description	Local Names	Counts 2017.09.0	Counts 2018.09.0
philzl	Additional Names	NA	6288	16297
philzp	Address detail for Points	NA	385167	469710

**Table 36: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
phils1	Street Level 1	5645.36	6030.02
phils2	Street Level 2	7104.7	7284.81
phils3	Street Level 3	6478.4	6434.76
phils4	Street Level 4	17653.73	17641.80
phils5	Street Level 5	193054.37	230837.06
phils6	Street Level 6	21293.68	22572.36

## Republic Of Ireland

Following are the stats for Republic Of Ireland.

**Table 37: Feature Counts Comparison**

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
irela0	Administrative Level 0	ireland	116	116
irela1	Administrative Level 1	County	26	26

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
irela2	Administrative Level 2	District	29	29
irelaa	Address Areas	NA	3	3
irelap	Airports	NA	21	21
irelb	Business Locations	NA	98812	104879
irelcr	Crossroads	NA	62715	63567
irelf	Ferry Routes	NA	91	91
irelfi	Freeway Interchanges	NA	307	306
irelfr	Frontier Crossings	NA	15	15
irelg1	Gazetteer Level 1	NA	1	1
irelg2	Gazetteer Level 2	NA	25	25
irelg3	Gazetteer Level 3	NA	3	4
irelg4	Gazetteer Level 4	NA	276	276
irelg5	Gazetteer Level 5	NA	1308	1308
irelg6	Gazetteer Level 6	NA	5529	5528
irelgf	Gazetteer Full	NA	7142	7142
irellc	Land Cover	NA	3351	3351
irellu	Land Use	NA	1048	1141
irelnf	Natural Features	NA	361	362
irelow	Oneways	NA	4607	4936
irelp	Parking	NA	379	380



Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
irelpu	Public Locations	NA	19267	19987
irelr	Railways	NA	138	138
irelre	Recreation Places	NA	8545	10195
irelst	Stations	NA	10670	11279
irelu	Urban Areas	NA	1613	1613
irelw	Water Major	NA	913	943
irelwm	Water	NA	81	81
irelzl	Additional Names	NA	9615	11612
irelzp	Address details for points	NA	131401	139931

**Table 38: Streets Length Comparison**

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
irels1	Street Level 1	3824.684686	3742.83
irels2	Street Level 2	3273.896001	3330.19
irels3	Street Level 3	13033.20463	13103.41
irels4	Street Level 4	8018.771657	8031.55
irels5	Street Level 5	93364.21891	92478.32
irels6	Street Level 6	1345.094951	2966.34

# Singapore

Following are the stats for singapore.

**Table 39: Feature Counts Comparison**

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
singa0	Administrative Level 0	singapore	6	6
singa1	Administrative Level 1	Municipality	55	55
singap	Airports	NA	10	10
singb	Business Locations	NA	376401	376401
singcr	Crossroads	NA	13917	13917
singf	Ferry Routes	NA	23	23
singfi	Freeway Interchanges	NA	219	219
singfr	Frontier Crossings	NA	2	2
singg4	Gazetteer Level 4	NA	62	62
singg5	Gazetteer Level 5	NA	19	19
singg6	Gazetteer Level 6	NA	2	2
singgf	Gazetteer Full	NA	84	84
singlc	Land Cover	NA	3	3
singlu	Land Use	NA	1859	1859
singnf	Natural Features	NA	17	17
singow	Oneways	NA	4925	4925

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
singp	Parking	NA	3812	3812
singpu	Public Locations	NA	17744	17744
singr	Railways	NA	247	247
singre	Recreation Places	NA	7272	7272
singst	Stations	NA	9242	9242
singu	Urban Areas	NA	71	71
singw	Water Major	NA	441	441
singwm	Water	NA	11	11
singzl	Additional Names	NA	6387	6387
singzp	Address details for points	NA	400054	400054

**Table 40: Streets Length Comparison**

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
sings1	Street Level 1	374.6047	374.03
sings2	Street Level 2	326.5915	325.85
sings3	Street Level 3	939.9119	938.07
sings4	Street Level 4	689.498	688.10
sings5	Street Level 5	5478.214	5466.62
sings6	Street Level 6	956.9463	954.84

# Slovakia

Following are the stats for Slovakia.

**Table 41: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
slvka0	Administrative Level 0	Slovakia	40	40
slvka1	Administrative Level 1	Kraj	8	8
slvka2	Administrative Level 2	Okres	79	79
slvka3	Administrative Level 3	Obec	2890	2890
slvka4	Administrative Level 4	Mestská cast	39	39
slvkap	Airports	NA	8	8
slvkb	Business Locations	NA	96540	104259
slvkcr	Crossroads	NA	45597	46478
slvkf	Ferry Routes	NA	10	6
slvkfi	Freeway Interchanges	NA	265	293
slvkfr	Frontier Crossings	NA	76	77
slvkg1	Gazetteer Level 1	NA	1	1
slvkg2	Gazetteer Level 2	NA	7	7
slvkg3	Gazetteer Level 3	NA	63	63
slvkg4	Gazetteer Level 4	NA	61	61
slvkg5	Gazetteer Level 5	NA	2795	2795

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
slvkg6	Gazetteer Level 6	NA	2517	2517
slvkgf	Gazetteer Full	NA	5444	5444
slvklc	Land Cover	NA	14608	14608
slvklu	Land Use	NA	357	738
slvknf	Natural Features	NA	2864	3069
slvkow	Oneways	NA	7981	8778
slvkp	Parking	NA	2739	2892
slvkpu	Public Locations	NA	31004	31519
slvkr	Railways	NA	502	509
slvkre	Recreation Places	NA	3243	4935
slvkst	Stations	NA	27208	27835
slvku	Urban Areas	NA	4857	4857
slvkwm	Water Major	NA	9	9
slvkw	Water	NA	1760	1767
slvkzl	Additional Names	NA	4646	6315
slvkzp	Address detail for Points	NA	159541	169699

**Table 42: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
slvks1	Street Level 1	2263.57	2524.54

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
slvks2	Street Level 2	3055.11	3154.09
slvks3	Street Level 3	3595.61	3618.12
slvks4	Street Level 4	11046.54	11056.08
slvks5	Street Level 5	52480.49	53706.34
slvks6	Street Level 6	15947.2	43463.58

## Slovenia

Following are the stats for Slovenia.

**Table 43: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
slvna0	Administrative Level 0	Slovenia	23	23
slvna1	Administrative Level 1	K&Auml;rs&Auml;g	212	212
slvnap	Airports	NA	14	14
slvnb	Business Locations	NA	62358	62505
slvncr	Crossroads	NA	48884	49600
slvnf	Ferry Routes	NA	2	2
slvnfi	Freeway Interchanges	NA	165	164
slvnfr	Frontier Crossings	NA	93	93

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
slvng1	Gazetteer Level 1	NA	1	1
slvng2	Gazetteer Level 2	NA	11	11
slvng3	Gazetteer Level 3	NA	168	168
slvng4	Gazetteer Level 4	NA	251	251
slvng5	Gazetteer Level 5	NA	2021	2021
slvng6	Gazetteer Level 6	NA	3530	3530
slvngf	Gazetteer Full	NA	5982	5982
slvnlc	Land Cover	NA	7637	7600
slvnlv	Land Use	NA	802	1226
slvnnf	Natural Features	NA	229	229
slvnow	Oneways	NA	3129	3297
slvnp	Parking	NA	428	565
slvnpu	Public Locations	NA	6837	6820
slvnr	Railways	NA	124	136
slvnre	Recreation Places	NA	679	670
slvnst	Stations	NA	291	337
slvnu	Urban Areas	NA	5921	5921
slvnwm	Water Major	NA	11	11
slvnw	Water	NA	853	882
slvnzl	Additional Names	NA	1480	3516

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
slvznp	Address detail for Points	NA	67767	68049

**Table 44: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
slvns1	Street Level 1	1275	1281.60
slvns2	Street Level 2	2318.02	2326.90
slvns3	Street Level 3	2826.17	2832.80
slvns4	Street Level 4	10633.7	10643.90
slvns5	Street Level 5	87125.49	87220.42
slvns6	Street Level 6	1579.71	2182.04

## Spain

Following are the stats for Spain.

**Table 45: Feature Counts Comparison**

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
espaa0	Administrative Level 0	españa	418	418
espaa1	Administrative Level 1	Comunidad	21	21
espaa2	Administrative Level 2	Provincia	54	54
espaa3	Administrative Level 3	Municipio	8132	8138



Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
espaa4	Administrative Level 4	NA	3790	3790
espaaa	Address Areas	NA	6517	6520
espaap	Airports	NA	82	82
espab	Business Locations	NA	1934725	1845107
espacr	Crossroads	NA	1494126	1501445
espafr	Ferry Routes	NA	407	407
espafi	Freeway Interchanges	NA	7908	7908
espafr	Frontier Crossings	NA	29	31
espag1	Gazetteer Level 1	NA	3	3
espag2	Gazetteer Level 2	NA	19	19
espag3	Gazetteer Level 3	NA	38	38
espag4	Gazetteer Level 4	NA	1256	1256
espag5	Gazetteer Level 5	NA	10387	10389
espag6	Gazetteer Level 6	NA	53196	53196
espagf	Gazetteer Full	NA	64899	64901
espalc	Land Cover	NA	83486	83519
espalu	Land Use	NA	12053	14512
espanf	Natural Features	NA	5566	5382
espaow	Oneways	NA	386770	402376
espap	Parking	NA	6881	6389

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
espapu	Public Locations	NA	97988	102596
espar	Railways	NA	1285	1294
espare	Recreation Places	NA	88059	119216
espast	Stations	NA	22135	23398
espau	Urban Areas	NA	34336	34335
espaw	Water Major	NA	5849	5999
espawm	Water	NA	354	354
espazl	Additional Names	NA	57125	68569
espazp	Address details for points	NA	2107606	2049221

**Table 46: Streets Length Comparison**

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
espas1	Street Level 1	28818.22588	29598.42
espas2	Street Level 2	16654.90301	16534.23
espas3	Street Level 3	49431.72341	49352.39
espas4	Street Level 4	159452.5639	160004.08
espas5	Street Level 5	660171.236	662692.73
espas6	Street Level 6	530297.6865	664116.74

# Sweden

Following are the stats for sweden.

**Table 47: Feature Counts Comparison**

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
sweda0	Administrative Level 0	sweden	535	535
sweda1	Administrative Level 1	Län	21	21
sweda2	Administrative Level 2	Kommun	290	290
swedaa	Address Areas	NA	199	199
swedap	Airports	NA	65	65
swedb	Business Locations	NA	214981	224577
swedcr	Crossroads	NA	339625	339508
swedf	Ferry Routes	NA	620	752
swedfi	Freeway Interchanges	NA	1256	1264
swedfr	Frontier Crossings	NA	21	21
swedg1	Gazetteer Level 1	NA	1	1
swedg2	Gazetteer Level 2	NA	20	20
swedg3	Gazetteer Level 3	NA	254	254
swedg4	Gazetteer Level 4	NA	972	848
swedg5	Gazetteer Level 5	NA	4503	4584
swedg6	Gazetteer Level 6	NA	115599	115642

Table	Description	Local Names	Counts 2019.03.0	Counts 2019.09.0
swedgf	Gazetteer Full	NA	121349	121349
swedlc	Land Cover	NA	39622	39619
swedlu	Land Use	NA	4114	6871
swednf	Natural Features	NA	6281	6836
swedow	Oneways	NA	10092	10178
swedp	Parking	NA	3639	3651
swedpu	Public Locations	NA	25315	26716
swedr	Railways	NA	7611	7611
swedre	Recreation Places	NA	5819	8467
swedst	Stations	NA	51666	52912
swedu	Urban Areas	NA	5755	5742
swedw	Water Major	NA	66208	66327
swedwm	Water	NA	174	174
swedzl	Additional Names	NA	5822	11048
swedzp	Address details for points	NA	291142	305263

**Table 48: Streets Length Comparison**

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
sweds1	Street Level 1	12394.02333	12451.34
sweds2	Street Level 2	10432.73203	10494.42

Table	Street Levels	Street Length 2019.03.0 (in km)	Street Length 2019.09.0 (in km)
sweds3	Street Level 3	15684.74261	15694.31
sweds4	Street Level 4	47469.67677	47636.34
sweds5	Street Level 5	522860.8042	525012.83
sweds6	Street Level 6	43344.86747	45969.86

## Taiwan

Following are the stats for Taiwan.

**Table 49: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
taiwa0	Administrative Level 0	Taiwan	83	79
taiwa1	Administrative Level 1	Province	8	8
taiwa2	Administrative Level 2	County	22	22
taiwa3	Administrative Level 3	District	368	368
taiwap	Airports	NA	27	29
taiwb	Business Locations	NA	352415	374949
taiwcr	Crossroads	NA	293591	300633
taiwf	Ferry Routes	NA	42	42
taiwfi	Freeway Interchanges	NA	1201	1206

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
taiwg1	Gazetteer Level 1	NA	1	1
taiwg2	Gazetteer Level 2	NA	12	12
taiwg4	Gazetteer Level 4	NA	9	9
taiwg5	Gazetteer Level 5	NA	346	347
taiwg6	Gazetteer Level 6	NA	14168	14167
taiwgf	Gazetteer Full	NA	14536	14536
taiwlc	Land Cover	NA	3	72
taiwlu	Land Use	NA	2420	7517
taiwnf	Natural Features	NA	4711	4732
taiwow	Oneways	NA	21894	24161
taiwpp	Parking	NA	4696	5058
taiwpc	Postcode	NA	NA	369
taiwpcp	Postcode Points	NA	NA	1320
taiwpc_township_index	Postcode Index	NA	NA	369
taiwpu	Public Locations	NA	75523	78051
taiwr	Railways	NA	62	75
taiwre	Recreation Places	NA	8862	9549
taiwst	Stations	NA	4073	3927
taiwu	Urban Areas	NA	557	571
taiwwm	Water Major	NA	19	3057

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
taiww	Water	NA	767	19
taiwzl	Additional Names	NA	512698	509147
taiwzp	Address detail for Points	NA	404670	429924

**Table 50: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
taiws1	Street Level 1	3760.06	4255.28
taiws2	Street Level 2	7281.73	6955.63
taiws3	Street Level 3	6670.61	6702.04
taiws4	Street Level 4	13460.92	13590.15
taiws5	Street Level 5	99937.09	106927.90
taiws6	Street Level 6	3232.06	25816.57

## Turkey

Following are the stats for Turkey.

**Table 51: Feature Counts Comparison**

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
turka0	Administrative Level 0	Turkey	507	507
turka1	Administrative Level 1	II	81	81

Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
turka2	Administrative Level 2	Ilce	970	970
turka3	Administrative Level 3	Belde	1364	1358
turka4	Administrative Level 4	NA	24955	29527
turkaa	Address Areas	NA	18	18
turkap	Airports	NA	87	86
turkb	Business Locations	NA	851125	998015
turkcr	Crossroads	NA	974869	1011589
turkf	Ferry Routes	NA	238	300
turkfi	Freeway Interchanges	NA	1828	1953
turkfr	Frontier Crossings	NA	21	23
turkg1	Gazetteer Level 1	NA	1	1
turkg2	Gazetteer Level 2	NA	96	96
turkg3	Gazetteer Level 3	NA	902	882
turkg4	Gazetteer Level 4	NA	36	36
turkg5	Gazetteer Level 5	NA	24179	28815
turkg6	Gazetteer Level 6	NA	32418	29658
turkgf	Gazetteer Full	NA	57632	59488
turklc	Land Cover	NA	1797	1797
turklu	Land Use	NA	17675	18694
turknf	Natural Features	NA	181143	181149



Table	Description	Local Names	Counts 2018.09.0	Counts 2019.09.0
turkow	Oneways	NA	53428	57573
turkpw	Parking	NA	4286	4333
turkpu	Public Locations	NA	178946	182608
turkr	Railways	NA	175	176
turkre	Recreation Places	NA	50681	54165
turkst	Stations	NA	12355	12330
turku	Urban Areas	NA	29521	36378
turkwm	Water Major	NA	245	1470
turkw	Water	NA	1427	245
turkzl	Additional Names	NA	36089	61280
turkzp	Address detail for Points	NA	1032118	1179055

**Table 52: Streets Length Comparison**

Table	Street Levels	Street Length 2018.09.0 (in km)	Street Length 2019.09.0 (in km)
turks1	Street Length	18526.99	21430.95
turks2	Street Length	21574.68	29154.97
turks3	Street Length	24961.42	28123.06
turks4	Street Length	277557.09	255452.83
turks5	Street Length	454418.04	552325.91
turks6	Street Length	8705.55	12922.14

# 4 - Known Issues

## In this section

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Known Issue

75

## Known Issue

There are no known issues with this release of the data.

# 5 - Copyright/Licensing Information

## In this section

---

Copyright and Licensing Information	77
Getting Support	78

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- **Email:** [software.support@pb.com](mailto:software.support@pb.com)

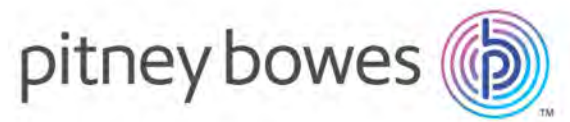
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