Boundaries of Tertiary Planning Units & Street Blocks / Village Clusters

(for 2001 Population Census;

2006 Population By-Census;

2011 Population Census; and

2016 Population By-census)

Boundaries of Tertiary Planning Units & Subunit

(for 2021 Population Census)

Data Specification

Version 1.0

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1 Introduction

For town planning purpose, the whole territory of Hong Kong is divided into various Tertiary Planning Units (TPUs) in the Population Census / Population By-census. On the one hand, these TPUs are sub-divided into Subunits in 2021 Population Census (but divided into SBs/VCs in urban and rural areas respectively in 2001 Population Census; 2006 Population By-census; 2011 Population Census; and 2016 Population By-census). On the other hand, these TPUs are aggregated under 52 Secondary Planning Units (SPUs) at the next higher level (only 51 SPUs in 2001 Population Census). The SPUs are further grouped under nine Primary Planning Units (PPUs) at the highest level. Each of the TPU is identified by a unique three-digit number. The first digit of a TPU number identifies the PPU code while the first and second digits together correspond to the SPU code.

In translating the boundaries of TPUs and Subunits or SBs/VCs for Population Census / Population By-census to digital format, reference has been made to different topographic maps, which may of various scales, prepared by Survey and Mapping Office, Lands Department available at the time of preparation. Since the geographical features on these maps may be updated from time to time, the boundaries of TPUs and Subunits or SBs/VCs may not tally with the latest situation. Users are responsible for making their own assessment of the obtained data and are advised to verify such information before acting on it.

2 Data Specification

2.1 Details of GML/GeoJSON Schema for TPU and SB/VC

Feature:	2016BC_TPU_SB_VC; TPUSBVC_2011; TPUSBVC_2006; TPUSBVC_2001
Gomertry File:	2016BC_TPU_SB_VC.gml / 2016BC_TPU_SB_VC.geojson TPUSBVC_2011.gml / TPUSBVC_2011.geojson TPUSBVC_2006.gml / TPUSBVC_2006.geojson TPUSBVC_2001.gml / TPUSBVC_2001.geojson
Geometry Type:	Multi Polygon
EPSG:	HK1980Grid (EPSG:2326)

Item	Name	Data Type	Description
1	**Fid**	String	GML Only. A feature id is unique, not null string column used to identify record among the feature members.
2	**type**	Geometry	GeoJSON Only.
3	**crs / srsName**	Geometry	Coordinate reference system (CRS) determines the geometry of each geometry element in this GML document.
4	**OBJECTID**	Integer	An integer to identify record among the feature dataset.
5	**PPU**	Integer	A 1-digit Primary Planning Unit (PPU) Code
6	**SPU**	Integer	A 2-digit Secondary Planning Unit (SPU) Code with 2 digits
7	**TPU**	Integer	A 3-digit Tertiary Planning Units (TPUs) Code, the first digit identifies the PPU Code while the first and second digits together correspond to the SPU Code
8	**SB_VC**	Integer	A Code for Street Block / Village Cluster
9	**Type_Eng**	String	Name of the Type of TPU in English. TPUs are sub-divided into Street Blocks (SBs) or Village Clusters (VCs).
10	**Type_TC**	String	Name of the Type of TPU in Traditional Chinese. TPUs are sub-divided into Street Blocks (SBs) or Village Clusters (VCs).
11	**Type_SC**	String	Name of the Type of TPU in Simplified Chinese TPUs are sub-divided into Street Blocks (SBs) or Village Clusters (VCs).
12	**Shape_Length**	Real	The Length of the Planning Units.
13	**Shape_Area**	Real	The Area of the Planning Units.
14	**Geometry / geometryProperty**	Geometry	List of HK1980 Grid coordinates of new town boundary polygon(s).

2.2 Details of GML/GeoJSON Schema for TPU and Subunit Boundary

Feature: TPUSBVC_2021
Gomertry File: TPUSBVC_2021.gml / TPUSBVC_2021.geojson
Geometry Type: Multi Polygon
EPSG: HK1980Grid (EPSG:2326)

Item	Name	Data Type	Description
1	**Fid**	String	GML Only. A feature id is unique, not null string column used to identify record among the feature members.
2	**type**	Geometry	GeoJSON Only.

3	crs / srsName	Geometry	Coordinate reference system (CRS) determines the geometry of each geometry element in this GML document.
4	OBJECTID	Integer	An integer to identify record among the feature dataset.
5	PPU	Integer	A 1-digit Primary Planning Unit (PPU) Code
6	SPU	Integer	A 2-digit Secondary Planning Unit (SPU) Code with 2 digits
7	TPU	Integer	A 3-digit Tertiary Planning Units (TPUs) Code, the first digit identifies the PPU Code while the first and second digits together correspond to the SPU Code
8	Subunit	Integer	A Code for subunit
9	Type_Eng	String	Name of the Type of TPU in English. TPUs are sub-divided into Street Blocks (SBs) or Village Clusters (VCs).
10	Type_TC	String	Name of the Type of TPU in Traditional Chinese. TPUs are sub-divided into Street Blocks (SBs) or Village Clusters (VCs).
11	Type_SC	String	Name of the Type of TPU in Simplified Chinese TPUs are sub-divided into Street Blocks (SBs) or Village Clusters (VCs).
12	Shape_Length	Real	The Length of the Planning Units.
13	Shape_Area	Real	The Area of the Planning Units.
14	Geometry / geometryProperty	Geometry	List of HK1980 Grid coordinates of new town boundary polygon(s).

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