

Thailand

Release: April 2023

Data Source

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Data: © Esri Thailand, 2021 demographic data provides key population and household attributes reported by both government agencies including Department of Provincial Administration, National Statistical Office, Community Development Department and Thai private sector company GlobeTech Co., Ltd.

Boundaries: © Esri Thailand, 2021 province, district, and sub-district for the whole country of Thailand.

Settlement Points: These population weighted hexagonal centroid settlement points were created using the 2021 Nostra residential housing unit points. They were verified and corrected using Esri Imagery and previous Settlement Points.

Dataset Information

Thailand	
3 Letter ISO Country code	THA
Currency	Thai Baht
3 Letter Currency code	THB
Number of attributes available	478
Number of geography levels	4

Geography Levels

Geography Levels	Geography Levels Available for Thailand	Available through ArcGIS.com Maps	Feature Count
Country	X	X	1
Provinces	X	X	77
Districts	X	X	928
Subdistricts	X	X	7436

Data Apportionment Settings

Learn about [data apportionment](#)

Threshold Upper Bound	Aggregation Method	Level of Geography
150 km	Block Apportion	TH.Subdistricts
250 km	Centroids In Polygon	TH.Subdistricts
more	Centroids In Polygon	TH.Districts

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Change Summary

Changes to geography level names

None.

New Attributes

None.

Attributes no longer available

None.

Change Notes

The 2021 Population by Age data is sourced directly from the Department of Provincial Administration (DOPA) and any significant differences are based on the same data as provided by DOPA in 2020. The 2021 Income, Spending and Population by Occupation data is sourced primarily from the Community Development Department (CDD) and changes are larger than normal due to the fact that the CDD did not publish 2020 Income and Spending data due to COVID and 2020 values provided were modeled using 2019 input source data. The 2021 Population by Occupation data in Bangkok was updated using additional sources of data including NOSTRA POIs categorized by occupational groups to increase its accuracy. The 2021 Population by Education data is sourced from the Ministry of Education and there are large differences compared to the 2020 values that were sourced from National Statistical Office and The Community Development Department (CDD) in 2020. This is the first year that the Ministry of Education published Educational data and the data was published down to the subdistrict level so it is considered a more reliable source for this information.

These population weighted hexagonal centroid settlement points were created using the updated 2021 Nostra residential housing unit points. They were verified and corrected using Esri Imagery and previous Settlement Points. The settlement points have been updated using the 2021 Nostra residential housing unit points. This data is newer than the previous data and these changes could result in changes to previously run values in some trade areas. Settlement points are used in the data apportionment algorithm to redistribute data variables to input polygon features.

Other Data Notes

None.