‘PopulationFromWikidata’

Lua module for place articles

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The project

- Funded by: Wikimedia Australia
- Context: Wikidata fellowship
- Mentors: Samwilson, 99of9, Canley and Tenniscourtisland
- Timeframe: April - July 2022
- Detailed project summary here
- More documentation here
The challenge

- **15,000** Australian place articles in English Wikipedia
- **12,300** with population values

- Lots of population figures to update!

Old method

- Manual updates to `pop`, `pop_year` and `pop_footnotes`

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| pop | = 2,192,229 <--- NOTE: UPDATES TO POPULATION NUMBER REQUIRE A RELIABLE SOURCE (usually Statistics) --> |
| pop_year | = 2021 |

Editing the **Infobox Australian place** template

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* As at July 2022
But ... Wikidata!

- All Australian place articles are linked to Wikidata items
- Most place items include consistent population statements*
- Use a Lua module to select population value and give to Infobox Australian Place template

* Thanks to ABS ID matching and bulk Quickstatement uploads by 99of9, Canley and others.
Conceptual design

Which population value?

1. Must have good reference information
2. Applies to part matches Infobox place type
3. Most recent value

Module outputs

- Population value
- Detailed reference
PopulationFromWikidata

Lua module

- Module called when pop value removed from Infobox Australian Place template
  - `| pop - <!--leave blank to draw the latest automatically from Wikidata-->`
  - `| pop_year -`
  - `| pop_footnotes -`

- Now working in 3,134* articles!

**Population** 31,930 (LGA 2021)[1]


Lua module outputs

**Infobox edit to call module**

**PopulationFromWikidata module**

**Project summary graphs and tabular data**

* As at 11 August 2023
Thanks!

MaiaCWilliams

Lua module: https://en.wikipedia.org/wiki/Module:PopulationFromWikidata