

# Towns in Time 2016

Timeseries data from 1981-2006 Censuses - Enumerated population from Census 2011 and 2016

## Land Use and Population Research

A Branch of the Department of Environment, Land, Water and Planning

### Warragul

Baw Baw (S) LGA

Defined in 2016 as: UCL 213018



The map above shows the location of Warragul in Victoria.

| Summary data                           | 1981  | 1986  | 1991  | 1996  | 2001   | 2006   | 2011   | 2016   |
|--|-------|-------|-------|-------|--------|--------|--------|--------|
| Total population*                      | 8,050 | 8,585 | 9,393 | 9,561 | 10,492 | 11,345 | 12,966 | 13,907 |
| Male: Female ratio*                    | 93.9  | 91.4  | 91.5  | 90.1  | 87.7   | 87.8   | 88.4   | 88.8   |
| Visitors on Census night*              | 279   | 300   | 302   | 231   | 375    | 453    | 518    | 534    |
| Population in non-private dwellings*   | 281   | 289   | 287   | 239   | 296    | 332    | 318    | 299    |
| Population at same address 5 years ago | 4,112 | 4,218 | 4,425 | 4,682 | 4,906  | 5,486  | 6,167  | 6,773  |

\*Includes local, interstate and overseas visitors.

| Population growth     | 1981-91 | 1991-2001 | 2001-06 | 2006-11 | 2011-16 |
|-----------------------|---------|-----------|---------|---------|---------|
| Net change            | 1,343   | 1,099     | 853     | 1,621   | 941     |
| Average annual change | 1.6%    | 1.1%      | 1.6%    | 2.7%    | 1.4%    |

| Area                          |       |
|-------------------------------|-------|
| 2006 Area (km <sup>2</sup> ): | 18.85 |
| 2011 Area (km <sup>2</sup> ): | 16.56 |

| Location |                      |
|----------|----------------------|
| Location | 90km SE of Melbourne |

| Age structure | 1981         |             | 1986         |             | 1991         |             | 1996         |             | 2001          |             | 2006          |             | 2011          |             | 2016          |             |
|---------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|
|               | Number       | %           | Number       | %           | Number       | %           | Number       | %           | Number        | %           | Number        | %           | Number        | %           | Number        | %           |
| 0-4           | 687          | 9%          | 742          | 9%          | 798          | 9%          | 788          | 8%          | 747           | 7%          | 729           | 6%          | 904           | 7%          | 799           | 6%          |
| 5-17          | 2,026        | 25%         | 1,952        | 23%         | 2,045        | 22%         | 2,055        | 22%         | 2,234         | 21%         | 2,362         | 21%         | 2,355         | 18%         | 2,300         | 17%         |
| 18-24         | 895          | 11%         | 977          | 11%         | 979          | 10%         | 826          | 9%          | 866           | 8%          | 973           | 9%          | 1,128         | 9%          | 1,142         | 8%          |
| 25-34         | 1,186        | 15%         | 1,320        | 15%         | 1,436        | 15%         | 1,300        | 14%         | 1,314         | 13%         | 1,275         | 11%         | 1,481         | 11%         | 1,606         | 12%         |
| 35-44         | 808          | 10%         | 1,014        | 12%         | 1,346        | 14%         | 1,404        | 15%         | 1,437         | 14%         | 1,529         | 14%         | 1,610         | 12%         | 1,496         | 11%         |
| 45-54         | 747          | 9%          | 705          | 8%          | 870          | 9%          | 1,056        | 11%         | 1,394         | 13%         | 1,515         | 13%         | 1,697         | 13%         | 1,806         | 13%         |
| 55-64         | 734          | 9%          | 745          | 9%          | 712          | 8%          | 699          | 7%          | 869           | 8%          | 1,139         | 10%         | 1,533         | 12%         | 1,704         | 12%         |
| 65-74         | 583          | 7%          | 632          | 7%          | 673          | 7%          | 697          | 7%          | 753           | 7%          | 792           | 7%          | 1,133         | 9%          | 1,542         | 11%         |
| 75+           | 373          | 5%          | 493          | 6%          | 518          | 6%          | 726          | 8%          | 837           | 8%          | 973           | 9%          | 1,088         | 8%          | 1,299         | 9%          |
| <b>TOTAL</b>  | <b>8,039</b> | <b>100%</b> | <b>8,580</b> | <b>100%</b> | <b>9,378</b> | <b>100%</b> | <b>9,551</b> | <b>100%</b> | <b>10,452</b> | <b>100%</b> | <b>11,287</b> | <b>100%</b> | <b>12,929</b> | <b>100%</b> | <b>13,694</b> | <b>100%</b> |

| Indigenous status | 1986         | 1996         | 2001          | 2006          | 2011          | 2016          |
|-------------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Indigenous        | 41           | 92           | 73            | 124           | 116           | 124           |
| Non-Indigenous    | 8,327        | 9,187        | 9,986         | 10,770        | 12,453        | 12,965        |
| Not stated        | 212          | 272          | 393           | 393           | 376           | 718           |
| <b>TOTAL</b>      | <b>8,580</b> | <b>9,551</b> | <b>10,452</b> | <b>11,287</b> | <b>12,945</b> | <b>13,829</b> |

| Education                    | 1986         | 1996         | 2001         | 2006         | 2011          | 2016          |
|------------------------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Bachelor degree or higher    | 240          | 582          | 851          | 1,083        | 1,557         | 1,914         |
| Diploma or certificate       | 1,251        | 1,399        | 1,723        | 2,317        | 3,036         | 3,551         |
| No post school qualification | 3,817        | 4,291        | 4,443        | 4,251        | 4,562         | 4,635         |
| Not stated                   | 1,059        | 924          | 988          | 1,114        | 886           | 1,076         |
| <b>TOTAL</b>                 | <b>6,366</b> | <b>7,195</b> | <b>8,004</b> | <b>8,765</b> | <b>10,256</b> | <b>11,176</b> |

\*Applies to persons aged 15 and over

| Language spoken at home          | 1986         | 1996         | 2001          | 2006          | 2011          | 2016          |
|----------------------------------|--------------|--------------|---------------|---------------|---------------|---------------|
| English only                     | 8,270        | 9,070        | 9,703         | 10,519        | 12,045        | 12,365        |
| Top 3 LOTES, 2016:               |              |              |               |               |               |               |
| - Other:                         | 63           | 20           | 63            | 71            | 107           | 0             |
| - Dutch:                         | 41           | 34           | 27            | 35            | 23            | 32            |
| - Chinese languages:             | 11           | 13           | 18            | 29            | 85            | 89            |
| All languages other than English | 287          | 248          | 315           | 378           | 514           | 708           |
| Not stated                       | 23           | 234          | 434           | 391           | 371           | 731           |
| <b>TOTAL</b>                     | <b>8,580</b> | <b>9,551</b> | <b>10,452</b> | <b>11,287</b> | <b>12,930</b> | <b>13,804</b> |

| Birthplace                       | 1986         | 1996         | 2001          | 2006          | 2011          | 2016          |
|----------------------------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Australia                        | 7,672        | 8,434        | 8,995         | 9,662         | 11,118        | 11,344        |
| Top 3 overseas birthplaces, 2016 |              |              |               |               |               |               |
| - United Kingdom:                | 327          | 382          | 404           | 410           | 488           | 512           |
| - New Zealand:                   | 54           | 89           | 57            | 83            | 115           | 133           |
| - Netherlands:                   | 83           | 82           | 84            | 81            | 103           | 105           |
| All overseas birthplaces         | 785          | 841          | 922           | 1,035         | 1,352         | 1,392         |
| Birthplace not-stated            | 124          | 277          | 534           | 589           | 455           | 867           |
| <b>TOTAL</b>                     | <b>8,580</b> | <b>9,551</b> | <b>10,452</b> | <b>11,287</b> | <b>12,925</b> | <b>13,603</b> |

| English proficiency among overseas born   | 1986* ** | 1996** | 2001 | 2006 | 2011 | 2016 |
|---|----------|--------|------|------|------|------|
| Speaks English well or very well (%)      | 80%      | 86%    | 88%  | 86%  | 88%  | 83%  |
| Speaks English not well or not at all (%) | 20%      | 14%    | 9%   | 12%  | 10%  | 11%  |
| English proficiency not stated (%)        | 0%       | 0%     | 3%   | 1%   | 2%   | 0%   |

\*Applies to those born in non-English speaking countries only

\*\*Applies to persons aged 5 and over only

| Family composition              | 1996         | 2001         | 2006         | 2011         | 2016         |
|---------------------------------|--------------|--------------|--------------|--------------|--------------|
| Couple family* with children    | 1,209        | 1,232        | 1,295        | 1,437        | 1,457        |
| Couple family* without children | 861          | 1,027        | 1,132        | 1,447        | 1,611        |
| One parent family               | 398          | 502          | 546          | 622          | 657          |
| Other family type               | 21           | 44           | 36           | 49           | 29           |
| <b>TOTAL</b>                    | <b>2,490</b> | <b>2,805</b> | <b>3,009</b> | <b>3,555</b> | <b>3,759</b> |

\*Excludes same sex couple families in 1996 only

| Labour force*                  | 1986         | 1996         | 2001         | 2006         | 2011         | 2016         |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Employed                       | 3,470        | 3,876        | 4,389        | 4,912        | 5,813        | 6,023        |
| Unemployed                     | 222          | 377          | 297          | 279          | 330          | 387          |
| <b>TOTAL LABOUR FORCE</b>      | <b>3,692</b> | <b>4,253</b> | <b>4,686</b> | <b>5,191</b> | <b>6,143</b> | <b>6,410</b> |
| Not in labour force            | 2,530        | 2,844        | 3,006        | 3,083        | 3,756        | 4,160        |
| Labour force status not-stated | 144          | 99           | 313          | 490          | 389          | 699          |
| Unemployment rate              | 6.0%         | 8.9%         | 6.3%         | 5.4%         | 5.4%         | 6.0%         |
| Participation rate             | 59.3%        | 59.9%        | 60.9%        | 62.7%        | 62.1%        | 60.6%        |

\*Applies to persons aged 15 and over

| Travel to work*             | 1996         | 2001         | 2006         | 2011         | 2016         |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|
| Bicycle                     | 24           | 13           | 16           | 28           | 8            |
| Bus                         | 9            | 6            | 19           | 9            | 4            |
| Car as driver               | 2,479        | 2,947        | 3,346        | 3,972        | 4,330        |
| Car as passenger            | 349          | 277          | 290          | 356          | 351          |
| Motor bike/scooter          | 13           | 10           | 13           | 5            | 4            |
| Taxi                        | 3            | 6            | 16           | 3            | 6            |
| Train                       | 25           | 39           | 10           | 95           | 93           |
| Tram or ferry               | 3            | 3            | 3            | 0            | 0            |
| Walked only                 | 187          | 181          | 209          | 215          | 160          |
| Other modes                 | 25           | 93           | 76           | 74           | 59           |
| Multiple modes              | 67           | 60           | 58           | 93           | 84           |
| Work from home              | 196          | 147          | 163          | 181          | 219          |
| Did not go to work          | 415          | 519          | 597          | 679          | 606          |
| Method of travel not stated | 80           | 88           | 95           | 102          | 24           |
| <b>TOTAL</b>                | <b>3,876</b> | <b>4,389</b> | <b>4,912</b> | <b>5,812</b> | <b>5,948</b> |

\*Applies to persons aged 15 and over

| Industry of employment*                     | 1986         | 1996         | 2001         | 2006         | 2011         | 2016         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|
| Agriculture, Forestry and Fishing           | 174          | 181          | 183          | 168          | 167          | 247          |
| Mining                                      | 10           | 14           | 12           | 15           | 21           | 24           |
| Manufacturing                               | 338          | 420          | 427          | 423          | 531          | 410          |
| Electricity, Gas, Water and Waste Services  | 270          | 79           | 68           | 62           | 95           | 114          |
| Construction                                | 247          | 259          | 326          | 487          | 625          | 624          |
| Wholesale Trade                             | 174          | 214          | 274          | 252          | 237          | 150          |
| Retail Trade                                | 378          | 507          | 530          | 594          | 674          | 575          |
| Accommodation and Food Services             | 76           | 80           | 175          | 264          | 372          | 399          |
| Transport, Postal and Warehousing           | 210          | 176          | 175          | 166          | 207          | 175          |
| Information Media and Telecommunications    | 74           | 104          | 107          | 71           | 80           | 85           |
| Financial and Insurance Services            | 129          | 69           | 104          | 124          | 136          | 141          |
| Rental, Hiring and Real Estate Services     | 51           | 91           | 110          | 81           | 66           | 60           |
| Professional, Scientific and Tech. Services | 95           | 166          | 177          | 197          | 263          | 296          |
| Administrative and Support Services         | 66           | 105          | 114          | 158          | 139          | 128          |
| Public Administration and Safety            | 183          | 218          | 180          | 267          | 319          | 356          |
| Education and Training                      | 313          | 365          | 443          | 533          | 643          | 731          |
| Health Care and Social Assistance           | 305          | 365          | 499          | 599          | 753          | 793          |
| Arts and Recreation Services                | 31           | 62           | 74           | 50           | 58           | 73           |
| Other Services                              | 187          | 285          | 316          | 283          | 294          | 327          |
| Inadequately described/Not stated           | 158          | 116          | 92           | 120          | 130          | 171          |
| <b>TOTAL</b>                                | <b>3,470</b> | <b>3,876</b> | <b>4,389</b> | <b>4,912</b> | <b>5,810</b> | <b>5,879</b> |

\*Applies to persons aged 15 and over

| Vehicle ownership*       | 1986         | 1996         | 2001         | 2006         | 2011         | 2016         |
|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| None                     | 310          | 388          | 346          | 331          | 377          | 322          |
| 1 motor vehicle          | 1,154        | 1,448        | 1,522        | 1,528        | 1,882        | 1,904        |
| 2 motor vehicles         | 997          | 1,209        | 1,439        | 1,602        | 1,880        | 2,010        |
| 3 or more motor vehicles | 337          | 392          | 497          | 656          | 825          | 927          |
| Not stated               | 81           | 149          | 218          | 291          | 257          | 492          |
| <b>TOTAL</b>             | <b>2,880</b> | <b>3,587</b> | <b>4,022</b> | <b>4,409</b> | <b>5,221</b> | <b>5,690</b> |

\*Number of vehicles excluding motorbikes/scooters per occupied private dwelling

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Timeseries data from 1981-2006 Censuses - Enumerated population from Census 2011 and 2016

## Land Use and Population Research

A Branch of the Department of Environment, Land, Water and Planning

|                                       | 1981*             | 1986              | 1991              | 1996              | 2001              | 2006              | 2011              | 2016              |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Dwellings - Number                    | Number %          |
| Occupied private dwellings            | 2,539 93%         | 2,880 92%         | 3,311 93%         | 3,587 92%         | 4,022 95%         | 4,409 91%         | 5,217 92%         | 5,690 91%         |
| Unoccupied private dwellings          | 179 7%            | 255 8%            | 235 7%            | 291 8%            | 227 5%            | 432 9%            | 479 8%            | 587 9%            |
| <b>TOTAL (private dwellings)</b>      | <b>2,718 100%</b> | <b>3,135 100%</b> | <b>3,546 100%</b> | <b>3,878 100%</b> | <b>4,249 100%</b> | <b>4,841 100%</b> | <b>5,696 100%</b> | <b>6,277 100%</b> |
| <b>Dwellings - Type</b>               |                   |                   |                   |                   |                   |                   |                   |                   |
| Separate house                        | 2,468 91%         | 2,725 87%         | 3,080 87%         | 3,326 86%         | 3,732 88%         | 4,179 86%         | 4,832 85%         | 5,213 83%         |
| Medium density**                      | 204 7%            | 317 10%           | 400 11%           | 440 11%           | 421 10%           | 625 13%           | 802 14%           | 1,023 16%         |
| Other dwelling                        | 33 1%             | 39 1%             | 44 1%             | 44 1%             | 53 1%             | 34 1%             | 62 1%             | 39 1%             |
| Structure not-stated                  | 13 0%             | 53 2%             | 22 1%             | 68 2%             | 44 1%             | 3 0%              | 0 0%              | -4 0%             |
| <b>TOTAL (private dwellings)</b>      | <b>2,718 100%</b> | <b>3,135 100%</b> | <b>3,546 100%</b> | <b>3,878 100%</b> | <b>4,249 100%</b> | <b>4,841 100%</b> | <b>5,696 100%</b> | <b>6,277 100%</b> |
| <b>Dwellings - Tenure</b>             |                   |                   |                   |                   |                   |                   |                   |                   |
| Fully owned                           | 1,019 40%         | 1,162 40%         | 1,367 41%         | 1,609 45%         | 1,752 44%         | 1,624 37%         | 1,943 37%         | 2,118 37%         |
| Being purchased                       | 879 35%           | 942 33%           | 1,016 31%         | 941 26%           | 1,169 29%         | 1,473 33%         | 1,714 33%         | 1,810 32%         |
| Rented - government                   | 165 7%            | 258 9%            | 269 8%            | 199 6%            | 189 5%            | 200 5%            | 251 5%            | 197 3%            |
| Rented - other                        | 360 14%           | 394 14%           | 508 15%           | 721 20%           | 683 17%           | 842 19%           | 1,018 20%         | 1,075 19%         |
| Other and not stated                  | 117 5%            | 125 4%            | 151 5%            | 116 3%            | 230 6%            | 270 6%            | 284 5%            | 493 9%            |
| <b>TOTAL (occ. private dwellings)</b> | <b>2,539 100%</b> | <b>2,880 100%</b> | <b>3,311 100%</b> | <b>3,587 100%</b> | <b>4,022 100%</b> | <b>4,409 100%</b> | <b>5,210 100%</b> | <b>5,690 100%</b> |

\*1981 data for dwellings excludes caravans in caravan parks (but includes other caravans). In all other years, all caravans are included.

\*\*Medium density = semi-detached, row or terrace house, flat unit or apartment and other medium density dwellings

| Household size               | 1981        | 1986        | 1991        | 1996        | 2001        | 2006        | 2011        | 2016        |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 person                     | 19%         | 21%         | 23%         | 26%         | 27%         | 27%         | 28%         | 29%         |
| 2 persons                    | 28%         | 30%         | 29%         | 32%         | 34%         | 34%         | 36%         | 36%         |
| 3 persons                    | 14%         | 15%         | 17%         | 14%         | 13%         | 13%         | 13%         | 13%         |
| 4 persons                    | 19%         | 17%         | 17%         | 15%         | 14%         | 15%         | 13%         | 13%         |
| 5 or more persons            | 20%         | 17%         | 15%         | 12%         | 12%         | 11%         | 9%          | 8%          |
| <b>TOTAL</b>                 | <b>100%</b> |
| Av. household size (persons) | 3.06        | 2.88        | 2.75        | 2.60        | 2.53        | 2.50        | 2.42        | 2.39        |

| Household income          | 1981         | 1986         | 1991         | 1996         | 2001         | 2006         | 2011         | 2016         |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1st quartile (lowest)     | 30%          | 28%          | 30%          | 31%          | 29%          | 30%          | 31%          | 31%          |
| 2nd quartile              | 26%          | 28%          | 28%          | 29%          | 28%          | 26%          | 27%          | 28%          |
| 3rd quartile              | 24%          | 25%          | 25%          | 24%          | 26%          | 26%          | 23%          | 23%          |
| 4th quartile (highest)    | 19%          | 19%          | 17%          | 16%          | 17%          | 19%          | 19%          | 17%          |
| Not stated (households)   | 198          | 339          | 553          | 412          | 450          | 488          | 509          | 509          |
| <b>TOTAL (households)</b> | <b>2,541</b> | <b>2,876</b> | <b>3,264</b> | <b>3,577</b> | <b>3,918</b> | <b>4,280</b> | <b>5,142</b> | <b>5,438</b> |

The map below shows the changes of boundary in Warragul between 2006 and 2016.

