Chapter 2

**Human Resources**

**HUMAN RESOURCES**

***Historical Population Size***

The study of population is required in planning so as to determine the size of human resources in a locality, to ascertain various needs, consider interests and traits for the economic growth, structure, distribution, density, composition and change due to births, deaths, immigration, separation, divorce and other socio-economic characteristics and to explain the cause and consequences of those factors. Likewise, the age of the population determines potential labor force and identifies the areas with considerable unemployment rates.

The Municipality of Mangaldan experienced the fastest increase in population in 1948 based on census of Population and Housing as indicated by its average Annual Percent Change of 3.59 percent. Its lowest Annual Percent Change was observed in 1903 at 0.38 percent as shown in the following table:

**Table 1: Historical Growth of Population, Year 1903-2015**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Census Date** | **Population** | **Absolute**  **Change** | **Census Year Interval** | **Annual Percent Change (%)** |
| May 2, 1903 | 15,841 | - | - | - |
| December 31, 1918 | 16,761 | 920 | 15 | 0.38 |
| January 1, 1939 | 18,997 | 2,236 | 21 | 0.60 |
| October 1, 1948 | 26,102 | 7,105 | 9 | 3.59 |
| February 15, 1960 | 33,422 | 7,320 | 12 | 2.08 |
| May 6, 1970 | 41,867 | 8,445 | 10 | 2.28 |
| May 1, 1975 | 46,230 | 4,363 | 5 | 2.00 |
| May 1, 1980 | 50,434 | 4,204 | 5 | 1.76 |
| May 1, 1990 | 65,947 | 15,513 | 10 | 2.72 |
| September 1, 1995 | 73,351 | 7,404 | 5 | 2.15 |
| May 1, 2000 | 82,132 | 8,781 | 5 | 2.29 |
| May 1, 2007 | 90,391 | 8,259 | 7 | 1.38 |
| May 1, 2010 | 98,905 | 8,514 | 3 | 1.33 |
| August 1, 2015 | 106,331 | 7,426 | 5 | 1.46 |

*Source: Census of Population and Housing; Philippine Statistics*

*Authority*

In 2010 and 2015, the total population recorded was 98,905 and 106,331 respectively. From 2010 to 2015, the absolute change computed was 7,426 or a 1.46 percent growth rate. This rate compared to the previous annual percent change of 1.33 is higher for the period 2007 to 2010.

***Growth Rate***

The NSO Census Results in 2015 showed faster annual growth rate of 1.46% than in 2010, which is 1.33%. This means that the municipality’s growth of population level was rapid during the said period, which could be accounted by greater number of births and immigration.

The Municipality of Mangaldan has a total population of 106,331 based on National Statistics Office census in 2015.

***Population Composition and Distribution***

NSO has considered all barangays of Mangaldan to be URBAN in 1980. The following table shows the population and number of households by barangay:

**Table 2: Population and Projected Number of Household by Barangay, Year 2015**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Urban Barangays** | **Population** | **Household** | **Urban Barangays** | **Population** | **Household** |
| Alitaya | 4,378 | 789 | Lanas | 3,285 | 584 |
| Amansabina | 2,609 | 492 | Landas | 2,023 | 351 |
| Anolid | 7,393 | 1311 | Maasin | 3,862 | 711 |
| Banaoang | 5,267 | 913 | Macayug | 2,485 | 420 |
| Bantayan | 3,633 | 634 | Malabago | 5,095 | 907 |
| Bari | 6,044 | 1054 | Navaluan | 3,678 | 603 |
| Bateng | 2,715 | 465 | Nibaliw | 3,105 | 556 |
| Buenlag | 3,787 | 685 | Osiem | 3,437 | 586 |
| David | 4,389 | 775 | Palua | 2,013 | 348 |
| Embarcadero | 3,021 | 575 | Poblacion | 4,639 | 866 |
| Gueguesangen | 2,551 | 479 | Pogo | 1,631 | 299 |
| Guesang | 3,935 | 687 | Salaan | 2,598 | 483 |
| Guiguilonen | 2,945 | 513 | Salay | 5,331 | 1015 |
| Guilig | 3,491 | 620 | Talogtog | 2,486 | 463 |
| Inlambo | 1,673 | 319 | Tebag | 2,832 | 553 |
| **Total** | | | | **106,331** | **19,056** |

Source: *2015 Census of Population & Housing (PSA)*

***Population Density***

The total land area of the municipality is 4,847.78­ hectares distributed in the thirty barangays.

In 2015, Mangaldan has a density of 21.93 or 22 persons per hectare while 21.51 or 22 per hectare in 2014. In ten years, by 2026, the population density will be at 25.69 or almost 26 persons per hectare.

***Labor Force***

The Municipality of Mangaldan recorded 66,240 productive population in 2015 of which 33,352 are male and 32,888 are female ages 15 up to 64 years old who belong to the labor force. However, using the 2012 Pangasinan’s employment rate of 91.77%, there are 60,788 population who are employed or 57.17 percent and the unemployed has a total population of 5,452 population or 5.13 percent. There are a total of 40,091 population aged 65 years old and over and those belong to young dependent population.