Chapter 2 Statistical abstract analysis

## I. Resident population

The "resident population" of the census refers to all nationals and non-nationals who have been living or plan to live in counties and cities within the border for 6 months or more on 00.00.AM as of November 8 of 2020.

## 1. Resident population distribution and change

(1)The resident population totaled 23,830 thousand persons in 2020. The average annual growth rate of the resident population of the decade fell to $0.3 \%$.

The resident population totaled 23,830 thousand persons in 2020 and increased by 706 thousand persons or $3.1 \%$ from 2010. It was more than the increment of 409 thousand persons or $1.8 \%$ of the registered population. Of a total of the resident population, 11,748 thousand persons or $49.3 \%$ were male and 12,082 thousand persons or $50.7 \%$ were female. Comparing with the previous censuses, the average annual growth rate of the resident population gradually fell to $0.3 \%$. Population grew modestly.

Diagram 1-1 Resident population growth in historical censuses


Note : The 1956 data of the resident population did not include servicemen on active duty and stayed in the barrack.

Diagram 1-2 Changing in the number of the resident population in historical censuses

(2)The non-national resident population increased by 357 thousand persons and most were the Southeast Asian workers.

The non-nationals (including foreign population, population of the Chinese Mainland, Hong Kong and Macau) usually living within the border accounted for 919 thousand persons in 2020 and increased by 357 thousand persons or $63.5 \%$ from 2010. Of which 802 thousand persons or $87.2 \%$ were from Southeast Asian countries, most of them were foreign workers in productive industries and social welfare (hereinafter referred to as "foreign workers") (701 thousand persons), 66 thousand persons or $7.2 \%$ from the Chinese Mainland (including Hong Kong and Macau), 52 thousand persons or $5.6 \%$ from other country. Observing by sex, the male accounted for 404 thousand persons or $43.9 \%$ and the female accounted for 516 thousand persons or $56.1 \%$. The male increased by 212 thousand persons or 1.1 -fold over the decade, higher than 145 thousand persons or $39.0 \%$ of the female because most of the foreign workers were male.

## Diagram 1-3 Non-national resident population in $\mathbf{3}$ censuses

Diagram 1-4 Nationality distribution of the non-national resident population

(3)Affected by the pandemic, the nationals usually living abroad declined in 2020.

The nationals living abroad accounted for 660 thousand persons in 2020 and rose up by 60 thousand persons or $10.0 \%$ from 2010. It was lower than the increment of 224 thousand persons from 2000 to 2010, mainly affected by global Covid-19 pandemic in 2020. The nationals return to home country or cancel to go abroad was increasing, leading to the number of the nationals usually living abroad decreased by 180 thousand persons from 2019.

Diagram 1-5 Number of the nationals living abroad in 3 censuses


Table 1-1 Geographic distribution of the resident population and registered population


Note : 1. The census reference day of 2020, 2010 and 2000 was November 8 of 2020, December 26 of 2010 and December 16 of 2000 respectively. The registered population statistics was compiled based on the household registration data of the Ministry of Interior as of the census reference day. Same for all following tables.
2. The national resident population (resident nationals) refers to the registered population living local and the non-national resident population refers to the non-nationals who have been living or plan to live within the border for 183 days based on the enter/exit border records.
(4)The population kept moving to the northern region but increased moderately, while the population in the central region grew at an accelerated pace.

Observing by regional distribution, the resident population accounted most for 11,335 thousand persons or $47.6 \%$ in the northern region, followed by 6,162 thousand persons or $25.9 \%$ in the southern region, 5,764 thousand persons or $24.2 \%$ in the central region, 490 thousand persons or $2.1 \%$ in the eastern region, 79 thousand persons or $0.3 \%$ in the Kinma region.

Observing by geographic distribution, the resident population of the 6 municipalities accounted for 17,045 thousand persons and over $70 \%$ of the total resident population. Of which New Taipei City ranked the first at 4,366 thousand persons or 18.3\%, Taichung City and Kaohsiung City stood the second and the third place at 3,034 thousand persons and 2,734 thousand persons respectively.

Observing by the growth of the resident population, the northern region grew by 627 thousand persons or $5.9 \%$ over the past 10 years, lower than 873 thousand persons or $8.9 \%$ of the last census (2000 to 2010). The central region grew by 197 thousand persons or $3.5 \%$, notably higher than 85 thousand persons or $1.6 \%$ of the last census. The southern region and the eastern region remained declining by $1.7 \%$ and $4.1 \%$ respectively, comparable to the last census.

In last 10 years, only 8 counties or cities showed an increase and 14 counties or cities reported a decrease. The resident population of New Taipei City, Taoyuan City and Taichung City grew by $7.7 \%, 11.5 \%$ and $11.1 \%$ continuously; Hsinchu County and Hsinchu City grew by 21.3\% and 4.9\% due to the population cluster effect brought by the Science Park; Tainan city showed an increase of 1.9\% from a decrease because of the development of the Tainan Science Park; Yilan County also had a similar growth pattern and increased by $1.5 \%$ as transportation prompted the commuting between Taipei City and New Taipei City; Kinmen County grew by $17.4 \%$ due to the emerging of tourism services and expanding of university enrollment.

## Diagram 1-6 2020 Resident population distribution




Diagram 1-8 Growth change of the resident population


Table 1-2 Changing in the number of the resident population

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage <br> (\%) | Changes <br> Number <br> (person) | in 10 years <br> Rate of increase or decrease (\%) | Number <br> (person) | Percentage <br> (\%) | Changes <br> Number <br> (person) | in 10 years <br> Rate of increase <br> or decrease (\%) | Number <br> (person) | Percentage <br> (\%) |
| Grand total | 23829897 | 100.0 | 706031 | 3.1 | 23123866 | 100.0 | 822937 | 3.7 | 22300929 | 100.0 |
| Northern region | 11334806 | 47.6 | 627262 | 5.9 | 10707544 | 46.3 | 872856 | 8.9 | 9834688 | 44.1 |
| New Taipei City | 4365947 | 18.3 | 311480 | 7.7 | 4054467 | 17.5 | 332385 | 8.9 | 3722082 | 16.7 |
| Taipei City | 2594581 | 10.9 | -60934 | -2.3 | 2655515 | 11.5 | 31258 | 1.2 | 2624257 | 11.8 |
| Taoyuan City | 2441064 | 10.2 | 250722 | 11.4 | 2190342 | 9.5 | 381509 | 21.1 | 1808833 | 8.1 |
| Keelung City | 367264 | 1.5 | -14545 | $-3.8$ | 381809 | 1.7 | -5 695 | -1.5 | 387504 | 1.7 |
| Hsinchu City | 499468 | 2.1 | 23195 | 4.9 | 476273 | 2.1 | 80527 | 20.3 | 395746 | 1.8 |
| Yilan County | 433319 | 1.8 | 6344 | 1.5 | 426975 | 1.8 | -17975 | -4.0 | 444950 | 2.0 |
| Hsinchu County | 633163 | 2.7 | 111000 | 21.3 | 522163 | 2.3 | 70847 | 15.7 | 451316 | 2.0 |
| Central region | 5763919 | 24.2 | 196654 | 3.5 | 5567265 | 24.1 | 85202 | 1.6 | 5482063 | 24.6 |
| Taichung City | 3033840 | 12.7 | 302784 | 11.1 | 2731056 | 11.8 | 231529 | 9.3 | 2499527 | 11.2 |
| Miaoli County | 521962 | 2.2 | -8377 | -1.6 | 530339 | 2.3 | -4 027 | -0.8 | 534366 | 2.4 |
| Changhua County | 1186795 | 5.0 | -39625 | -3.2 | 1226420 | 5.3 | -28912 | -2.3 | 1255332 | 5.6 |
| Nantou County | 430211 | 1.8 | -30658 | -6.7 | 460869 | 2.0 | -26529 | -5.4 | 487398 | 2.2 |
| Yunlin County | 591111 | 2.5 | -27470 | -4.4 | 618581 | 2.7 | -86859 | -12.3 | 705440 | 3.2 |
| Southern region | 6162328 | 25.9 | -103 924 | -1.7 | 6266252 | 27.1 | -111893 | -1.8 | 6378145 | 28.6 |
| Tainan City | 1875076 | 7.9 | 34819 | 1.9 | 1840257 | 8.0 | -6 122 | -0.3 | 1846379 | 8.3 |
| Kaohsiung City | 2734275 | 11.5 | -43109 | -1.6 | 2777384 | 12.0 | 20609 | 0.7 | 2756775 | 12.4 |
| Chiayi City | 252028 | 1.1 | -15623 | -5.8 | 267651 | 1.2 | 1525 | 0.6 | 266126 | 1.2 |
| Chiayi County | 464164 | 1.9 | -28817 | -5.8 | 492981 | 2.1 | -59 768 | -10.8 | 552749 | 2.5 |
| Pingtung County | 755047 | 3.2 | -45965 | $-5.7$ | 801012 | 3.5 | -71890 | -8.2 | 872902 | 3.9 |
| Penghu County | 81738 | 0.3 | - 5229 | -6.0 | 86967 | 0.4 | 3753 | 4.5 | 83214 | 0.4 |
| Eastern region | 489858 | 2.1 | -21 122 | -4.1 | 510980 | 2.2 | -21 003 | -3.9 | 531983 | 2.4 |
| Taitung County | 189452 | 0.8 | -11587 | -5.8 | 201039 | 0.9 | -3880 | -1.9 | 204919 | 0.9 |
| Hualien County | 300406 | 1.3 | -9535 | -3.1 | 309941 | 1.3 | -17 123 | -5.2 | 327064 | 1.5 |
| Kinma region | 78986 | 0.3 | 7161 | 10.0 | 71825 | 0.3 | -2 225 | -3.0 | 74050 | 0.3 |
| Kinmen County | 67173 | 0.3 | 9952 | 17.4 | 57221 | 0.2 | 946 | 1.7 | 56275 | 0.3 |
| Lienchiang County | 11813 | 0.0 | -2791 | -19.1 | 14604 | 0.1 | -3171 | -17.8 | 17775 | 0.1 |

(5)The nationals not registered at their usually living place increased to 6,376 thousand persons or $\mathbf{2 7 . 8} \%$.

The nationals may not live at their registration place due to work, study or family factors. The national resident population totaled 22,911 thousand persons in 2020, of which 16,534 thousand persons or $72.2 \%$ registered at usually living place, while 6,376 thousand persons or $27.8 \%$ did not registered at usually living place and increased by 8.7 percentage points from 19.1\% in 2010.

Diagram 1-9 Registration status of the nationals in 2 censuses


Observing by geographic distribution, New Taipei City, Taichung City, Taoyuan City, Hsinchu County and Hsinchu City offered more job opportunities due to rapid industrial development, attracting people of other counties and cities and leading to more of the resident population than the registered population.

Diagram 1-10 2020 Comparison of the national resident population and registered population


Table 1-3 Household registration status of the national resident population

|  | National resident population |  |  |  | Registered population |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grand total (person) | Percentage | Registered at usually living place | Not registered at usually living place | Grand total (person) | Percentage | Registered and usually living | Registered but not usually living |
| Number (person) | 22561633 |  | 18257790 | 4303843 | 23161517 |  | 18257790 | 4903727 |
| Percentage |  | 100.0 | 80.9 | 19.1 |  | 100.0 | 78.8 | 21.2 |
| Number (person) | 22910478 |  | 16534336 | 6376142 | 23570130 |  | 16534336 | 7035794 |
| Percentage |  | 100.0 | 72.2 | 27.8 |  | 100.0 | 70.1 | 29.9 |
| Northern region | 10889927 | 100.0 | 71.8 | 28.2 | 10748007 | 100.0 | 72.8 | 27.2 |
| New Taipei City | 4240833 | 100.0 | 73.5 | 26.5 | 4030888 | 100.0 | 77.3 | 22.7 |
| Taipei City | 2498163 | 100.0 | 69.1 | 30.9 | 2608324 | 100.0 | 66.2 | 33.8 |
| Taoyuan City | 2305795 | 100.0 | 73.8 | 26.2 | 2266819 | 100.0 | 75.1 | 24.9 |
| Keelung City | 359671 | 100.0 | 71.2 | 28.8 | 367892 | 100.0 | 69.6 | 30.4 |
| Hsinchu City | 474566 | 100.0 | 66.6 | 33.4 | 450958 | 100.0 | 70.1 | 29.9 |
| Yilan County | 414459 | 100.0 | 69.8 | 30.2 | 453349 | 100.0 | 63.8 | 36.2 |
| Hsinchu County | 596440 | 100.0 | 69.4 | 30.6 | 569777 | 100.0 | 72.7 | 27.3 |
| Central region | 5506755 | 100.0 | 73.0 | 27.0 | 5798953 | 100.0 | 69.4 | 30.6 |
| Taichung City | 2910553 | 100.0 | 70.0 | 30.0 | 2818435 | 100.0 | 72.3 | 27.7 |
| Miaoli County | 493916 | 100.0 | 74.8 | 25.2 | 543231 | 100.0 | 68.0 | 32.0 |
| Changhua County | 1122800 | 100.0 | 77.7 | 22.3 | 1268070 | 100.0 | 68.8 | 31.2 |
| Nantou County | 414336 | 100.0 | 76.8 | 23.2 | 491552 | 100.0 | 64.7 | 35.3 |
| Yunlin County | 565150 | 100.0 | 75.0 | 25.0 | 677665 | 100.0 | 62.6 | 37.4 |
| Southern region | 5957570 | 100.0 | 72.7 | 27.3 | 6329461 | 100.0 | 68.5 | 31.5 |
| Tainan City | 1801692 | 100.0 | 73.9 | 26.1 | 1875923 | 100.0 | 71.0 | 29.0 |
| Kaohsiung City | 2649448 | 100.0 | 72.6 | 27.4 | 2767703 | 100.0 | 69.5 | 30.5 |
| Chiayi City | 247221 | 100.0 | 68.9 | 31.1 | 266222 | 100.0 | 64.0 | 36.0 |
| Chiayi County | 446822 | 100.0 | 69.4 | 30.6 | 500079 | 100.0 | 62.0 | 38.0 |
| Pingtung County | 734296 | 100.0 | 74.1 | 25.9 | 813585 | 100.0 | 66.9 | 33.1 |
| Penghu County | 78091 | 100.0 | 69.9 | 30.1 | 105949 | 100.0 | 51.5 | 48.5 |
| Eastern region | 479184 | 100.0 | 65.0 | 35.0 | 540091 | 100.0 | 57.6 | 42.4 |
| Taitung County | 186402 | 100.0 | 65.2 | 34.8 | 215466 | 100.0 | 56.4 | 43.6 |
| Hualien County | 292782 | 100.0 | 64.8 | 35.2 | 324625 | 100.0 | 58.5 | 41.5 |
| Kinma region | 77042 | 100.0 | 60.9 | 39.1 | 153618 | 100.0 | 30.6 | 69.4 |
| Kinmen County | 65407 | 100.0 | 63.6 | 36.4 | 140448 | 100.0 | 29.7 | 70.3 |
| Lienchiang County | 11635 | 100.0 | 45.8 | 54.2 | 13170 | 100.0 | 40.5 | 59.5 |

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## 2. Age structure

(1)The number of the 37 to 42 years of single age group reached a peak in 2020.

The average age of the resident population was 41.4 years and the median age was 41 years, increased by 4 years and 5 years respectively from 2010. Age 34-years was a turning point for the number of male and female. The male under 34 years were more than that of the female, the female over 34 years were more than that of the male. Observing by single age group, the 37 to 42 years age group reached a peak at 400 thousand persons, the number decreased gradually from 300 thousand persons of those under 20 years to 169 thousand persons of those aged 10 years. Those under 10 years were less than 200 thousand persons.

Observing by age distribution change, affected by childlessness and aging, the 65 to 69 years age group and the 60 to 64 years age group increased by 677 thousand persons and 633 thousand persons respectively in recent 10 years, the 10 to 14 years age group and the 15 to 19 years age group decreased by 526 thousand persons and 426 thousand persons respectively

Table 2-1 Average age and median age of the resident population in 3 censuses

|  | 2020 |  |  | 2010 |  |  | 2000 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Resident <br> population <br> (person) | Average <br> age <br> (years) | Median <br> age <br> (years) | Resident <br> population <br> (person) | Average <br> age <br> (years) | Median <br> age <br> (years) | Resident <br> population <br> (person) | Average <br> age <br> (years) | Median <br> age <br> (years) |
| Grand total | $\mathbf{2 3 8 2 9 8 9 7}$ | $\mathbf{4 1 . 4}$ | $\mathbf{4 1}$ | $\mathbf{2 3 1 2 3 8 6 6}$ | $\mathbf{3 7 . 4}$ | $\mathbf{3 6}$ | $\mathbf{2 2 3 0 0 9 2 9}$ | $\mathbf{3 2 . 9}$ | $\mathbf{3 1}$ |
| Male | 11747698 | 40.5 | 40 | 11489285 | 36.8 | 36 | 11386084 | 32.7 | 31 |
| Female | 12082199 | 42.4 | 42 | 11634581 | 37.9 | 37 | 10914845 | 33.1 | 31 |

Diagram 2-1 Age distribution of the resident population


Diagram 2-2 Resident population change by age in 10 years
10 thousand perosn


Table 2-2 Age structure of the resident population

| \% |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grand total |  | Age structure |  |  | Average age (years) |
|  | Number (person) | Percentage | Under 15 years | 15-64 years | 65 years and over |  |
| Number (person) | 22300929 |  | 4664891 | 15749390 | 1886648 | 32.9 |
| Percentage | 100.0 |  | 20.9 | 70.6 | 8.5 |  |
| \{ Number (person) | 23123866 | 100.0 | 3582513 | 17096593 | 2444760 | 37.4 |
| Percentage |  |  | 15.5 | 73.9 | 10.6 |  |
| \{ Number (person) | 2382989 | 100.0 | 2913287 | 17246508 | 3670102 | 41.4 |
| Percentage |  |  | 12.2 | 72.4 | 15.4 |  |
| Northern region | 11334806 | 100.0 | 11.9 | 73.7 | 14.3 | 40.9 |
| New Taipei City | 4365947 | 100.0 | 10.9 | 75.5 | 13.5 | 41.0 |
| Taipei City | 2594581 | 100.0 | 10.9 | 71.0 | 18.1 | 43.0 |
| Taoyuan City | 2441064 | 100.0 | 13.1 | 74.9 | 12.0 | 39.2 |
| Keelung City | 367264 | 100.0 | 10.9 | 71.6 | 17.5 | 43.5 |
| Hsinchu City | 499468 | 100.0 | 14.7 | 73.9 | 11.4 | 38.0 |
| Yilan County | 433319 | 100.0 | 12.4 | 69.5 | 18.1 | 42.9 |
| Hsinchu County | 633163 | 100.0 | 16.0 | 72.4 | 11.6 | 38.2 |
| Central region | 5763919 | 100.0 | 13.3 | 71.0 | 15.6 | 41.2 |
| Taichung City | 3033840 | 100.0 | 13.5 | 73.5 | 13.0 | 39.8 |
| Miaoli County | 521962 | 100.0 | 13.6 | 68.5 | 17.9 | 42.4 |
| Changhua County | 1186795 | 100.0 | 13.4 | 69.5 | 17.1 | 42.1 |
| Nantou County | 430211 | 100.0 | 12.6 | 67.0 | 20.4 | 44.6 |
| Yunlin County | 591111 | 100.0 | 12.7 | 66.8 | 20.5 | 43.7 |
| Southern region | 6162328 | 100.0 | 11.7 | 71.4 | 16.9 | 42.5 |
| Tainan City | 1875076 | 100.0 | 11.9 | 72.3 | 15.9 | 41.7 |
| Kaohsiung City | 2734275 | 100.0 | 11.6 | 72.2 | 16.2 | 42.2 |
| Chiayi City | 252028 | 100.0 | 13.2 | 68.4 | 18.4 | 43.7 |
| Chiayi County | 464164 | 100.0 | 11.1 | 68.2 | 20.7 | 44.5 |
| Pingtung County | 755047 | 100.0 | 11.3 | 69.7 | 19.0 | 43.7 |
| Penghu County | 81738 | 100.0 | 11.3 | 71.8 | 16.9 | 42.4 |
| Eastern region | 489858 | 100.0 | 13.1 | 68.6 | 18.3 | 42.8 |
| Taitung County | 189452 | 100.0 | 14.3 | 67.0 | 18.7 | 42.9 |
| Hualien County | 300406 | 100.0 | 12.3 | 69.6 | 18.1 | 42.8 |
| Kinma region | 78986 | 100.0 | 15.4 | 69.6 | 15.0 | 39.3 |
| Kinmen County | 67173 | 100.0 | 16.4 | 67.5 | 16.1 | 39.9 |
| Lienchiang County | 11813 | 100.0 | 10.1 | 81.2 | 8.7 | 35.8 |

(2)The population grew rapidly to an aging society. The working-age population showed a negative growth.

The resident population (not including foreign workers) totaled 23,129 thousand persons in 2020. The child population aged under 15 years accounted for 2,913 thousand persons or $12.6 \%$, a continuous decrease of 669 thousand persons or $18.7 \%$ from 2010 but lower than $23.2 \%$ of the last census. The working-age population aged 15 to 64 years accounted for 16,545 thousand persons or $71.5 \%$, also had a decrease of 171 thousand persons or $1.0 \%$ and showed a negative growth historically. The elder population aged 65 years and over accounted for 3,670 thousand persons or $15.9 \%$, a sharply increase of 1,225 thousand persons or $50.1 \%$. The society progressed rapidly to an aging society. The age structure revealed that the child population kept declining, the working-age population climbing to a peak then turning downward, while the elder population remaining grow fast.

The average age of the resident population (not including foreign workers) was 41.7 years in 2020 and increased by 4.2 years from 2010. Because of working or study, more of young population moved to Hsinchu City, Hsinchu County and Taoyuan City. The population aged under 50 years comprised over $65 \%$ and the average age was younger than 40 years. The young population of Nantou County, Yunlin County and Chiayi County decreased continuously, 65 years and over comprised over $20 \%$ and the average age was older than 44 years.

Diagram 2-3 Resident population (not including foreign workers) by age in historical censuses


Diagram 2-4 Age structure and average age of the resident population (not including foreign workers) in historical censuses


Table 2-3 Age structure of the resident population (not including foreign workers)


Note : This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor (301,078 persons in 2000, 379,800 persons in 2010, 701,120 persons in 2020).
(2)Nearly three quarters of the population aged 25 to 49 years usually lived in the 6 municipalities.

The resident population aged 25 to 49 years totaled 8,692 thousand persons and nearly three quarters lived in the 6 municipalities. Comparing with the last 2 censuses, the proportion of the 25 to 49 years age group to the total population remained rising for Taoyuan City, New Taipei City, Taichung City, Hsinchu County and Hsinchu City.

## Diagram 2-5 Geographic distribution of the resident

population aged 25 to 49 years in $\mathbf{3}$ censuses


Diagram 2-6 Percentage increase or decrease of the resident population aged 25 to 49 years


Table 2-4 Changing in the number of the resident population aged 25 to 49 years

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage(\%) | Changes in 10 years |  | Number(person) | Percentage(\%) | Changes in 10 years |  | Number <br> (person) | Percentage(\%) |
|  |  |  | Number <br> (person) | Rate of increase or decrease (\%) |  |  | Number <br> (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 8691751 | 100.0 | -606940 | -6.5 | 9298691 | 100.0 | 342984 | 3.8 | 8955707 | 100.0 |
| Northern region | 4336316 | 49.9 | - 148241 | -3.3 | 4484557 | 48.2 | 407237 | 10.0 | 4077320 | 45.5 |
| New Taipei City | 1740132 | 20.0 | -37595 | -2.1 | 1777727 | 19.1 | 166862 | 10.4 | 1610865 | 18.0 |
| Taipei City | 929262 | 10.7 | - 143183 | -13.4 | 1072445 | 11.5 | -24 730 | -2.3 | 1097175 | 12.3 |
| Taoyuan City | 947001 | 10.9 | 31359 | 3.4 | 915642 | 9.8 | 201221 | 28.2 | 714421 | 8.0 |
| Keelung City | 128584 | 1.5 | -26 352 | -17.0 | 154936 | 1.7 | -7 394 | -4.6 | 162330 | 1.8 |
| Hsinchu City | 201508 | 2.3 | 3289 | 1.7 | 198219 | 2.1 | 40775 | 25.9 | 157444 | 1.8 |
| Yilan County | 139692 | 1.6 | - 13422 | -8.8 | 153114 | 1.6 | -12977 | -7.8 | 166091 | 1.9 |
| Hsinchu County | 250137 | 2.9 | 37663 | 17.7 | 212474 | 2.3 | 43480 | 25.7 | 168994 | 1.9 |
| Central region | 2023817 | 23.3 | - 137609 | -6.4 | 2161426 | 23.2 | 44567 | 2.1 | 2116859 | 23.6 |
| Taichung City | 1132731 | 13.0 | 10634 | 0.9 | 1122097 | 12.1 | 104959 | 10.3 | 1017138 | 11.4 |
| Miaoli County | 170554 | 2.0 | -22909 | -11.8 | 193463 | 2.1 | 327 | 0.2 | 193136 | 2.2 |
| Changhua County | 403372 | 4.6 | -63282 | -13.6 | 466654 | 5.0 | -2 847 | -0.6 | 469501 | 5.2 |
| Nantou County | 133056 | 1.5 | - 28712 | -17.7 | 161768 | 1.7 | -21807 | -11.9 | 183575 | 2.0 |
| Yunlin County | 184104 | 2.1 | -33 340 | -15.3 | 217444 | 2.3 | -36 065 | -14.2 | 253509 | 2.8 |
| Southern region | 2146538 | 24.7 | -303825 | -12.4 | 2450363 | 26.4 | -95402 | -3.7 | 2545765 | 28.4 |
| Tainan City | 666831 | 7.7 | -61909 | -8.5 | 728740 | 7.8 | -6636 | -0.9 | 735376 | 8.2 |
| Kaohsiung City | 988888 | 11.4 | - 140496 | -12.4 | 1129384 | 12.1 | -7645 | -0.7 | 1137029 | 12.7 |
| Chiayi City | 82597 | 1.0 | -18293 | -18.1 | 100890 | 1.1 | -4 636 | -4.4 | 105526 | 1.2 |
| Chiayi County | 139167 | 1.6 | -31998 | -18.7 | 171165 | 1.8 | -32 218 | -15.8 | 203383 | 2.3 |
| Pingtung County | 240938 | 2.8 | -48884 | -16.9 | 289822 | 3.1 | -46885 | -13.9 | 336707 | 3.8 |
| Penghu County | 28117 | 0.3 | -2 245 | -7.4 | 30362 | 0.3 | 2618 | 9.4 | 27744 | 0.3 |
| Eastern region | 156585 | 1.8 | -21814 | -12.2 | 178399 | 1.9 | -19 237 | -9.7 | 197636 | 2.2 |
| Taitung County | 60621 | 0.7 | -11026 | -15.4 | 71647 | 0.8 | -5 319 | -6.9 | 76966 | 0.9 |
| Hualien County | 95964 | 1.1 | - 10788 | -10.1 | 106752 | 1.1 | -13918 | -11.5 | 120670 | 1.3 |
| Kinma region | 28495 | 0.3 | 4549 | 19.0 | 23946 | 0.3 | 5819 | 32.1 | 18127 | 0.2 |
| Kinmen County | 23456 | 0.3 | 4025 | 20.7 | 19431 | 0.2 | 4857 | 33.3 | 14574 | 0.2 |
| Lienchiang <br> County | 5039 | 0.1 | 524 | 11.6 | 4515 | 0.0 | 962 | 27.1 | 3553 | 0.0 |

Note : This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.

## 3. Marital status

(1)The unmarried rate of the population aged 25 years and over grew up, the divorced or separated middle-aged population kept rising.
The population aged 15 years and over totaled 20,215 thousand persons in 2020. Of which the unmarried population accounted for 6,363 thousand persons or $31.5 \%$, decreased by 1.5 percentage points from 2010. The married or cohabited population totaled 11,203 thousand persons or $55.4 \%$, slightly declined by 0.7 percentage points. The divorced (including separated) population totaled 1,349 thousand persons or $6.7 \%$, rose up by 1.2 percentage points. The widowed population totaled 1,301 thousand persons or $6.4 \%$, also increased by 1 percentage point.

Table 3-1 Marital status of the resident population aged 15 years and over


Observing by sex and age, the unmarried rate increased for all of the 25 to 69 years age groups of both sexes. The male married rate for the 35 to 39 years was $57.8 \%$ which was higher than $36.8 \%$ of the unmarried rate and reached at $84.3 \%$ peak for the 65 to 69 years age group. The female married rate for the 30 to 34 years age group was $53.9 \%$ which was higher than $42.1 \%$ of the unmarried rate and reached at $73.2 \%$ peak for the 55 to 59 years age group. The divorce rate for the 45 to 59 years age group of both sexes was over $10 \%$. The widow rate for the male aged 75 years and over was $22.0 \%$, apparently lower than that of the female $62.0 \%$. Observing by the recent 3 censuses, the first marriage age was postponed for both sexes, the married rate was gradually decreasing, the divorced or separated middle-aged population kept increasing. The female widowed population was more than the male widowed population because most of the female was younger than her spouse or unmarried partner and had a longer life expectancy.

Diagram 3-1 Marital status of the resident population aged 15 years and over


Table 3-2 Marital status of the resident population aged 15 years and over

|  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |

[^1]
## 4. Language usage

About $66.4 \%$ of the primary use language was Mandarin and $31.7 \%$ was Taiwanese.
The resident nationals aged 6 years and over totaled 21,784 thousand persons, $66.4 \%$ of the primary use language was Mandarin and $31.7 \%$ was Taiwanese, $54.3 \%$ of the secondary use language was Taiwanese and $30.4 \%$ was Mandarin. For the primary or secondary use language, $96.8 \%$ was Mandarin, $86.0 \%$ was Taiwanese, $5.5 \%$ was Hakka and $1.1 \%$ was Indigenous.

Observing by age, $92.1 \%$ of the resident nationals aged 6 to 14 years used Mandarin as the primary language. It tended to decrease with increasing of age. It decreased to $28.5 \%$ for the resident nationals aged 65 years and over while those used Taiwanese relatively increased from $7.4 \%$ to $65.9 \%$.

Table 4-1 Language usage for the resident nationals aged 6 years and over

$$
2020
$$

Unit: \%

|  | Resident nationals <br> 6 years and over |  | Primary use |  |  |  |  | Secondary use |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (person) | Percentage | Mandarin | Taiwanese | Hakka | Indigenous | Other | Mandarin | Taiwanese | Hakka | Indigenous | Other language | None |
| Grand total | 21784369 | 100.0 | 66.4 | 31.7 | 1.5 | 0.2 | 0.2 | 30.4 | 54.3 | 4.0 | 0.9 | 2.0 | 8.4 |
| 6-14 years | 1778017 | 100.0 | 92.1 | 7.4 | 0.3 | 0.0 | 0.2 | 7.7 | 69.4 | 3.8 | 1.3 | 2.8 | 15.0 |
| 15-24 years | 2620831 | 100.0 | 88.6 | 10.9 | 0.3 | 0.0 | 0.2 | 11.2 | 71.8 | 3.6 | 1.2 | 2.8 | 9.4 |
| 25-34 years | 3059716 | 100.0 | 83.8 | 15.5 | 0.4 | 0.1 | 0.2 | 15.8 | 69.5 | 3.9 | 1.0 | 2.7 | 7.1 |
| 35-44 years | 3797202 | 100.0 | 77.5 | 21.6 | 0.6 | 0.1 | 0.3 | 21.9 | 65.4 | 4.1 | 0.9 | 2.5 | 5.2 |
| 45 - 54 years | 3463225 | 100.0 | 66.6 | 31.9 | 1.0 | 0.2 | 0.2 | 32.3 | 56.4 | 4.4 | 1.0 | 1.6 | 4.3 |
| $55-64$ years | 3399871 | 100.0 | 48.4 | 48.9 | 2.1 | 0.4 | 0.2 | 49.0 | 40.0 | 4.4 | 0.8 | 1.0 | 4.8 |
| 65 years and over | 3665507 | 100.0 | 28.5 | 65.9 | 4.8 | 0.6 | 0.2 | 57.2 | 21.5 | 3.5 | 0.4 | 1.1 | 16.3 |

Note: Other includes other language, unknown or none; other language includes dialects, foreign languages, other country sign languages, etc.

Observing by geographic distribution, Mandarin was primarily used in the northern region, of which Taipei City, Taoyuan City, Hsinchu City and Hsinchu County reported over $80 \%$. Taiwanese was primarily used in Changhua County, Yunlin County and Chiayi County, representing $60 \%$. Observing by both primary and secondary use languages, Hakka was used in Hsinchu County and Miaoli County, representing over 40\%; Indigenous was used in Taitung County and Hualien County, representing $22.2 \%$ and $17.0 \%$ respectively.

## Diagram 4-1 2020 Geographic distribution of language usage for the resident nationals aged 6 years and over



## Diagram 4-1 2020 Geographic distribution of language usage for the resident nationals aged 6 years and over (continued)



Observing by the development and application of the language earliest learned in childhood for the resident nationals aged 6 years and over, Mandarin stood at 40.4\%, Taiwanese 53.2\%, Hakka 4.6\%, Indigenous $0.8 \%$, other languages $0.8 \%$. For the language earliest learned in childhood and also primarily used now, Mandarin ranked the first at $96.1 \%$, followed by Taiwanese 56.1\%, Hakka 30.8\% and Indigenous $27.2 \%$. As for the language earliest learned in childhood and also primarily or secondarily used now, both Mandarin and Taiwanese represented over 99\%,

[^2]
## 5. Educational status

(1)Higher education is prevalent. The population with junior college and higher level increased nearly 3,000 thousand persons in recent 10 years.

The resident population aged 15 years and over (not including foreign workers) accounted for 20,215 thousand persons in 2020. A total of 1,444 thousand persons or $7.1 \%$ completed graduate school (graduated), 5,294 thousand persons or $26.2 \%$ completed university, 1,996 thousand persons or $9.9 \%$ completed junior college, the junior college and higher level totaled 8,733 thousand persons or reached at $43.2 \%, 6,212$ thousand persons or $30.7 \%$ completed senior high, 5,072 thousand persons or $25.1 \%$ completed junior high and elementary school. A total of 199 thousand persons or $1.0 \%$ were illiterate and self-educated.

Comparing with 2010, the population with university and higher level grew fast due to the reform of the academic system of the junior college and the expansion of universities and graduate schools. Those with graduate school level increased by 836 thousand persons or 1.4-fold. Those with university level increased by 2,270 thousand persons or $75.1 \%$. Those with junior college level decreased by 110 thousand persons or $5.2 \%$. Those with senior high level increased only by 58 thousand persons or $0.9 \%$ brought by high school-enrollment effect. Those with junior high level kept decreasing by 741 thousand persons or $19.7 \%$. Those with elementary level kept decreasing by 1,069 thousand persons or $34.2 \%$. The illiterate and self-educated population also decreased by 191 thousand persons or $49.0 \%$.

Diagram 5-1 The highest level of education of the resident population 15 years and over in 3 censuses


Diagram 5-2 Changing of the highest level of education of the resident population 15 years and over in 2 censuses


Table 5-1 Changing in the highest level of education of the resident population aged 15 years and over
(not including foreign workers)

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) |
|  |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 20215490 | 100.0 | 1053937 |  | 19161553 | 100.0 | 1826593 | 10.5 | 17334960 | 100.0 |
| Illiterate or self-educated | 198833 | 1.0 | - 190899 | -49.0 | 389732 | 2.0 | -422 490 | -52.0 | 812222 | 4.7 |
| Elementary | 2052017 | 10.2 | -1 068823 | -34.2 | 3120840 | 16.3 | - 804713 | -20.5 | 3925553 | 22.6 |
| Junior high | 3020169 | 14.9 | - 740670 | -19.7 | 3760839 | 19.6 | - 142148 | -3.6 | 3902987 | 22.5 |
| Senior high | 6211561 | 30.7 | 58160 | 0.9 | 6153401 | 32.1 | 700551 | 12.8 | 5452850 | 31.5 |
| Junior college | 1995537 | 9.9 | - 110186 | -5.2 | 2105723 | 11.0 | 422945 | 25.1 | 1682778 | 9.7 |
| University | 5293776 | 26.2 | 2269905 | 75.1 | 3023871 | 15.8 | 1705425 | 129.4 | 1318446 | 7.6 |
| Graduate school | 1443597 | 7.1 | 836450 | 137.8 | 607147 | 3.2 | 367023 | 152.8 | 240124 | 1.4 |
| Male | 9913382 | 100.0 | 435038 | 4.6 | 9478344 | 100.0 | 680948 | 7.7 | 8797396 | 100.0 |
| Illiterate or self-educated | 19957 | 0.2 | - 36295 | -64.5 | 56252 | 0.6 | - 126286 | -69.2 | 182538 | 2.1 |
| Elementary | 758046 | 7.6 | - 557826 | -42.4 | 1315872 | 13.9 | - 521775 | -28.4 | 1837647 | 20.9 |
| Junior high | 1542228 | 15.6 | -454 647 | -22.8 | 1996875 | 21.1 | - 157789 | -7.3 | 2154664 | 24.5 |
| Senior high | 3161790 | 31.9 | 44001 | 1.4 | 3117789 | 32.9 | 335793 | 12.1 | 2781996 | 31.6 |
| Junior college | 1000875 | 10.1 | -89 113 | -8.2 | 1089988 | 11.5 | 169548 | 18.4 | 920440 | 10.5 |
| University | 2560150 | 25.8 | 1057129 | 70.3 | 1503021 | 15.9 | 752543 | 100.3 | 750478 | 8.5 |
| Graduate school | 870336 | 8.8 | 471789 | 118.4 | 398547 | 4.2 | 228914 | 134.9 | 169633 | 1.9 |
| Female | 10302108 | 100.0 | 618899 | 6.4 | 9683209 | 100.0 | 1145645 | 13.4 | 8537564 | 100.0 |
| Illiterate or self-educated | 178876 | 1.7 | - 154604 | -46.4 | 333480 | 3.4 | -296204 | -47.0 | 629684 | 7.4 |
| Elementary | 1293971 | 12.6 | - 510997 | -28.3 | 1804968 | 18.6 | - 282938 | -13.6 | 2087906 | 24.5 |
| Junior high | 1477941 | 14.3 | - 286023 | -16.2 | 1763964 | 18.2 | 15641 | 0.9 | 1748323 | 20.5 |
| Senior high | 3049771 | 29.6 | 14159 | 0.5 | 3035612 | 31.3 | 364758 | 13.7 | 2670854 | 31.3 |
| Junior college | 994662 | 9.7 | -21073 | -2.1 | 1015735 | 10.5 | 253397 | 33.2 | 762338 | 8.9 |
| University | 2733626 | 26.5 | 1212776 | 79.7 | 1520850 | 15.7 | 952882 | 167.8 | 567968 | 6.7 |
| Graduate school | 573261 | 5.6 | 364661 | 174.8 | 208600 | 2.2 | 138109 | 195.9 | 70491 | 0.8 |

Note: 1.This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.
2.The data of the highest level of education were not collected from school enrollment population and the uncompleted population in 2000 and 2010 , thus the data were the estimation of the prior level.
(2)The higher education gap between male and female kept shrinking. The young female reported higher proportion of higher education than the male counterpart.
The completion rate of junior college and higher level was $44.7 \%$ and $41.8 \%$ for the male and the female respectively in 2020. The rate of the senior high, junior high and the elementary level decreased gradually. Observing by the recent 3 censuses, the completion rate of junior college and higher level of the male and the female increased by 23.8 percentage points and 25.4 percentage points respectively. The higher education gap between the male and the female shrank from 4.5 percentage points in 2000 to 2.9 percentage points in 2020 . The female completion rate of university already exceeded that of the male in 2020.

Table 5-2 The highest level of education of the resident population aged 15 years and over

| Unit : \% |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grand total |  | Elementary and lower | Junior high | Senior high | Junior college and higher |  |  |  |
|  | Number (person) | Percentage |  |  |  | Total | Junior <br> college | University | Graduate school |
| 2000 | 17334 | 100.0 | 27.3 | 22.5 | 31.5 | 18.7 | 9.7 | 7.6 | 1.4 |
| Male | 8797 | 100.0 | 23.0 | 24.5 | 31.6 | 20.9 | 10.5 | 8.5 | 1.9 |
| Female | 8537 | 100.0 | 31.8 | 20.5 | 31.3 | 16.4 | 8.9 | 6.7 | 0.8 |
| 2010 | 19161 | 100.0 | 18.3 | 19.6 | 32.1 | 29.9 | 11.0 | 15.8 | 3.2 |
| Male | 9478 | 100.0 | 14.5 | 21.1 | 32.9 | 31.6 | 11.5 | 15.9 | 4.2 |
| Female | 9683 | 100.0 | 22.1 | 18.2 | 31.3 | 28.3 | 10.5 | 15.7 | 2.2 |
| 2020 | 20215 | 100.0 | 11.1 | 14.9 | 30.7 | 43.2 | 9.9 | 26.2 | 7.1 |
| Male | 9913 | 100.0 | 7.8 | 15.6 | 31.9 | 44.7 | 10.1 | 25.8 | 8.8 |
| Female | 10302 | 100.0 | 14.3 | 14.3 | 29.6 | 41.8 | 9.7 | 26.5 | 5.6 |

Observing by age and sex, the female 25 to 29 years completed junior college and higher level stood at $80.4 \%, 77.1 \%$ for the 30 to 34 years age group, $60 \%$ and over for the 35 to 44 years age group, all higher than that of the male counterpart. For all age groups of 50 years and over, more with senior high and lower level. As for 65 years and over, $37.4 \%$ of the male with elementary and lower level and $59.5 \%$ for the female. Generally, the young female reported a higher completion rate of junior college and higher level than that of the male counterpart. The rate of the male with graduate school level was still higher than that of the female for all age groups.

Diagram 5-3 2020 The highest level of education of the resident population 15 years and over


Table 5-3 The highest level of education of the resident population aged 15 years and over
(not including foreign workers) by age


[^3]
## 6. Working status

(1)The job holding rate of the civilian resident population aged 15 years and over was $59.4 \%$. The gap between male and female shrank gradually.
The civilian resident population aged 15 years and over (not including servicemen and institutional population) totaled 20,643 thousand persons in 2020, of which the employed population totaled 12,259 thousand persons or $59.4 \%$, the population not holding a job totaled 8,384 thousand persons or $40.6 \%$. The employed population increased by 1,362 thousand persons or 2.7 percentage points in 10 years.

Observing by sex, the male job holding rate was $66.5 \%$ and slightly rose up by 1.0 percentage point from 2010 , the female job holding rate was $52.7 \%$ and notably rose up by 4.2 percentage points. The gap between the male and the female shrank gradually.

Table 6-1 Working status of the civilian resident population aged 15 years and over

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Job <br> Holding rate (\%) | Changes in 10 years |  | Number <br> (person) | Job <br> Holding <br> rate <br> (\%) | Changes in 10 years |  | Number <br> (person) | Job <br> Holding rate (\%) |
|  | Number <br> (person) |  | Number of increase or decrease <br> (person) | Rate of increase or decrease (\%) |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 20643285 |  | 1441371 | 7.5 | 19201914 |  | 1936684 | 11.2 | 17265230 |  |
| Holding a job | 12258853 | 59.4 | 1362499 | 12.5 | 10896354 | 56.7 | 754378 | 7.4 | 10141976 | 58.7 |
| Male | 6644803 | 66.5 | 552164 | 9.1 | 6092639 | 65.5 | 221759 | 3.8 | 5870880 | 68.3 |
| Female | 5614050 | 52.7 | 810335 | 16.9 | 4803715 | 48.5 | 532619 | 12.5 | 4271096 | 49.3 |
| Not holding a job | 8384432 |  | 78872 | 0.9 | 8305560 |  | 1182306 | 16.6 | 7123254 |  |

Note : The civilian population does not include servicemen and institutional population.

Observing by age, the employed population aged 55 years and over totaled 2,289 thousand persons and increased by 1,031 thousand persons or $82.0 \%$ from 2010. The rate to the total employed population was $18.7 \%$ and increased by 7.2 percentage points from 2010 . The employed population was aging. The job holding rate reached at $84.7 \%$ for both the 25 to 34 years and 35 to 44 years age group. The rate decreased to $78.0 \%$ for the 45 to 54 years age group. It also decreased for the 55 years and over. Comparing with 2010, the job holding rate showed an increase for all age groups.

Diagram 6-1 Changing in the number of the employed population and job holding rate

(2)The employed non-nationals grew to 794 thousand persons or 6.5\%.

Observing the employed population by nationality, 11,465 thousand persons or $93.5 \%$ were the nationals and 794 thousand persons or $6.5 \%$ were the non-nationals. Comparing with 2010, the employed nationals increased by 1,012 thousand persons or $9.7 \%$, higher than the increment of 638 thousand persons or $6.5 \%$ in 2010. The employed nonnationals increased by 351 thousand persons (foreign workers increased by 321 thousand persons) or $79.1 \%$, higher than the increment of 117 thousand persons or $35.7 \%$ in 2010 . Observing by the recent 3 censuses, the employed non-nationals increased continuously by 3.3 percentage points over the past 2 decades.

## Diagram 6-2 Changing in the number of the

 employed population in 2 censuses

Table 6-2 The employed civilian resident population aged 15 years and over by nationality

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) |
|  |  |  | Number of increase or decrease (person) | Rate of increase <br> or decrease <br> (\%) |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 12258853 | 100.0 | 1362499 | 12.5 | 10896354 | 100.0 | 754378 | 7.4 | 10141976 | 100.0 |
| Nationals | 11464655 | 93.5 | 1011618 | 9.7 | 10453037 | 95.9 | 637793 | 6.5 | 9815244 | 96.8 |
| Non-nationals | 794198 | 6.5 | 350881 | 79.1 | 443317 | 4.1 | 116585 | 35.7 | 326732 | 3.2 |
| Foreign workers | 701120 | 5.7 | 321320 | 84.6 | 379800 | 3.5 | 78722 | 26.1 | 301078 | 3.0 |
| Male | 6644803 | 100.0 | 552164 | 9.1 | 6092639 | 100.0 | 221759 | 3.8 | 5870880 | 100.0 |
| Nationals | 6279972 | 94.5 | 354273 | 6.0 | 5925699 | 97.3 | 231862 | 4.1 | 5693837 | 97.0 |
| Non-nationals | 364831 | 5.5 | 197891 | 118.5 | 166940 | 2.7 | -10 103 | -5.7 | 177043 | 3.0 |
| Foreign workers | 320519 | 4.8 | 180124 | 128.3 | 140395 | 2.3 | -18849 | -11.8 | 159244 | 2.7 |
| Female | 5614050 | 100.0 | 810335 | 16.9 | 4803715 | 100.0 | 532619 | 12.5 | 4271096 | 100.0 |
| Nationals | 5184683 | 92.4 | 657345 | 14.5 | 4527338 | 94.2 | 405931 | 9.8 | 4121407 | 96.5 |
| Non-nationals | 429367 | 7.6 | 152990 | 55.4 | 276377 | 5.8 | 126688 | 84.6 | 149689 | 3.5 |
| Foreign workers | 380601 | 6.8 | 141196 | 59.0 | 239405 | 5.0 | 97571 | 68.8 | 141834 | 3.3 |

Note : The civilian population aged 15 years and over does not include servicemen and institutional population.
(3)Over $50 \%$ of the employed population were with junior college and higher level and 269 thousand persons of the $\mathbf{1 5}$ to $\mathbf{2 4}$ years of students holding a job.

Observing the employed population by usually living place, a total of 8,862 thousand persons or $72.3 \%$ lived in the 6 municipalities, increased by 1,125 thousand persons, $14.5 \%$ or 1.3 percentage points from 7,736 thousand persons in 2010, the employed population kept moving to metropolitan area.

Affected by the industrial development, job opportunity and living condition, a total of 3 counties or cities reported a decrease of the employed population, including Nantou County, Chiayi City and Taitung County. The remaining 19 counties and cities showed an increase, of which New Taipei City increased by 410 thousand persons, Taichung City 286 thousand persons and Taoyuan City 277 thousand persons respectively, Hsinchu County 101 thousand persons, Tainan City 86 thousand persons and Kaohsiung City 65 thousand persons, over 30 thousand persons each for Changhua County and Hsinchu City. For the employed population excluding foreign workers, Taipei City turned into a downtrend over the decade.


Observing the educational status of the employed population (not including foreign workers),6,452 thousand persons or $55.8 \%$ with junior college and higher level (graduated), 3,547 thousand persons or $30.7 \%$ with senior high level, 1,559 thousand persons or $13.5 \%$ with junior high and lower level. Comparing with 2010, the employed population with junior college and higher level increased by 2,165 thousand persons or $50.5 \%$ due to prevalence of higher education.

Because of on-the-job training and student internships, the employed population attending school totaled 379 thousand persons or $20.1 \%$ of the school enrollment population aged 15 years and over, increased by 5.6 percentage points from $14.5 \%$ in 2010 . Observing by age, the 15 to 24 years age group working and attending school totaled 269 thousand persons or $70.9 \%$. Most of them were working after classes. A total of 110 thousand persons or $29.1 \%$ of the 25 years and over were on-job training.

Table 6-3 Changing in the number of the employed civilian resident population aged 15 years and over

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) |  | Changes in 10 years |  | Number <br> (person) | Job <br> Holding rate <br> (\%) | Changes in 10 years |  | Number <br> (person) | Job <br> Holding <br> rate <br> (\%) |
|  |  | Job <br> Holding rate <br> (\%) | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  | Number of increase or decrease (person) | Rate of increase or decrease <br> (\%) |  |  |
| Grand total | 12258853 | 59.4 | 1362499 | 12.5 | 10896354 | 56.7 | 754378 | 7.4 | 10141976 | 58.7 |
| By age |  |  |  |  |  |  |  |  |  |  |
| 15-24 years | 974256 | 36.5 | 176963 | 22.2 | 797293 | 26.1 | - 523336 | -39.6 | 1320629 | 36.5 |
| 25-34 years | 2853187 | 84.7 | -345108 | -10.8 | 3198295 | 80.5 | 178466 | 5.9 | 3019829 | 80.5 |
| 35-44 years | 3396442 | 84.7 | 436148 | 14.7 | 2960294 | 81.4 | 8017 | 0.3 | 2952277 | 78.6 |
| 45-54 years | 2746140 | 78.0 | 63079 | 2.4 | 2683061 | 75.1 | 806420 | 43.0 | 1876641 | 69.9 |
| 55-64 years | 1800964 | 52.9 | 763494 | 73.6 | 1037470 | 41.2 | 341810 | 49.1 | 695660 | 44.4 |
| 65 years and over | 487864 | 13.3 | 267923 | 121.8 | 219941 | 9.0 | -56999 | -20.6 | 276940 | 14.7 |
| By county and city |  |  |  |  |  |  |  |  |  |  |
| Northern region | 5920272 | 59.9 | 831637 | 16.3 | 5088635 | 56.7 | 531956 | 11.7 | 4556679 | 59.5 |
| New Taipei City | 2376849 | 61.4 | 409795 | 20.8 | 1967054 | 57.4 | 215081 | 12.3 | 1751973 | 60.2 |
| Taipei City | 1264214 | 55.1 | 1344 | 0.1 | 1262870 | 54.7 | 44432 | 3.6 | 1218438 | 57.6 |
| Taoyuan City | 1303232 | 62.5 | 276847 | 27.0 | 1026385 | 57.9 | 185679 | 22.1 | 840706 | 62.2 |
| Keelung City | 177482 | 55.0 | 2888 | 1.7 | 174594 | 53.9 | 6059 | 3.6 | 168535 | 55.9 |
| Hsinchu City | 258317 | 61.5 | 31461 | 13.9 | 226856 | 58.2 | 49441 | 27.9 | 177415 | 57.9 |
| Yilan County | 202692 | 55.3 | 8587 | 4.4 | 194105 | 56.4 | 5664 | 3.0 | 188441 | 55.9 |
| Hsinchu County | 337486 | 64.5 | 100715 | 42.5 | 236771 | 57.1 | 25600 | 12.1 | 211171 | 62.9 |
| Central region | 2996156 | 60.5 | 351373 | 13.3 | 2644783 | 57.8 | 123437 | 4.9 | 2521346 | 59.9 |
| Taichung City | 1577808 | 60.8 | 285791 | 22.1 | 1292017 | 57.7 | 178129 | 16.0 | 1113888 | 59.1 |
| Miaoli County | 260248 | 58.1 | 12441 | 5.0 | 247807 | 56.6 | 8122 | 3.4 | 239685 | 58.0 |
| Changhua County | 634219 | 61.9 | 38422 | 6.4 | 595797 | 58.9 | 4250 | 0.7 | 591547 | 60.9 |
| Nantou County | 219009 | 58.5 | -897 | -0.4 | 219906 | 57.9 | -7289 | -3.2 | 227195 | 59.8 |
| Yunlin County | 304872 | 59.5 | 15616 | 5.4 | 289256 | 57.2 | - 59775 | -17.1 | 349031 | 62.2 |
| Southern region | 3095103 | 57.9 | 170076 | 5.8 | 2925027 | 56.2 | 103765 | 3.7 | 2821262 | 56.8 |
| Tainan City | 979260 | 60.0 | 86009 | 9.6 | 893251 | 57.6 | 54940 | 6.6 | 838311 | 57.9 |
| Kaohsiung City | 1360249 | 57.4 | 65453 | 5.1 | 1294796 | 56.1 | 102541 | 8.6 | 1192255 | 55.7 |
| Chiayi City | 115246 | 53.0 | - 5599 | -4.6 | 120845 | 54.4 | 9689 | 8.7 | 111156 | 53.3 |
| Chiayi County | 231830 | 57.5 | 11609 | 5.3 | 220221 | 54.6 | -43522 | -16.5 | 263743 | 61.0 |
| Pingtung County | 373472 | 57.0 | 8143 | 2.2 | 365329 | 55.7 | - 24970 | -6.4 | 390299 | 57.6 |
| Penghu County | 35046 | 55.4 | 4461 | 14.6 | 30585 | 48.6 | 5087 | 20.0 | 25498 | 46.4 |
| Eastern region | 214115 | 52.8 | -1444 | -0.7 | 215559 | 53.8 | -10 009 | -4.4 | 225568 | 56.0 |
| Taitung County | 83105 | 54.4 | -5110 | -5.8 | 88215 | 57.0 | -3530 | -3.8 | 91745 | 60.2 |
| Hualien County | 131010 | 51.8 | 3666 | 2.9 | 127344 | 51.8 | -6479 | -4.8 | 133823 | 53.4 |
| Kinma region | 33207 | 57.4 | 10857 | 48.6 | 22350 | 50.7 | 5229 | 30.5 | 17121 | 52.2 |
| Kinmen County | 28671 | 55.5 | 9426 | 49.0 | 19245 | 48.9 | 4933 | 34.5 | 14312 | 49.5 |
| Lienchiang County | 4536 | 73.6 | 1431 | 46.1 | 3105 | 66.4 | 296 | 10.5 | 2809 | 72.6 |

Note : Job holding rate $=$ (number of employed population / number of civilian resident population aged 15 years and over) $\times 100 \%$.

## 7. Commuting to work and school status

## (1)The population commuting to work across township, city or district totaled 5,101 thousand persons. The rate

 of commuting to work slightly rose up to $\mathbf{4 4 . 1 \%}$.The employed civilian resident population (not including foreign workers) totaled 11,558 thousand persons, of which 5,101 thousand persons were commuting to work (working place and usually living place not in the same township, city or district. The rate of commuting to work was $44.1 \%$ and increased by 496 thousand persons, $10.8 \%$ or 0.3 percentage points.

Observing by age, the rate of commuting to work stood at $50.5 \%$ for the 25 to 34 years age group, the rate decreased with the increasing of age. Comparing with 2010, the rate increased for all age groups of 35 years and over and it decreased for those under 35 years.

Diagram 7-1 Number and rate of commuting to work across township, city or district in $\mathbf{2}$ censuses


A total of 1,846 thousand persons were commuting to work across county or city. The rate of commuting to work was $16.0 \%$ and increased by 2.0 percentage points from 2010. A total of 3,255 thousand persons were commuting to work across township, city or district within county or city. The rate of commuting to work was $28.2 \%$ and decreased by 1.6 percentage points.

Observing by geographic distribution, Keelung City reported a higher rate of commuting to work at $60.2 \%$, New Taipei City $55.0 \%$, Hsinchu County $51.3 \%$ and Taipei City $50.4 \%$, all over $50 \%$. The population of Keelung City, New Taipei City, Hsinchu County, Chiayi County and Chiayi City, Miaoli County, Hsinchu City were mainly commuting to work across county or city.

A total of 4 townships, cities or districts the rate of commuting to work was over $70 \%$, including Hsinchu County Qionglin Township 73.9\%, Miaoli County Zaoqiao Township 72.2\%, Pingtung County Taiwu Township $71.6 \%$, mainly commuting to work across township, city or district within county or city. New Taipei City Yonghe District reported $71.4 \%$ and the rate of commuting to work across county or city reached at $50 \%$ due to it was adjacent to Taipei City.

Diagram 7-2 2020 Rate of commuting to work


Table 7-1 Changing in the commuting to work across township, city or district of the employed civilian resident population aged 15 years and over (not including foreign workers)

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Employed population <br> (person) | Population commuting to work <br> (person) | Rate of <br> commuting <br> to work <br> Percentage <br> point <br> increase <br> or <br> decrease |  | Employed population <br> (person) | Population commuting to work <br> (person) | Rate of <br> commuting <br> to work <br> Percentage <br> point <br> increase <br> or <br> decrease |  | Employed population <br> (person) | Population commuting to work <br> (person) | Rate of commuting to work <br> (\%) |
| Grand total | 11557733 | 5101275 | 44.1 | 0.3 | 10516554 | 4605515 | 43.8 | 8.7 | 9840898 | 3458114 | 35.1 |
| 15-24 years | 882264 | 418704 | 47.5 | -1.2 | 732261 | 356372 | 48.7 | 3.3 | 1267470 | 575781 | 45.4 |
| 25-34 years | 2515071 | 1269999 | 50.5 | -2.3 | 2992989 | 1580702 | 52.8 | 9.0 | 2825006 | 1236712 | 43.8 |
| 35-44 years | 3178992 | 1536975 | 48.3 | 2.3 | 2863320 | 1317688 | 46.0 | 12.7 | 2903085 | 966196 | 33.3 |
| 45-54 years | 2694613 | 1159630 | 43.0 | 5.7 | 2670965 | 995753 | 37.3 | 9.1 | 1872885 | 528811 | 28.2 |
| 55-64 years | 1798929 | 626842 | 34.8 | 2.9 | 1037078 | 331136 | 31.9 | 13.4 | 695512 | 128675 | 18.5 |
| 65 years and over | 487864 | 89125 | 18.3 | 7.4 | 219941 | 23864 | 10.9 | 3.0 | 276940 | 21939 | 7.9 |

Note : 1. This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.
2. "Population commuting to work" refers to the population whose working place and usually living place were not located in the same township, city or district. Rate of commuting to work = (number of population commuting to work / number of the employed population) $\times 100 \%$.

Table 7-2 Commuting to work status of the employed civilian resident population aged 15 years and over (not including foreign workers)

|  | Employed population (person) | Population commuting to work (Usually living place and working place not in the same township, city or district) (person) |  |  | Rate of commuting to work (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Across township, city or district within county or city | Across county or city | Total | Across township, city or district within county or city | Across county or city |
| 2000 | 9840898 | 3458114 | 1982251 | 1475863 | 35.1 | 20.1 | 15.0 |
| 2010 | 10516554 | 4605515 | 3129224 | 1476291 | 43.8 | 29.8 | 14.0 |
| 2020 | 11557733 | 5101275 | 3255432 | 1845843 | 44.1 | 28.2 | 16.0 |
| Northern region | 5608900 | 2805995 | 1395237 | 1410758 | 50.0 | 24.9 | 25.2 |
| New Taipei City | 2290003 | 1260204 | 461915 | 798289 | 55.0 | 20.2 | 34.9 |
| Taipei City | 1219409 | 615187 | 420184 | 195003 | 50.4 | 34.5 | 16.0 |
| Taoyuan City | 1191511 | 504557 | 319582 | 184975 | 42.3 | 26.8 | 15.5 |
| Keelung City | 172490 | 103898 | 26040 | 77858 | 60.2 | 15.1 | 45.1 |
| Hsinchu City | 242031 | 88667 | 42429 | 46238 | 36.6 | 17.5 | 19.1 |
| Yilan County | 186223 | 75999 | 61111 | 14888 | 40.8 | 32.8 | 8.0 |
| Hsinchu County | 307233 | 157483 | 63976 | 93507 | 51.3 | 20.8 | 30.4 |
| Central region | 2777684 | 1020492 | 811499 | 208993 | 36.7 | 29.2 | 7.5 |
| Taichung City | 1478749 | 596324 | 531214 | 65110 | 40.3 | 35.9 | 4.4 |
| Miaoli County | 235334 | 96752 | 49543 | 47209 | 41.1 | 21.1 | 20.1 |
| Changhua County | 575850 | 206587 | 147673 | 58914 | 35.9 | 25.6 | 10.2 |
| Nantou County | 205600 | 48328 | 25018 | 23310 | 23.5 | 12.2 | 11.3 |
| Yunlin County | 282151 | 72501 | 58051 | 14450 | 25.7 | 20.6 | 5.1 |
| Southern region | 2932260 | 1220490 | 998015 | 222475 | 41.6 | 34.0 | 7.6 |
| Tainan City | 918706 | 383489 | 340312 | 43177 | 41.7 | 37.0 | 4.7 |
| Kaohsiung City | 1295996 | 601210 | 540236 | 60974 | 46.4 | 41.7 | 4.7 |
| Chiayi City | 111642 | 37826 | 12048 | 25778 | 33.9 | 10.8 | 23.1 |
| Chiayi County | 217764 | 72508 | 28558 | 43950 | 33.3 | 13.1 | 20.2 |
| Pingtung County | 356545 | 121440 | 73066 | 48374 | 34.1 | 20.5 | 13.6 |
| Penghu County | 31607 | 4017 | 3795 | 222 | 12.7 | 12.0 | 0.7 |
| Eastern region | 206530 | 44765 | 41208 | 3557 | 21.7 | 20.0 | 1.7 |
| Taitung County | 80837 | 8496 | 7516 | 980 | 10.5 | 9.3 | 1.2 |
| Hualien County | 125693 | 36269 | 33692 | 2577 | 28.9 | 26.8 | 2.1 |
| Kinma region | 32359 | 9533 | 9473 | 60 | 29.5 | 29.3 | 0.2 |
| Kinmen County | 27934 | 9479 | 9422 | 57 | 33.9 | 33.7 | 0.2 |
| Lienchiang County | 4425 | 54 | 51 | 3 | 1.2 | 1.2 | 0.1 |

Note : 1. This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.
2. "Population commuting to work" refers to the population whose working place and usually living place were not located in the same township, city or district. Rate of commuting to work = (number of population commuting to work / number of the employed population) $\times 100 \%$.
(2)The population aged 6 years and over commuting to school across township, city or district totaled $\mathbf{1 , 2 1 3}$ thousand persons. The rate of commuting to school was $33.3 \%$.
The school enrollment population aged 6 years and over totaled 3,637 thousand persons in 2020, of which the population commuting to school (schooling place and usually living place not in the same township, city or district) accounted for 1,213 thousand persons. It decreased by 308 thousand persons or $20.2 \%$ from 2010 . The rate of commuting to school was $33.3 \%$ and slightly decreased by 0.6 percentage points.

The rate of commuting to school for the elementary and junior high level was $10.0 \%$ and $18.6 \%$ respectively. It increased by 3.9 percentage points and 5.6 percentage points from 2010. The rate of commuting to school for the senior high students was $54.0 \%$ and decreased by 16.8 percentage points due to the development of the community senior high school. The rate of commuting to school for the university was $48.8 \%$ and also decreased by 9.3 percentage points.

Diagram 7-3 Population aged 6 years and over commuting to school across township, city or district


Note : The 2010 school enrollment population did not count those attending school and holding a job as well as servicemen.

A total of 423 thousand persons commuting to school across county or city. The rate of commuting to school was $11.6 \%$ and increased by 1.0 percentage point from 2010 . A total of 790 thousand persons commuting to school across township, city or district within county or city. The rate of commuting to school was $21.7 \%$ and decreased by 1.6 percentage points from 2010.

Observing by geographic distribution, the rate of commuting to school was relatively higher in New Taipei City $44.9 \%$ and Keelung City $38.5 \%$. New Taipei city reported the highest rate of commuting to school across county or city, followed by Chiayi County, Hsinchu County and Keelung City, mainly to the senior high school and the university nearby for study.

A total of 6 townships, cities and districts reported the rate of commuting to school over 70\%, including Taichung City Central District 79.4\%, Pingtung County Zhutian Township 72.2\%, Tainan City Shanshang District 71.4\%, Hualien County Xiulin Township 71.1\%, Pingtung County Wutai Township 70.7\%. Most of them were commuting to school across township, city or district within the county or city due to few schools within the jurisdiction area. The rate of commuting to school was $72.4 \%$ in Hsinchu County Baoshan Township due to it was adjacent to Hsinchu City. The rate of commuting to school across county or city reached at $60 \%$.

Diagram 7-4 2020 Rate of commuting to school


Table 7-3 Changing in the commuting to school across township, city or district of the school enrollment population aged 6 years and over

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | School enrollment population <br> (person) | Population commuting to school <br> (person) | (\%) | Rate of commuting to school <br> Percentage point increase or decrease | School Enrollment population <br> (person) | Population commuting to school <br> (person) | (\%) | Rate of commuting to school <br> Percentage point increase or decrease | School Enrollment population <br> (person) | Population commuting to school (person) | Rate of commuting to school <br> (\%) |
| Grand total | 3636704 | 1212757 | 33.3 | $3-0.6$ | 4480086 | 1520530 | 33.9 | 9.9 | 4661918 | 1132348 | 24.3 |
| Elementary and lower | 1183452 | 118536 | 10.0 | 0.0 .9 | 1540124 | 94132 | 6.1 | 10.4 | 1970588 | 111785 | 5.7 |
| Junior high | 602991 | 112135 | 18.6 | W 5.6 | 914514 | 119314 | 13.0 | - 1.2 | 923593 | 108756 | 11.8 |
| Senior high | 664581 | 359106 | 54.0 | - -16.8 | 931235 | 659449 | 70.8 | $8 \quad 18.0$ | 988836 | 521815 | 52.8 |
| Junior college | 45671 | 28375 | 62.1 | 12.6 | 45948 | 27339 | 59.5 | $5 \quad 6.7$ | 263542 | 139176 | 52.8 |
| University | 941685 | 459904 | 48.8 | 8 -9.3 | 885746 | 514510 | 58.1 | 19.0 | 472108 | 231852 | 49.1 |
| Graduate school | 198324 | 134701 | 67.9 | 2.8 | 162519 | 105786 | 65.1 | 121.3 | 43251 | 18964 | 43.8 |

Note : 1. "Population commuting to school" refers to the population whose schooling place and usually living place were not located in the same township, city or district. Rate of commuting to school = (number of population commuting to school / number of school enrollment population) $\times 100 \%$.
2. 2000 and 2010 data of this table did not count those attending school and holding a job as well as servicemen.

Table 7-4 Commuting to school status of the school enrollment population aged 6 years and over

|  | School enrollment population (person) | Population commuting to school (Usually living place and schooling place not in the same township, city or district) (person) |  |  | Rate of commuting to school (\%) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Across township, city or district within county or city | Across county or city | Total | Across township, city or district within county or city | Across county or city |
| 2000 | 4661918 | 1132348 | 729580 | 402768 | 24.3 | 15.6 | 8.6 |
| 2010 | 4480086 | 1520530 | 1045084 | 475446 | 33.9 | 23.3 | 10.6 |
| 2020 | 3636704 | 1212757 | 789584 | 423173 | 33.3 | 21.7 | 11.6 |
| Northern region | 1743670 | 624621 | 316740 | 307881 | 35.8 | 18.2 | 17.7 |
| New Taipei City | 635175 | 285138 | 107628 | 177510 | 44.9 | 16.9 | 27.9 |
| Taipei City | 412689 | 130406 | 84511 | 45895 | 31.6 | 20.5 | 11.1 |
| Taoyuan City | 383158 | 114647 | 75140 | 39507 | 29.9 | 19.6 | 10.3 |
| Keelung City | 50139 | 19306 | 9172 | 10134 | 38.5 | 18.3 | 20.2 |
| Hsinchu City | 96868 | 20219 | 10512 | 9707 | 20.9 | 10.9 | 10.0 |
| Yilan County | 60057 | 19259 | 16461 | 2798 | 32.1 | 27.4 | 4.7 |
| Hsinchu County | 105584 | 35646 | 13316 | 22330 | 33.8 | 12.6 | 21.1 |
| Central region | 879199 | 269249 | 215309 | 53940 | 30.6 | 24.5 | 6.1 |
| Taichung City | 497964 | 157878 | 137070 | 20808 | 31.7 | 27.5 | 4.2 |
| Miaoli County | 77522 | 21193 | 13737 | 7456 | 27.3 | 17.7 | 9.6 |
| Changhua County | 162616 | 54674 | 42246 | 12428 | 33.6 | 26.0 | 7.6 |
| Nantou County | 54583 | 12921 | 6215 | 6706 | 23.7 | 11.4 | 12.3 |
| Yunlin County | 86514 | 22583 | 16041 | 6542 | 26.1 | 18.5 | 7.6 |
| Southern region | 923930 | 296437 | 237524 | 58913 | 32.1 | 25.7 | 6.4 |
| Tainan City | 294703 | 94351 | 81423 | 12928 | 32.0 | 27.6 | 4.4 |
| Kaohsiung City | 405140 | 136948 | 118930 | 18018 | 33.8 | 29.4 | 4.4 |
| Chiayi City | 36485 | 9073 | 4806 | 4267 | 24.9 | 13.2 | 11.7 |
| Chiayi County | 67612 | 23145 | 7500 | 15645 | 34.2 | 11.1 | 23.1 |
| Pingtung County | 109988 | 31237 | 23525 | 7712 | 28.4 | 21.4 | 7.0 |
| Penghu County | 10002 | 1683 | 1340 | 343 | 16.8 | 13.4 | 3.4 |
| Eastern region | 76744 | 18892 | 16453 | 2439 | 24.6 | 21.4 | 3.2 |
| Taitung County | 28062 | 4262 | 3366 | 896 | 15.2 | 12.0 | 3.2 |
| Hualien County | 48682 | 14630 | 13087 | 1543 | 30.1 | 26.9 | 3.2 |
| Kinma region | 13161 | 3558 | 3558 | - | 27.0 | 27.0 | - |
| Kinmen County | 11829 | 3527 | 3527 | - | 29.8 | 29.8 | - |
| Lienchiang County | 1332 | 31 | 31 | - | 2.3 | 2.3 | - |

Note : 1. "Population commuting to school" refers to the population whose schooling place and usually living place were not located in the same township, city or district. Rate of commuting to school = (number of population commuting to school / number of school enrollment population) $\times 100 \%$.
2. 2000 and 2010 data of this table did not count those attending school and holding a job as well as servicemen.
(3)A net inflow of 734 thousand persons were commuting to Taipei City for work or study.

The activity population defined as the resident population minus the population commuting to other counties and cities for work or study and plus population commuting from other counties and cities for work or study. New Taipei City reported 3,647 thousand persons of the activity population in 2020, Taipei City 3,284 thousand persons and Taichung City 2,967 thousand persons, of which 964 thousand persons of the activity population in Taipei City were from other counties and cities, 230 thousand persons of the population were commuting to other counties or cities for work or study, leading to 734 thousand persons of a net inflow of the activity population, representing about $28.8 \%$ of the resident population. A total of 76 thousand persons of a net inflow of the activity population in Hsinchu City, representing about $15.7 \%$ of the resident population. New Taipei City reported 632 thousand persons of a net outflow of the activity population. The following counties and cities reported a net inflow of the activity population over 10 thousand persons, Taichung City 33 thousand persons, Chiayi City 21 thousand persons, Tainan City 13 thousand persons, Kaohsiung City 13 thousand persons, connecting with surrounding counties and cities as a common life circle.

The population commuting to work and school across county or city totaled 2,164 thousand persons, mainly 2 moving lines "Twin Taipei Keelung Taoyuan" 1,456 thousand persons and "Hsinchu County City" 206 thousand persons in the northern region. The central region reported 111 thousand persons mainly clustered in Taichung City. The southern region reported 152 thousand persons mainly clustered in Kaohsiung City and Tainan City. Chiayi County and Chiayi City were two mutual moving lines. The eastern region reported less persons commuting to work and school across county or city due to geographic features.

Diagram 7-5 2020 Commuting flows across county or city


Table 7-5 The activity population by county and city

| it : person |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2020 |  |  |  |  | 2010 |  |  |  |  |
|  | Resident population <br> (A) | Activity population to other county/city | Activity population <br> (B) | Activity population from other county/city | Difference (B)-(A) | Resident population <br> (C) | Activity population to other county/city | Activity population <br> (D) | Activity population from other county/city | Difference (D)-(C) |
| New Taipei City | 4279101 | 936309 | 3646843 | 304051 | -632 258 | 4010111 | 814194 | 3502457 | 306540 | - 507654 |
| Taipei City | 2549776 | 230168 | 3283772 | 964164 | 733996 | 2619615 | 277291 | 3144765 | 802441 | 525150 |
| Taoyuan City | 2329343 | 213135 | 2280580 | 164372 | -48763 | 2123919 | 159189 | 2107207 | 142477 | -16712 |
| Keelung City | 362272 | 85969 | 299837 | 23534 | -62 435 | 378610 | 80735 | 326209 | 28334 | - 52401 |
| Hsinchu City | 483182 | 53364 | 559187 | 129369 | 76005 | 464534 | 44601 | 547119 | 127186 | 82585 |
| Yilan County | 416850 | 16462 | 407200 | 6812 | -9650 | 417860 | 8501 | 416860 | 7501 | -1000 |
| Hsinchu County | 602910 | 111314 | 568337 | 76741 | - 34573 | 503089 | 91262 | 476030 | 64203 | -27059 |
| Taichung City | 2934781 | 78433 | 2967440 | 111092 | 32659 | 2683299 | 74522 | 2707906 | 99129 | 24607 |
| Miaoli County | 497048 | 52519 | 471455 | 26926 | - 25593 | 516201 | 50777 | 491634 | 26210 | -24567 |
| Changhua County | 1128426 | 67453 | 1099800 | 38827 | -28626 | 1198566 | 56240 | 1177596 | 35270 | -20970 |
| Nantou County | 416802 | 27736 | 411695 | 22629 | - 5107 | 454226 | 29099 | 448352 | 23225 | - 5874 |
| Yunlin County | 568390 | 18997 | 574605 | 25212 | 6215 | 610381 | 16182 | 618324 | 24125 | 7943 |
| Tainan City | 1814522 | 52633 | 1827825 | 65936 | 13303 | 1815045 | 42222 | 1841657 | 68834 | 26612 |
| Kaohsiung City | 2670022 | 73051 | 2683291 | 86320 | 13269 | 2745598 | 81829 | 2747931 | 84162 | 2333 |
| Chiayi City | 248424 | 28719 | 268978 | 49273 | 20554 | 264892 | 32543 | 281713 | 49364 | 16821 |
| Chiayi County | 450098 | 57682 | 428633 | 36217 | - 21465 | 485423 | 54610 | 473660 | 42847 | -11763 |
| Pingtung County | 738120 | 54529 | 709269 | 25678 | -28851 | 791825 | 53332 | 766130 | 27637 | -25695 |
| Penghu County | 78299 | 324 | 78453 | 478 | 154 | 84595 | 101 | 84767 | 273 | 172 |
| Taitung County | 187184 | 1421 | 187570 | 1807 | 386 | 199397 | 1400 | 199368 | 1371 | -29 |
| Hualien County | 295089 | 3523 | 295001 | 3435 | -88 | 305792 | 1569 | 307671 | 3448 | 1879 |
| Kinmen County | 66436 | 57 | 67023 | 644 | 587 | 56543 | 93 | 56625 | 175 | 82 |
| Lienchiang County | 117023 |  | 11983 | 284 | 281 | 14545 | 3 | 14650 | 108 | 105 |

Note: 1.This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.
2. Activity population = resident population of the county and city - population commuting to other county and city for work or study

+ population commuting from other county and city for work or study.


## 8. Migration status

(1)The internal migration population kept decreasing to 4,410 thousand persons and in-migration from other country kept increasing to 174 thousand persons.
The resident population aged 5 years and over (not including foreign workers) totaled 22,210 thousand persons, of which the migration population (whose living place 5 years ago was not the same as the usually living place) totaled 4,584 thousand persons. The migration rate was $20.6 \%$. The migration population decreased by 948 thousand persons or $17.1 \%$ and the migration rate decreased by 4.8 percentage points.

The internal migration population totaled 4,410 thousand persons or $96.2 \%, 41.9 \%$ moving within township, city or district, $25.2 \%$ moving across township, city or district within county or city, $29.1 \%$ moving across county or city. A total of 174 thousand persons or $3.8 \%$ were moving from the Chinese Mainland, Hong Kong, Macau or foreign country, of which 64 thousand persons were nationals, 57 thousand persons were from Southeast Asia countries, 28 thousand persons from the Chinese Mainland, Hong Kong and Macau.

Diagram 8-1 Living place 5 years ago of the migration population in $\mathbf{3}$ censuses


Comparing with 2010, affected by the population structure change and transportation convenience, the internal migration population decreased by 960 thousand persons or $17.9 \%$, of which the decrement for those moving within township, city or district and for those moving across township, city or district within county or city reached at $17.4 \%$ and $31.3 \%$ respectively, while for those moving across county or city slightly decreased by $2.1 \%$. Those moving from the Chinese Mainland, Hong Kong, Macau and other country increased by 12 thousand persons or $7.5 \%$, of which the nationals back from overseas increased by 25 thousand persons. Those moving from the Southeast Asia countries increased by 22 thousand persons, while those moving from the Chinese Mainland, Hong Kong and Macau decreased by 31 thousand persons, those moving from other country decreased by over 4 thousand persons.

Table 8-1 Changing in living place 5 years ago of the migration population

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (10 <br> thousand person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (10 <br> thousand person) | Percentage <br> (\%) | Changes in 10 years |  | Number (10 <br> thousand person) | Percentage <br> (\%) |
|  |  |  | Number of increase or decrease <br> (10 thousand person) | Rate of increase or decrease (percentage point) |  |  | Number of increase or decrease <br> (10 thousand person) | Rate of increase or decrease (percentage point) |  |  |
| Grand total | 458.4 | 100.0 | -94.8 | -17.1 | 553.2 | 100.0 | -28.7 | -4.9 | 581.9 | 100.0 |
| Internal migration | 441.0 | 96.2 | -96.0 | -17.9 | 537.1 | 97.1 | -30.3 | -5.3 | 567.3 | 97.5 |
| Within township, city or district | 192.1 | 41.9 | -40.4 | -17.4 | 232.5 | 42.0 | -21.7 | -8.5 | 254.2 | 43.7 |
| Within county or city | 115.7 | 25.2 | -52.8 | -31.3 | 168.5 | 30.5 | 1.1 | 0.6 | 167.4 | 28.8 |
| Other county or city | 133.3 | 29.1 | -2.9 | -2.1 | 136.1 | 24.6 | -9.6 | -6.6 | 145.7 | 25.0 |
| The Chinese Mainland, Hong Kong, Macau or foreign country | 17.4 | 3.8 | 1.2 | 7.5 | 16.1 | 2.9 | 1.6 | 10.9 | 14.6 | 2.5 |

[^4]
## (2)The migration rate was lower than it was in 2010 for all age groups.

Observing by age, the migration rate ranked the highest at $33.0 \%$ for the 15 to 24 years age group primarily due to junior college student study away from home, followed by 25 to 34 years age group $30.5 \%$ due to first employment and forming a family. The migration rate decreased with increasing of age for the 35 years and over. Comparing with 2010, the migration rate was decreasing for all age groups, of which the 25 to 34 years age group slightly decreased by 0.6 percentage points, the 15 to 24 years age group and the 35 to 44 years age group decreased by 2.2 percentage points and 2.6 percentage points respectively, the other age groups decreased between 3.6 percentage points to 5.0 percentage points.

Diagram 8-2 Migration rate for all age groups in 3 censuses


Observing by sex and age, most of the 15 to 24 years age group were moving across county or city (including from the Chinese Mainland, Hong Kong, Macau and other country) due to study. The migration rate of the male and the female was $32.0 \%$ and $34.1 \%$ respectively. Most of the other age groups were moving within township, city or district. The migration rate of the female was higher than that of the male for all the 15 to 54 years age groups, of which the rate for the 25 to 34 years age group was higher by 6.5 percentage points due to female marriage migration.

Diagram 8-3 2020 Migration rate of the population aged 5 years and over for each age group by sex


Note : "Migration across county or city" includes those moving from other county/city or abroad.
(3)Hsinchu County and Hsinchu City reported a higher migration rate across county or city.

Observing by geographic distribution, Taipei City, Taichung City and Taoyuan City reported more of the migration population 842 thousand persons, 646 thousand persons and 536 thousand persons respectively. Hsinchu City, Hsinchu County, Hualien County and Taoyuan City reported a higher migration rate at $28.5 \%, 25.5 \%, 24.3 \%$ and $24.1 \%$ respectively. The migration rate of the township, city or district was affected by transportation, work and study, Hualien County Shoufeng Township 50.9\%, New Taipei City Linkou District 40.4\% and Taichung City Central District 38.9\%.

The migration population moving across county or city totaled 1,506 thousand persons, of which 288 thousand persons were moving to New Taipei City and 223 thousand persons were moving to Taipei City. Observing by inmigration rate, Hsinchu City and Hsinchu County reported a higher rate at $13.2 \%$ and $10.8 \%$ respectively. Observing by migration area, 365 thousand persons were moving to the norther region, 109 thousand persons from the central region, 120 thousand persons from the southern region, 107 thousand persons from abroad.

## Diagram 8-4 2020 In-migration status of the resident population in 5 years



Table 8-2 Migration across county or city in $\mathbf{5}$ years by region in $\mathbf{2}$ censuses

|  | Unit : thousand person |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2020 |  |  | 2010 |  |  |
|  | Migration <br> across <br> county <br> or city | Within region | Across region | Migration across county or city | Within region | Across region |
| Grand total | 1506 | 729 | 778 | 1523 | 759 | 764 |
| Northern | 865 | 500 | 365 | 840 | 495 | 345 |
| Central | 266 | 93 | 173 | 262 | 103 | 160 |
| Southern | 327 | 133 | 193 | 359 | 158 | 201 |
| Eastern | 39 | 2 | 37 | 42 | 3 | 39 |
| Kinma | 10 | 0 | 10 | 19 | 0 | 19 |

The following counties and cities reported a net in-migration, New Taipei City, Taoyuan City, Taichung City, Tainan City, Hsinchu County, Hsinchu City, Yilan County, Kinmen County and Lienchiang County. Observing by migration flow, $49.9 \%$ of the in-migration population in New Taipei City were from Taipei City. In Taoyuan City, $34.3 \%$ were from New Taipei City; in Taichung City, $15.3 \%$ were from Changhua County; in Tainan City, $22.1 \%$ were from Kaohsiung City. Hsinchu County and Hsinchu City were mutual in-migration due to overlapping life circle. In Yilan County, $50 \%$ were from "Twin Taipei City".

Diagram 8-5 2020 Migration status by county/city


Table 8-3 Migration change of the population aged 5 years and over moving across county or city

|  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Note : 1. This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.
2. "Migration population moving across county or city" refers to the population whose living place 5 years ago was not in the same county or city as it was for the usually living place, including moving from other county/city or abroad.

## 9. Children nurture care status

The kindergarten enrollment rate of pre-school children rose up. The 4 to 6 years age group reached at $93.2 \%$.

The pre-school children aged under 6 years totaled 1,171 thousand persons, of which 581 thousand persons or 49.6\% attended kindergarten, 90 thousand persons or $7.7 \%$ by nurture care, 500 thousand persons or $42.7 \%$ cared by family member.

Observing by age, $84.7 \%$ of the children under 2 years cared by family member, $15.3 \%$ by nurture care. About $50.3 \%$ of the children aged 2 to under 4 years cared by family member, 41.0\% attended kindergarten, 8.7\% by nurture care. The kindergarten enrollment rate reached at $93.2 \%$ for the children aged 4 to 6 years. Comparing with 2010, the kindergarten enrollment rate of the children aged 2 to under 4 years rose up by 19.8 percentage points (increased from 84 thousand persons to 154 thousand persons), 8.1 percentage points for the children aged 4 to 6 years.

Diagram 9-1 Kindergarten enrollment status of the pre-school children in 2 censuses

10 thousand person


Note : 2010 Census only asked whether at kindergarten or not

Observing by regional distribution, the kindergarten enrollment rate for the pre-school children was about $50 \%$. The nurture care rate was affected by the availability of family member care, nurture care resources and subsidies. The Kinma region ranked the first at $11.1 \%$, followed by the northern region $8.9 \%$ and the central region $7.2 \%$, the southern region and the eastern region were relatively lower at $6.0 \%$ and $5.7 \%$ respectively.

Diagram 9-2 2020 Nurture care status of the pre-school children


Table 9-1 Kindergarten enrollment status of the pre-school children

| Unit : \% |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grand total |  | At kindergarten |  | Not at kindergarten |  | Nurture care |  | Care by family member |  |
|  | Number (person) | Percentage | Number (person) | Percentage | Number (person) | Percentage | Number (person) | Percentage | Number (person) | Percentage |
| 2020 | 1171268 | 100.0 | 580979 | 49.6 | 590289 | 50.4 | 89966 | 7.7 | 500323 | 42.7 |
| By sex and age |  |  |  |  |  |  |  |  |  |  |
| Under 2 years | 337676 | 100.0 | - | - | 337676 | 100.0 | 51514 | 15.3 | 286162 | 84.7 |
| 2 - under 4 years | 375170 | 100.0 | 153870 | 41.0 | 221300 | 59.0 | 32659 | 8.7 | 188641 | 50.3 |
| 4-6 years | 458422 | 100.0 | 427109 | 93.2 | 31313 | 6.8 | 5793 | 1.3 | 25520 | 5.6 |
| Male | 607094 | 100.0 | 302504 | 49.8 | 304590 | 50.2 | 45947 | 7.6 | 258643 | 42.6 |
| Under 2 years | 175173 | 100.0 | - | - | 175173 | 100.0 | 25998 | 14.8 | 149175 | 85.2 |
| 2 - under 4 years | 194136 | 100.0 | 80405 | 41.4 | 113731 | 58.6 | 17093 | 8.8 | 96638 | 49.8 |
| 4-6 years | 237785 | 100.0 | 222099 | 93.4 | 15686 | 6.6 | 2856 | 1.2 | 12830 | 5.4 |
| Female | 564174 | 100.0 | 278475 | 49.4 | 285699 | 50.6 | 44019 | 7.8 | 241680 | 42.8 |
| Under 2 years | 162503 | 100.0 | - | - | 162503 | 100.0 | 25516 | 15.7 | 136987 | 84.3 |
| 2 - under 4 years | 181034 | 100.0 | 73465 | 40.6 | 107569 | 59.4 | 15566 | 8.6 | 92003 | 50.8 |
| 4-6 years | 220637 | $100.0$ | $205010$ | 92.9 | 15627 | $7.1$ | 2937 | 1.3 | 12690 | 5.8 |
| By region $\quad$ - |  |  |  |  |  |  |  |  |  |  |
| Northern region | 544169 | 100.0 | 262583 | 48.3 | 281586 | 51.7 | 48586 | 8.9 | 233000 | 42.8 |
| Central region | 310346 | 100.0 | 157875 | 50.9 | 152471 | 49.1 | 22271 | 7.2 | 130200 | 42.0 |
| Southern region | 286451 | 100.0 | 145625 | 50.8 | 140826 | 49.2 | 17100 | 6.0 | 123726 | 43.2 |
| Eastern region | 25282 | 100.0 | 12364 | 48.9 | 12918 | 51.1 | 1451 | 5.7 | 11467 | 45.4 |
| Kinma region | 5020 | 100.0 | 2532 | 50.4 | 2488 | 49.6 | 558 | 11.1 | 1930 | 38.4 |
| 2010 | 1230745 | 100.0 | 496505 | 40.3 | 734240 | 59.7 | - | - - | - | - |
| By sex and age |  |  |  |  |  |  |  |  |  |  |
| Under 2 years | 354945 | 100.0 | 4033 | 1.1 | 350912 | 98.9 | - | - | - | - |
| 2 - under 4 years | 395330 | 100.0 | 83791 | 21.2 | 311539 | 78.8 | - | - | - | - |
| 4-6 years | 480470 | 100.0 | 408681 | 85.1 | 71789 | 14.9 | - | - | - | - |
| Male | 642880 | 100.0 | 261059 | 40.6 | 381821 | 59.4 | - | - - | - | - |
| Under 2 years | 185210 | 100.0 | 2211 | 1.2 | 182999 | 98.8 | - | - | - | - |
| 2 - under 4 years | 206726 | 100.0 | 44905 | 21.7 | 161821 | 78.3 | - | - | - | - |
| 4-6 years | 250944 | 100.0 | 213943 | 85.3 | 37001 | 14.7 | - | - - | - | - |
| Female | 587865 | 100.0 | 235446 | 40.1 | 352419 | 59.9 | - | - - | - | - |
| Under 2 years | 169735 | 100.0 | 1822 | 1.1 | 167913 | 98.9 | - | - - | - | - |
| 2 - under 4 years | 188604 | 100.0 | 38886 | 20.6 | 149718 | 79.4 | - | - - | - | - |
| 4-6 years | 229526 | 100.0 | 194738 | 84.8 | 34788 | 15.2 | - | - - | - | - |
| By region |  |  |  |  |  |  |  |  |  |  |
| Northern region | 570832 | 100.0 | 226670 | 39.7 | 344162 | 60.3 | - | - - | - | - |
| Central region | 318647 | 100.0 | 128761 | 40.4 | 189886 | 59.6 | - | - - | - | - |
| Southern region | 309661 | 100.0 | 128659 | 41.5 | 181002 | 58.5 | - | - - | - | - |
| Eastern region | 27942 | 100.0 | 11100 | 39.7 | 16842 | 60.3 | - | - - | - | - |
| Kinma region | $3663$ | 100.0 | 1315 | 35.9 | 2348 | 64.1 | - | - | - | - |

Note: 1. Pre-school children refer to children not reach school age.
2. Pre-school education includes kindergarten and nursery school since 2012 due to the implement of the Early Childhood Education and Care Act.

## 10. Long-term care status

The long-term care population aged 65 years and over totaled 489 thousand persons, representing 13.3\% of the total population aged 65 years and over.
A total of 657 thousand persons (not including foreign workers) needed care of others for 6 months or more since illness, injury or aging which causes difficulty in doing daily activities in 2020, increased by 182 thousand persons or 38.3\% from 475 thousand persons in 2010.

The long-term care population aged 65 years and over totaled 489 thousand persons, representing $13.3 \%$ of the total population aged 65 years and over. The elder population needed long-term care kept increasing because of aging, 128 thousand persons or $70.4 \%$ from 2000 to 2010, 178 thousand persons or $57.4 \%$ from 2010 to 2020.

Observing by regional distribution, 265 thousand persons or $40.3 \%$ of the long-term care population were in the northern region, 171 thousand persons or $26.0 \%$ in the central region, 199 thousand persons or $30.3 \%$ in the southern region, 22 thousand persons or $3.4 \%$ in the eastern region and the Kinma region. An increase of 134 thousand persons, 85 thousand persons and 93 thousand persons in the northern region, central region and southern region was observed respectively within 20 years. The long-term care population showed a fold increase.

Diagram 10-1 Number of the long-term care population in 3 censuses


Diagram 10-2 Changing in the number of the long-term care population in 2 censuses


Table 10-1 Long-term care status

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number | Percentage | Changes in 10 years |  | Number | Percentage |
|  |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  | (\%) | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  | (\%) |
| Grand total | 657231 | 100.0 | 181949 | 38.3 | 475282 | 100.0 | 136865 | 40.4 | 338417 | 100.0 |
| By sex |  |  |  |  |  |  |  |  |  |  |
| Male | 304250 | 46.3 | 69386 | 29.5 | 234864 | 49.4 | 66674 | 39.6 | 168190 | 49.7 |
| Female | 352981 | 53.7 | 112563 | 46.8 | 240418 | 50.6 | 70191 | 41.2 | 170227 | 50.3 |
| By age |  |  |  |  |  |  |  |  |  |  |
| Under 15 years | 7317 | 1.1 | -1774 | -19.5 | 9091 | 1.9 | - 10082 | -52.6 | 19173 | 5.7 |
| 15-44 years | 43831 | 6.7 | -8578 | -16.4 | 52409 | 11.0 | - 13828 | -20.9 | 66237 | 19.6 |
| 45-64 years | 116953 | 17.8 | 13961 | 13.6 | 102992 | 21.7 | 32336 | 45.8 | 70656 | 20.9 |
| 65 years and over | 489130 | 74.4 | 178340 | 57.4 | 310790 | 65.4 | 128439 | 70.4 | 182351 | 53.9 |
| 65-69 years | 55794 | 8.5 | 21141 | 61.0 | 34653 | 7.3 | 3281 | 10.5 | 31372 | 9.3 |
| 70-74 years | 62570 | 9.5 | 14679 | 30.7 | 47891 | 10.1 | 6299 | 15.1 | 41592 | 12.3 |
| 75-79 years | 77025 | 11.7 | 14581 | 23.4 | 62444 | 13.1 | 19885 | 46.7 | 42559 | 12.6 |
| 80 years and over | 293741 | 44.7 | 127939 | 77.2 | 165802 | 34.9 | 98974 | 148.1 | 66828 | 19.7 |
| By region |  |  |  |  |  |  |  |  |  |  |
| Northern region | 264552 | 40.3 | 87359 | 49.3 | 177193 | 37.3 | 46349 | 35.4 | 130844 | 38.7 |
| Central region | 171021 | 26.0 | 41227 | 31.8 | 129794 | 27.3 | 44041 | 51.4 | 85753 | 25.3 |
| Southern region | 199184 | 30.3 | 49799 | 33.3 | 149385 | 31.4 | 43144 | 40.6 | 106241 | 31.4 |
| Eastern region | 20732 | 3.2 | 3128 | 17.8 | 17604 | 3.7 | 2932 | 20.0 | 14672 | 4.3 |
| Kinma region | 1742 | 0.3 | 436 | 33.4 | 1306 | 0.3 | 399 | 44.0 | 907 | 0.3 |
| By living arrangement |  |  |  |  |  |  |  |  |  |  |
| General household | 523721 | 79.7 | 115927 | 28.4 | 407794 | 85.8 | 95114 | 30.4 | 312680 | 92.4 |
| Nucleus family household | 194954 | 29.7 | 40061 | 25.9 | 154893 | 32.6 | 35505 | 29.7 | 119388 | 35.3 |
| Stem family household | 180274 | 27.4 | 30417 | 20.3 | 149857 | 31.5 | 39826 | 36.2 | 110031 | 32.5 |
| One-person household | 47556 | 7.2 | 8327 | 21.2 | 39229 | 8.3 | -1222 | -3.0 | 40451 | 12.0 |
| Other household | 100937 | 15.4 | 37122 | 58.2 | 63815 | 13.4 | 21005 | 49.1 | 42810 | 12.7 |
| Nursing home and others | 133510 | 20.3 | 66022 | 97.8 | 67488 | 14.2 | 41751 | 162.2 | 25737 | 7.6 |

Note: 1.This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.
2. Long-term care refers to the status that one needed care of others for 6 months or more ( 3 months for 2000 data) since illness, injury or aging which causes difficulty in doing daily activities, including eating, getting on/off bed, dressing, toileting, bathing, walking, preparing meals(cooking), doing laundry, housekeeping(cleaning).
3. (1)Nucleus family household : A household is composed of "a married couple or unmarried partner", "a married couple with their unmarried child(ren)", or "father/mother with his/her unmarried child(ren)", with other collateral relatives or non-relatives. (2)Stem family household : A household is composed of "grandparents, parents and their unmarried child(ren)", "a married couple with their married child(ren)"or "grandparents with their unmarried grandchild(ren)", with other collateral relatives or non-relatives. (3)One-person household : An ordinary household is composed of only one person. (4)Other household : A household is composed of the householder and the relatives of the householder and unable to be classified as the three types of the family household listed above, or a household is composed of the householder and the non-relatives of the householder, such as the employees and those registered but never living in this household.

## 11. Living arrangement of the elder population

The elder population aged 65 years and over living alone reached at 571 thousand persons and rose up by 63.0\% over the decade.

The resident population aged 65 years and over totaled 3,670 thousand persons (not including foreign workers), of which 1,903 thousand persons or $51.9 \%$ living with children, 771 thousand persons or $21.0 \%$ only with spouse or unmarried partner, 571 thousand persons or $15.6 \%$ living alone ( 69 thousand persons having no children), 322 thousand persons or $8.8 \%$ with other relatives, 103 thousand persons or $2.8 \%$ living in the group quarters such as convalescent hospital, hospital, church or temple.

Comparing with 2010, affected by the substantial growth of the elder population, the number of the population for each of living arrangements increased, while the proportion showed a different scenario. Those living alone rose up by 221 thousand persons or $63.0 \%$ continuously, or by 1.3 percentage points. Those living at the institutions increased by 36 thousand persons or $54.5 \%$, or a minimal increase by 0.1 percentage points.

Observing the rate of population aged 65 years and over living with children by geographic distribution, the northern region $53.7 \%$ and the central region $53.1 \%$ were relative higher than the eastern region $39.9 \%$. Because most of their children were living in other counties and cities, leading to the rate of living alone $23.3 \%$ in the eastern region was higher than the other region.

Diagram 11-1 Living arrangement of the elder resident population in 3 censuses


Diagram 11-2 Living arrangement change of the elder resident population in 3 censuses


Table 11-1 Living arrangement of the resident population aged 65 years and over

|  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

[^5]
## 12. The handicapped population status

The completion rate of junior college and higher level of the handicapped resident population increased to 16.6\%.

The handicapped resident population totaled 1,183 thousand persons in 2020, representing $5.1 \%$ of the total resident population, increased by 138 thousand persons or $13.2 \%$ from 1,045 thousand persons in 2010. The male totaled 658 thousand persons or $55.6 \%$ and the female totaled 525 thousand persons or $44.4 \%$. Observing by age, the handicapped resident population under 15 years accounted for 38 thousand persons or $3.2 \%$, those 65 years and over increased to 523 thousand persons or $44.2 \%$. The handicapped resident population increased with age.

Observing by the highest level of education, the handicapped resident population aged 15 years and over totaled 1,145 thousand persons, of which 190 thousand persons or $16.6 \%$ with junior college and higher level, 322 thousand persons or $28.1 \%$ with senior high level, 256 thousand persons or $22.4 \%$ with junior high level, 377 thousand persons or $32.9 \%$ with elementary and lower level. Comparing with 2010, those with junior college and higher level increased by 87 thousand persons, $84.0 \%$ or 6.3 percentage points. Observing by age, the completion rate of junior college and higher level of the handicapped population aged 25 to 64 years was $23.2 \%$, rose up by 9.4 percentage points in recent 10 years, of which the rate for the 25 to 34 years age group was $33.3 \%$ and rose up by 12.6 percentage points in recent 10 years.

Diagram 12-1 Changing in the highest level of education of the handicapped resident population aged 15 years and over in 2 censuses


Table 12-1 Changing in the highest level of education of the handicapped resident population aged 25 to 64 years

|  | Grand <br> total | $25-34$ <br> years | $35-54$ <br> years | $55-64$ <br> years |
| :--- | :---: | :---: | :---: | :---: |
| 2010 | 13.8 | 20.7 | 14.6 | 9.1 |
| 2020 | 23.2 | 33.3 | 26.2 | 17.2 |
| Changes in 10 years <br> (percentage point) | 9.4 | 12.6 | 11.6 | 8.1 |

Observing the handicapped resident population by long-term care status, 406 thousand persons or $34.3 \%$ needed long-term care. It increased by 79 thousand persons, $24.1 \%$ or 3.0 percentage points from 2010 mainly due to the increase of the elder handicapped population needed long-term care. Observing by type of disability, about $70 \%$ of the handicapped resident population had limb disability, multi-disability, losing functions of primary organs. Comparing with 2010, the increase was more observed in senile dementia and chronic psychosis.

Diagram 12-2 Type of disability of the handicapped resident population needed long-term care in $\mathbf{2}$ censuses


Table 12-2 Handicapped resident population by sex and age

|  | 2020 |  |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage(\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) |
|  |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 1182931 | 100.0 | 138231 | 13.2 | 1044700 | 100.0 |
| By sex |  |  |  |  |  |  |
| Male | 657563 | 55.6 | 61314 | 10.3 | 596249 | 57.1 |
| Female | 525368 | 44.4 | 76917 | 17.2 | 448451 | 42.9 |
| By age |  |  |  |  |  |  |
| Under 15 years | 37751 | 3.2 | -8466 | -18.3 | 46217 | 4.4 |
| 15-24 years | 53016 | 4.5 | -2465 | -4.4 | 55481 | 5.3 |
| 25-34 years | 67090 | 5.7 | -16636 | -19.9 | 83726 | 8.0 |
| 35-44 years | 108015 | 9.1 | - 5900 | -5.2 | 113915 | 10.9 |
| 45-54 years | 149513 | 12.6 | -41893 | -21.9 | 191406 | 18.3 |
| 55-64 years | 244441 | 20.7 | 63153 | 34.8 | 181288 | 17.4 |
| 65 years and over | 523105 | 44.2 | 150438 | 40.4 | 372667 | 35.7 |

Note : Data in this table were linked and compiled from the resident population of the census data and the handicapped population data of the Social and Family Affairs Administration, the Ministry of Health and Welfare.

Table 12-3 The highest level of education of the handicapped resident population aged 15 years and over

|  | 2020 |  |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) |
|  |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 1145180 | 100.0 | 146697 | 14.7 | 998483 | 100.0 |
| By the highest level of education |  |  |  |  |  |  |
| Elementary | 376985 | 32.9 | -72717 | -16.2 | 449702 | 45.0 |
| Junior high | 256223 | 22.4 | 28738 | 12.6 | 227485 | 22.8 |
| Senior high | 322234 | 28.1 | 104074 | 47.7 | 218160 | 21.8 |
| Junior college and higher | 189738 | 16.6 | 86602 | 84.0 | 103136 | 10.3 |

Note : 1. Data in this table were linked and compiled from the resident population of the census data and the handicapped population data of the Social and Family Affairs Administration, the Ministry of Health and Welfare.
2.The data of the highest level of education were not collected from school enrollment population and the uncompleted population in 2010, thus the data were the estimation of the prior level.

## 13. The indigenous population status

More of the indigenous population aged under 54 years lived in the northern region, while those 65 years and over lived in the eastern region.

The indigenous resident population totaled 571 thousand persons in 2020, representing $2.5 \%$ of the total resident population. It increased by 61 thousand persons or $11.9 \%$ from 510 thousand persons in 2010 . The male and the female stood at $48.4 \%$ and $51.6 \%$ respectively. Observing by age, the indigenous resident population aged under 15 years stood at $19.5 \%, 60.3 \%$ for the 15 to 24 years age group, $11.6 \%$ for the 55 to 64 years age group, $8.6 \%$ for the 65 years and over. The average age was 34.8 years and younger than the national average by 6.9 years.

Observing by the highest level of education, the indigenous resident population aged 15 years and over totaled 460 thousand persons, of which 108 thousand persons or $23.4 \%$ with junior college and higher level, 180 thousand persons or $39.2 \%$ with senior high level, 172 thousand persons or $37.4 \%$ with junior high and lower level. Comparing with 2010, those with junior college and higher level increased by 59 thousand persons, 1.2 -fold or 11.1 percentage points.


Observing by geographic distribution, 220 thousand persons or $38.4 \%$ of the indigenous resident population were in the northern region, mainly distributed in Taoyuan City 89 thousand persons or $15.6 \%$, New Taipei City 61 thousand persons or $10.7 \%$. The eastern region reported 149 thousand persons or $26.1 \%$, 84 thousand persons or $14.7 \%$ in Hualien County, 65 thousand persons or $11.4 \%$ in Taitung County. The southern region reported 112 thousand persons or $19.6 \%$, 56 thousand persons or $9.8 \%$ mainly in Pintung County, 39 thousand persons or $6.8 \%$ in Kaohsiung City. The central region reported 89 thousand persons or 15.6\%, 46 thousand persons or $8.1 \%$ mainly in Taichung City, 23 thousand persons or $4.1 \%$ in Nantou County.

Observing by age, $37 \%$ to $44 \%$ of all the age groups under 55 years lived in the norther region, the 55 to 64 years age group lived in the northern region and the eastern region stood comparable at $32.4 \%$. Nearly $50 \%$ of the 65 years and over lived in the eastern region.

Diagram 13-2 2020 Geographic distribution of the indigenous resident population


Diagram 13-3 2020 Regional distribution of the indigenous resident population by age


Table 13-1 Changing in the number of the indigenous resident population

|  | 2020 |  |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage(\%) | Changes in 10 years |  |  |  |
|  |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) | Number <br> (person) | Percentage <br> (\%) |
| Grand total | 571274 | 100.0 | 60787 | 11.9 | 510487 | 100.0 |
| Northern region | 219549 | 38.4 | 22816 | 11.6 | 196733 | 38.5 |
| New Taipei City | 61282 | 10.7 | - 3501 | -5.4 | 64783 | 12.7 |
| Taipei City | 18274 | 3.2 | - 8060 | -30.6 | 26334 | 5.2 |
| Taoyuan City | 88895 | 15.6 | 26959 | 43.5 | 61936 | 12.1 |
| Keelung City | 9785 | 1.7 | 177 | 1.8 | 9608 | 1.9 |
| Hsinchu City | 4809 | 0.8 | -1452 | -23.2 | 6261 | 1.2 |
| Yilan County | 16513 | 2.9 | 4209 | 34.2 | 12304 | 2.4 |
| Hsinchu County | 19991 | 3.5 | 4484 | 28.9 | 15507 | 3.0 |
| Central region | 88978 | 15.6 | 12699 | 16.6 | 76279 | 14.9 |
| Taichung City | 46330 | 8.1 | 11370 | 32.5 | 34960 | 6.8 |
| Miaoli County | 10655 | 1.9 | 2025 | 23.5 | 8630 | 1.7 |
| Changhua County | 5668 | 1.0 | 1890 | 50.0 | 3778 | 0.7 |
| Nantou County | 23306 | 4.1 | - 3923 | -14.4 | 27229 | 5.3 |
| Yunlin County | 3019 | 0.5 | 1337 | 79.5 | 1682 | 0.3 |
| Southern region | 112137 | 19.6 | 18640 | 19.9 | 93497 | 18.3 |
| Tainan City | 9854 | 1.7 | 2187 | 28.5 | 7667 | 1.5 |
| Kaohsiung City | 38880 | 6.8 | 9769 | 33.6 | 29111 | 5.7 |
| Chiayi City | 1313 | 0.2 | -63 | -4.6 | 1376 | 0.3 |
| Chiayi County | 5162 | 0.9 | 508 | 10.9 | 4654 | 0.9 |
| Pingtung County | 56129 | 9.8 | 5937 | 11.8 | 50192 | 9.8 |
| Penghu County | 799 | 0.1 | 302 | 60.8 | 497 | 0.1 |
| Eastern region | 148951 | 26.1 | 5893 | 4.1 | 143058 | 28.0 |
| Taitung County | 65251 | 11.4 | 2098 | 3.3 | 63153 | 12.4 |
| Hualien County | 83700 | 14.7 | 3795 | 4.7 | 79905 | 15.7 |
| Kinma region | 1659 | 0.3 | 739 | 80.3 | 920 | 0.2 |
| Kinmen County | 1105 | 0.2 | 639 | 137.1 | 466 | 0.1 |
| Lienchiang County | 554 | 0.1 | 100 | 22.0 | 454 | 0.1 |

Note: Data in this table were linked and compiled from the resident population of the census data and the household registration data of the Department of Household Registration, the Ministry of Interior as of November 8 of 2020.

Table 13-2 The highest level of education of the indigenous resident population aged 15 years and over

|  | 2020 |  |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) |
|  |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 460047 | 100.0 | 65326 | 16.5 | 394721 | 100.0 |
| By the highest level of education |  |  |  |  |  |  |
| Elementary and lower | 60902 | 13.2 | -30321 | -33.2 | 91223 | 23.1 |
| Junior high | 111146 | 24.2 | -9704 | -8.0 | 120850 | 30.6 |
| Senior high | 180298 | 39.2 | 46150 | 34.4 | 134148 | 34.0 |
| Junior college and higher | 107701 | 23.4 | 59201 | 122.1 | 48500 | 12.3 |

Note : 1. Data in this table were linked and compiled from the resident population of the census data and the household registration data of the Department of Household Registration, the Ministry of Interior as of November 8 of 2020.
2.The data of the highest level of education were not collected from school enrollment population and the uncompleted population in 2010, thus the data were the estimation of the prior level.

## 14. Foreign spouse, spouse of the Chinese Mainland, Hong Kong and Macau

About $51.6 \%$ of the foreign spouses came from the Chinese Mainland, Hong Kong and Macau, $\mathbf{4 3 . 1 \%}$ came from Southeast Asia countries.
The foreign spouses, spouses of the Chinese Mainland, Hong Kong and Macau (including naturalized to R.O.C. or hold the resident certificate, hereinafter referred to as "foreign spouses") totaled 313 thousand persons and increased by 27 thousand persons or $9.3 \%$ from 2010. A total of 161 thousand persons or $51.6 \%$ came from the Chinese Mainland, Hong Kong and Macau, 135 thousand persons or $43.1 \%$ from the Southeast Asia countries, 17 thousand persons or $5.4 \%$ from other country.

Diagram 14-1 2020 Foreign spouse, spouse of the Chinese Mainland, Hong Kong and Macau


Most of the foreign spouses were female and totaled 283 thousand persons or $90.5 \%$, while the male spouses only 30 thousand persons or $9.5 \%$. Observing by age, a total of 142 thousand persons or $45.2 \%$ of the foreign spouses were 35 to 44 years, 85 thousand persons or $27.1 \%$ were 45 to 54 years, 53 thousand persons or $16.9 \%$ were under 34 years. The average age of the foreign spouses was 42.8 years.

Observing by usually living area, the northern region reported 161 thousand persons or $51.5 \%$, the central region 71 thousand persons or $22.6 \%$, the southern region 73 thousand persons or $23.5 \%$, the eastern region 6 thousand persons or $1.8 \%$, the Kinma region 2 thousand persons or $0.7 \%$. Observing by nationality, the northern region, the eastern region and Kinma region reported more of the foreign spouses came from the Chinese Mainland, Hong Kong and Macau, about $80 \%$ in the Kinma region. The central and the southern region reported a comparable percentage of the foreign spouses came from the Chinese Mainland, Hong Kong, Macau and the Southeast Asia countries.

Table 14-1 Basic characteristics and distribution of foreign spouse, spouse of the Chinese Mainland, Hong Kong and Macau

|  | Grand total |  |  | Chinese Mainland, Hong Kong and Macau | Southeast Asia countries | Other country |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (person) | Percentage | Percentage |  |  |  |
| - Number (person) | 286058 |  |  | 159730 | 115947 | 10381 |
| 0 Percentage |  |  | 100.0 | 55.8 | 40.5 | 3.6 |
| 2020 \{ Number (person) | 312760 | 100.0 |  | 161241 | 134705 | 16814 |
| 2020 \{ Percentage |  |  | 100.0 | 51.6 | 43.1 | 5.4 |
| By sex |  |  |  |  |  |  |
| Male | 29624 | 9.5 | 100.0 | 34.0 | 27.8 | 38.1 |
| Female | 283136 | 90.5 | 100.0 | 53.4 | 44.7 | 1.9 |
| By age |  |  |  |  |  |  |
| Under 25 years | 7880 | 2.5 | 100.0 | 5.1 | 92.8 | 2.1 |
| 25-34 years | 45113 | 14.4 | 100.0 | 42.4 | 48.5 | 9.1 |
| 35-44 years | 141520 | 45.2 | 100.0 | 45.8 | 50.2 | 4.1 |
| 45-54 years | 84889 | 27.1 | 100.0 | 64.4 | 31.5 | 4.1 |
| 55 years and over | 33358 | 10.7 | 100.0 | 66.7 | 23.3 | 10.0 |
| By region |  |  |  |  |  |  |
| Northern region | 160933 | 51.5 | 100.0 | 53.9 | 38.8 | 7.3 |
| Central region | 70755 | 22.6 | 100.0 | 48.0 | 48.7 | 3.3 |
| Southern region | 73402 | 23.5 | 100.0 | 48.9 | 47.8 | 3.4 |
| Eastern region | 5605 | 1.8 | 100.0 | 53.4 | 41.9 | 4.6 |
| Kinma region | 2065 | 0.7 | 100.0 | 82.0 | 17.2 | 0.7 |

Table 14-2 Foreign spouse, spouse of the Chinese Mainland, Hong Kong and Macau

|  | 2020 |  |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (person) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (person) | Percentage <br> (\%) |
|  |  |  | Number of increase or decrease (person) | Rate of increase or decrease (\%) |  |  |
| Grand total | 312760 | 100.0 | 26702 | 9.3 | 286058 | 100.0 |
| By sex |  |  |  |  |  |  |
| Male | 29624 | 9.5 | 6988 | 30.9 | 22636 | 7.9 |
| Female | 283136 | 90.5 | 19714 | 7.5 | 263422 | 92.1 |
| By county and city |  |  |  |  |  |  |
| Northern region | 160933 | 51.5 | 13801 | 9.4 | 147132 | 51.4 |
| New Taipei City | 59412 | 19.0 | 3159 | 5.6 | 56253 | 19.7 |
| Taipei City | 36748 | 11.7 | 4974 | 15.7 | 31774 | 11.1 |
| Taoyuan City | 39185 | 12.5 | 2760 | 7.6 | 36425 | 12.7 |
| Keelung City | 5766 | 1.8 | 267 | 4.9 | 5499 | 1.9 |
| Hsinchu City | 5947 | 1.9 | 468 | 8.5 | 5479 | 1.9 |
| Yilan County | 5080 | 1.6 | 376 | 8.0 | 4704 | 1.6 |
| Hsinchu County | 8795 | 2.8 | 1797 | 25.7 | 6998 | 2.4 |
| Central region | 70755 | 22.6 | 9703 | 15.9 | 61052 | 21.3 |
| Taichung City | 33268 | 10.6 | 6478 | 24.2 | 26790 | 9.4 |
| Miaoli County | 8608 | 2.8 | 645 | 8.1 | 7963 | 2.8 |
| Changhua County | 14429 | 4.6 | 2091 | 16.9 | 12338 | 4.3 |
| Nantou County | 6148 | 2.0 | 513 | 9.1 | 5635 | 2.0 |
| Yunlin County | 8302 | 2.7 | -24 | -0.3 | 8326 | 2.9 |
| Southern region | 73402 | 23.5 | 2688 | 3.8 | 70714 | 24.7 |
| Tainan City | 19134 | 6.1 | 261 | 1.4 | 18873 | 6.6 |
| Kaohsiung City | 32553 | 10.4 | 1038 | 3.3 | 31515 | 11.0 |
| Chiayi City | 2980 | 1.0 | 405 | 15.7 | 2575 | 0.9 |
| Chiayi County | 7595 | 2.4 | 424 | 5.9 | 7171 | 2.5 |
| Pingtung County | 10090 | 3.2 | 608 | 6.4 | 9482 | 3.3 |
| Penghu County | 1050 | 0.3 | -48 | -4.4 | 1098 | 0.4 |
| Eastern region | 5605 | 1.8 | -44 | -0.8 | 5649 | 2.0 |
| Taitung County | 2097 | 0.7 | -107 | -4.9 | 2204 | 0.8 |
| Hualien County | 3508 | 1.1 | 63 | 1.8 | 3445 | 1.2 |
| Kinma region | 2065 | 0.7 | 554 | 36.7 | 1511 | 0.5 |
| Kinmen County | 1767 | 0.6 | 455 | 34.7 | 1312 | 0.5 |
| Lienchiang County | 298 | 0.1 | 99 | 49.7 | 199 | 0.1 |

[^6]
## 15. Family household type

The nucleus households decreased to $\mathbf{5 1 . 3} \%$ and one-person households rose up to $\mathbf{2 5 . 9 \%}$.
The ordinary households accounted for 8,033 thousand households in 2020, increased by 619 thousand households or $8.3 \%$ from 2010, while it was lower than the increment of 992 thousand households or $12.5 \%$ of the registered households. The average household size kept diminishing to 2.8 persons from 3.3 persons and 3.0 persons in 2000 and 2010 respectively.

## Diagram 15-1 Changing in the number of the ordinary households and average household size in historical censuses



Observing by type of family household, the nucleus family households accounted for 4,123 thousand households or $51.3 \%$, of which $30.6 \%$ were composed of a married couple with their unmarried child(ren). The one-person households accounted for 2,085 thousand households or $25.9 \%$. The stem family households accounted for 1,279 thousand households or $15.9 \%$, of which $10.5 \%$ were the three-generation family households composed of grandparents, parents and their unmarried child(ren)

## Diagram 15-2 2020 Family household type



Table 15-1 Changing in the number of the ordinary households

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (household) | Percentage(\%) | Changes in 10 years |  | Number <br> (household) | Percentage(\%) | Changes in 10 years |  | Number(household) | Percentage(\%) |
|  |  |  | Number of increase or decrease (household) | Rate of increase or decrease (\%) |  |  | Number of increase or decrease (household) | Rate of increase or decrease (\%) |  |  |
| Grand total | 8033191 | 100.0 | 618820 | 8.3 | 7414371 | 100.0 | 944146 | 14.6 | 6470225 | 100.0 |
| Northern region | 3870578 | 48.2 | 384956 | 11.0 | 3485622 | 47.0 | 540644 | 18.4 | 2944978 | 45.5 |
| New Taipei City | 1526303 | 19.0 | 188041 | 14.1 | 1338262 | 18.0 | 193901 | 16.9 | 1144361 | 17.7 |
| Taipei City | 935990 | 11.7 | - 12346 | -1.3 | 948336 | 12.8 | 91544 | 10.7 | 856792 | 13.2 |
| Taoyuan City | 763346 | 9.5 | 116926 | 18.1 | 646420 | 8.7 | 169130 | 35.4 | 477290 | 7.4 |
| Keelung City | 139874 | 1.7 | 6456 | 4.8 | 133418 | 1.8 | 11260 | 9.2 | 122158 | 1.9 |
| Hsinchu City | 168124 | 2.1 | 27393 | 19.5 | 140731 | 1.9 | 29285 | 26.3 | 111446 | 1.7 |
| Yilan County | 141497 | 1.8 | 13822 | 10.8 | 127675 | 1.7 | 6430 | 5.3 | 121245 | 1.9 |
| Hsinchu County | 195444 | 2.4 | 44664 | 29.6 | 150780 | 2.0 | 39094 | 35.0 | 111686 | 1.7 |
| Central region | 1852028 | 23.1 | 161169 | 9.5 | 1690859 | 22.8 | 209742 | 14.2 | 1481117 | 22.9 |
| Taichung City | 976599 | 12.2 | 153280 | 18.6 | 823319 | 11.1 | 125363 | 18.0 | 697956 | 10.8 |
| Miaoli County | 166735 | 2.1 | 10065 | 6.4 | 156670 | 2.1 | 18673 | 13.5 | 137997 | 2.1 |
| Changhua County | 355173 | 4.4 | 1235 | 0.3 | 353938 | 4.8 | 39697 | 12.6 | 314241 | 4.9 |
| Nantou County | 152910 | 1.9 | 3206 | 2.1 | 149704 | 2.0 | 11547 | 8.4 | 138157 | 2.1 |
| Yunlin County | 200611 | 2.5 | - 6617 | -3.2 | 207228 | 2.8 | 14462 | 7.5 | 192766 | 3.0 |
| Southern region | 2108109 | 26.2 | 55996 | 2.7 | 2052113 | 27.7 | 177579 | 9.5 | 1874534 | 29.0 |
| Tainan City | 618413 | 7.7 | 18887 | 3.2 | 599526 | 8.1 | 59259 | 11.0 | 540267 | 8.4 |
| Kaohsiung City | 952477 | 11.9 | 25328 | 2.7 | 927149 | 12.5 | 83473 | 9.9 | 843676 | 13.0 |
| Chiayi City | 93084 | 1.2 | 2370 | 2.6 | 90714 | 1.2 | 9960 | 12.3 | 80754 | 1.2 |
| Chiayi County | 159998 | 2.0 | 7377 | 4.8 | 152621 | 2.1 | 1509 | 1.0 | 151112 | 2.3 |
| Pingtung County | 256720 | 3.2 | 509 | 0.2 | 256211 | 3.5 | 20249 | 8.6 | 235962 | 3.6 |
| Penghu County | 27417 | 0.3 | 1525 | 5.9 | 25892 | 0.3 | 3129 | 13.7 | 22763 | 0.4 |
| Eastern region | 179971 | 2.2 | 10421 | 6.1 | 169550 | 2.3 | 13517 | 8.7 | 156033 | 2.4 |
| Taitung County | 71643 | 0.9 | 3458 | 5.1 | 68185 | 0.9 | 5698 | 9.1 | 62487 | 1.0 |
| Hualien County | 108328 | 1.3 | 6963 | 6.9 | 101365 | 1.4 | 7819 | 8.4 | 93546 | 1.4 |
| Kinma region | 22505 | 0.3 | 6278 | 38.7 | 16227 | 0.2 | 2664 | 19.6 | 13563 | 0.2 |
| Kinmen County | 20216 | 0.3 | 5808 | 40.3 | 14408 | 0.2 | 2202 | 18.0 | 12206 | 0.2 |
| Lienchiang County | 2289 | 0.0 | 470 | 25.8 | 1819 | 0.0 | 462 | 34.0 | 1357 | 0.0 |

Comparing with 2010, affected by a postponement of marriage and childbearing, the households composed of a married couple with their unmarried child(ren) kept decreasing by 201 thousand households or $7.6 \%$, a decrease of 5.2 percentage points from the total of the ordinary households. All the other households showed an increase. The one-person households kept increasing by 455 thousand households, $27.9 \%$ or 3.9 percentage points. The married couple or unmarried partner households increased by 254 thousand households, $31.1 \%$ or 2.3 percentage points. The single parent families and the skip-generation family households also rose up by $7.5 \%$ and $1.8 \%$ respectively while it tended to grow modestly.

Diagram 15-3 Number of the family households in 3 censuses


Diagram 15-4 Family household structure change in $\mathbf{3}$ censuses


Table 15-2 Changing in the household type for ordinary households

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (household) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (household) | Percentage(\%) | Changes in 10 years |  | Number <br> (household) | Percentage(\%) |
|  |  |  | Number of increase or decrease <br> (household) | Rate of <br> increase <br> or <br> decrease <br> $(\%)$ |  |  | Number of increase or decrease (household) | Rate of <br> increase <br> or <br> decrease <br> $(\%)$ |  |  |
| Grand total | 8033191 | 100.0 | 618820 | 8.3 | 7414371 | 100.0 | 944146 | 14.6 | 6470225 | 100.0 |
| Nucleus family household | 4123461 | 51.3 | 94956 | 2.4 | 4028505 | 54.3 | 466100 | 13.1 | 3562405 | 55.1 |
| A married couple or | 1072010 | 13.3 | 254039 | 31.1 | 817971 | 11.0 | 313843 | 62.3 | 504128 | 7.8 |
| unmarried partner |  |  |  |  |  |  |  |  |  |  |
| A married couple with their | 2454929 | 30.6 | -200 519 | -7.6 | 2655448 | 35.8 | -28534 | -1.1 | 2683982 | 41.5 |
| unmarried child(ren) |  |  |  |  |  |  |  |  |  |  |
| Father/mother with his/her | 596522 | 7.4 | 41436 | 7.5 | 555086 | 7.5 | 180791 | 48.3 | 374295 | 5.8 |
| unmarried child(ren) |  |  |  |  |  |  |  |  |  |  |
| (single parent) |  |  |  |  |  |  |  |  |  |  |
| Stem family household | 1278796 | 15.9 | 62105 | 5.1 | 1216691 | 16.4 | 202880 | 20.0 | 1013811 | 15.7 |
| Grandparents, parents and | 843729 | 10.5 | 29214 | 3.6 | 814515 | 11.0 | 133411 | 19.6 | 681104 | 10.5 |
| their unmarried child(ren) |  |  |  |  |  |  |  |  |  |  |
| (three-generation) |  |  |  |  |  |  |  |  |  |  |
| A married couple with their | 331619 | 4.1 | 31069 | 10.3 | 300550 | 4.1 | 43092 | 16.7 | 257458 | 4.0 |
| married child(ren) |  |  |  |  |  |  |  |  |  |  |
| Grandparents with their | 103448 | 1.3 | 1822 | 1.8 | 101626 | 1.4 | 26377 | 35.1 | 75249 | 1.2 |
| unmarried grandchild(ren) |  |  |  |  |  |  |  |  |  |  |
| (skip-generation) |  |  |  |  |  |  |  |  |  |  |
| One-person household | 2084549 | 25.9 | 454579 | 27.9 | 1629970 | 22.0 | 237677 | 17.1 | 1392293 | 21.5 |
| Other household | 546385 | 6.8 | 7180 | 1.3 | 539205 | 7.3 | 37489 | 7.5 | 501716 | 7.8 |
| With relatives | 448764 | 5.6 | 6001 | 1.4 | 442763 | 6.0 | 22195 | 5.3 | 420568 | 6.5 |
| With no relatives | 97621 | 1.2 | 1179 | 1.2 | 96442 | 1.3 | 15294 | 18.8 | 81148 | 1.3 |

Note : Other household with relatives refers to a household is composed of the householder and the relatives of the householder unable to be classified as the nucleus family household or stem family household. Other household with no relatives refers to a household is composed of the householder and the non-relatives of the householder, such as the employees and those registered but never living in this household.

## II. Housing status

## 16. Housing distribution and change

(1)The housing units totaled 8,993 thousand units in 2020. The average annual growth rate fell to $\mathbf{1 . 1} \%$ over the decade.

The housing units totaled 8,993 thousand units in 2020 and increased by 918 thousand units or $11.4 \%$ from 2010, lower than the increment of the last census $15.5 \%$. Observing by housing growth over the historical censuses, the average annual growth rate decreased slowly from $3.5 \%$ to $3.2 \%$ between 1966 and 2000 , fell sharply to $1.4 \%$ from 2000 to 2010 , declined to $1.1 \%$ in recent 10 years.

Diagram 16-1 Number of the housing units in historical censuses


Diagram 16-2 Changing in the number of the housing units over historical censuses


Observing by regional distribution, the housing units accounted most for 4,245 thousand units or $47.2 \%$ in the northern region, followed by 2,432 thousand units or $27.0 \%$ in the southern region, 2,084 thousand units or $23.2 \%$ in the central region, 206 thousand units or $2.3 \%$ in the eastern region, 26 thousand units or $0.3 \%$ in the Kinma region. Observing by geographic distribution, $70 \%$ of the housing units were in the 6 municipalities. Of which 3 cities reported the housing units were more than 1,000 thousand units, including New Taipei City 1,677 thousand units or $18.6 \%$, Kaohsiung City 1,107 thousand units or $12.3 \%$, Taichung City 1,073 thousand units or $11.9 \%$.

Diagram 16-3 2020 Housing distribution
Table 16-1 Number of housing units in 3 censuses

(2)The housing showed a substantial increase in New Taipei City, Taoyuan City and Taichung City due to new city development in recent 10 years.

Observing housing increment in recent 10 years by regional distribution, the housing units grew by 461 thousand units in the northern region, representing $50 \%$ of the total national increase. Of which New Taipei City and Taoyuan City had a relative more increase of 181 thousand units and 135 thousand units respectively. The housing units increased by 219 thousand units or $23.9 \%$ in the central region. Because Taichung City had a developed transport network and the Science Park, thus the housing units increased by 131 thousand units. The housing units increased by 218 thousand units or $23.8 \%$ in the southern region. Kaohsiung City and Tainan City increased by 108 thousand units and 70 thousand units. The housing units increased by 11 thousand units only or $1.2 \%$ in the eastern region. The housing units increased by 9 thousand units or $1.0 \%$ in the Kinma region due to the tourism development and promoting of affordable housing in Kinmen County.

Observing by township, city and district, New Taipei City Danshui District and Taoyuan City Zhongli District increased most by 32 thousand units and 29 thousand units due to new district development, followed by Hsinchu County Zhubei City 26 thousand units due to its adjacent to Hsinchu Science Park. Taoyuan City Taoyuan District, Taichung City Beitun District and New Taipei City Xinzhuang District increased by 25 thousand units, 24 thousand units and 21 thousand units respectively, all over 20 thousand units. New Taipei City Linkou District and Banqiao District each increased by 19 thousand units, Taichung City Xitun District and Kaohsiung City Nanzi District increased by 16 thousand units and 15 thousand units respectively, the increment was between 10 thousand units and 20 thousand units. Tainan City Yongkang District and Annan District increased by 10 thousand units respectively due to the development brought by the Tainan Science Park.

Diagram 16-4 Housing increase in 10 years by township, city and district

Table 16-2 Housing increment in 10 years by township, city and district


Table 16-3 Changing in the number of the housing units

|  | 2020 |  |  |  | 2010 |  |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (housing <br> unit) | Percentage <br> (\%) | Changes in 10 years |  | Number <br> (housing <br> unit) | Percentage <br> (\%) | Changes in 10 years |  |  |  |
|  |  |  | Number of increase or decrease (housing unit) | Rate of increase or decrease <br> (\%) |  |  | Number of increase or decrease (housing unit) | Rate of increase or decrease <br> (\%) | Number <br> (housing <br> unit) | Percentage <br> (\%) |
| Grand total | 8993149 | 100.0 | 918620 | 11.4 | 8074529 | 100.0 | 1081430 | 15.5 | 6993099 | 100.0 |
| Northern region | 4245451 | 47.2 | 461153 | 12.2 | 3784298 | 46.9 | 579400 | 18.1 | 3204898 | 45.8 |
| New Taipei City | 1676933 | 18.6 | 181398 | 12.1 | 1495535 | 18.5 | 223191 | 17.5 | 1272344 | 18.2 |
| Taipei City | 950496 | 10.6 | 33090 | 3.6 | 917406 | 11.4 | 89868 | 10.9 | 827538 | 11.8 |
| Taoyuan City | 867883 | 9.7 | 135086 | 18.4 | 732797 | 9.1 | 162589 | 28.5 | 570208 | 8.2 |
| Keelung City | 171191 | 1.9 | 9126 | 5.6 | 162065 | 2.0 | 13294 | 8.9 | 148771 | 2.1 |
| Hsinchu City | 181086 | 2.0 | 25203 | 16.2 | 155883 | 1.9 | 28195 | 22.1 | 127688 | 1.8 |
| Yilan County | 188788 | 2.1 | 28538 | 17.8 | 160250 | 2.0 | 19825 | 14.1 | 140425 | 2.0 |
| Hsinchu County | 209074 | 2.3 | 48712 | 30.4 | 160362 | 2.0 | 42438 | 36.0 | 117924 | 1.7 |
| Central region | 2084028 | 23.2 | 219271 | 11.8 | 1864757 | 23.1 | 221938 | 13.5 | 1642819 | 23.5 |
| Taichung City | 1073182 | 11.9 | 131492 | 14.0 | 941690 | 11.7 | 135192 | 16.8 | 806498 | 11.5 |
| Miaoli County | 190106 | 2.1 | 25633 | 15.6 | 164473 | 2.0 | 20216 | 14.0 | 144257 | 2.1 |
| Changhua County | 420090 | 4.7 | 34916 | 9.1 | 385174 | 4.8 | 25625 | 7.1 | 359549 | 5.1 |
| Nantou County | 173230 | 1.9 | 13442 | 8.4 | 159788 | 2.0 | 13215 | 9.0 | 146573 | 2.1 |
| Yunlin County | 227420 | 2.5 | 13788 | 6.5 | 213632 | 2.6 | 27690 | 14.9 | 185942 | 2.7 |
| Southern region | 2431567 | 27.0 | 218306 | 9.9 | 2213261 | 27.4 | 262702 | 13.5 | 1950559 | 27.9 |
| Tainan City | 712130 | 7.9 | 70241 | 10.9 | 641889 | 7.9 | 74493 | 13.1 | 567396 | 8.1 |
| Kaohsiung City | 1107058 | 12.3 | 107950 | 10.8 | 999108 | 12.4 | 133503 | 15.4 | 865605 | 12.4 |
| Chiayi City | 106368 | 1.2 | 4797 | 4.7 | 101571 | 1.3 | 11457 | 12.7 | 90114 | 1.3 |
| Chiayi County | 182774 | 2.0 | 10104 | 5.9 | 172670 | 2.1 | 20979 | 13.8 | 151691 | 2.2 |
| Pingtung County | 292234 | 3.2 | 22948 | 8.5 | 269286 | 3.3 | 19191 | 7.7 | 250095 | 3.6 |
| Penghu County | 31003 | 0.3 | 2266 | 7.9 | 28737 | 0.4 | 3079 | 12.0 | 25658 | 0.4 |
| Eastern region | 205658 | 2.3 | 11073 | 5.7 | 194585 | 2.4 | 15091 | 8.4 | 179494 | 2.6 |
| Taitung County | 78293 | 0.9 | 4206 | 5.7 | 74087 | 0.9 | 5720 | 8.4 | 68367 | 1.0 |
| Hualien County | 127365 | 1.4 | 6867 | 5.7 | 120498 | 1.5 | 9371 | 8.4 | 111127 | 1.6 |
| Kinma region | 26445 | 0.3 | 8817 | 50.0 | 17628 | 0.2 | 2299 | 15.0 | 15329 | 0.2 |
| Kinmen County | 23405 | 0.3 | 8057 | 52.5 | 15348 | 0.2 | 2091 | 15.8 | 13257 | 0.2 |
| Lienchiang County | 3040 | 0.0 | 760 | 33.3 | 2280 | 0.0 | 208 | 10.0 | 2072 | 0.0 |

## 17. Housing usage

(1)The occupied housing units for residence use stood at $\mathbf{7 3 . 2 \%}$ and the home vacancy rate fell to $\mathbf{1 8 . 5 \%}$ by 0.8 percentage points from 2010.
The occupied housing units (have been living or plan to live at current address for 6 months or more) totaled 6,896 thousand units, comprising $76.7 \%$ of the total housing units, of which 6,585 thousand units or $73.2 \%$ for residence only, 310 thousand units or $3.5 \%$ for residence and agriculture, factory, business or service.

The unoccupied housing units totaled 2,097 thousand units or $23.3 \%$, of which 435 thousand units or $4.8 \%$ were for other uses (such as offices, storage rooms, etc.). The others were the vacant housing units. Of the vacant housing units, 489 thousand units or $5.4 \%$ were owner occupied sometimes, 1,174 thousand units or $13.1 \%$ for rent, for sale, rented, sold out, under repair or not in use now (census period) for any other reason. The vacant housing units totaled 1,662 thousand units, representing $18.5 \%$ of the total housing units (home vacancy rate).

Diagram 17-1 2020 Housing usage


Comparing with 2010, the housing units for residence only increased by 783 thousand units or $13.5 \%$, the housing units also for other uses decreased by 29 thousand units or $8.4 \%$, the housing units for other uses other than owner occupied increased by 61 thousand units or $16.4 \%$. The vacant housing units also increased by 102 thousand units or $6.6 \%$. Observing by historical censuses, the vacant housing units increased with the growth of housing units. The home vacancy rate increased from $13.1 \%$ in 1980 to 2010 and showed a historical decrease in 2020.

Table 17-1 Housing usage change in $\mathbf{2}$ censuses

|  | 2020 |  |  |  | 2010 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Housing unit (10 thousand unit) | Percentage (\%) | Changes in 10 years |  | Housing unit (10 thousand unit) | Percentage <br> (\%) |
|  |  |  | Number of <br> increase <br> or <br> decrease <br> (10 <br> thousand | Rate of increase or decrease (\%) |  |  |
| Grand total | 899.3 | 100.0 | 91.8 | 11.4 | 807.5 | 100.0 |
| Occupied | 689.6 | 76.7 | 75.5 | 12.3 | 614.1 | 76.1 |
| Residence only | 658.5 | 73.2 | 78.3 | 13.5 | 580.2 | 71.9 |
| Residence and agriculture, factory, business or service | 31.0 | 3.5 | -2.9 | -8.4 | 33.9 | 4.2 |
| Unoccupied | 209.7 | 23.3 | 16.3 | 8.5 | 193.4 | 23.9 |
| Other uses other than owner occupied | 43.5 | 4.8 | 6.1 | 16.4 | 37.4 | 4.6 |
| Vacant housing unit | 166.2 | 18.5 | 10.2 | 6.6 | 156.0 | 19.3 |
| Owner occupied sometimes | 48.9 | 5.4 | - | - | - | - |
| Not in use now | 117.4 | 13.1 | - | - | - | - |

Note : The "owner occupied sometimes" was added to housing usage in 2020 Census. Both "owner occupied sometimes" and "not in use now" were classified in the
"vacant housing unit".

Diagram 17-2 Number of vacant housing units and home vacancy rate in historical censuses

(2)The home vacancy rate decreased for the housing units built under 20 years but increased for small area housing units.
Observing by housing age, the vacant housing units built for more than 40 years accounted for 537 thousand units or $32.3 \%$, increased by 376 thousand units or 2.3 -fold from 2010. A total of 458 thousand units or $27.5 \%$ were for under 20 years, decreased by 356 thousand units or $43.7 \%$. Observing by total floor area, the vacant housing units under 60 square meters accounted for 377 thousand units or $22.7 \%$, increased by 103 thousand units or $37.4 \%$ from 2010.

Observing by housing age, the home vacancy rate was $26.0 \%$ for the housing units built under 10 years, $17.1 \%$ for 10 to under 20 years, decreased by 1.3 and 4.8 percentage points respectively. Observing by total floor area, the home vacancy rate was $32.6 \%$ for the housing units under 60 square meters, increased by 7.5 percentage points from 2010. The rate decreased for all the groups of the 60 square meters and over.

Diagram 17-3 Number of vacant housing units and home vacancy rate


Observing by regional distribution, the home vacancy rate was relatively low for the 6 municipalities, of which Taipei City stood the lowest at $15.0 \%$. Because the number of the resident population decreased substantially over the decade, the home vacancy rate of Taipei City kept increasing by 1.6 percentage points, other 5 municipalities all showed a decrease. New Taipei City and Taoyuan City fell by 4.4 percentage points and 3.5 percentage points. The following counties and cities reported a relatively higher home vacancy rate, Kinmen County $31.0 \%$, Yilan County 28.3\%, Hualien County $27.3 \%$ and Taitung County 26.9\%.

A total of 66 townships cities and districts reported the home vacancy rate was over 30\%, of which New Taipei City Danshui District, Taichung City Central District and Kaohsiung City Qianjin District decreased by 7.7 percentage points, 18.0 percentage points and 2.0 percentage points from 2010 due to the increase of the resident population over the decade, while Yilan County Jiaoxi Township and Sanxing Township, Kinmen County Jinhu Township increased by 17.8 percentage points, 9.8 percentage points and 10.7 percentage points respectively from 2010 due to the regional development and promotion of the tourism. The other townships, cities and districts were in non-urban area which showed a decrease of the resident population.


Table 17-2 Changing in the vacant housing units

|  | 2020 |  |  |  | 2010 |  |  | 2000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number <br> (housing unit) | Home <br> vacancy <br> rate <br> (\%) | Owner occupied sometimes <br> (\%) | Home <br> vacancy rate increase or decrease from last census (percentage point) | Number (housing unit) | Home vacancy rate <br> (\%) | Home vacancy rate increase or decrease from last census (percentage point) | Number <br> (housing unit) | Home vacancy rate <br> (\%) |
| Grand total | 1662140 | 18.5 | 5.4 | -0.8 | 1559604 | 19.3 | 1.7 | 1232128 | 17.6 |
| Northern region | 764567 | 18.0 | 5.0 | -1.6 | 741886 | 19.6 | 2.0 | 564266 | 17.6 |
| New Taipei City | 294942 | 17.6 | 4.5 | -4.4 | 328742 | 22.0 | 4.6 | 221531 | 17.4 |
| Taipei City | 142852 | 15.0 | 5.2 | 1.6 | 122905 | 13.4 | 1.2 | 101102 | 12.2 |
| Taoyuan City | 152268 | 17.5 | 4.3 | -3.5 | 153717 | 21.0 | -2.2 | 132426 | 23.2 |
| Keelung City | 42665 | 24.9 | 8.3 | -0.3 | 40886 | 25.2 | 1.4 | 35443 | 23.8 |
| Hsinchu City | 35935 | 19.8 | 5.9 | -0.9 | 32249 | 20.7 | 0.7 | 25528 | 20.0 |
| Yilan County | 53391 | 28.3 | 8.1 | 5.5 | 36497 | 22.8 | 0.9 | 30750 | 21.9 |
| Hsinchu County | 42514 | 20.3 | 5.7 | 3.5 | 26890 | 16.8 | 2.0 | 17486 | 14.8 |
| Central region | 403159 | 19.3 | 5.8 | -0.3 | 365291 | 19.6 | 0.7 | 310504 | 18.9 |
| Taichung City | 196193 | 18.3 | 4.5 | -2.8 | 198842 | 21.1 | 0.2 | 168901 | 20.9 |
| Miaoli County | 37094 | 19.5 | 6.1 | 3.3 | 26668 | 16.2 | 0.6 | 22449 | 15.6 |
| Changhua County | 81379 | 19.4 | 6.6 | 1.1 | 70445 | 18.3 | 1.1 | 61701 | 17.2 |
| Nantou County | 36756 | 21.2 | 6.8 | 3.2 | 28774 | 18.0 | 1.9 | 23645 | 16.1 |
| Yunlin County | 51737 | 22.7 | 9.5 | 3.7 | 40562 | 19.0 | 0.8 | 33808 | 18.2 |
| Southern region | 430590 | 17.7 | 5.4 | -0.6 | 406109 | 18.3 | 2.1 | 316315 | 16.2 |
| Tainan City | 117583 | 16.5 | 4.5 | -3.1 | 126029 | 19.6 | 3.4 | 91699 | 16.2 |
| Kaohsiung City | 189785 | 17.1 | 5.1 | -0.5 | 175548 | 17.6 | 1.7 | 137793 | 15.9 |
| Chiayi City | 21850 | 20.5 | 5.7 | 0.8 | 19984 | 19.7 | -0.7 | 18384 | 20.4 |
| Chiayi County | 41793 | 22.9 | 8.9 | 2.5 | 35151 | 20.4 | 5.1 | 23251 | 15.3 |
| Pingtung County | 52142 | 17.8 | 6.0 | 1.8 | 43049 | 16.0 | 0.0 | 39899 | 16.0 |
| Penghu County | 7437 | 24.0 | 10.6 | 1.9 | 6348 | 22.1 | 1.5 | 5289 | 20.6 |
| Eastern region | 55889 | 27.2 | 9.5 | 5.5 | 42289 | 21.7 | 0.7 | 37713 | 21.0 |
| Taitung County | 21074 | 26.9 | 8.8 | 7.6 | 14262 | 19.3 | 0.6 | 12757 | 18.7 |
| Hualien County | 34815 | 27.3 | 9.9 | 4.0 | 28027 | 23.3 | 0.8 | 24956 | 22.5 |
| Kinma region | 7935 | 30.0 | 11.0 | 7.1 | 4029 | 22.9 | 1.2 | 3330 | 21.7 |
| Kinmen County | 7250 | 31.0 | 11.1 | 7.0 | 3690 | 24.0 | 3.2 | 2758 | 20.8 |
| Lienchiang County | 685 | 22.5 | 10.1 | 7.6 | 339 | 14.9 | -12.7 | 572 | 27.6 |

Note : 1. Home vacancy rate $=$ (number of vacant housing units / number of housing units ) $\times 100 \%$.
2. The "owner occupied sometimes" was added to housing usage in 2020 Census. Both "owner occupied sometimes" and "not in use now" were classified in the "vacant housing unit".

## 18. Living status

(1)The average number of persons per housing unit kept diminishing to 3.3 persons.
The occupied housing units totaled 6,896 thousand units in 2020, of which the resident population accounted for 22,491 thousand persons. The average number of persons per housing unit was 3.3 persons. Observing by historical censuses, the average number of persons per housing unit decreased from 5.6 persons in 1980 to 3.6 persons in 2010. It kept diminishing by 0.3 persons in 2020.

Diagram 18-1 Number of persons per housing unit in historical censuses


Observing by number of persons per housing unit, a housing unit with 2 persons accounted most for 1,702 thousand units or $24.7 \%$, followed by with 1 person 1,516 thousand units or $22.0 \%$, 3 persons 1,462 thousand units or $21.2 \%$, 4,5 persons and more $17.4 \%$ and $14.8 \%$ respectively. Comparing with 2010 , the housing units with 1 person and 2 persons increased by over 510 thousand units, each increased by 5.7 percentage points and 5.4 percentage points respectively, the housing units with 3 persons also increased by 1.7 percentage points, 4 persons increased by 26 thousand units but decreased by 1.7 percentage points, 5 persons and more decreased by 11.1 percentage points. Observing by historical censuses, a housing unit with 1 to 3 persons was increasing and with 5 persons and more was decreasing notably.

Table 18-1 Number of housing units by number of persons per housing unit in historical censuses

| Unit : 10 thousand unit |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: |
|  | Grand <br> total | 1 <br> person | 2 <br> persons | 3 <br> persons | 4 <br> persons | 5 <br> persons <br> and <br> more |
| 1980 | 317.2 | 22.2 | 21.5 | 28.9 | 45.1 | 199.4 |
| 1990 | 424.7 | 47.9 | 51.1 | 61.5 | 93.8 | 170.3 |
| 2000 | 551.0 | 87.4 | 83.0 | 93.8 | 114.9 | 171.9 |
| 2010 | 614.1 | 99.8 | 118.3 | 119.7 | 117.2 | 159.1 |
| 2020 | 689.6 | 151.6 | 170.2 | 146.2 | 119.8 | 101.8 |

Observing by regional distribution, the average number of persons per housing unit was only 2.9 persons in Keelung City, 4.1 persons in Kinmen County, 3.7 persons in Hsinchu County and 3.6 persons in Changhua County. A total of 27 townships, cities and districts reported the average number of persons per housing unit was more than 4 persons, of which Yunlin County Mailiao Township reported most at 4.8 persons. A total of 81 townships, cities and districts reported it was under 3 persons, of which Kinmen County Wuqiu Township reported only 1.6 persons. The remaining 260 townships, cities and districts reported between 3 and 4 persons.

Diagram 18-2 Number of persons per housing unit in historical censuses


Diagram 18-3 2020 Average number of persons per housing unit by township, city and district


Table 18-2 Number of persons of the occupied housing units

|  | Grand total |  | $\begin{gathered} 1 \\ \text { person } \end{gathered}$ | $\begin{gathered} 2 \\ \text { persons } \end{gathered}$ | $\begin{gathered} 3 \\ \text { persons } \end{gathered}$ | $\begin{gathered} 4 \\ \text { persons } \end{gathered}$ | 5 <br> persons and more | Average number of persons per housing unit (person/unit) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (housing unit) | Percentage |  |  |  |  |  |  |
| Number (housing unit) | 5509974 | 100.0 | 874295 | 829869 | 937617 | 1148756 | 1719437 | 3.9 |
| Percentage |  |  | 15.9 | 15.1 | 17.0 | 20.8 | 31.2 |  |
| Number (housing unit) | 6141013 | 100.0 | 998041 | 1182874 | 1197379 | 1172088 | 1590631 | 3.6 |
| Percentage |  |  | 16.3 | 19.3 | 19.5 | 19.1 | 25.9 |  |
| Number (housing unit) | 6895887 |  | 1515735 | 1701899 | 1462215 | 1198445 | 1017593 | 3.3 |
| Percentage |  | 100.0 | 22.0 | 24.7 | 21.2 | 17.4 | 14.8 |  |
| Northern region | 3286564 | 100.0 | 22.2 | 23.9 | 21.6 | 18.5 | 13.8 | 3.3 |
| New Taipei City | 1303213 | 100.0 | 22.5 | 23.8 | 22.0 | 19.0 | 12.7 | 3.3 |
| Taipei City | 754585 | 100.0 | 23.6 | 24.3 | 21.2 | 17.4 | 13.6 | 3.3 |
| Taoyuan City | 685312 | 100.0 | 19.5 | 23.2 | 21.6 | 19.6 | 16.2 | 3.3 |
| Keelung City | 124236 | 100.0 | 27.3 | 27.1 | 21.7 | 15.0 | 8.9 | 2.9 |
| Hsinchu City | 137935 | 100.0 | 22.3 | 22.9 | 21.5 | 19.3 | 14.0 | 3.3 |
| Yilan County | 122779 | 100.0 | 23.2 | 26.6 | 20.0 | 15.0 | 15.1 | 3.3 |
| Hsinchu County | 158504 | 100.0 | 20.0 | 21.7 | 21.1 | 20.2 | 16.9 | 3.7 |
| Central region | 1568281 | 100.0 | 20.5 | 24.2 | 20.7 | 17.0 | 17.5 | 3.5 |
| Taichung City | 813500 | 100.0 | 20.0 | 23.2 | 21.8 | 18.2 | 16.8 | 3.5 |
| Miaoli County | 145723 | 100.0 | 20.5 | 25.2 | 20.2 | 16.5 | 17.7 | 3.4 |
| Changhua County | 313698 | 100.0 | 18.6 | 24.2 | 20.0 | 16.9 | 20.3 | 3.6 |
| Nantou County | 130056 | 100.0 | 24.6 | 27.6 | 18.5 | 14.0 | 15.2 | 3.2 |
| Yunlin County | 165304 | 100.0 | 23.6 | 26.2 | 19.0 | 14.2 | 17.1 | 3.3 |
| Southern region | 1884688 | 100.0 | 22.2 | 26.2 | 21.3 | 16.1 | 14.3 | 3.1 |
| Tainan City | 561453 | 100.0 | 21.3 | 24.9 | 21.4 | 17.4 | 15.0 | 3.1 |
| Kaohsiung City | 866006 | 100.0 | 22.1 | 26.1 | 22.0 | 16.4 | 13.4 | 3.0 |
| Chiayi City | 77911 | 100.0 | 23.7 | 29.4 | 20.2 | 14.0 | 12.7 | 3.2 |
| Chiayi County | 131034 | 100.0 | 24.3 | 28.3 | 19.3 | 13.2 | 14.8 | 3.3 |
| Pingtung County | 226329 | 100.0 | 22.8 | 26.8 | 20.1 | 14.2 | 16.1 | 3.1 |
| Penghu County | 21955 | 100.0 | 25.1 | 29.4 | 18.8 | 13.3 | 13.5 | 3.2 |
| Eastern region | 139230 | 100.0 | 30.0 | 28.6 | 18.1 | 11.9 | 11.5 | 3.2 |
| Taitung County | 54099 | 100.0 | 31.3 | 28.7 | 18.0 | 10.6 | 11.5 | 3.2 |
| Hualien County | 85131 | 100.0 | 29.2 | 28.5 | 18.2 | 12.7 | 11.4 | 3.2 |
| Kinma region | 17124 | 100.0 | 21.4 | 24.9 | 17.9 | 15.1 | 20.8 | 3.9 |
| Kinmen County | 14928 | 100.0 | 20.6 | 24.5 | 18.3 | 15.1 | 21.4 | 4.1 |
| Lienchiang County | 2196 | 100.0 | 26.4 | 27.3 | 14.8 | 14.9 | 16.6 | 3.0 |

## (2)The average floor area per person slightly increased to 37.8 square meters.

The average floor area per person was 37.8 square meters (about 11.4 pin ) in 2020, increased by 4.6 square meters or $13.9 \%$ from 2010 due to a decrease of the number of persons per housing unit. The median floor area per person was 28.3 square meters (about 8.6 pin), increased by 2.9 square meters or $11.4 \%$ from 25.4 square meters. The increment was slightly lower than the average. Observing by historical censuses, the average floor area per person was only 15.3 square meters in 1980 and kept increasing fast through the years till 2000, while the increment was getting steady after a moderate

Diagram 18-4 Average and median floor area per person in historical censuses
 growth of the housing units.

Observing by regional distribution, New Taipei City and Taipei City had a smaller average floor area per person 29.1 square meters and 29.3 square meters respectively due to higher living cost and population density. Taipei City Nangang District, Wanhua District and Neihu District, New Taipei City Luzhou District, Tucheng District, Sanchong District, Wugu District and Xinzhuang District all reported a smaller average floor area per person under 27 square meters, while Nantou County and Miaoli County reported a larger average floor area per person at 47.9 square meters and 47.2 square meters respectively.


Table 18-3 Total floor area of the occupied housing units

|  | Grand total |  | Under 60 square meters | 60 - under <br> 120 square meters | 120 - under <br> 180 square meters | 180 square meters and more | Average floor area per person (square meter/ person) | Median floor area per person (square meter/ person) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (housing unit) | Percentage |  |  |  |  |  |  |
| $2000\left\{\begin{array}{l}\text { Number (housing unit) } \\ \text { Percentage }\end{array}\right.$ | 5509974 | 100.0 | 618666 | 2702867 | 1319701 | 868740 | 31.7 | 24.4 |
|  |  |  | 11.2 | 49.1 | 24.0 | 15.8 |  |  |
| 2010 \{ ${ }^{\text {Number (housing unit) }}$ | 6141013 | 100.0 | 749366 | 2924810 | 1504832 | 962005 | 33.2 | 25.4 |
|  |  |  | 12.2 | 47.6 | 24.5 | 15.7 |  |  |
| $2010\left\{\begin{array}{l}\text { Number (housing unit) } \\ \text { Percentage }\end{array}\right.$ | 6895887 |  | 707713 | 3292945 | 1758339 | 1136890 | 37.8 | 28.3 |
|  |  | 100.0 | 10.3 | 47.8 | 25.5 | 16.5 |  |  |
| Northern region | 3286564 | 100.0 | 12.6 | 58.2 | 18.8 | 10.4 | 33.0 | 24.8 |
| New Taipei City | 1303213 | 100.0 | 14.4 | 66.5 | 14.7 | 4.5 | 29.1 | 22.4 |
| Taipei City | 754585 | 100.0 | 16.3 | 63.4 | 15.5 | 4.8 | 29.3 | 22.3 |
| Taoyuan City | 685312 | 100.0 | 8.3 | 48.7 | 23.2 | 19.8 | 38.8 | 30.0 |
| Keelung City | 124236 | 100.0 | 13.4 | 67.2 | 14.6 | 4.8 | 33.6 | 25.2 |
| Hsinchu City | 137935 | 100.0 | 8.0 | 44.6 | 27.7 | 19.8 | 39.3 | 30.6 |
| Yilan County | 122779 | 100.0 | 7.0 | 30.2 | 36.3 | 26.5 | 45.0 | 34.0 |
| Hsinchu County | 158504 | 100.0 | 7.2 | 31.7 | 31.3 | 29.8 | 40.7 | 31.1 |
| Central region | 1568281 | 100.0 | 7.4 | 34.5 | 32.5 | 25.7 | 41.8 | 31.7 |
| Taichung City | 813500 | 100.0 | 8.0 | 40.8 | 29.7 | 21.6 | 38.7 | 29.6 |
| Miaoli County | 145723 | 100.0 | 6.2 | 26.3 | 33.2 | 34.3 | 47.2 | 35.7 |
| Changhua County | 313698 | 100.0 | 6.7 | 28.4 | 36.7 | 28.2 | 42.8 | 33.0 |
| Nantou County | 130056 | 100.0 | 6.9 | 29.3 | 33.5 | 30.3 | 47.9 | 35.7 |
| Yunlin County | 165304 | 100.0 | 7.2 | 26.5 | 36.5 | 29.9 | 46.2 | 34.7 |
| Southern region | 1884688 | 100.0 | 8.1 | 41.5 | 31.3 | 19.1 | 43.1 | 33.2 |
| Tainan City | 561453 | 100.0 | 7.6 | 32.4 | 37.4 | 22.6 | 45.7 | 36.0 |
| Kaohsiung City | 866006 | 100.0 | 8.5 | 51.7 | 25.8 | 14.0 | 40.2 | 30.9 |
| Chiayi City | 77911 | 100.0 | 8.8 | 39.6 | 30.4 | 21.2 | 42.6 | 32.9 |
| Chiayi County | 131034 | 100.0 | 7.8 | 29.5 | 37.3 | 25.5 | 45.1 | 33.6 |
| Pingtung County | 226329 | 100.0 | 7.5 | 33.1 | 33.9 | 25.5 | 46.5 | 34.9 |
| Penghu County | 21955 | 100.0 | 8.7 | 35.7 | 30.6 | 25.0 | 44.4 | 34.1 |
| Eastern region | 139230 | 100.0 | 17.1 | 38.8 | 26.9 | 17.3 | 38.0 | 26.0 |
| Taitung County | 54099 | 100.0 | 16.4 | 33.5 | 30.7 | 19.5 | 39.3 | 26.6 |
| Hualien County | 85131 | 100.0 | 17.5 | 42.1 | 24.5 | 15.8 | 37.2 | 25.7 |
| Kinma region | 17124 | 100.0 | 8.3 | 27.9 | 26.5 | 37.3 | 40.3 | 29.4 |
| Kinmen County | 14928 | 100.0 | 6.9 | 25.3 | 26.4 | 41.5 | 40.7 | 29.6 |
| Lienchiang County | 2196 | 100.0 | 17.8 | 45.6 | 27.2 | 9.4 | 36.9 | 28.0 |

(3)The households with all elder population living in a housing unit built over 30 years totaled $\mathbf{6 2 4}$ thousand households.

The households with population aged 65 years and over totaled 2,827 thousand households in 2020, of which oneelderly households accounted for 569 thousand households or $20.1 \%$, all-elderly households accounted for 357 thousand households or $12.6 \%$, part-elderly households accounted for 1,901 thousand households or $67.2 \%$. Comparing with 2010, because of aging, one-elderly households increased by 204 thousand households or $55.8 \%$, all-elderly households increased by 138 thousand

Diagram 18-7 2020 Living status of the elderly households
 households or $62.7 \%$, part-elderly households also increased by 544 thousand households or 40.1\%.

The households composed of all the elder population (including living alone) totaled 926 thousand households, of which 624 thousand households or $67.4 \%$ living in a housing unit built over 30 years, including one-elderly households 380 thousand households (165 thousand households for 75 years and over), all-elderly households 244 thousand households (68 thousand households for all 75 years and over).

Table 18-4 Living status of the elderly households by housing age


Note : 1. "all-elderly household" refers to a household composed of 2 and more persons who are all 65 years and over.
2. "part-elderly household" refers to a household composed of 2 and more persons including both 65 years and over and under 65 years.

Table 18-5 Living status of the elderly households

|  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Note: 1. This table only includes the ordinary households in the housing units.
2. "all-elderly household" refers to a household composed of 2 and more persons who are all 65 years and over.
3. "part-elderly household" refers to a household composed of 2 and more persons including both 65 years and over and under 65 years.

## 19. Home ownership

(1)The home ownership rate was $78.6 \%$, the home rental rate remained flat.

Observing by home ownership status, a total of 6,294 thousand households of the ordinary households had self-owned houses (including owned by family members living together) and the home ownership rate stood at $78.6 \%$, slightly lower than $79.2 \%$ in 2010 by 0.6 percentage points. The housing units owned by family members not living together (spouse, parents or children) accounted for 480 thousand households or $6.0 \%$, increased by 1.2 percentage points. The rental housing units accounted for 876 thousand households or $10.9 \%$, remained flat from 2010. The allotted or borrowed housing units accounted for 358 thousand households or only $4.5 \%$.

Table 19-1 Home ownership in 2 censuses

|  | 2020 |  | 2010 |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | Household <br> $(10$ <br> thousand <br> household) | Percentage <br> $(\%)$ | Household <br> $(10$ <br> thousand <br> household) | Percentage <br> $(\%)$ |
| Grand total | $\mathbf{8 0 0 . 8}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{7 3 9 . 5}$ | $\mathbf{1 0 0 . 0}$ |
| $\quad$ Self-owned | 629.4 | 78.6 | 585.6 | 79.2 |
| Family members not | 48.0 | 6.0 | 35.4 | 4.8 |
| $\quad$ living together |  |  |  |  |
| Rented | 87.6 | 10.9 | 80.8 | 10.9 |
| Allotted | 3.9 | 0.5 | 5.0 | 0.7 |
| Others(e.g. borrowed) | 31.9 | 4.0 | 32.7 | 4.4 |

Note : 1."Self-owned" refers to the house is owned by any one of the usually living members of the household.
2. "Family members not living together" refers to the spouse, parents or children not living together with the householder

Observing by regional distribution, the home ownership rate of the ordinary households was higher in the central and southern region, it was lower in the northern region because of work or study. The home rental rate was vice versa. Observing by geographic distribution, Changhua County had the highest home ownership rate $86.9 \%$, followed by Yilan County $84.9 \%$, Lienchiang County and Taipei City stood lower at $69.8 \%$ and $72.1 \%$ respectively. Lienchiang County reported the highest rental rate at $19.3 \%$, followed by Taipei City, New Taipei City, Hsinchu City and Taichung City about $14.0 \%$.

Comparing with 2010, the number of the households decreased for both the owner-occupied and rental houses in Taipei City due to higher living cost. The home rental rate decreased by 4.3 percentage points, while the home ownership rate increased by 0.7 percentage points. The number of the households increased for both the owneroccupied and rental houses in New Taipei City and Taoyuan City due to a good transport system and population spillover effect of Taipei City. The home rental rate increased by 1.8 percentage points and 1.5 percentage points respectively, while the home ownership rate showed a decrease. Hsinchu City reported an increase of the households for both the owner-occupied and rental houses. The home rental rate increased by 3.1 percentage points, while the home ownership rate decreased by 2.5 percentage points.

The home rental rate was relatively higher in the following townships, cities and districts, Taipei City Wanhua District and Zhongshan District, New Taipei City Linkou District, Taoyuan City Guishan District, Hsinchu City East District, Taichung City Central District and North District, Yunlin County Mailiao Township, mainly related to economic activities brought by commercial areas, industrial parks and industrial areas nearby.

Diagram 19-1 2020 Home ownership rate


Diagram 19-2 2020 Home rental rate


Table 19-2 Changing in home ownership rate and rental rate of ordinary households

(2)The ordinary households having other house increased by 1.7 percentage points.

A total of 1,463 thousand households or 18.3\% of the ordinary households whose present living house was self-owned and had other house (the second house), increased by 1.7 percentage points from 2010. A total of 1,459 thousand households or $18.2 \%$ of the ordinary households whose present living house was not self-owned and not have any other house, increased by 0.5 percentage points from 2010. Observing the ownership of the second house by geographic distribution, Lienchiang County, Kinmen County and Taipei City reported a higher rate at $37.9 \%$, $29.9 \%$ and $23.0 \%$ respectively. New Taipei City, Taipei City and Taichung City reported over 20\%

Table 19-3 Home ownership of ordinary households

|  | 2020 |  | 2010 |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Household <br> (10 thousand <br> household) | Percentage <br> $(\%)$ | Household <br> (10 thousand <br> household) | Percentage <br> $(\%)$ |
| Grand total | 800.8 | 100.0 | 739.5 | 100.0 |
| Present house self-owned | 629.4 | 78.6 | 585.6 | 79.2 |
| Having other house | 146.3 | 18.3 | 123.1 | 16.6 |
| No having other house | 483.2 | 60.3 | 462.5 | 62.5 |
| Present house not self- | 171.4 | 21.4 | 153.9 | 20.8 |
| owned |  |  |  |  |
| $\quad$ Having other house | 25.5 | 3.2 | 23.3 | 3.2 |
| No having other house | 145.9 | 18.2 | 130.6 | 17.7 | had no self-owned house.

(3)The one-person rental households increased by 50\%.

The rental households totaled 876 thousand households in 2020 and increased by 68 thousand households or 8.4\% from 808 thousand households in 2010. Observing by number of persons in a household, the one-person households accounted most for 381 thousand households or $43.6 \%, 184$ thousand households or $21.1 \%$ with 2 persons, about two thirds in total. Comparing with 2010, the one-person households increased by 127 thousand households, 49.9\% or 12.1 percentage points.

Observing by total floor area, a total of 445 thousand households or $50.8 \%$ of the rental households rented a housing unit with 60 to under 120 square meters, increased by 19 thousand households or $4.4 \%$. A total of 236 thousand households or $27.0 \%$ rented a housing unit under 60 square meters, increased notably by 124 thousand households, 1.1 -fold or 13.1 percentage points.

Diagram 19-3 Changing in the number of persons of the rental households in 2 censuses


Diagram 19-4 Changing in total floor area of the rental housing units in $\mathbf{2}$ censuses


A total of 184 thousand households or $21.0 \%$ of the rental households whose householder was under 35 years, 575 thousand households or $65.7 \%$ the householder was between 35 to 64 years, 116 thousand households or $13.3 \%$ the householder was over 65 years. A total of 111 thousand households and 48 thousand households of the one-person households whose householder was under 35 years and 65 years and over respectively. The relative households whose householder was between 35 to 64 years totaled 343 thousand households.

Table 19-4 2020 Type of rental households and householder age

|  | Unit : 10 thousand household |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | :---: |
|  | Grand <br> total | Under <br> 35 years | 35 to <br> 64 years | 65 years <br> and over |  |  |
| Grand | Number | $\mathbf{8 7 . 6}$ | $\mathbf{1 8 . 4}$ | $\mathbf{5 7 . 5}$ | $\mathbf{1 1 . 6}$ |  |
| total | Yercentage (\%) | $\mathbf{1 0 0 . 0}$ | $\mathbf{2 1 . 0}$ | $\mathbf{6 5 . 7}$ | $\mathbf{1 3 . 3}$ |  |
| One-person household | 38.1 | 11.1 | 22.2 | 4.8 |  |  |
| Relative household | 46.5 | 5.5 | 34.3 | 6.6 |  |  |
| Non-relative household | 3.0 | 1.7 | 1.0 | 0.2 |  |  |

Table 19-5 Home ownership of ordinary households

| Unit : \% |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grand total |  | Present living house was self-owned |  |  | Present living house was not self-owned |  |  |
|  | Number (household) | Percentage | Total | Having other <br> house | No having other house | Total | Having other house | No having other house |
| Number (household) | 7395231 |  | 5856296 | 1231112 | 4625184 | 1538935 | 233357 | 1305578 |
| Percentage |  | 100.0 | 79.2 | 16.6 | 62.5 | 20.8 | 3.2 | 17.7 |
| Number (household) | 8007809 |  | 6294206 | 1462681 | 4831525 | 1713603 | 254555 | 1459048 |
| 2020 \{ <br> Percentage |  | 100.0 | 78.6 | 18.3 | 60.3 | 21.4 | 3.2 | 18.2 |
| Northern region | 3860258 | 100.0 | 76.9 | 19.6 |  |  |  |  |
| New Taipei City | 1524598 | 100.0 | 76.2 | 18.7 | 57.5 | 23.8 | 3.1 | 20.7 |
| Taipei City | 933940 | 100.0 | 72.1 | 23.0 | 49.0 | 27.9 | 5.1 | 22.9 |
| Taoyuan City | 759945 | 100.0 | 79.6 | 18.1 | 61.5 | 20.4 | 2.9 | 17.5 |
| Keelung City | 139727 | 100.0 | 84.6 | 17.7 | 66.9 | 15.4 | 1.9 | 13.4 |
| Hsinchu City | 166839 | 100.0 | 76.2 | 19.4 | 56.9 | 23.8 | 4.0 | 19.7 |
| Yilan County | 141118 | 100.0 | 84.9 | 19.1 | 65.8 | 15.1 | 2.8 | 12.2 |
| Hsinchu County | 194091 | 100.0 | 84.6 | 18.3 | 66.3 | 15.4 | 2.9 | 12.5 |
| Central region | 1847866 | 100.0 | 80.6 | 17.2 | 63.4 | 19.4 | 2.9 | 16.6 |
| Taichung City | 974222 | 100.0 | 76.8 | 16.7 | 60.2 | 23.2 | 3.1 | 20.0 |
| Miaoli County | 166443 | 100.0 | 83.9 | 15.9 | 68.0 | 16.1 | 2.2 | 13.8 |
| Changhua County | 354633 | 100.0 | 86.9 | 19.6 | 67.3 | 13.1 | 2.2 | 10.9 |
| Nantou County | 152310 | 100.0 | 81.1 | 17.8 | 63.3 | 18.9 | 3.7 | 15.2 |
| Yunlin County | 200258 | 100.0 | 84.3 | 16.1 | 68.3 | 15.7 | 2.5 | 13.2 |
| Southern region | 2099083 | 100.0 | 79.9 | 16.9 | 63.1 | 20.1 | 2.8 | 17.2 |
| Tainan City | 616599 | 100.0 | 80.0 | 16.4 | 63.5 | 20.0 | 2.7 | 17.3 |
| Kaohsiung City | 950703 | 100.0 | 79.0 | 17.3 | 61.7 | 21.0 | 3.0 | 18.0 |
| Chiayi City | 92936 | 100.0 | 78.8 | 18.4 | 60.4 | 21.2 | 3.2 | 17.9 |
| Chiayi County | 159618 | 100.0 | 82.8 | 16.8 | 66.0 | 17.2 | 2.6 | 14.6 |
| Pingtung County | 252245 | 100.0 | 82.0 | 15.7 | 66.3 | 18.0 | 2.5 | 15.5 |
| Penghu County | 26982 | 100.0 | 79.6 | 17.1 | 62.5 | 20.4 | 3.9 | 16.5 |
| Eastern region | 178296 | 100.0 | 78.9 | 15.1 | 63.8 | 21.1 | 2.9 | 18.2 |
| Taitung County | 70568 | 100.0 | 79.8 | 14.5 | 65.3 | 20.2 | 3.0 | 17.2 |
| Hualien County | 107728 | 100.0 | 78.3 | 15.5 | 62.8 | 21.7 | 2.9 | 18.8 |
| Kinma region | 22306 | 100.0 | 78.1 | 30.7 | 47.4 | 21.9 | 6.5 | 15.3 |
| Kinmen County | 20037 | 100.0 | 79.1 | 29.9 | 49.2 | 20.9 | 5.8 | 15.1 |
| Lienchiang County | $2269 \quad 100.0$ |  | 69.8 | 37.9 | 31.9 | 30.2 | 12.7 | 17.5 |

[^7]
## 20. Internet use at home

The rate of internet use at home reached at $91.4 \%$. The cell phone was the primary internet device.

Of the ordinary households, internet use at home accounted for 7,342 thousand households or $91.4 \%$ in 2020, 691 thousand households or $8.6 \%$ were unable to use internet. Observing the rate of internet use at home by geographic distribution, Hsinchu City stood at 95.0\%, followed by Taipei City 94.9\%, New Taipei City and Taoyuan City stood the same at $94.6 \%$, Taichung City 94.3\%, Hsinchu County 92.8\%, Kaohsiung City 91.4\%. Chiayi County and Taitung County stood at $79.2 \%$ and $79.3 \%$ respectively, lower than $80 \%$.

Observing the internet use at home, the cell phone accounted for 7,109 thousand households or $88.5 \%$, the computer (including desktop computer and laptop computer) 4,390 thousand households or $54.6 \%$, tablet 1,753 thousand households or $21.8 \%$, smart home appliances 468 thousand households or $5.8 \%$.

Diagram 20-1 2020 Rate of internet use at home for ordinary households


Diagram 20-2 2020 Internet use at home


Table 20-1 2020 Internet use at home for ordinary households

|  | Grand total |  | Use internet at home |  |  |  |  |  |  | No use internet at home |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percentage | Number | Percentage | Internet de | vices (at le | st 1 device | per househ | old) | Number | Percentage |
|  | (10 <br> thousand <br> household) | (\%) | (10 <br> thousand <br> household) | (\%) | Computer (desktop computer and laptop computer) | Tablet | Cell phone | Smart home appliances | Others | (10 <br> thousand household) | (\%) |
|  | 8033191 | 100.0 | 7341908 | 91.4 | 4389501 | 1753130 21.8 | 7109274 88.5 | 468065 5.8 | 7762 0.1 | 691283 | 8.6 |
| Northern region | 3870578 | 100.0 | 3640726 | 94.1 | 60.6 | 25.7 | 90.8 | 7.0 | 0.1 | 229852 | 5.9 |
| New Taipei City | 1526303 | 100.0 | 1443484 | 94.6 | 60.1 | 24.3 | 91.7 | 6.3 | 0.2 | 82819 | 5.4 |
| Taipei City | 935990 | 100.0 | 888138 | 94.9 | 65.0 | 31.1 | 90.8 | 7.6 | 0.1 | 47852 | 5.1 |
| Taoyuan City | 763346 | 100.0 | 721817 | 94.6 | 59.0 | 23.6 | 91.6 | 6.9 | 0.1 | 41529 | 5.4 |
| Keelung City | 139874 | 100.0 | 122900 | 87.9 | 49.1 | 16.7 | 84.8 | 4.4 | 0.1 | 16974 | 12.1 |
| Hsinchu City | 168124 | 100.0 | 159726 | 95.0 | 66.4 | 29.9 | 91.5 | 10.0 | 0.1 | 8398 | 5.0 |
| Yilan County | 141497 | 100.0 | 123251 | 87.1 | 47.7 | 17.7 | 85.0 | 4.3 | 0.1 | 18246 | 12.9 |
| Hsinchu County | 195444 | 100.0 | 181410 | 92.8 | 62.2 | 26.9 | 89.1 | 10.2 | 0.1 | 14034 | 7.2 |
| Central region | 1852028 | 100.0 | 1668526 | 90.1 | 51.9 | 20.0 | 87.6 | 5.2 | 0.1 | 183502 | 9.9 |
| Taichung City | 976599 | 100.0 | 921333 | 94.3 | 58.8 | 24.0 | 91.6 | 6.8 | 0.1 | 55266 | 5.7 |
| Miaoli County | 166735 | 100.0 | 147233 | 88.3 | 48.3 | 18.3 | 85.8 | 5.2 | 0.1 | 19502 | 11.7 |
| Changhua County | 355173 | 100.0 | 312785 | 88.1 | 50.2 | 17.4 | 85.9 | 3.4 | 0.0 | 42388 | 11.9 |
| Nantou County | 152910 | 100.0 | 126508 | 82.7 | 37.8 | 12.8 | 80.9 | 3.3 | 0.1 | 26402 | 17.3 |
| Yunlin County | 200611 | 100.0 | 160667 | 80.1 | 34.9 | 11.7 | 78.0 | 2.4 | 0.1 | 39944 | 19.9 |
| Southern region | 2108109 | 100.0 | 1865682 | 88.5 | 47.6 | 17.1 | 85.8 | 4.4 | 0.1 | 242427 | 11.5 |
| Tainan City | 618413 | 100.0 | 548026 | 88.6 | 51.5 | 18.0 | 85.4 | 4.8 | 0.1 | 70387 | 11.4 |
| Kaohsiung City | 952477 | 100.0 | 870134 | 91.4 | 49.6 | 18.5 | 88.7 | 4.9 | 0.1 | 82343 | 8.6 |
| Chiayi City | 93084 | 100.0 | 81795 | 87.9 | 50.0 | 21.0 | 85.2 | 5.1 | 0.0 | 11289 | 12.1 |
| Chiayi County | 159998 | 100.0 | 126713 | 79.2 | 37.9 | 12.9 | 77.6 | 3.4 | 0.1 | 33285 | 20.8 |
| Pingtung County | 256720 | 100.0 | 216727 | 84.4 | 36.5 | 11.8 | 82.5 | 2.2 | 0.1 | 39993 | 15.6 |
| Penghu County | 27417 | 100.0 | 22287 | 81.3 | 44.5 | 11.2 | 78.6 | 1.6 | 0.0 | 5130 | 18.7 |
| Eastern region | 179971 | 100.0 | 146788 | 81.6 | 37.4 | 12.6 | 78.6 | 4.0 | 0.1 | 33183 | 18.4 |
| Taitung County | 71643 | 100.0 | 56796 | 79.3 | 32.6 | 11.1 | 76.9 | 2.6 | 0.1 | 14847 | 20.7 |
| Hualien County | 108328 | 100.0 | 89992 | 83.1 | 40.7 | 13.6 | 79.8 | 5.0 | 0.1 | 18336 | 16.9 |
| Kinma region | 22505 | 100.0 | 20186 | 89.7 | 53.0 | 25.4 | 87.8 | 9.7 | 0.0 | 2319 | 10.3 |
| Kinmen County | 20216 | 100.0 | 18165 | 89.9 | 54.0 | 26.1 | 87.8 | 10.2 | 0.0 | 2051 | 10.1 |
| Lienchiang County | 2289 | 100.0 | 2021 | 88.3 | 44.9 | 18.9 | 87.0 | 5.4 | 0.0 | 268 | 11.7 |

Note: More than one type of internet devices may be used by per household, thus the detailed items may not add up to the total number or percentage.


[^0]:    Note : 1. For the national resident population not registered at usually living place, their registration place may in the same county or city, other county or city.
    2. For the registered population not usually living at the registered place, their usually living place may in the same county or city, other county or city, abroad.

[^1]:    Note : This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.

[^2]:    Diagram 4-2 Language usage in childhood for the resident nationals aged 6 years and over
    

    Primary or secondary use language was the same as that in childhood (\%)

    - Primary use language was the same as that in childhood (\%)

[^3]:    Note : This table does not include foreign workers in productive industries and social welfare introduced and permitted by the Ministry of Labor.

[^4]:    Note : "Migration population" refers to the population whose living place 5 years ago was not the same as the usually living place.

[^5]:    Note : Group quarters is mainly composed of non-family members sharing common living essentials and headed by one person, including two or more persons living in the convalescent hospital, hospital, dormitory (single, student, etc.), church, temple and hotel, etc.

[^6]:    Note : Foreign spouse, spouse of the Chinese Mainland, Hong Kong and Macau include those naturalized to R.O.C. or hold the resident certificate.

[^7]:    Note : This table only includes ordinary households living in the housing unit.

