Population Dynamics

By: Fathimath Yania

The Population of Maldives - 2022



515,132

TOTAL POPULATION

188,077



194,562



382,639

MALDIVIANS

15,061



117,432

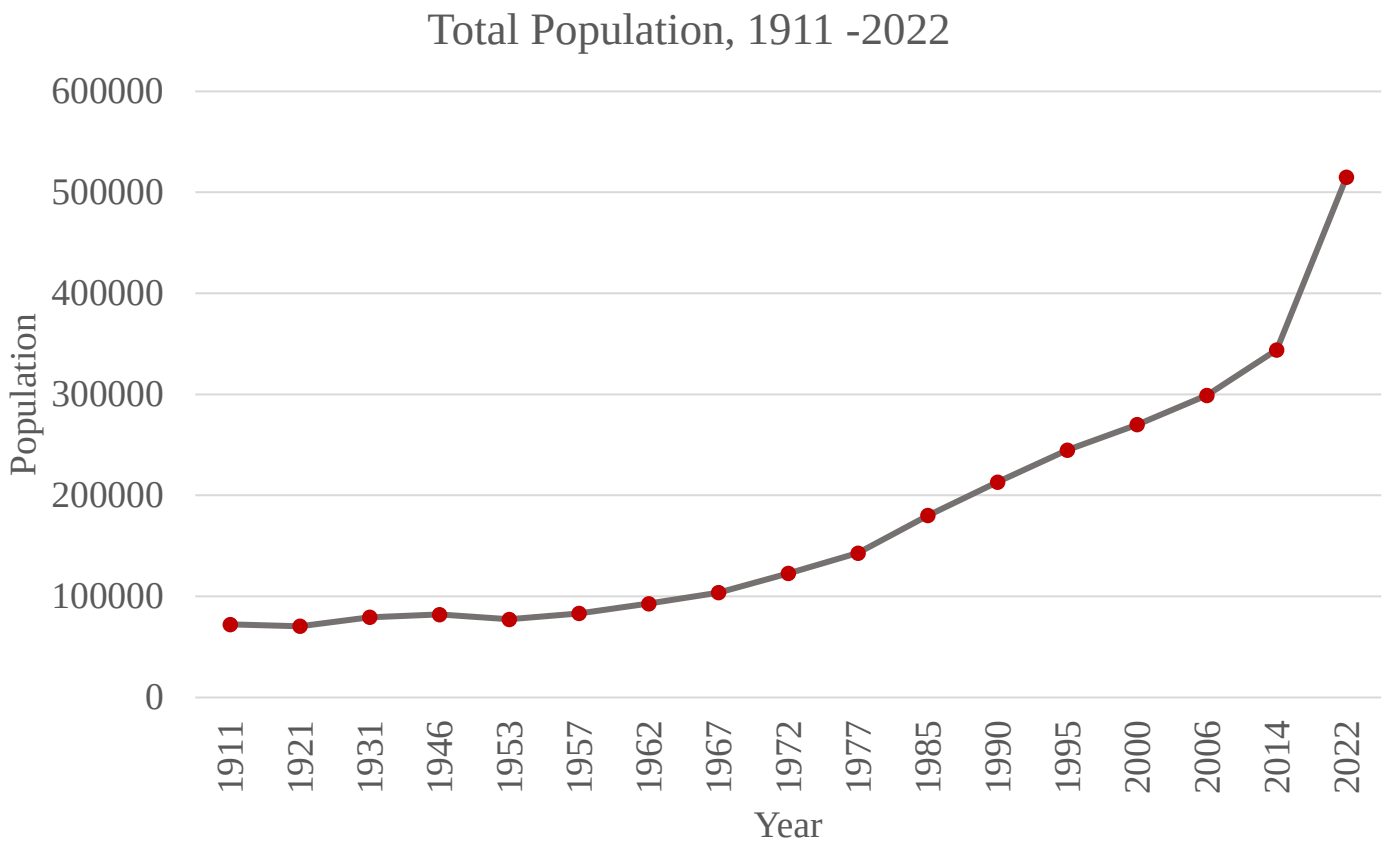


132,493

FOREIGNERS

Population growth of Maldives over the years.

- In 1911, the population of Maldives was 72,237, and over the recent decades, this number has increased significantly.
- Between 2014 and 2022, the total Maldivian population has increased by 107,472 which is a 26% increase from 2014.
- The population growth rate has decreased during the past 20 years, although the population is still growing. The growth rate in the last century peaked between 1985 and 1990 at 3.43 percent, and it has been declining ever since.



Resident Population

- ***Resident Population***- Population who have been living in Maldives for more than one year or intends to live in Maldives for 1 year or more.
- ***Resident Maldivian***- Maldivian who have been living in Maldives for more than one year or intends to live in Maldives for 1 year or more. Maldivians who are permanently living abroad is excluded from here



211,908 (41%)
of the resident population lives in
Maale



13,831 (3%)
of the resident population lives in
Industrial Islands



236,911 (46%)
of the resident population lives in
Admin Islands



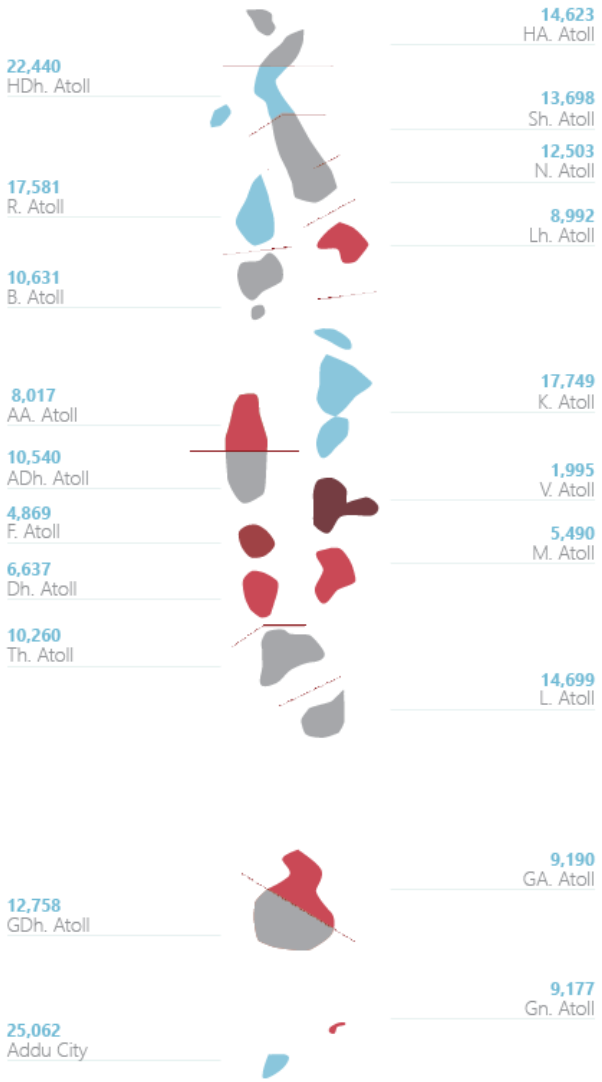
52,482 (10%)
of the resident population lives in
Resorts



Population Distribution

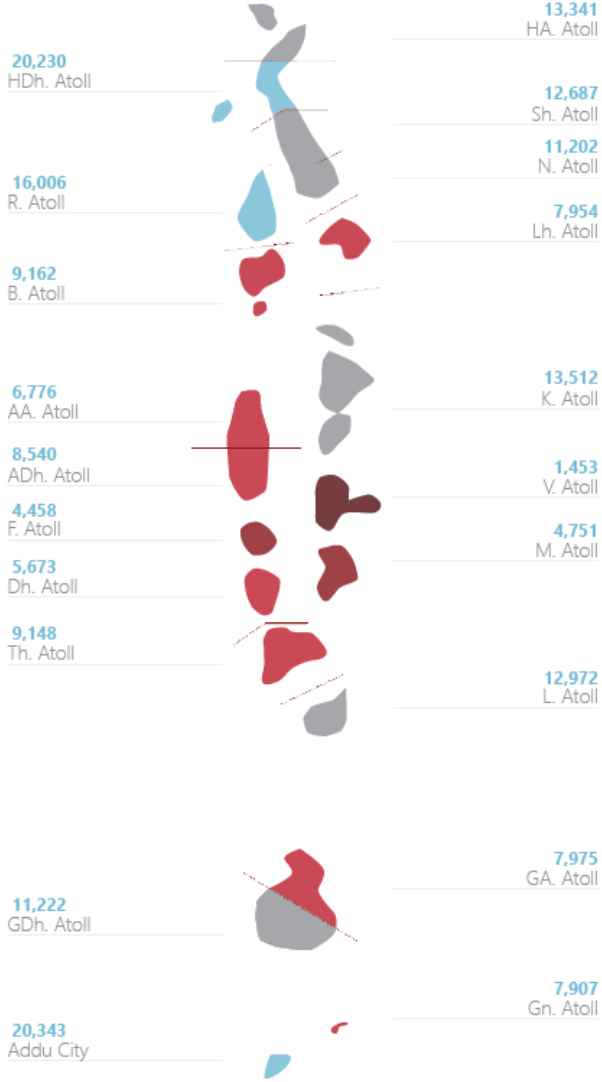
- The Population and Housing Census 2022 enumerated population from 187 inhabited islands, 168 resorts, and 106 industrial islands which is a quite significant change from the previous
- Distribution of population by admin islands and non-admin islands shows that the majority of the population lives in Addu City (S) followed by those living in South Thiladhunmathi (Hdh)

TOTAL RESIDENT POPULATION



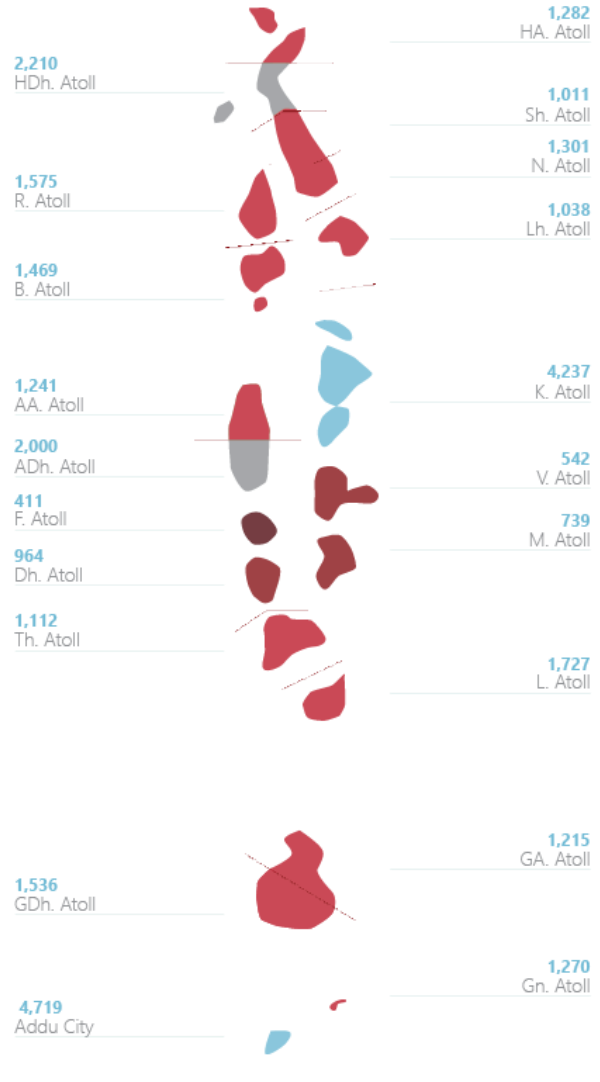
Less than 2000
2000 - 4999
5000 - 9999
10000 - 14999
More than 15000

RESIDENT MALDIVIANS



Less than 2000
2000 - 4999
5000 - 9999
10000 - 14999
More than 15000

RESIDENT FOREIGNERS



Less than 500
500 - 999
1000 - 1999
2000 - 2999
More than 3000

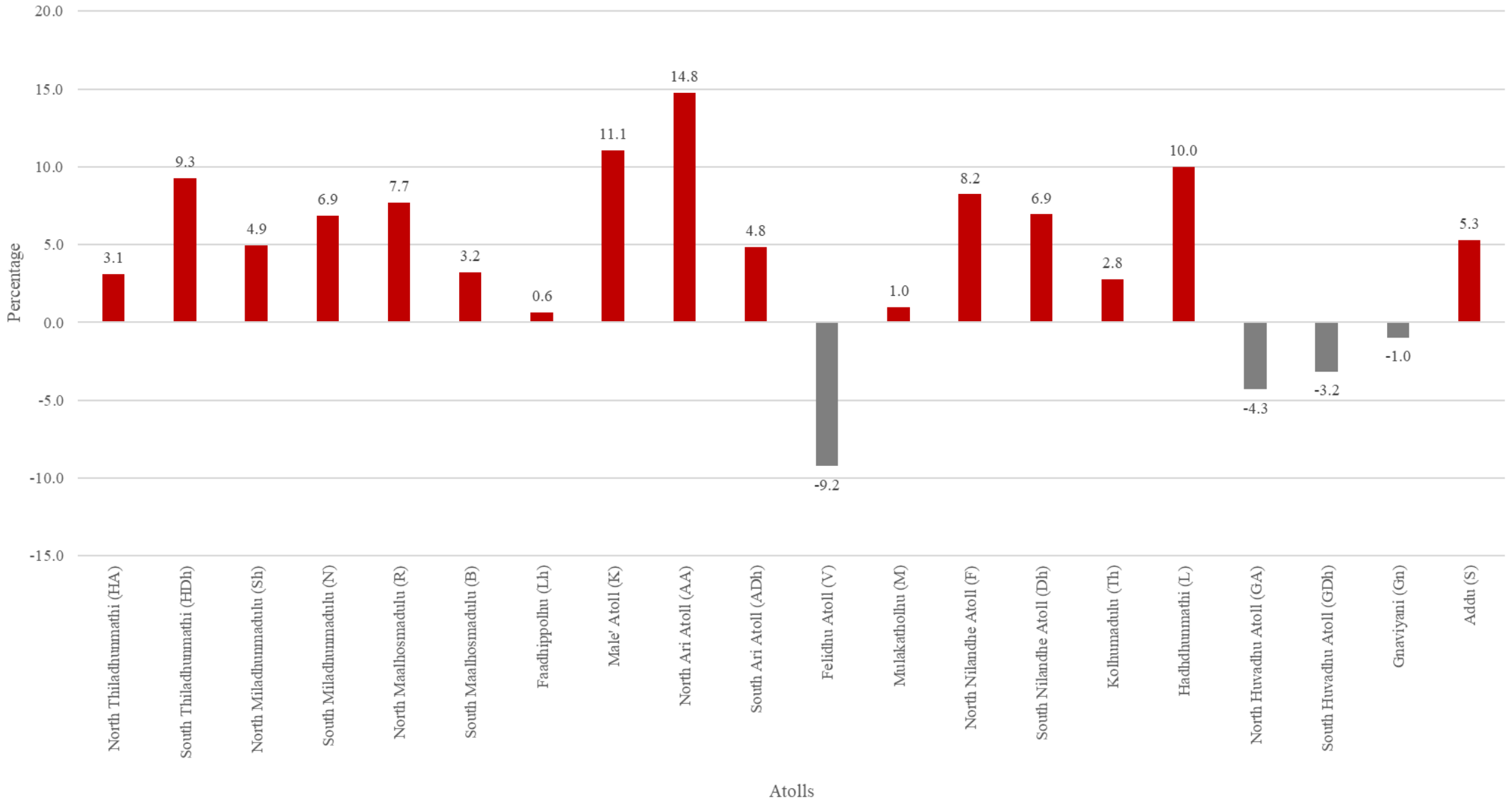
Resident Maldivian Population in Administrative Islands

- The Resident Maldivian population has increased from 213215 in 1990 to 382639 in 2022.
- Nearly 87 percent of the population lives in administrative islands.
- Resident Maldivian population in the Administrative islands increased by 157076 between 1990 and 2022.
- From 1995 onwards, the female population outnumbered the male population in the administrative islands..



Main functional category of enumeration and sex	Census Year					
	1990	1995	2000	2006	2014	2022
Maldivian Population						
Both Sexes	213,215	244,814	270,101	298,968	344,023	382,639
Male	109,336	124,622	137,197	151,459	174,666	194,562
Female	103,879	120,192	132,904	147,509	169,357	188,077
Maldivian Population in Administrative Islands (including Male')						
Both Sexes	208,423	239,212	262,186	288,101	330,468	365499
Male	104,622	119,070	129,407	140,914	161,518	178367
Female	103,801	120,142	132,779	147,187	168,950	187132
Maldivian Population in Resorts and Industrial Islands						
Both Sexes	4,792	5,602	7,915	10,867	13,555	17140
Male	4,714	5,552	7,790	10,545	13,148	16195
Female	78	50	125	322	407	945

Percentage Change in Resident Maldivian Population by Atolls



Growth Rate by Atolls

- The population growth rates were highest in North Ari Atoll (AA) which was 1.7% closely followed by Male" Atoll (K) at 1.3%.

- At the atoll level, South Thiladhunmathi (HDh) saw the largest numerical resident Maldivian population growth, rising from 18,515 in 2014 to 20,230 in 2022. Male' Atoll (K) and Hadhdhunmathi (L), with increases of 1,346 and 1,177, respectively, were the next two atolls

- In contrast to this, the population growth rates of Felidhu Atoll (v) and North Huvadhu Atoll (GA) declined the most, with South Huvadhu Atoll (Gdh) and Gnaviyani Atoll (Gn) following suit.

- Between 2014 and 2022, the Resident Maldivian population of North Huvadhu Atoll (GA) had a negative growth of 359, while South Huvadhu Atoll (GDh) had a negative growth of 365. In terms of numbers, North Huvadhu Atoll (GA) saw the most fall.

Atoll	Resident Maldivian Population		Growth Rate (for Resident Maldivian Population - 2014 to 2022)
	2022	2014	
North Thiladhunmathi (HA)	13,341	12,939	0.4
South Thiladhunmathi (HDh)	20,230	18,515	1.1
North Miladhunmadulu (Sh)	12,687	12,091	0.6
South Miladhunmadulu (N)	11,202	10,483	0.8
North Maalhosmadulu (R)	16,006	14,862	0.9
South Maalhosmadulu (B)	9,162	8,878	0.4
Faadhippolhu (Lh)	7,954	7,905	0.1
Male' Atoll (K)	13,512	12,166	1.3
North Ari Atoll (AA)	6,776	5,905	1.7
South Ari Atoll (ADh)	8,540	8,145	0.6
Felidhu Atoll (V)	1,453	1,601	-1.2
Mulakatholhu (M)	4,751	4,705	0.1
North Nilandhe Atoll (F)	4,458	4,119	1.0
South Nilandhe Atoll (Dh)	5,673	5,305	0.8
Kolhumadulu (Th)	9,148	8,901	0.3
Hadhdhunmathi (L)	12,972	11,795	1.2
North Huvadhu Atoll (GA)	7,975	8,334	-0.6
South Huvadhu Atoll (GDh)	11,222	11,587	-0.4
Gnaviyani (Gn)	7,907	7,984	-0.1
Addu (S)	20,343	19,319	0.6

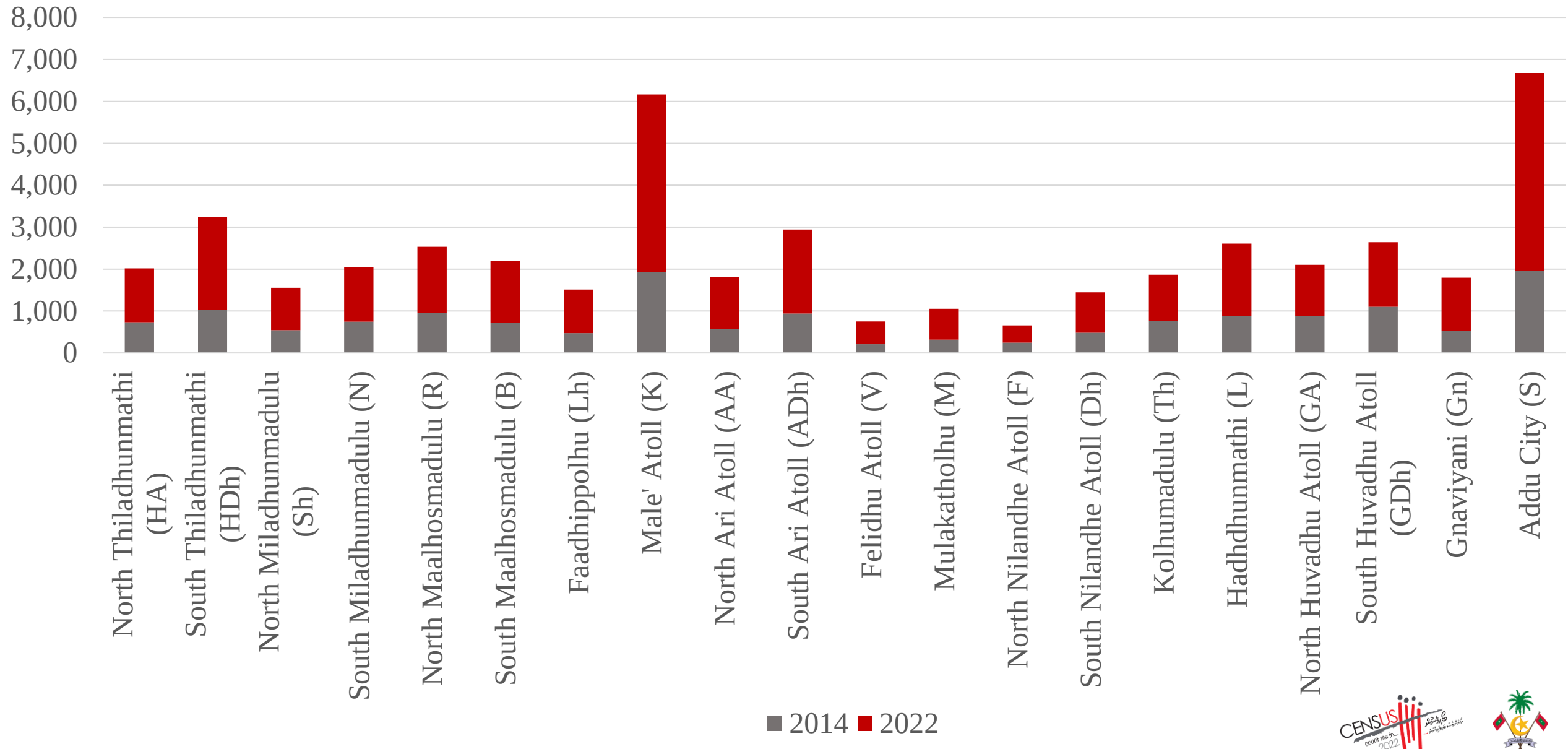
Resident Foreign Population

- ***Resident Foreigners***-Foreigners who have living in Maldives for more than one year or intends to live in Maldives for 1 year or more. Foreigners such as tourists, short term stay is excluded from this count.
- The highest numerical increase can be seen in Addu City (S) closely followed by Male Atoll (K). The lowest numerical increase was recorded in North Huvadhu Atoll (GA).
- For the Republic, the percentage of the foreign population stands at approximately 26%, meaning that almost 1 in 4 people are foreigners.
- In Atolls, the percentage of foreigners is the highest in the central atolls, Male Atoll (‘K) and Felidhu Atoll (V).
- It can also be seen that the atolls have the major cities (Male Atoll, North Thiladhunmathi Atoll, and Addu Atoll) the resident foreign population is higher.





Resident Foriegn Population in 2014 & 2022



Percentage of Foreign Population

Percentage change = (2022 resident population – 2014 resident population)/2014 resident population *100

- In 2022, the atoll population ranged from a low of 1601 in Vaavu Atoll to 19319 in Addu Atoll.
- Most of the atolls were characterized by an increase in population size. The percentage increase in atoll populations ranged from 1-15 percent.
- Among the 20 atolls, Felidhu Atoll (V), North Huvadhu Atoll (GA) , South Huvadhu Atoll (GDh), Gnaviyani (Gn) experienced a decline in the population between 2014 and 2022.

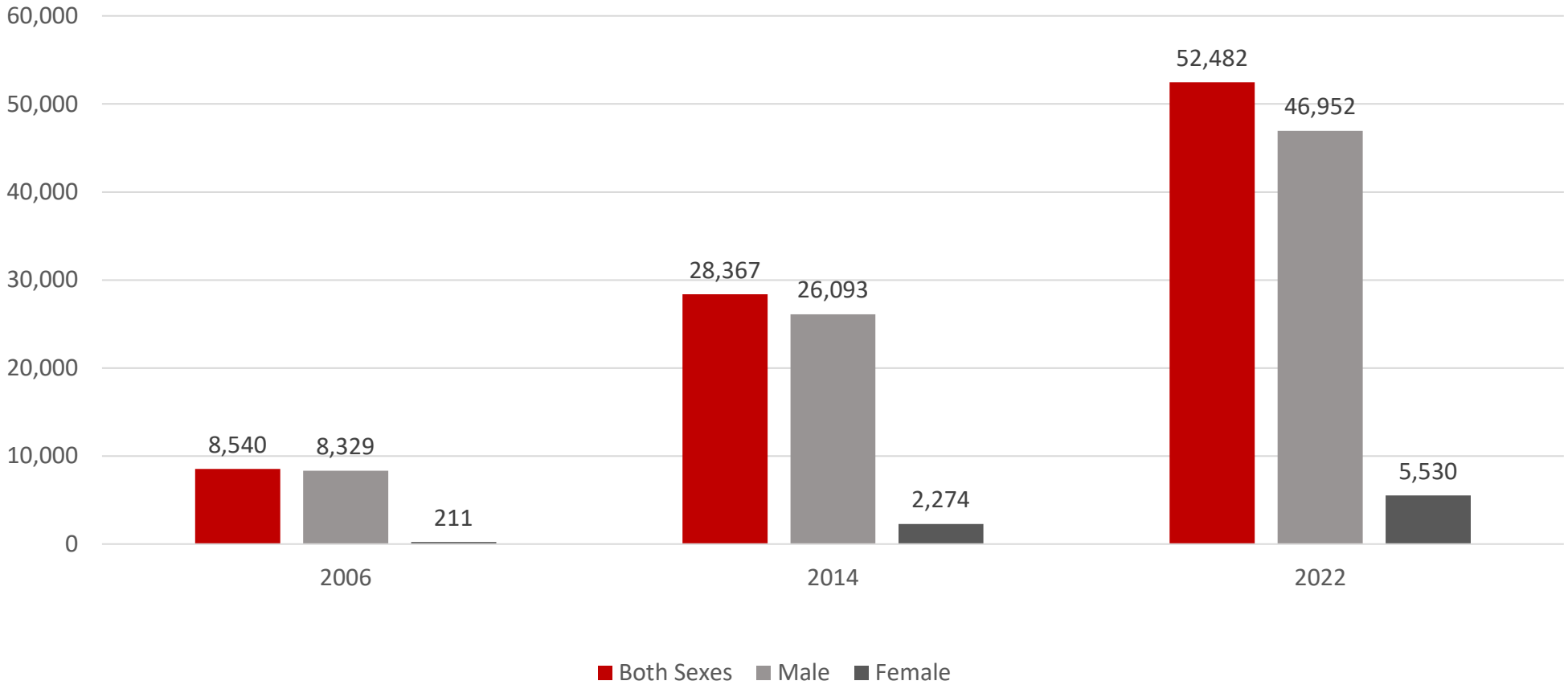
Locality	Resident Population 2022	Resident Foreigners 2022	Percentage of Foreign Population
Republic	515,132	132,493	25.7
Male' (including Villimale and Hulhumale)	211,908	51,721	24.4
Atolls	303,224	80,772	26.6
Administrative Islands	236,911	31,599	13.3
North Thiladhunmathi (HA)	14,623	1,282	8.8
South Thiladhunmathi (HDh)	22,440	2,210	9.8
North Miladhunmadulu (Sh)	13,698	1,011	7.4
South Miladhunmadulu (N)	12,503	1,301	10.4
North Maalhosmadulu (R)	17,581	1,575	9.0
South Maalhosmadulu (B)	10,631	1,469	13.8
Faadhippolhu (Lh)	8,992	1,038	11.5
Male' Atoll (K)	17,749	4,237	23.9
North Ari Atoll (AA)	8,017	1,241	15.5
South Ari Atoll (ADh)	10,540	2,000	19.0
Felidhu Atoll (V)	1,995	542	27.2
Mulakatholhu (M)	5,490	739	13.5
North Nilandhe Atoll (F)	4,869	411	8.4
South Nilandhe Atoll (Dh)	6,637	964	14.5
Kolhumadulu (Th)	10,260	1,112	10.8
Hadhdhunmathi (L)	14,699	1,727	11.7
North Huvadhu Atoll (GA)	9,190	1,215	13.2
South Huvadhu Atoll (GDh)	12,758	1,536	12.0
Gnaviyani (Gn)	9,177	1,270	13.8
Addu (S)	25,062	4,719	18.8
Non Administrative Islands	66,313	49,173	74.2
Resorts	52,482	36,885	70.3
Industrial Islands	13,831	12,288	88.8

Population in Non-Administrative Islands

- Over the years, the government's expanding economic development initiatives have spurred a significant increase in the population shift from administrative islands to non-administrative ones. The total number of Maldivian residents residing in non-administrative islands has risen from 13,514 in 2014 to 17140 in 2022.

	Resident Maldivians 2022			Resident Maldivians 2014		
	Both sexes	Male	Female	Both sexes	Male	Female
Resorts	15,597	14,706	891	11,609	11,269	340
Other industrial islands	1,543	1,489	54	1,905	1,851	54
Total	17,140	16,195	945	13,514	13,120	394

Resident Population in Resorts (2006,2014 &2022)

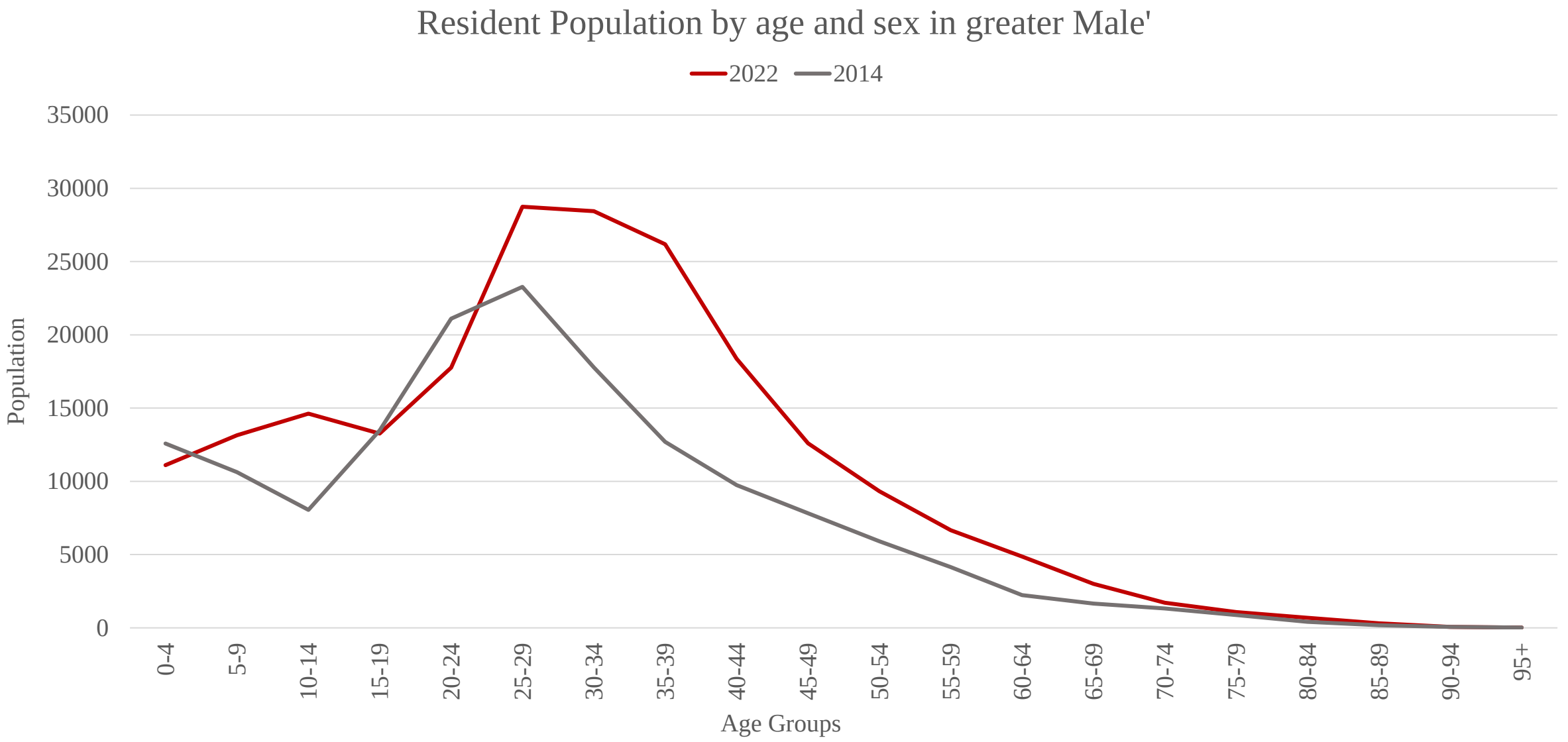


Between 2006 and 2022, the number of residents in resorts increased by 43,942, which is a considerable figure. Furthermore, it is interesting to note that the female population, which was low in 2006, experienced a rise of 5,319 in 2022

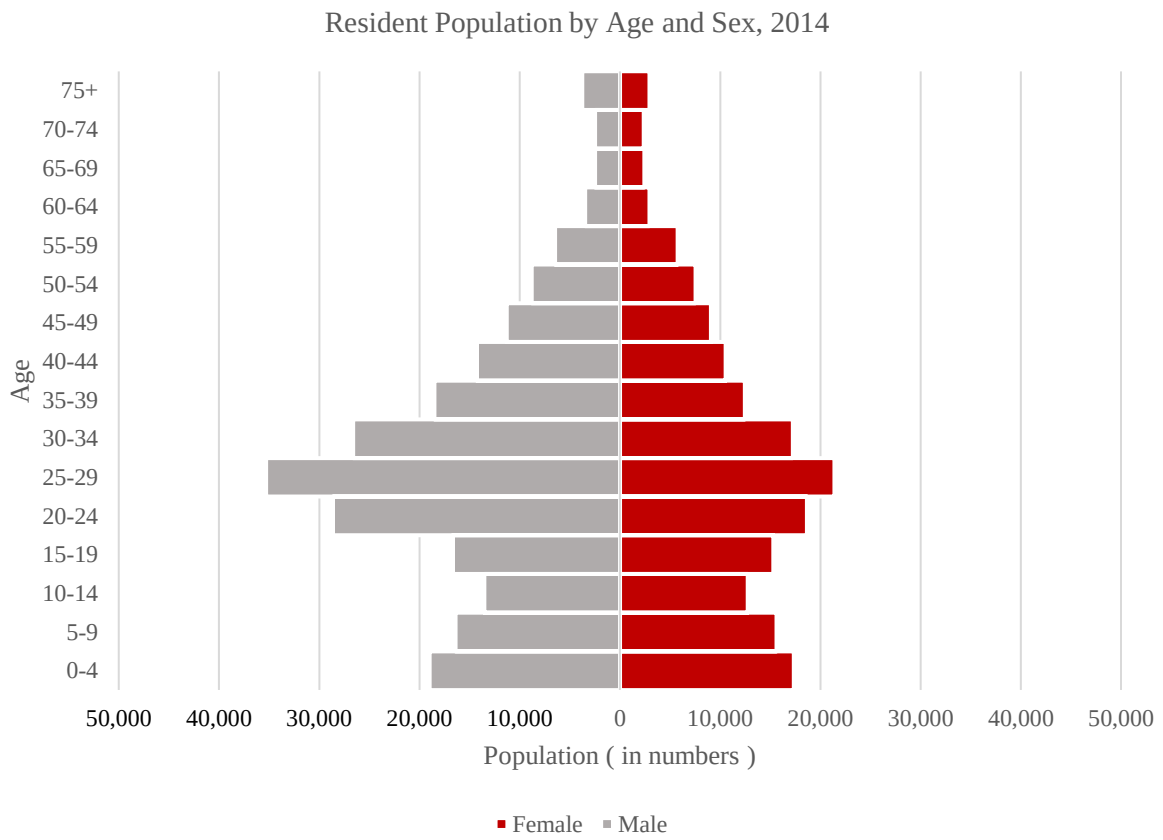
Population in Male'

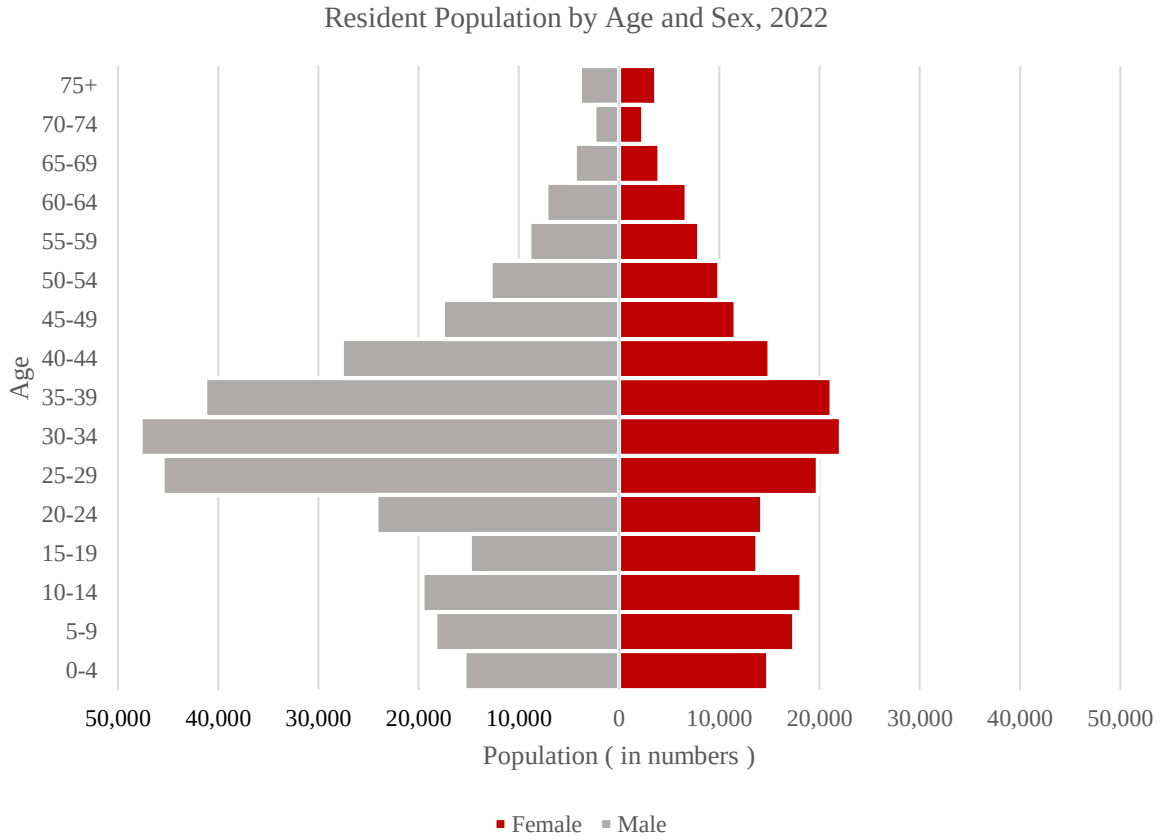
- In 2014 there was an increase in the population between the age groups of 10-14 and 25-29. The same increase is seen in 2022 between the age groups of 20-24 and 35-39 thus illustrating how the population has aged between the 2014 and 2022 Censuses.
- It can also be seen that there is a growth in the number of people between the age groups of 20-24 and 35-39.
- This rapid growth can be attributed primarily to urbanization, which has led people from atolls to migrate to the greater male region (Male., Hulhumale and Villimaale) in pursuit of better job opportunities and more favorable living standards.




Resident Population by age and sex in greater Male'
2022
2014
35000
30000
25000
20000
15000
10000
5000
0
Population
0-4
5-9
10-14
15-19
20-24
25-29
30-34
35-39
40-44
45-49
50-54
55-59
60-64
65-69
70-74
75-79
80-84
85-89
90-94
95+
Age Groups

Population Structure





Population Structure – Cont..

- The age and sex composition of the Maldives in 2022 continued to resemble that of a developing country with a broad base, a relatively large proportion of people in the adult age categories (below 30 years of age), and a relatively small proportion of people in the older age categories (above 60 years).

- It can also be seen that the male population in the age groups 20-24 and 45-49 has seen a drastic change between 2014 and 2022. This could be due to the increase in the number of male foreign workers between the two censuses.

- Furthermore, the largest population is in the age group of 25-29 which is a total of 56706 people in 2014. This changed in 2022, where the largest population is in the age group of 30-34 with a total of 69862.

Age Distribution

Population under 15 years

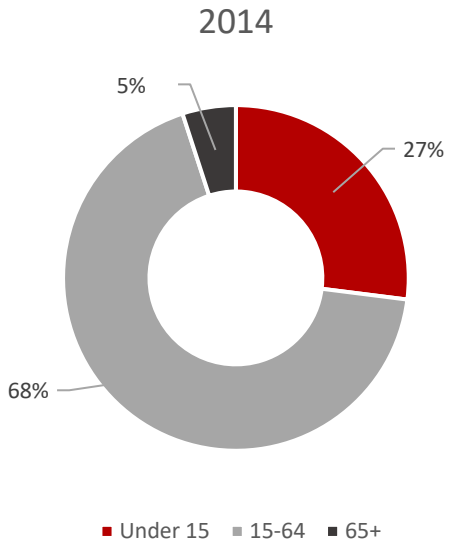
- It can be observed from the charts that the percentage of the under-15 population has decreased from 27 percent to 20 percent. There were 103,913 children in this age group, with 50,554 females and 53,359 males.

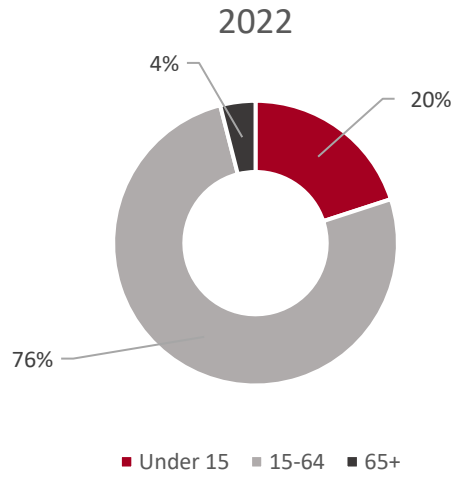
Population from 15 to 64 years

- According to the 2022 census, the population aged between 15-64 years was 390,369, representing 76 percent of the total population. This figure marks an increase of 8 percent since the 2014 census when the working-age population was 228,619 and constituted 68 percent of the total population.

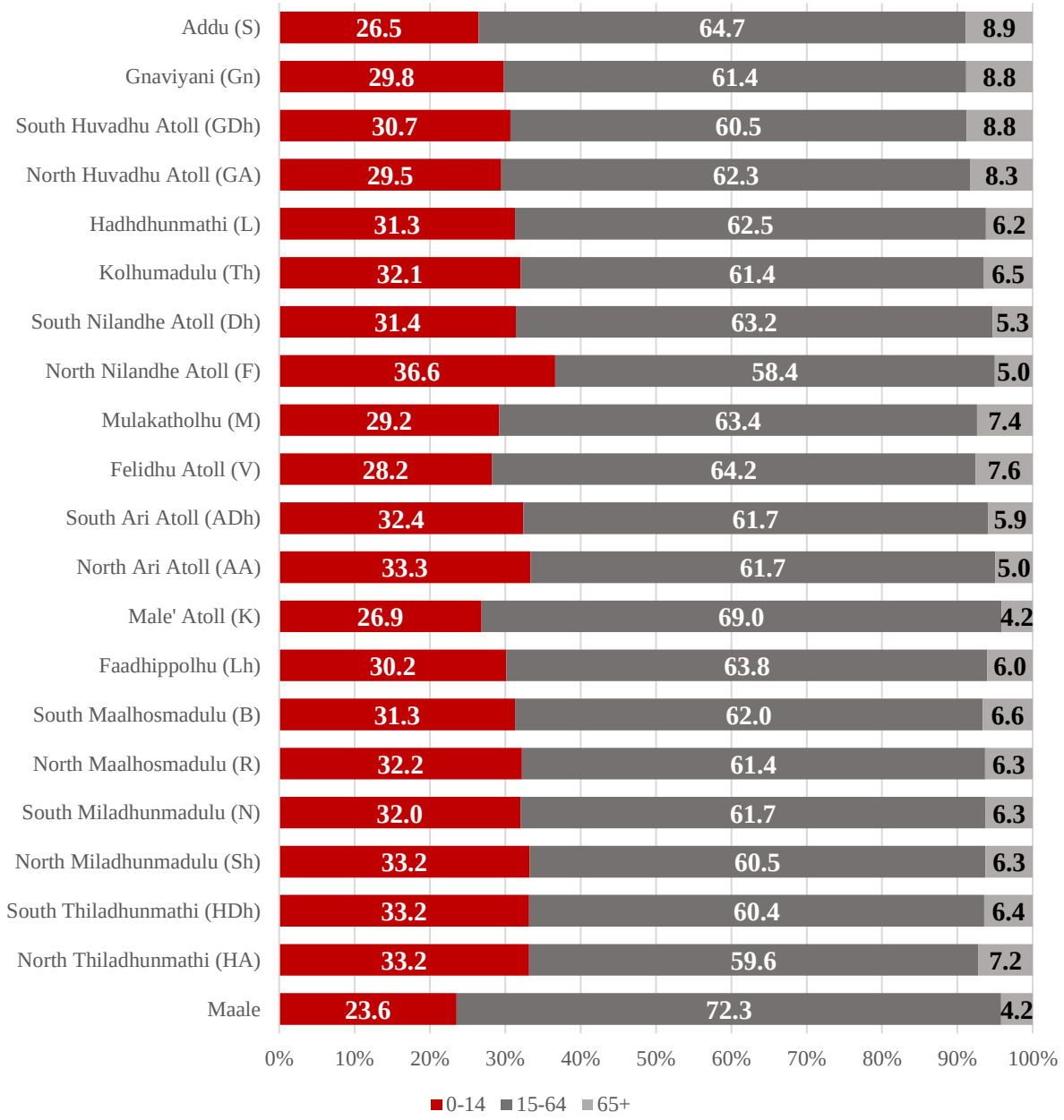
Population above 65 years

- Individuals aged 65 years or older accounted for 4% of the total population. Within this age group, the total number of individuals amounted to 20850, with males comprising 10,753 and females 10,097. In comparison, the total figure for this age group was 16,337 in 2014.





Population of Atolls in Broad Age Category, 2022

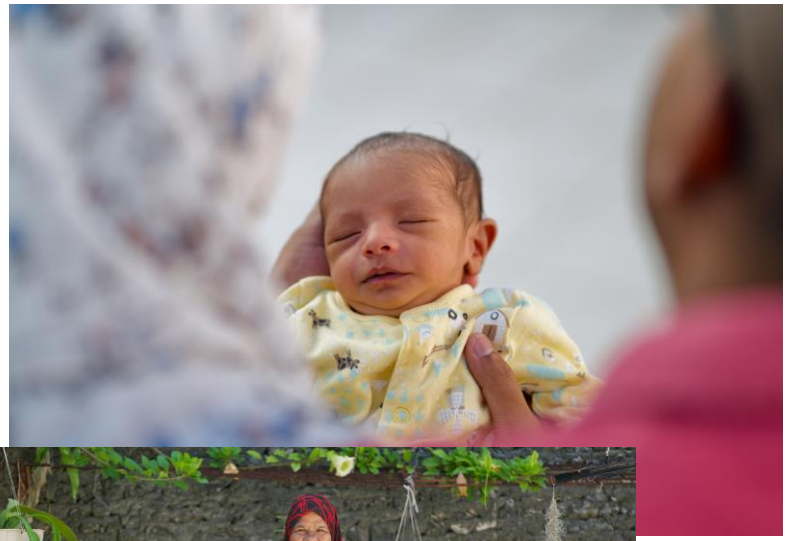


Age Dependency Ratio

- *Dependency Ratio*- The demographic dependency ratio is a measure showing the number of dependents, aged 0-14 years and over the age of 65, to the working age group 15 to 64 years.

- *Child Dependency Ratio*-The child dependency ratio is the ratio of the population aged 0-14 to the population aged 15-64, presented as the number of dependents per 100 persons of working age (15-64).

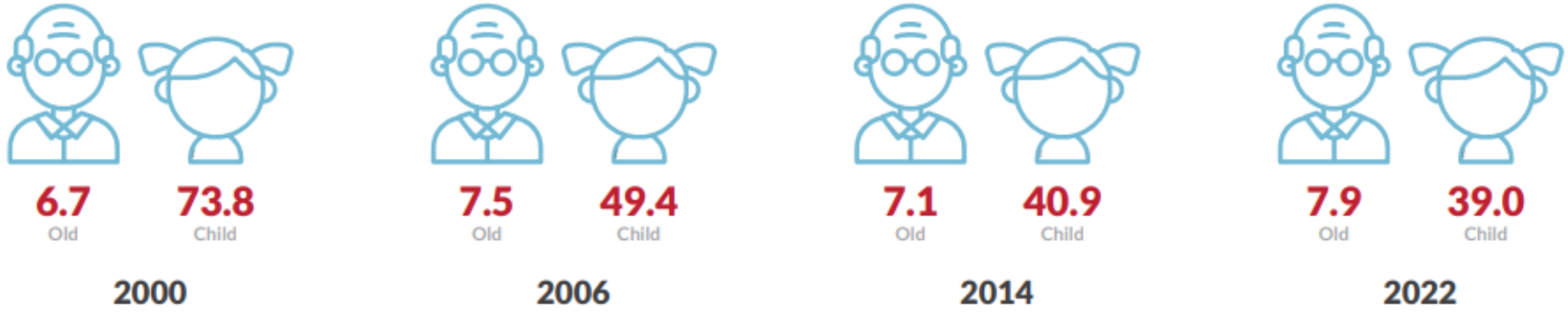
- *Aged Dependency Ratio*-The old-age-dependency ratio is the ratio of the number of elderly people at an age when they are generally economically inactive (i.e. aged 65 and over), compared to the number of people of working age (i.e. 15-64 years old).





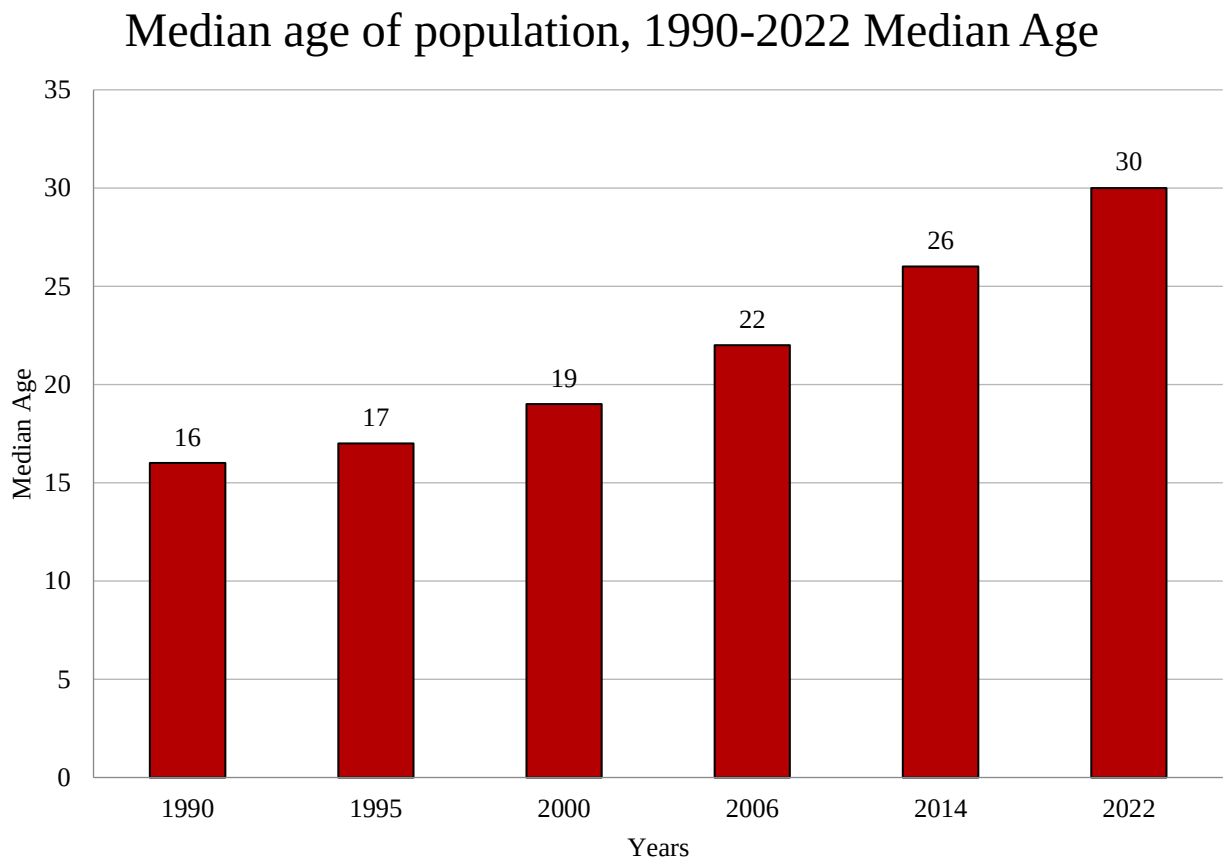
Age Dependency Ratio - Cont

- Total dependency ratio for 2022 was 46.8. While the child dependency ratio decreased to 39 per hundred people aged 15-64 years, the old age dependency continued to rise to 7.9 per hundred persons in the same age group.
- The decline in the child dependency ratio can be attributed to the decrease in fertility rates and the movement of baby boomers into the workforce.
- The rise in old age dependency reflects the aging population. Overall, the age dependency ratios experienced a gradual decline, with a significant drop in the total age dependency ratio between 2000 and 2022



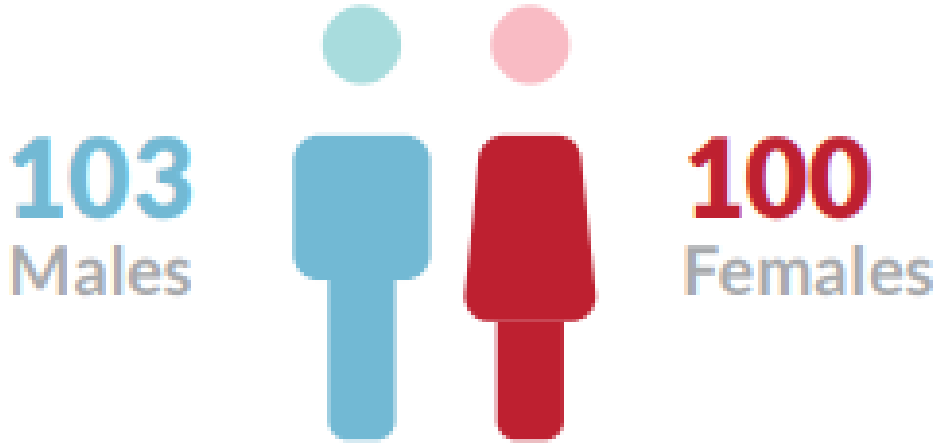
Median Age

- The median age of a population is a commonly used measure to assess the age distribution of a population.
- According to the census records of 1990 and 2022, the median age of the population increased from 16 years to 30 years, indicating a substantial rise in the average age of individuals



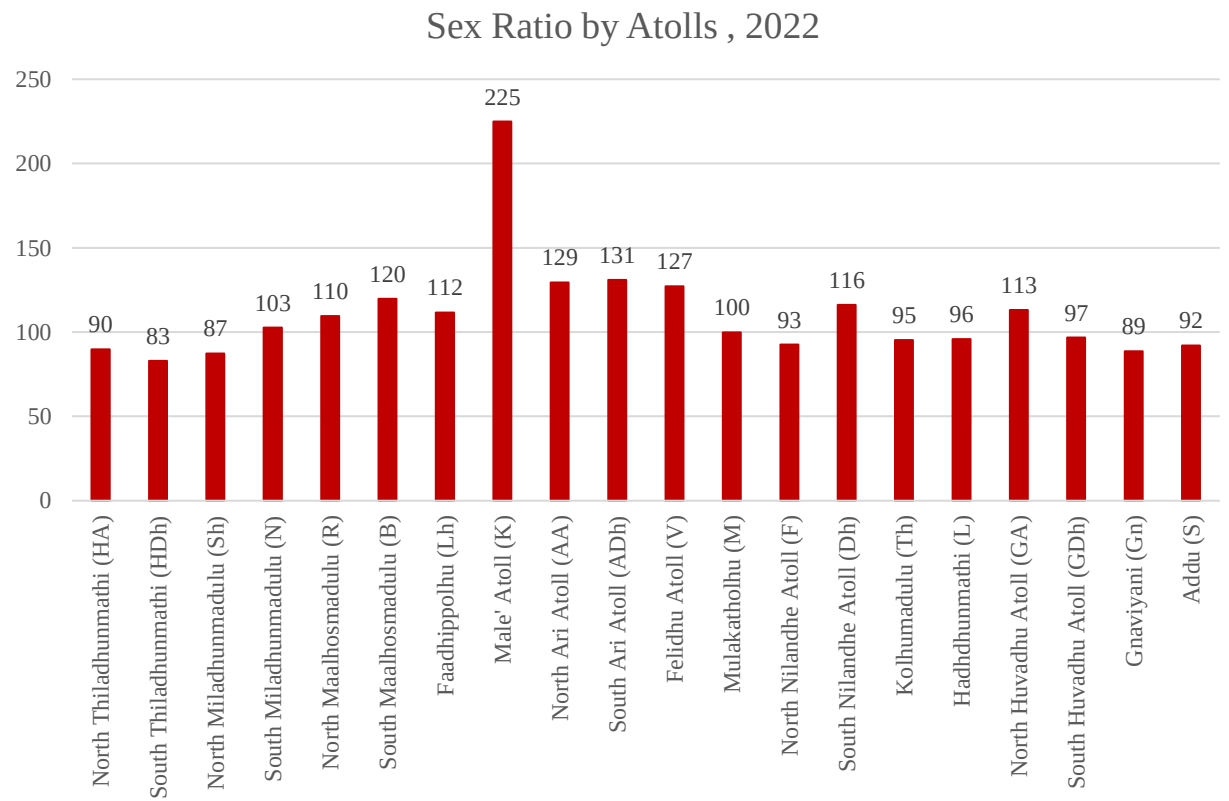
Sex Ratio and Changes in Sex Ratio

- The sex ratio is the ratio of males to females in a population and the most ideal ratio for a population is between 103 and 105.
- If the sex ratio is below 100 it indicates that the population has more females than males and if it is above 100 then there are more males than females.
- According to the 2022 census, Maldives had a sex ratio of 103 males per 100 females, indicating a surplus of males in the population. The sex ratio has remained the same since 2000.



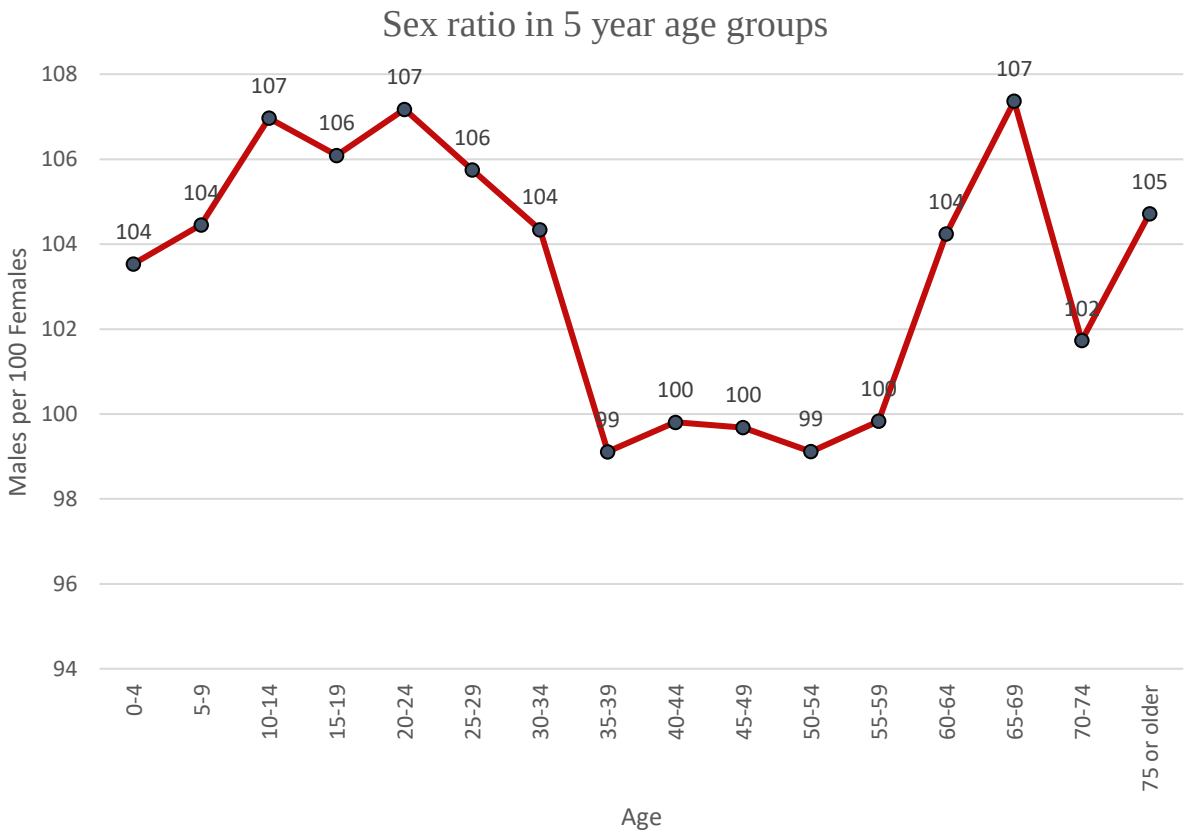
Sex Ratio by Atolls

- The atolls, Kaafu, AA, ADh, and Vaavu, exhibited an exceptionally large number of males over females. the lowest sex ratio among all the atolls.
- It is worth noting that the sex ratio in Male' has seen a significant decline from 109 in 2000 to a low of 98 in 2022.
- This suggests that the recent migration to Male' from the atolls is not limited to men alone - an equal proportion of women are also relocating to the capital.



Sex Ratio Sex Ratio by Age Groups

- The ratio of the male population to the female population is higher in younger years between 0-4 and 20-24. From ages 20-24 to 35-39 there was a decrease in the ratio of males per 100 females.
- However, the excess of men over women increased with age owing to the cumulative effects of higher death rates of females over time.
- At younger ages the Sex Ratio was in the range of 103-107, reflecting the fact that more boys than girls are born every year and that boys continue to outnumber girls through childhood and adolescence.
- In contrast to in the working age group the sex ratio is relatively low at barely 100 males per 100 females.



Thank You