

MALDIVES HEALTH PROFILE 2019



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Published by:

Health Information and Research Section,
Policy Planning and International Health Division,
Ministry of Health,
Male', Maldives.
Tel: +960 3328887
Fax: +960 3328889
Email: ppd@health.gov.mv
Website: www.health.gov.mv

Analysis and report written by:

Ms. Sofoora Kawsar Usman,
Assistant Director, Health Information and Research Section

Cover page designed by:

Mr. Ahmed Nasir, Director – Health Protection Agency

Report reviewed by:

Aishath Samiya – Permanent Secretary, Ministry of Health
Moomina Abdulla – Director, Health Information and Research Section

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About

Maldives Health Profile 2019 presents the key findings and concepts from the health statistics report, and directs readers to the relevant chapters in *Maldives Health Statistics 2017-19* should they require more information. The findings are drawn from a range of data sources—full details can be found in *Maldives Health Statistics 2017-19* and in the supplementary tables attached with the report.

On an average day in our health system

- 17 babies are born
 - o 12 babies are born in Male'
- 9 livebirths are vaginal deliveries
- 8 livebirths are caesarian section deliveries
- 3 people die
 - o 2 people die of chronic conditions (Cardiovascular Disease, Chronic Obstructor Pulmonary Disease, Cancer and Diabetes)
- 122 hospitalizations are made
 - o 95 hospitalizations are in public hospitals
 - o 27 hospitalizations are in private hospitals
- 48 hospitalizations are due to communicable, maternal, perinatal and nutritional conditions
 - o 39 hospitalizations are due to noncommunicable diseases
- 3.7 days was the duration of hospitalization in hospitals
- 6,561 outpatient visits were made to health facilities
 - o 2,715 outpatient visits were made to Male' health facilities (Greater Male' Area)
 - o 3,846 outpatient visits were made to Atoll health facilities

Vision of Ministry of Health

To have a nation with a healthy population which are health literate and practice healthy lifestyles, and have easy and effective access to quality health services in the region where they reside which is covered by a health care financing mechanism.

Mission of Ministry of Health

Protect and promote health of the population with enabling policies, relevant modern ICT and healthy environments; provide social health insurance; develop an efficient, sustainable health system and provide need based, accessible, affordable and quality health services in partnership with private sector and community.

1. The Health System of Maldives

The public sector forms the largest share of the health system in Maldives. The public sector is supported by a number of private health care providers, mainly providing curative and diagnostic services, and medicines and medical products within the country as well as in a few neighboring countries. Another key sector that forms part of the health system is the voluntary sector in the form of NGOs working on specific health issues and school health. While the public system extends to all inhabited island, private and voluntary sector services are concentrated in Male'. The health system is also supported by external development partners, particularly the UN Maldives.

Despite the achievements in the health sector, it is a daunting challenge for Maldives to sustain accessibility of health services equitably throughout the country. The delivery of services is extremely difficult due to the geography of the country with numerous islands scattered throughout, and often the means of transport is by sea which can be affected by unfavorable weather. In terms of cost effectiveness and sustainability, it is not favorable to have hospitals or health centers in each island as the population in some islands reach up to a few hundred only and each atoll covers a population of 5,000 to 15,000 people.

1.1. The Healthcare Delivery System

The health care delivery system of Maldives is organized into a three-tier system with island level primary health centers, a higher level of health facilities with respect to provision of maternal, new born care and specialty care at an atoll/regional level and tertiary care at a central level. Each healthcare facility is graded and depending on the grading of the hospital and health center, medical specialty care is provided.

Health policies with regard to public service delivery include, establishing a public health facility either a hospital or health center in each inhabited island, for which the service level would be decided depending on the level of population, patient load, and distance to nearest hospital. Each atoll excluding K atoll (where Male' the capital is located), has a hospital catering to the population of that atoll. Even though hospitals are called regional or atoll hospitals, the grading criteria for hospitals contains three levels. Administratively, the regional or atoll hospital in each atoll acts as the main coordinating body for primary and curative health care in that atoll. The figure below depicts the 3 tiers of Maldivian Health System.

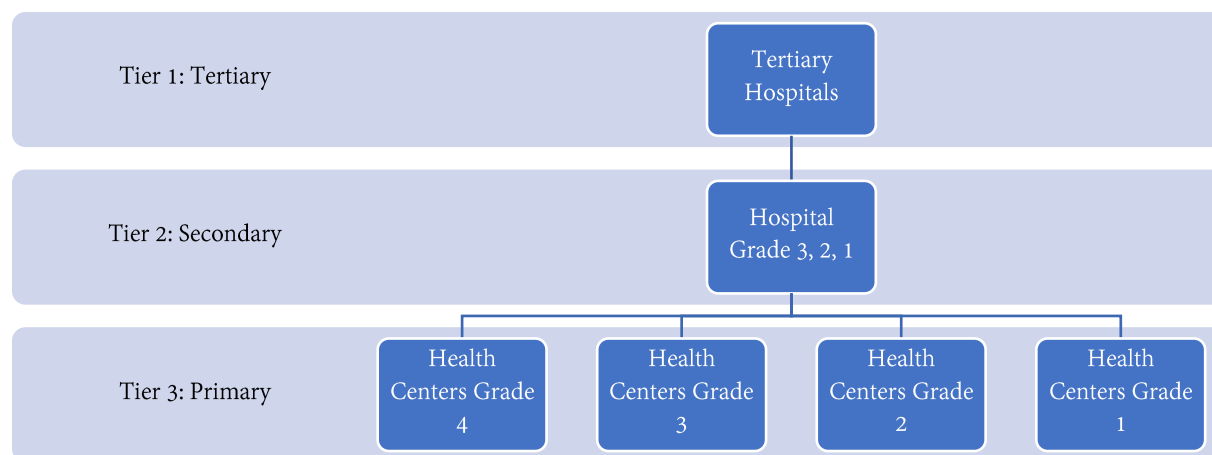
Table 1-1: Number of health facilities by category, 2019¹

Category of health facility	Private	Public	Total
a. Health Centre		164	163
b. Atoll Hospital		13	13
c. Hospital	2	3	5
d. Regional Hospital		6	6
e. Tertiary Hospital ²	2	1	3
Total	4	187	191

¹ List of all the health facilities attached with the Annex

² From 2020: Kulhudhufushi Regional Hospital (KRH) and Addu Equatorial Hospital (AEH) will operate as tertiary facilities.

Figure 1-1: Public healthcare delivery system of Maldives



1.2. Healthcare Resources

The limited and non-systematic public transport system delays access to medical care as people in many islands are unable to travel or have to pay high amounts to the private transport services to reach secondary or tertiary health care. These factors make health care services provision in Maldives is a costly undertaking.

A systematically organized public transportation system is a necessary pre-requisite for the full utilization of health care delivery system. A sustainable marine transport network will increase accessibility and mobility of the people and is expected to increase economic regeneration at all levels. One investment by the health sector is the introduction of the sea ambulance in the year 2014 to respond to emergency medical evacuations between health facilities. By the end of 2016, coverage has been extended to all the atolls of Maldives with 26 sea-ambulance in operation supported by the Maldives Coast Guard.

Strategies to improve access to health care through enabling platforms such as telemedicine, e-health programs, e-health records and the initiatives for increased financial health protection are of importance. There is a need to strengthen the health care system to meet the increasing health care demands and the challenges of social determinants of health amidst financial and resource shortages.

Further, to overcome the shortage of medicine in smaller communities, the government entered into a partnership with the State Trading Organization (STO) in 2014 outsourcing the supply and management of medicines and medical supplies of the public health care delivery system. As such, STO has established pharmacies in smaller island, medical storage facilities among the atolls. Biomedical service and medical supplies information system to guide effective supply of medicines, medical products and technology to all public health facilities, is coordinated by the Ministry of Health.

1.3. Financial Resources

The government’s commitment for improving the health services is evident by the health expenditure by the government. After several attempts to provide the benefits of health insurance, all Maldivians now enjoy a health care financing scheme fully supported by the government. The figure below summarizes the first Social Health Insurance Scheme and extending to full Maldivian coverage by 2014.

Figure 1-2: Progression of health insurance scheme of Maldives, 2010 - 2014



2. Births in Maldives

In 2019,

- 99% were in a hospital
- 69% of live births occurred in Male' city health facilities
- 45% of livebirths occurred in IGMH
- 51% of babies were boys
- 20% of livebirth took place in private hospitals
- 49% of babies were born by caesarean section
- 51% of babies were born by vaginal delivery
- 44% of babies were born by spontaneous vaginal delivery
- 89% of livebirths were born between 37-41 weeks (gestational age – term deliveries)
- 99% of births were attended by either gynecologist/doctors/nurse/nurse midwife
- 87% of livebirths had normal weight (2500 – 3999 grams)

2.1. Life Expectancy

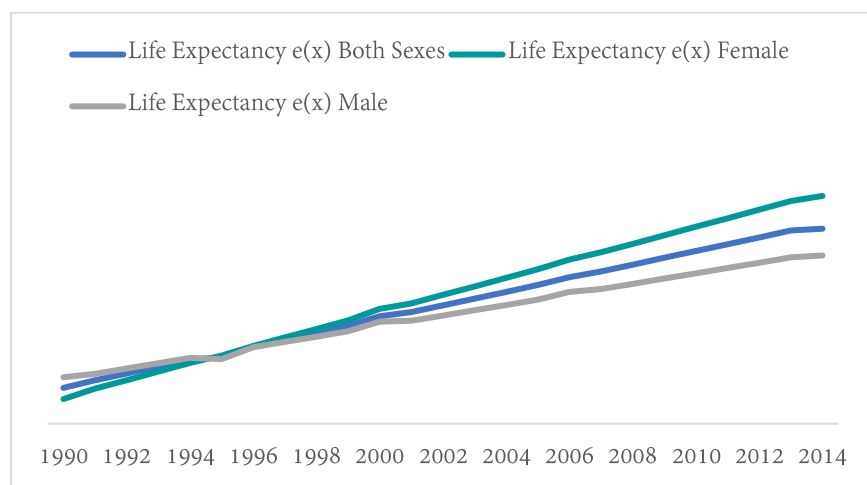
Our life expectancy at birth has increased greatly over the last century. We're expected to live about 18 years longer than people born in 1990. This places us in the top of the WHO-South East Asian Region (SEARO) countries for life expectancy.

Life expectancy for babies born in 2014

Boys—79.0 years

Girls—85.7 years

Figure 2-1: Life expectancy at birth 1990-2014



Source: National Bureau of Statistics (NBS), 2019

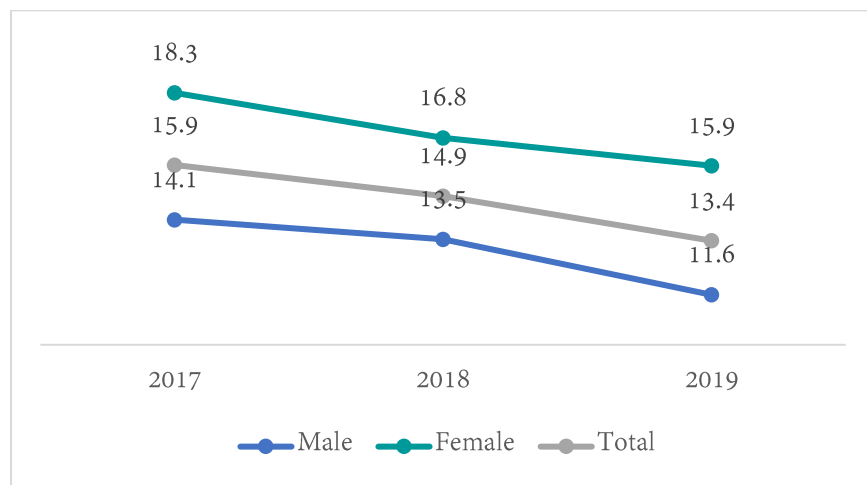
A Maldivian born in 2014 is expected to live around 82 years.

A Maldivian girl who was born in the year 2014 is expected to live to around 85-86 year. While a Maldivian boy who was born in the same year is expected to live to around 79 years.

In 1990, a Maldivian boy born that year was expected to live 2.5 years longer than a Maldivian girl born in the same year. A change in this trend can be observed over the years that followed. At present, a Maldivian girl born in a particular year is expected to live 6-7 years longer than a Maldivian boy born in the same year.

2.2. Crude Birth Rate

Figure 2-2: Crude Birth Rate, 2017-19



The crude birth rate is the annual number of live births per 1,000 population.

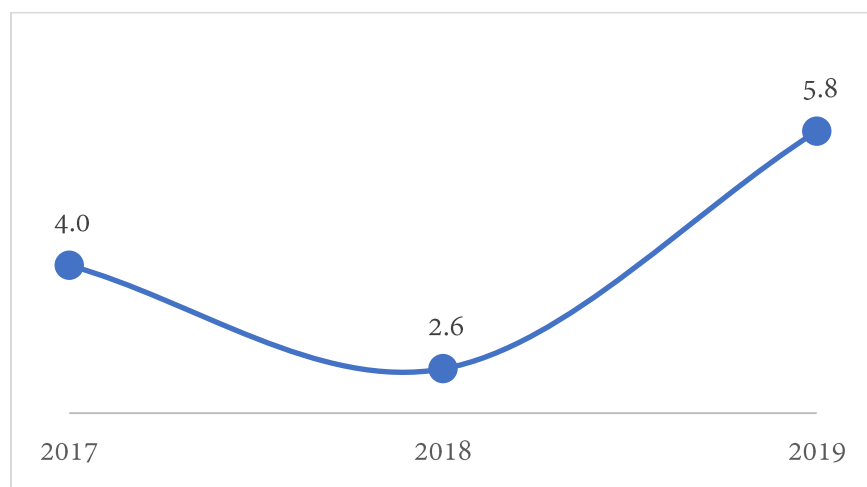
Crude birth rate continued to decrease over the period.

Source: Vital Registration System (VRS) 2017-19

The crude birth rate is generally computed as a ratio. The numerator is the number of live births observed in a population during a reference period and the denominator is the number of person-years lived by the population during the same period. It is expressed as births per 1,000 population.

2.3. Adolescent birth rate (Age: 15 to 19 years)

Figure 2-3: Adolescent Birth Rate, 2017-19³



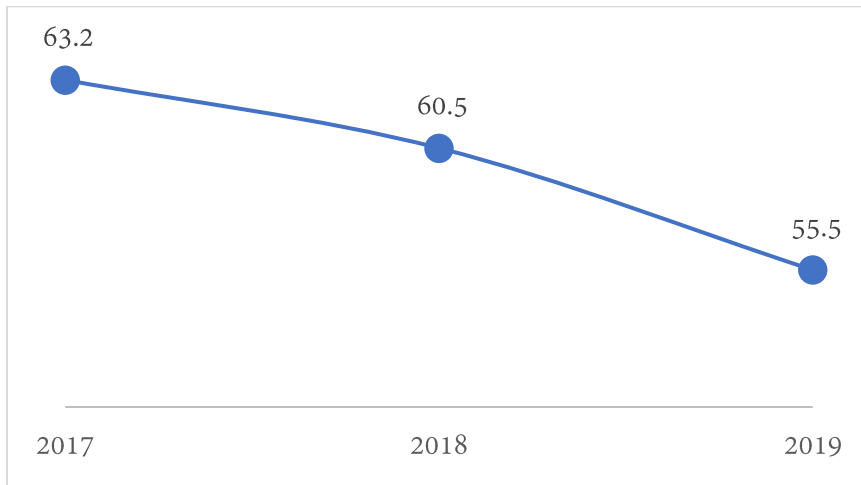
The annual number of births to women aged 15-19 years per 1,000 women in that age group. It is also referred to as the age-specific fertility rate for women aged 15-19.

Source: Vital Registration System (VRS) 2017-19

³ Eight (8), Nine (9) and One (1) livebirth(s) occurred for mothers below 18 years of age in 2017, 2018 and 2019 respectively.

2.4. Reproductive birth rate or fertility rate (Age: 15 to 49 years)

Figure 2-4: Reproductive age birth rate, 2017-19

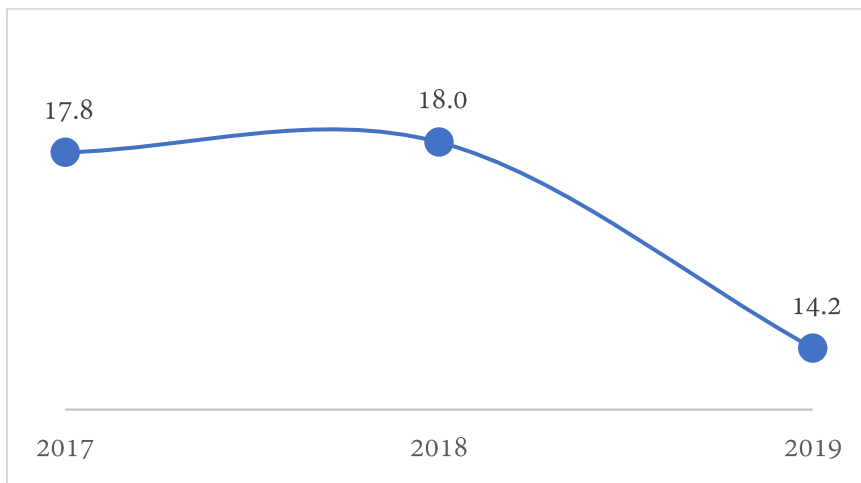


The **fertility rate** measures the number of **births** per 1,000 women of childbearing age (ages 15 to 49) occurring in a particular year; **birth rates** refer to this measure within particular age groups.

Source: Vital Registration System (VRS) 2017-19

2.5. High risk birth rate (Age: over 35 and under 19 years)

Figure 2-5: High risk age birth rate, 2017-19



The **high-risk birth rate** measures the number of **births** per 1,000 women of high-risk age groups (ages below 19 and over 35) occurring in a particular year; **birth rates** refer to this measure within particular age groups.

Source: Vital Registration System (VRS) 2017-19

2.6. Vital Statistics Indicators

Table 2-1: Vital Statistics Indicators, 2017-19

VITAL STATISTICS INDICATORS ⁴	2017	2018	2019
Crude Birth Rate (CBR)/'000 population	16	15	13
Crude Death Rate (CDR)/'000 population	3	3	2
Infant Mortality Rate (IMR)/'000 live births	10	7	6
<5 Mortality Rate (<5MR) /'000 live births	11	9	8
Maternal Mortality Ratio (MMR)/100,000 live births	103	61	0
Still Birth Rate (SBR)/'000 live births	5	3	6
Neonatal Mortality Rate (NMR)/'000 live births	8	5	4

Source: Vital Registration System (VRS) 2017-19

Table 2-2: Numbers used in the Vital Statistics Indicator calculations, 2017-19⁵

	2017	2018	2019
Total no. of births (Live birth + Still birth+ Abortion)	7,030	6,808	6,350
Total no of live births	6,802	6,586	6,153
Total no of Still births (birth data file)	31	23	39
Total no of Abortions (birth data file)	197	199	158
Total no. of deaths	1,250	1,261	1,054
Total no. of infant deaths	66	48	39
Total no. of Neonatal Deaths (0-27d)	53	34	25
Total no. of <5 deaths	75	57	49
Total no. of maternal deaths	7	4	0
Resident Projected Mid-Year Population (from NBS)	427,964	442,883	458,706

Source: Vital Registration System (VRS) 2017-19

⁴ Rates calculated using the Resident population of 2017- 2019

⁵ Tentative deaths for 2018 and 2019 - subject to change

3. How healthy are we?

Collectively, in 2019 chronic conditions (to Cardiovascular Disease, Cancer, Diabetes or Chronic Respiratory Disease) account for:

- 55% of deaths and 11% of hospitalizations

3.1. Morbidity

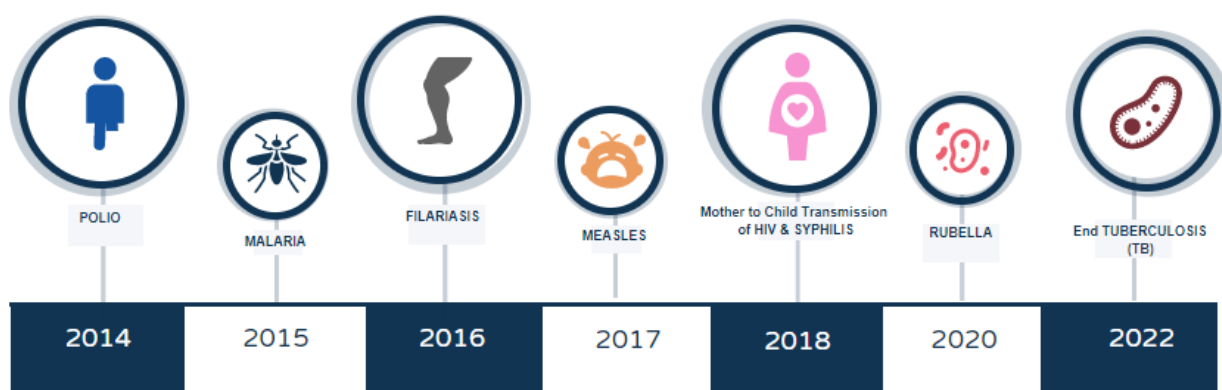
Maldives has double burden of diseases, both communicable diseases and increasing burden of non-communicable diseases. We now face the challenge of controlling non-communicable diseases and addressing social determinants of health while also continuing to strengthen preparedness and control of emerging and re-emerging communicable diseases.

In 2019;

- 56% (24,777) of all hospital admissions were females
- 95% of hospital admissions were locals, of which 54% were females
- 5% admissions were foreigners, of which 4% were foreign males
- 32% of hospital admissions were due to Non-Communicable Diseases
- 40% of hospital admissions were due to Communicable, Maternal, Perinatal and Nutritional Conditions

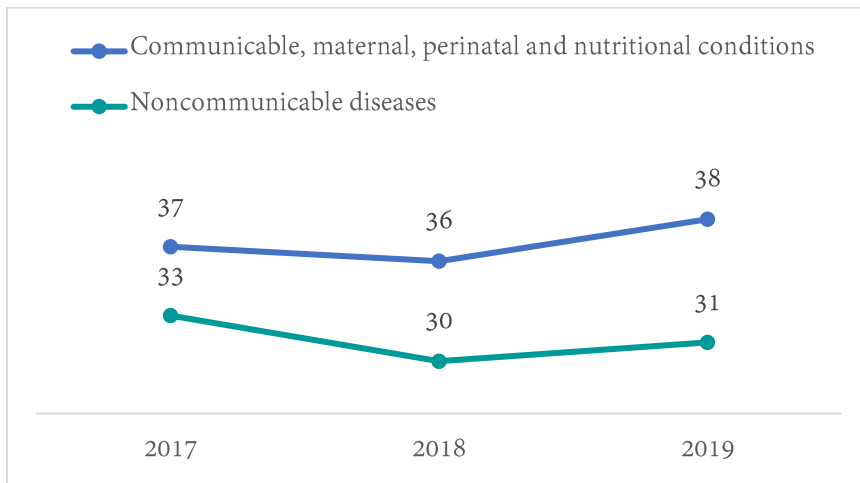
There has been continued improvement in situation of most communicable diseases, while in other diseases, achievements have been sustained. The most remarkable achievements in the past with regard to communicable diseases include Maldives being declared by World Health Organization (WHO) to have reached elimination status for following conditions:

Figure 3-1: Elimination of diseases and targets, 2014-2022



Prevention of NCDs is given priority by the government. The Health Master Plan proposed for 2016-2025 focuses on prevention of CVDs, Diabetes, renal diseases, COPD and selected cancers. A multi-sectoral Action Plan on the Prevention and Control of NCDs (2016-2020), which is aligned with the Global NCD Targets and SDG 3. Tobacco Control Act aligned with the global tobacco control treaty WHO Framework Convention on Tobacco Control (FCTC) is in force since 2010.

Figure 3-2: Morbidity rate for non-communicable diseases and communicable, maternal, perinatal and nutritional conditions per 1,000 population, 2017-19

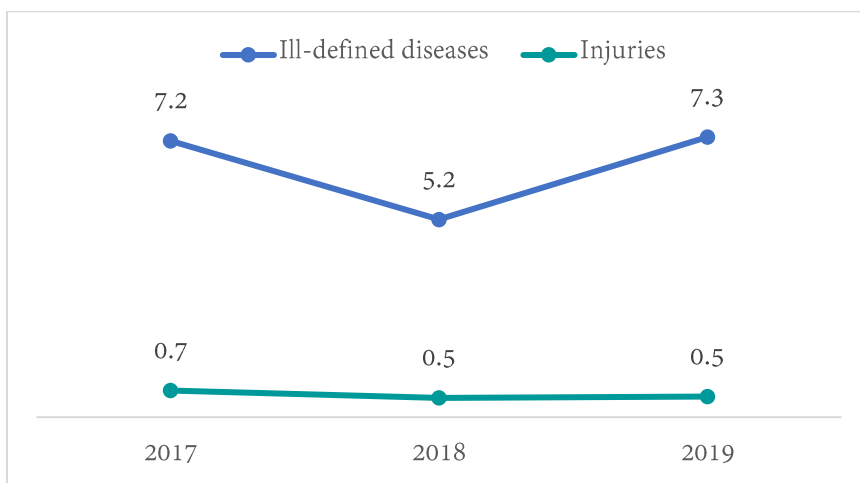


The morbidity rate is the frequency or proportion with which a disease appears in a population.

For calculation purposes total admissions due to specific conditions such as, non-communicable diseases and communicable, maternal, perinatal and nutritional conditions per 1,000 population in a particular year is taken.

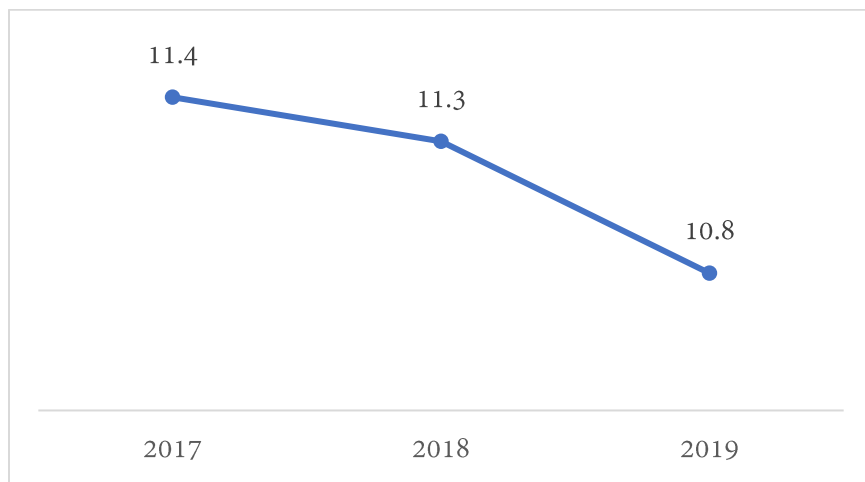
Source: Vital Registration System (VRS) 2017-19

Figure 3-3: Morbidity rate for injuries and ill-defined diseases per 1,000 population, 2017-19



Source: Vital Registration System (VRS) 2017-19

Figure 3-4: Morbidity rate attributed to cardiovascular disease, cancer, diabetes or chronic respiratory disease per 1,000 population, 2017-19



Source: Vital Registration System (VRS) 2017-19

Disease burden from non-communicable diseases (NCDs) among adults is rapidly increasing in developing countries due to ageing. Cardiovascular disease, cancer, diabetes or chronic respiratory diseases are the four main causes of NCD burden: ICD-10 underlying causes of death **I00-I99, C00-C97, E10-E14 and J30-J98.**

Perinatal conditions are the most common cause of morbidity in children under 5, while infectious diseases, specifically dengue caused most morbidity among children 5-14 years. Maternal conditions accounted for the young people's morbidity while NCDs were the main cause of morbidity for those middle aged and elderly.

Table 3-1: Top burden of diseases (admissions) by age for 2017-19

Age groups	2017		2018		2019	
0-4	Other perinatal conditions	18%	Other perinatal conditions	21%	Other perinatal conditions	17%
5-9	Upper respiratory infections	8%	Dengue	11%	Dengue	13%
10-14	Dengue	9%	Dengue	18%	Dengue	18%
15-24	Other maternal conditions	14%	Other maternal conditions	13%	Other maternal conditions	11%
25-34	Other maternal conditions	16%	Other maternal conditions	19%	Other maternal conditions	15%
35-49	Other genitourinary system diseases	9%	Other maternal conditions	9%	Other genitourinary system diseases	8%
50-64	Ischemic heart disease	12%	Ischemic heart disease	12%	Ischemic heart disease	11%
65-79	Ischemic heart disease	9%	Ischemic heart disease	10%	Ischemic heart disease	9%
80 and above	Lower respiratory infections	8%	Chronic obstructive pulmonary disease	9%	Lower respiratory infections	10%

Communicable, maternal, perinatal and nutritional conditions						Ill-defined diseases
Infectious & parasitic diseases	Maternal conditions	Nutritional deficiencies	Perinatal conditions	Respiratory infections		Intentional injuries

Noncommunicable diseases					Injuries
Cardiovascular diseases	Digestive diseases	Genitourinary diseases	Neuropsychiatric conditions	Respiratory diseases	Unintentional injuries

When disaggregated by sex, infectious diseases, particularly dengue accounted for the morbidity among adolescent boys and young people. Morbidity conditions remained same for both sexes in other age groups.

Table 3-2: Top burden disease (admissions) by age and gender for 2017-19

Age groups	Female	Male	All persons
0-4	Other perinatal conditions 19%	Other perinatal conditions 19%	Other perinatal conditions 19%
5-9	Dengue 16%	Dengue 7%	Dengue 10%
10-14	Dengue 14%	Dengue 16%	Dengue 15%
15-24	Other maternal conditions 19%	Dengue 13%	Other maternal conditions 13%
25-34	Other maternal conditions 21%	Dengue 12%	Other maternal conditions 16%
35-49	Other maternal conditions 13%	Other digestive diseases 10%	Other maternal conditions 8%
50-64	Other genitourinary system diseases 9%	Ischemic heart disease 17%	Ischemic heart disease 11%
65-79	Chronic obstructive pulmonary disease 9%	Ischemic heart disease 13%	Ischemic heart disease 9%
80 and above	Lower respiratory infections 10%	Cerebrovascular disease 8%	Lower respiratory infections 9%

Communicable, maternal, perinatal and nutritional conditions						Ill-defined diseases
Infectious & parasitic diseases	Maternal conditions	Nutritional deficiencies	Perinatal conditions	Respiratory infections		Intentional injuries

Noncommunicable diseases					Injuries
Cardiovascular diseases	Digestive diseases	Genitourinary diseases	Neuropsychiatric conditions	Respiratory diseases	Unintentional injuries

Table 3-3: Top 10 Morbidity Conditions, by gender for 2017-19

#	Female	Male	All persons
1	Other maternal conditions 10%	Other digestive diseases 6%	Other maternal conditions 6%
2	Other genitourinary system diseases 5%	Dengue 6%	Other digestive diseases 5%
3	Other digestive diseases 4%	Other perinatal conditions 5%	Other perinatal conditions 4%
4	Other perinatal conditions 4%	Ischemic heart disease 5%	Other genitourinary system diseases 4%
5	Abortion 3%	Lower respiratory infections 4%	Dengue 4%
6	Lower respiratory infections 3%	Other genitourinary system diseases 3%	Lower respiratory infections 3%
7	Dengue 3%	Upper respiratory infections 3%	Ischemic heart disease 3%
8	Upper respiratory infections 2%	Cerebrovascular disease 2%	Upper respiratory infections 3%
9	Diarrheal diseases 2%	Diarrheal diseases 2%	Diarrheal diseases 2%
10	Other respiratory diseases 2%	Other infectious diseases 2%	Other infectious diseases 2%

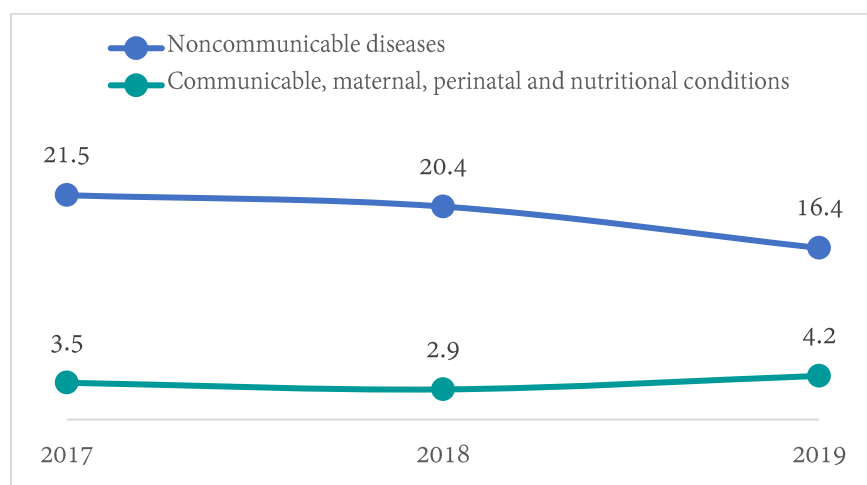
Communicable, maternal, perinatal and nutritional conditions					Ill-defined diseases
Infectious & parasitic diseases	Maternal conditions	Nutritional deficiencies	Perinatal conditions	Respiratory infections	Intentional injuries

Noncommunicable diseases					Injuries
Cardiovascular diseases	Digestive diseases	Genitourinary diseases	Neuropsychiatric conditions	Respiratory diseases	Unintentional injuries

3.2. Mortality

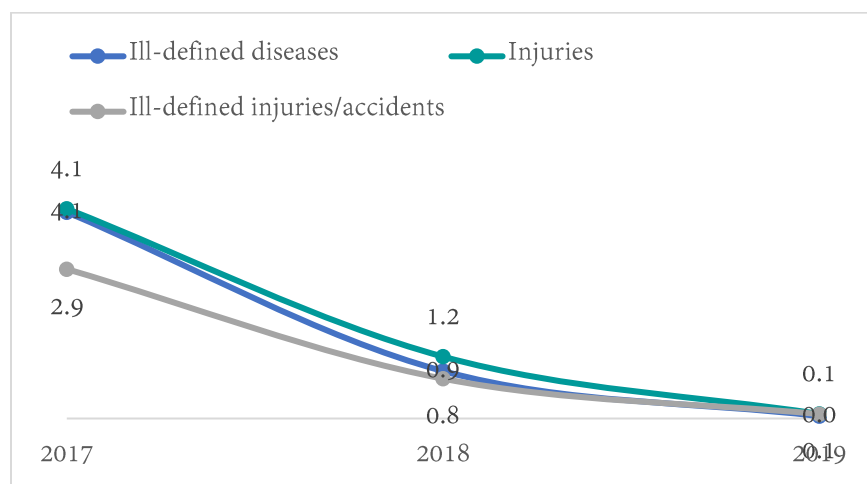
A lot of work has been undertaken to improve maternal, child health and reproductive health situation in the country. Universal coverage in immunization was maintained for many years, although has slightly declined in the recent years. Different studies in the recent past have shown that there is almost universal coverage of antenatal care in Maldives. Almost every birth takes place in a health care facility attended by skilled providers. However, improvements are required to ensure sustained coverage of child immunization and quality in antenatal, intra-partum and postpartum care.

Figure 3-5: Mortality rate for non-communicable diseases and communicable, maternal, perinatal and nutritional conditions per 10,000 population, 2017-19



Source: Vital Registration System (VRS) 2017-19

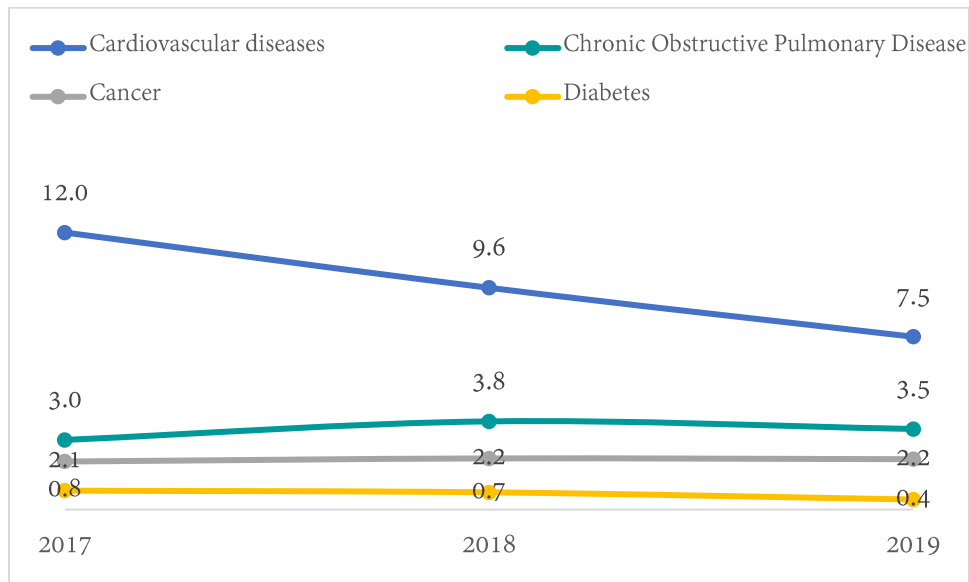
Figure 3-6: Mortality rate for injuries and ill-defined diseases per 10,000 population, 2017-19



Source: Vital Registration System (VRS) 2017-19

With availability of unhealthy consumer products and lifestyle changes associated with development and consequently the high prevalence of risk factors such as tobacco use, consumption of sugary and fatty foods and drinks and sedentary lifestyles, chronic non-communicable diseases (NCD) have emerged as the major causes of morbidity and mortality in the country. Cardiovascular diseases (CVDs), chronic respiratory diseases, accidents and injuries, diabetes and cancers are the leading causes of death in the country.

Figure 3-7: Mortality rate attributed to cardiovascular disease, cancer, diabetes or chronic respiratory disease per 10,000 population, 2017-19

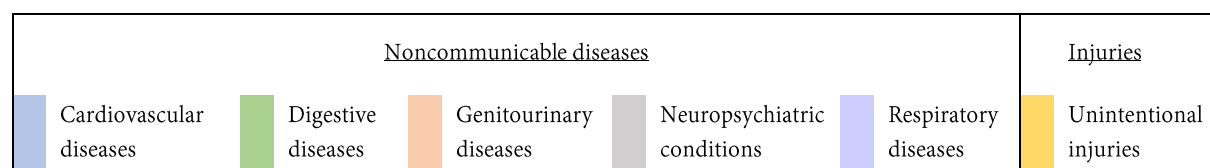
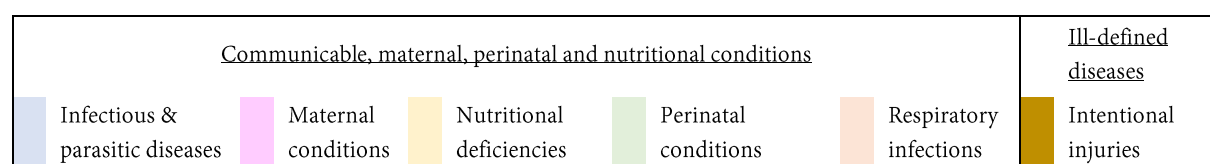


Source: Vital Registration System (VRS) 2017-19

Under5 mortality is driven by low birth weight indicating the need for better maternal and perinatal care. Aged 5-14 shows morbidity due to neuropsychiatric conditions (related to congenital anomalies) with infectious disease condition in the 10-14 age groups. Cardiovascular conditions are also observed in the youth age groups perhaps reflecting survival of children with congenital heart conditions. Among middle age and elderly CVDs account for mortality.

Table 3-4: Top burden of diseases (deaths) by age for 2017-19

Age groups	2017		2018		2019	
0-4	Low birth weight	24%	Low birth weight	23%	Low birth weight	25%
5-9	Neuropsychiatric disorders	38%	Unintentional injuries	33%	Neuropsychiatric disorders	100% ⁶
10-14	Inflammatory heart diseases	20%	Not categorized / Multiple Sub-categories	100% ⁷	Dengue	25%
15-24	Other cardiovascular diseases	27%	Other cardiovascular diseases	14%	Drownings	10%
24-35	Other cardiovascular diseases	11%	Other cardiovascular diseases	13%	Other cardiovascular diseases	14%
35-49	Other cardiovascular diseases	13%	Ischemic heart disease	14%	Ischemic heart disease	15%
50-64	Ischemic heart disease	16%	Other cardiovascular diseases	14%	Other cardiovascular diseases	12%
65+	Other cardiovascular diseases	15%	Other cardiovascular diseases	13%	Ischemic heart disease	10%



⁶ Note: One (1) death in 5–9-year age group in 2019, as “Other neuropsychiatric disorders”

⁷ Note: Three (3) death in 10–14-year age group in 2018. All in “Not categorized / Multiple Sub-categories”

Disaggregation by sex also shows the same pattern of mortality for the age groups.

Table 3-5: Top burden disease by age and gender for 2017-19

Age groups	Female		Male		All persons	
Under 5	Low birth weight	10%	Low birth weight	12%	Low birth weight	24%
5-9	Other neuropsychiatric disorders	20%	Other infectious diseases	7%	Other neuropsychiatric disorders	27%
10-14	Other respiratory diseases	8%	Road traffic accidents	8%	Other respiratory diseases	8%
15-24	Other cardiovascular diseases	7%	Other cardiovascular diseases	9%	Other cardiovascular diseases	16%
24-34	Other neuropsychiatric disorders	3%	Other cardiovascular diseases	10%	Other cardiovascular diseases	13%
35-49	Other cardiovascular diseases	2%	Ischemic heart disease	12%	Ischemic heart disease	14%
50-64	Other cardiovascular diseases	4%	Ischemic heart disease	10%	Ischemic heart disease	14%
65-79	Other cardiovascular diseases	5%	Other cardiovascular diseases	7%	Other cardiovascular diseases	13%
80 and above	Other cardiovascular diseases	6%	Ischemic heart disease	8%	Other cardiovascular diseases	13%

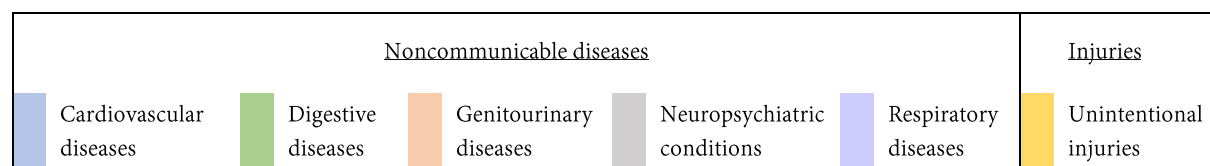
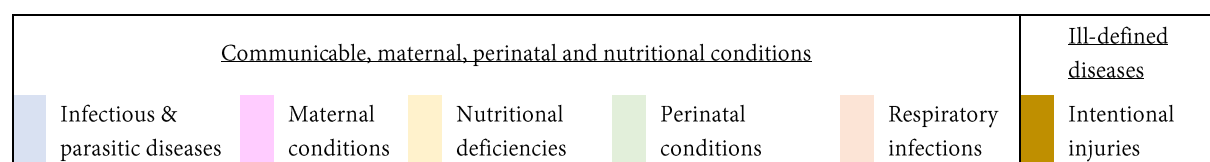
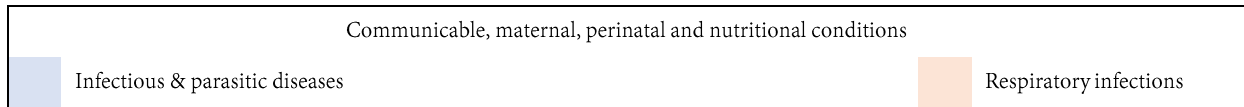
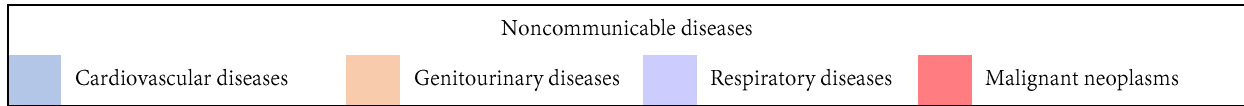


Table 3-6: Top 10 Mortality Conditions, by gender for 2017-19

#	Female	Male	All persons
1	Other cardiovascular diseases 12%	Other cardiovascular diseases 12%	Other cardiovascular diseases 12%
2	Chronic obstructive pulmonary disease 9%	Ischemic heart disease 12%	Ischemic heart disease 10%
3	Ischemic heart disease 8%	Cerebrovascular disease 8%	Cerebrovascular disease 7%
4	Other respiratory diseases 6%	Other respiratory diseases 6%	Chronic obstructive pulmonary disease 6%
5	Cerebrovascular disease 6%	Chronic obstructive pulmonary disease 4%	Other respiratory diseases 6%
6	Hypertensive heart disease 4%	Lower respiratory infections 4%	Lower respiratory infections 4%
7	Other infectious diseases 4%	Other infectious diseases 4%	Other infectious diseases 4%
8	Lower respiratory infections 4%	Hypertensive heart disease 3%	Hypertensive heart disease 4%
9	Nephritis and nephrosis 4%	Nephritis and nephrosis 3%	Nephritis and nephrosis 3%
10	Other malignant neoplasms 2%	Other malignant neoplasms 3%	Other malignant neoplasms 2%



3.3. Inpatient Beds

Table 3-7: Inpatient beds for Male' and Maldives per 10,000 population, 2017-19

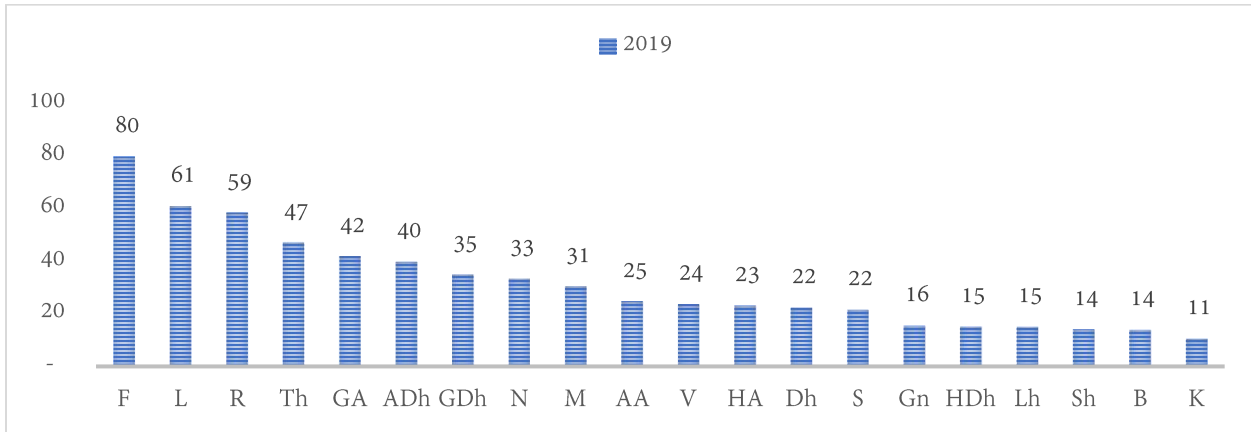
	2017	2018	2019
Maldives	45	44	35
Male'	23	33	40

Total number of hospital beds per 10 000 population, where;

Numerator: Number of hospital beds (excluding labor and delivery beds).

Denominator: Total population.

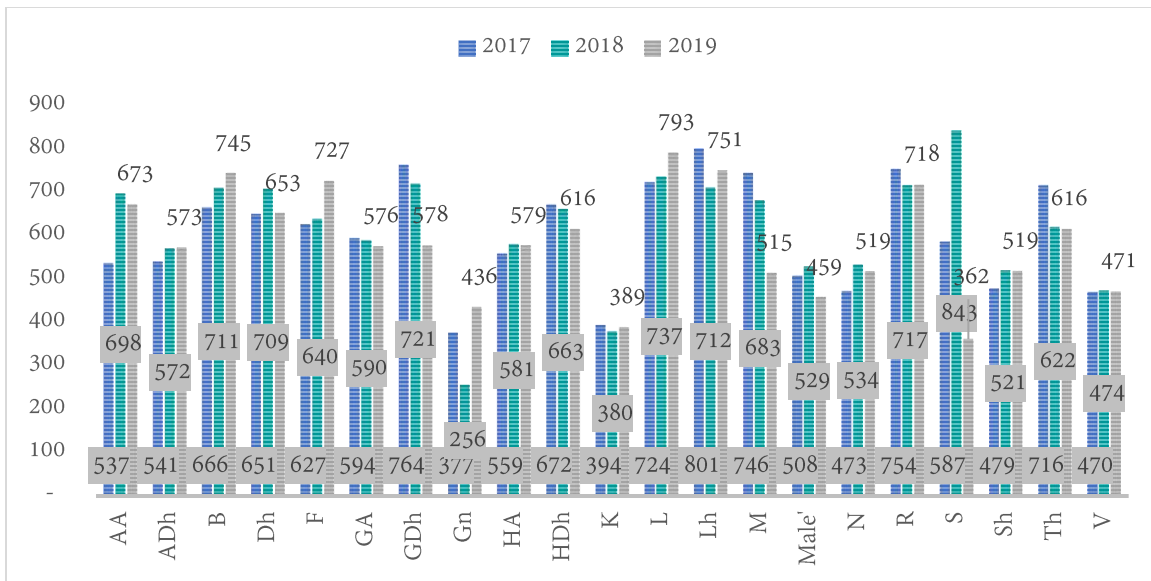
Figure 3-8: Inpatient beds per 10,000 population, 2019



3.4. Outpatients

The number of outpatient visits to health facilities during one year relative to the total population of the same geographical area. Health facilities include all public and private health facilities in which general health services are offered.

Figure 3-9: Outpatients per 100 population, 2017-19



4. Human Resource for Health (HRH)

In 2019:

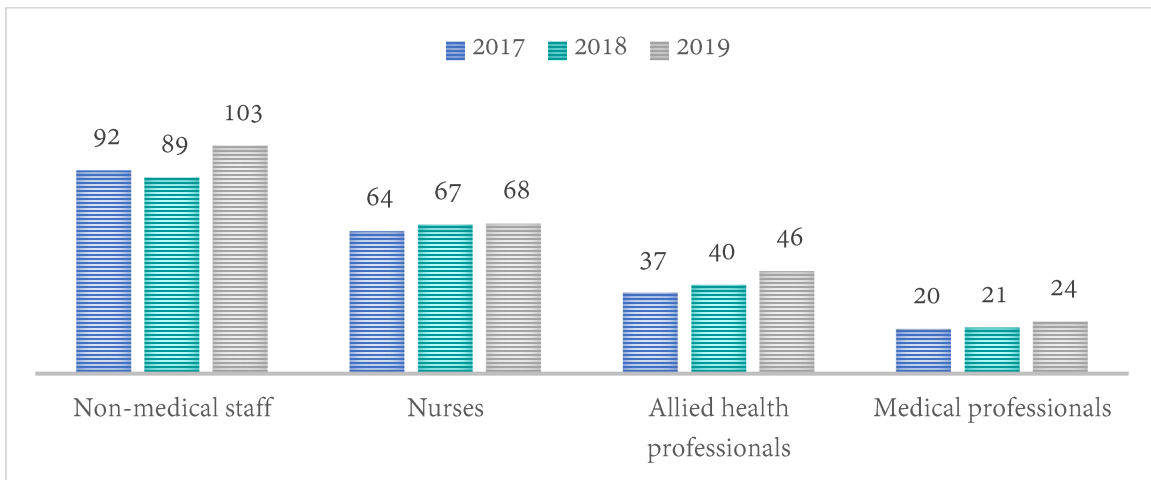
- 21 health professionals are there for every 1000 population
- 57% of health professionals reside in the atolls
- 72% of health professionals are Maldivians
- 65% of health professionals are women
- 43% are non-medical staff
 - 28% are in atolls, where 12% are males and 16% are females
 - 15 are in Male', where 7% are males and 8% are females
- 28% are nurses
 - 14% are in atolls, where 1% are males and 13% are females
 - 14% in Male', 2% are males and 12% are females
- 19% are allied health professionals
 - 11% in atolls, 4% are males and 7% are females
 - 8% in Male', 3% are males and 5% are females
- 10% are medical doctors
 - 4% in atolls, 4% are males and 1% re females
 - 5% in Male', 3% are males and 2% are females

4.1. Human Resource Status

Inadequate trained human resources are still a major concern in the health sector. A large expatriate workforce contributes to delivery of health services both in public and private sector. Large expatriate workforce presents difficulties in patient-doctor communication and interactions, especially at community level. It also means that there is a high staff turnover thus impacting on quality of services.

Number of health workers per 10,000 population by type of health worker: The number of health workers available in a country relative to the total population subset by type of health worker. Health workers are defined as all persons eligible to participate in the national health labor market by virtue of their training, accreditation and skills.

Figure 4-1: Health worker density (per 10,000 population) and distribution for 2017, 2018 and 2019



HRH distributions shows that professionals in the public health cadres such as community health, behavioral science and therapist are in short supply compared to medical cadres.

Table 4-1: Health Human Resources by different cadres per 10,000 population for Male' and Maldives, 2017-19⁸

All HRH	2017	2018	2019	Professionals of Behavioral Sciences	2017	2018	2019
Male'	275.3	297.9	365.3	Male'	1.4	1.7	2.5
Maldives	774.9	777.4	851.0	Maldives	1.8	2.2	3.4
Specialists Medical Professionals	2017	2018	2019	Clinical and Physical Therapists	2017	2018	2019
Male'	19.4	20.9	24.5	Male'	2.0	2.6	2.7
Maldives	30.1	31.9	36.6	Maldives	3.1	4.0	4.0
General Doctors	2017	2018	2019	Community Health Professionals	2017	2018	2019
Male'	16.6	17.3	21.7	Male'	1.6	1.9	4.4
Maldives	42.5	41.9	46.1	Maldives	45.6	40.8	40.5
Nurses	2017	2018	2019	Medical Laboratory Professionals	2017	2018	2019
Male'	97.9	116.8	119.0	Male'	13.9	13.8	16.7
Maldives	234.1	241.3	239.9	Maldives	28.9	27.6	32.6
Radiographers	2017	2018	2019	Pharmacy Professionals	2017	2018	2019
Male'	4.0	4.2	5.2	Male'	20.1	24.1	34.8
Maldives	7.2	7.1	7.8	Maldives	36.8	51.8	65.4
Dentists & dental support	2017	2018	2019	Non-medical staff	2017	2018	2019
Male'	5.5	5.5	5.7	Male'	92.8	89.1	128.1
Maldives	6.5	6.9	7.6	Maldives	334.0	317.8	364.1
Professionals of Traditional, alternative and complementary medicine					2017	2018	2019
Maldives (Atolls only)					4.3	4.3	3.1

⁸ A list of job titles, cadres and groups attached with the annex.

Figure 4-2: Health Human Resources per 1000 population per atoll, 2017-19

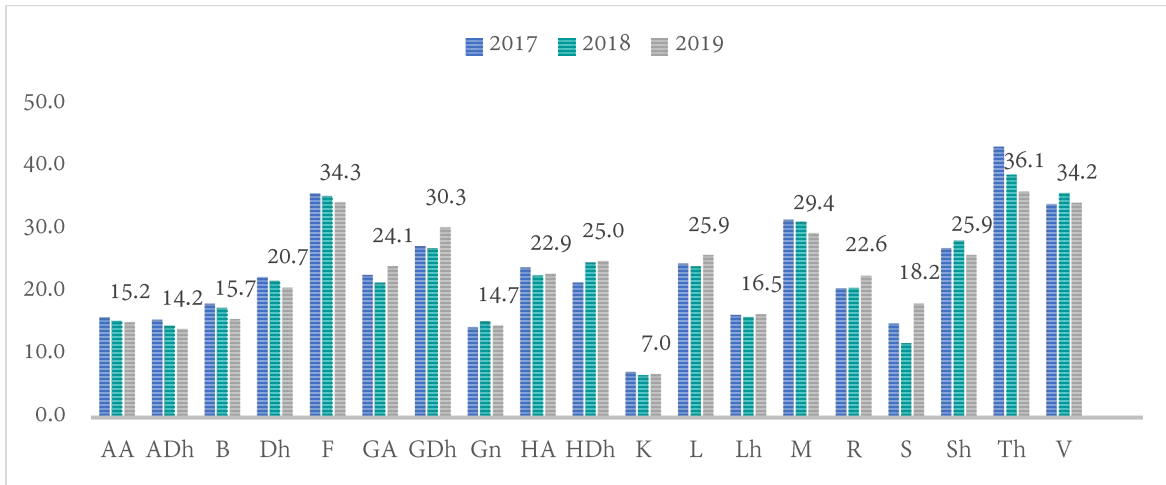


Figure 4-3: Specialists Medical Professionals per 1000 population per atoll, 2017-19

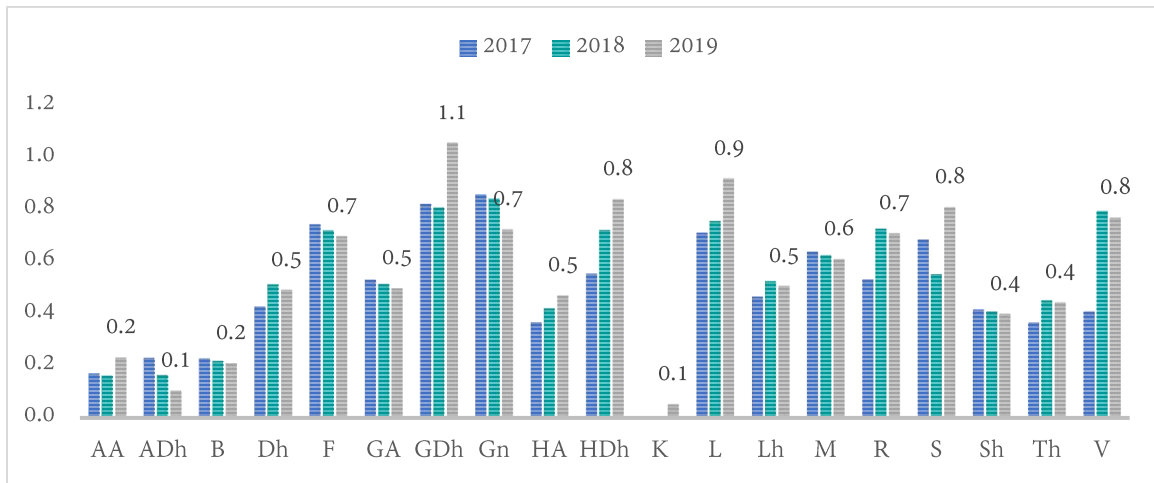


Figure 4-4: General Doctors per 1000 population per atoll, 2017-19

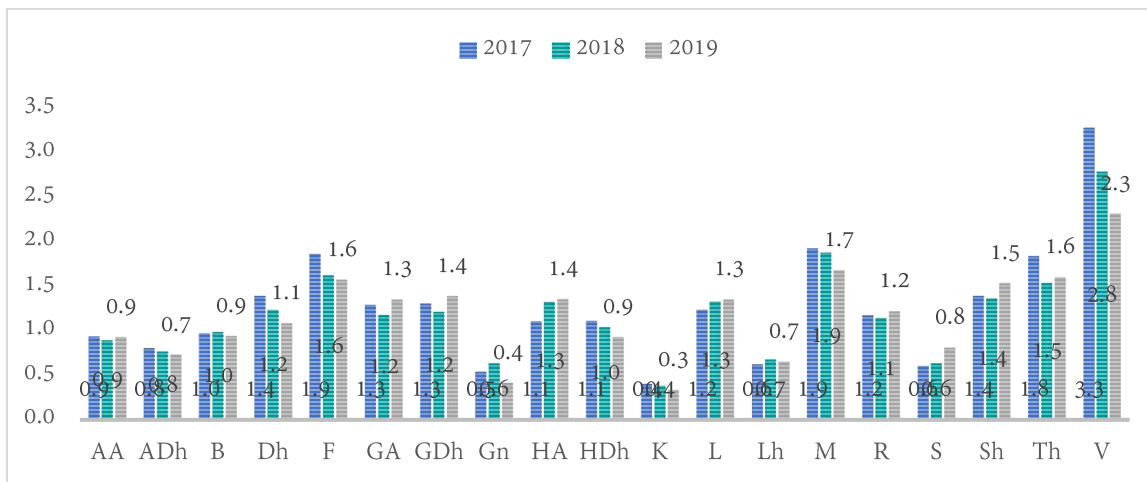


Figure 4-5: Nurses per 1000 population per atoll, 2017-19

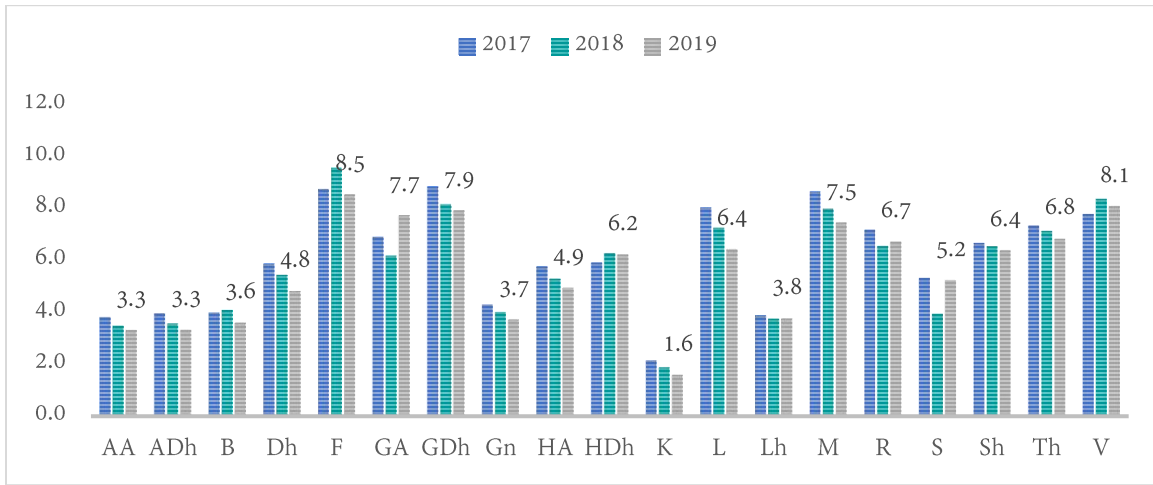


Figure 4-6: Community Health Professionals per 1000 population per atoll, 2017-19

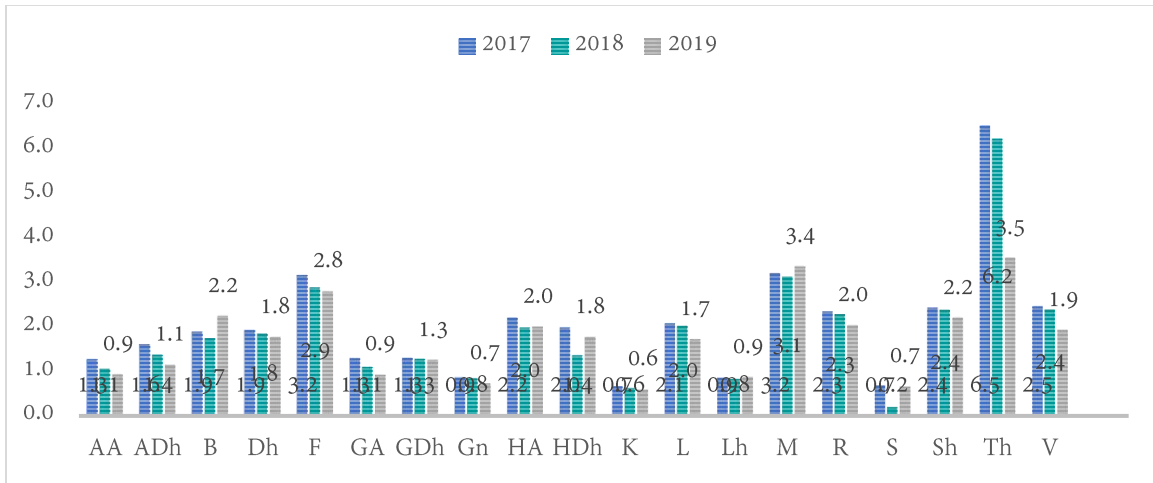
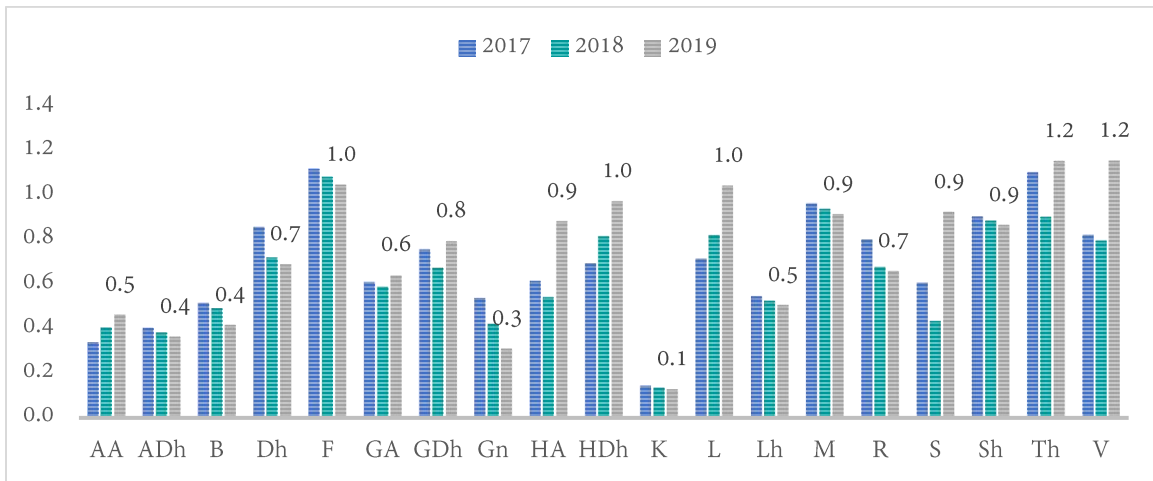


Figure 4-7: Medical Laboratory Professionals per 1000 population per atoll, 2017-19



5. Information, Research and Advocacy

The Health Master Plan 2016-2025 of Maldives has three strategic areas – Governance, Public health protection and Health care delivery. Health research finds mention in the strategic focus area of Health Care Delivery under section 3.3 - Enable timely surveillance of diseases, births, deaths, morbidity patterns as well as social determinant of health through an integrated health information systems and research. It has three strategies listed under it.

1. Identify Research Priorities and manage research to meet information needs for programming, planning and policy
2. Strengthen research management, ethics and publication of academic literature based on research
3. Build Capacity in the area of health information management and research

This shows a strong government commitment to promote health research in Maldives and resulted in many new initiatives. A research prioritization exercise was conducted recently with all stakeholders and priority areas of research for the duration 2017-2019 were identified. A data release policy has been framed which allows all stakeholders to access research data generated by Government of Maldives by applying for it. Further, the Ministry of Health publishes a health research bulletin yearly with abstracts from health researches.

Under health services act which came into force in 2015, a multi-disciplinary National Health Research Council exists, though it mainly serves as national ethics council.

Further, a Health research Policy was published in October 2017. The National Health Research Policy has five main objectives. These are to;

1. Establish a national health research agenda, which is updated periodically, through a consultative and transparent process.
2. Ensure that the research being conducted in the country meets the highest international standards by establishing effective mechanisms for its oversight
3. Increase availability of funds for health research by mobilizing internal and external financial resources
4. Promote research by strengthening individual and institutional capacity for health research, incentivizing research and building effective partnerships.
5. Promote the use of evidence in policy and program planning and evaluation by establishing appropriate mechanisms for dissemination of research results.

6. Annex

Table 6-1: Population table used in the calculations, 2017-2019

	2017		2018		2019	
Sex	Male	Female	Male	Female	Male	Female
All ages	243,597	184,367	254,612	188,271	266,433	192,274
0 year	4,111	3,755	4,119	3,765	4,134	3,779
1 year	4,108	3,748	4,121	3,760	4,138	3,776
2 year	4,059	3,729	4,082	3,751	4,094	3,762
3 year	3,705	3,374	4,079	3,698	4,106	3,715
4 year	3,708	3,358	3,676	3,381	4,048	3,705
1-4 years	15,581	14,209	15,959	14,590	16,387	14,959
5-9 years	19,056	17,501	19,134	17,460	19,083	17,163
10-14 years	14,395	13,586	15,429	14,540	16,483	15,556
15-19 years	15,825	13,534	15,572	13,095	15,697	12,940
20-24 years	30,575	17,017	32,159	16,562	33,725	16,094
25-29 years	38,035	20,559	40,367	20,483	42,872	20,188
30-34 years	29,642	19,922	31,747	20,664	33,456	21,287
35-39 years	20,399	14,955	22,015	16,005	23,823	17,081
40-44 years	14,614	11,378	15,338	11,750	16,292	12,289
45-49 years	11,748	10,197	12,012	10,360	12,434	10,555
50-54 years	8,702	8,183	9,099	8,512	9,590	8,946
55-59 years	7,404	7,115	7,539	7,332	7,550	7,373
60-64 years	4,585	4,201	5,105	4,784	5,719	5,494
65-69 years	2,717	2,622	2,838	2,643	3,004	2,728
70-74 years	2,135	2,197	2,101	2,143	2,072	2,135
75-79 years	2,032	1,879	1,951	1,906	1,897	1,915
80 years and above	2,041	1,557	2,129	1,678	2,216	1,792

Source: National Bureau of Statistics (NBS), 2019

Table 6-2: Atoll population table used in the calculations, 2017-2019

Location	Males			Females			Total		
	2017	2018	2019	2017	2018	2019	2017	2018	2019
Republic	243,597	254,612	266,433	184,367	188,271	192,274	427,964	442,883	458,706
Atolls	126,739	130,533	134,587	106,518	107,386	108,241	233,257	237,919	242,828
Male'	116,857	124,080	131,846	77,850	80,885	84,032	194,707	204,965	215,879
S	13,111	13,533	13,994	10,446	10,483	10,518	23,557	24,016	24,513
HDh	10,729	11,055	11,396	10,707	10,846	10,980	21,436	21,901	22,377
R	8,931	9,176	9,431	8,307	8,395	8,493	17,239	17,571	17,924
K	10,878	11,345	11,851	5,825	5,904	5,986	16,703	17,248	17,837
HA	7,276	7,442	7,616	7,384	7,428	7,467	14,660	14,870	15,083
L	7,734	7,964	8,209	6,240	6,299	6,360	13,974	14,263	14,569
GDh	7,904	8,102	8,319	5,916	5,916	5,912	13,819	14,018	14,231
Sh	6,610	6,771	6,939	7,001	7,078	7,160	13,612	13,849	14,099
N	6,297	6,486	6,689	6,048	6,111	6,172	12,345	12,597	12,861
ADh	6,155	6,421	6,703	4,435	4,509	4,581	10,590	10,931	11,284
Th	5,777	5,916	6,066	4,701	4,712	4,716	10,478	10,627	10,782
B	5,653	5,795	5,951	4,763	4,779	4,793	10,416	10,574	10,744
GA	6,019	6,179	6,357	4,119	4,119	4,112	10,138	10,298	10,470
GN	4,742	4,884	5,033	4,558	4,599	4,635	9,300	9,483	9,669
Lh	4,601	4,707	4,819	4,395	4,415	4,433	8,996	9,122	9,252
AA	4,100	4,238	4,381	3,181	3,226	3,271	7,281	7,464	7,652
Dh	3,575	3,690	3,813	2,849	2,868	2,891	6,424	6,559	6,703
M	2,880	2,944	3,010	2,519	2,530	2,542	5,399	5,474	5,552
F	2,518	2,601	2,686	2,350	2,394	2,441	4,868	4,995	5,127
V	1,251	1,283	1,324	772	775	777	2,023	2,058	2,101

Source: National Bureau of Statistics (NBS), 2019

Table 6-3: Details of health facilities whose data is included in the Health Profile, 2019

#	Atoll	Island	Name of Facility	Category
1	AA	Rasdho	Alifu Atholhu Hospital	Atoll Hospital
2	AA	Bodufolhudhoo	Alifu Bodufolhudhoo Sih'h'ee Marukazu	Health Center
3	AA	Feridhoo	Alifu Alifu Feridhoo Sih'h'ee Marukazu	Health Center
4	AA	Himandhoo	Alifu Alifu Himandhoo Sih'h'ee Marukazu	Health Center
5	AA	Maalhos	Alifu Alifu Maalhos Sih'h'ee Marukazu	Health Center
6	AA	Mathiveri	Alifu Alifu Mathiveri Sih'h'ee Marukazu	Health Center
7	AA	Thoddoo	Alifu Alifu Thoddoo Sih'h'ee Marukazu	Health Center
8	AA	Ukulhas	Alifu Alifu Ukulhas Sih'h'ee Marukazu	Health Center
9	ADh	Mahibadhoo	Alifu Dhaalu Atholhu Hospital	Atoll Hospital
10	ADh	Dhangethi	Alifu Dhaalu Dhan'gethi Sih'h'ee Marukazu	Health Center
11	ADh	Dhidhoo	Alifu Dhaalu Dhidhdhoo Sih'h'ee Marukazu	Health Center
12	ADh	Dhigurah	Alifu Dhaalu Dhigurah Sih'h'ee Marukazu	Health Center
13	ADh	Fenfushi	Alifu Dhaalu Fenfushi Sih'h'ee Marukazu	Health Center
14	ADh	Hangnaameedhoo	Alifu Dhaalu Hang'naameedhoo Sih'h'ee Marukazu	Health Center
15	ADh	Kunburudhoo	Alifu Dhaalu Kun'burudhoo Sih'h'ee Marukazu	Health Center
16	ADh	Maamigili	Alifu Dhaalu Maamigili Sih'h'ee Marukazu	Health Center
17	ADh	Mandhoo	Alifu Dhaalu Mandhoo Sih'h'ee Marukazu	Health Center
18	ADh	Omadhoo	Alifu Dhaalu Omadhoo Sih'h'ee Marukazu	Health Center
19	B	Eydhafushi	Baa Atholhu Hospital	Atoll Hospital
20	B	Dharavandhoo	Baa Dharavandhoo Sih'h'ee Marukazu	Health Center
21	B	Dhonfanu	Baa Dhonfanu Sih'h'ee Marukazu	Health Center
22	B	Fehendhoo	Baa Fehendhoo Sih'h'ee Marukazu	Health Center
23	B	Fulhadhoo	Baa Fulhadhoo Sih'h'ee Marukazu	Health Center
24	B	Goidhoo	Baa Goidhoo Sih'h'ee Marukazu	Health Center
25	B	Hithaadhoo	Baa Hithaadhoo Sih'h'ee Marukazu	Health Center
26	B	Kamadhoo	Baa Kamadhoo Sih'h'ee Marukazu	Health Center
27	B	Kendhoo	Baa Kendhoo Sih'h'ee Marukazu	Health Center
28	B	Kihaadhoo	Baa Kihaadhoo Sih'h'ee Marukazu	Health Center
29	B	Kudarikilu	Baa Kudarikilu Sih'h'ee Marukazu	Health Center
30	B	Maalhohu	Baa Maalhohu Sih'h'ee Marukazu	Health Center
31	B	Thulhaadhoo	Baa Thulhaadhoo Sih'h'ee Marukazu	Health Center
32	Dh	Kudahuvadhoo	Dhaalu Atholhu Hospital	Atoll Hospital
33	Dh	Bandidhoo	Dhaalu Ban'didhoo Sih'h'ee Marukazu	Health Center
34	Dh	Hulhudhelli	Dhaalu Hulhudhelli Sih'h'ee Marukazu	Health Center

#	Atoll	Island	Name of Facility	Category
35	Dh	Maaenboodhoo	Dhaalu Maaen'boodhoo Sih'h'ee Marukazu	Health Center
36	Dh	Meedhoo	Dhaalu Meedhoo Sih'h'ee Marukazu	Health Center
37	Dh	Rinbudhoo	Dhaalu Rin'budhoo Sih'h'ee Marukazu	Health Center
38	F	Nilandhoo	Faafu Atholhu Hospital	Atoll Hospital
39	F	Bilehdhoo	Faafu Bilehdhoo Sih'h'ee Marukazu	Health Center
40	F	Dharanboodhoo	Faafu Dharan'boodhoo Sih'h'ee Marukazu	Health Center
41	F	Feeali	Faafu Feeali Sih'h'ee Marukazu	Health Center
42	F	Magoodhoo	Faafu Magoodhoo Sih'h'ee Marukazu	Health Center
43	GA	Villingili	Gaafu Alifu Atholhu Hospital	Atoll Hospital
44	GA	Dhaandhoo	Gaafu Alifu Dhaandhoo Sih'h'ee Marukazu	Health Center
45	GA	Dheevadhoo	Gaafu Alifu Dheevadhoo Sih'h'ee Marukazu	Health Center
46	GA	Gemanafushi	Gaafu Alifu Gemanafushi Sih'h'ee Marukazu	Health Center
47	GA	Kanduhulhudhoo	Gaafu Alifu Kan'duhulhudhoo Sih'h'ee Marukazu	Health Center
48	GA	Kolamaafushi	Gaafu Alifu Kolamaafushi Sih'h'ee Marukazu	Health Center
49	GA	Kondey	Gaafu Alifu Kon'dey Sih'h'ee Marukazu	Health Center
50	GA	Maamendhoo	Gaafu Alifu Maamendhoo Sih'h'ee Marukazu	Health Center
51	GA	Nilandhoo	Gaafu Alifu Nilandhoo Sih'h'ee Marukazu	Health Center
52	GDh	Thinadhoo	Dr. Abdul Samad Memorial Hospital	Regional Hospital
53	GDh	Fares-Maathodaa	Gaafu Dhaalu Fares Maathodaa Sih'h'ee Marukazu	Health Center
54	GDh	Fiyoari	Gaafu Dhaalu Fiyoari Sih'h'ee Marukazu	Health Center
55	GDh	Gadhdhoo	Gaafu Dhaalu Gadhdhoo Sih'h'ee Marukazu	Health Center
56	GDh	Hoadedhdhoo	Gaafu Dhaalu Hoadedhdhoo Sih'h'ee Marukazu	Health Center
57	GDh	Madaveli	Gaafu Dhaalu Madaveli Sih'h'ee Marukazu	Health Center
58	GDh	Nadellaa	Gaafu Dhaalu Nadellaa Sih'h'ee Marukazu	Health Center
59	GDh	Rathafandhoo	Gaafu Dhaalu Rathafandhoo Sih'h'ee Marukazu	Health Center
60	GDh	Vaadhoo	Gaafu Dhaalu Vaadhoo Sih'h'ee Marukazu	Health Center
61	Gn	Fuvahmulah	Gnaviyani Atholhu Hospital	Atoll Hospital
62	HA	Dhidhoo	Haa Alifu Atholhu Hospital	Atoll Hospital
63	HA	Baarah	Haa Alifu Baarashu Sih'h'ee Marukazu	Health Center
64	HA	Filladhoo	Haa Alifu Filladhoo Sih'h'ee Marukazu	Health Center
65	HA	Hoarafushi	Haa Alifu Hoarafushee Sih'h'ee Marukazu	Health Center
66	HA	Ihavandhoo	Haa Alifu Ihavandhoo Sih'h'ee Marukazu	Health Center
67	HA	Kelaa	Haa Alifu Kelaa Sih'h'ee Marukazu	Health Center
68	HA	Maarandhoo	Haa Alifu Maarandhoo Sih'h'ee Marukazu	Health Center
69	HA	Molhadhoo	Haa Alifu Molhadhoo Sih'h'ee Marukazu	Health Center

#	Atoll	Island	Name of Facility	Category
70	HA	Muraidhoo	Haa Alifu Muraidhoo Sih'h'ee Marukazu	Health Center
71	HA	Thakandhoo	Haa Alifu Thakandhoo Sih'h'ee Marukazu	Health Center
72	HA	Thuraakunu	Haa Alifu Thuraakunu Sih'h'ee Marukazu	Health Center
73	HA	Uligamu	Haa Alifu Uligamu Sih'h'ee Marukazu	Health Center
74	HA	Utheemu	Haa Alifu Utheemu Sih'h'ee Marukazu	Health Center
75	HA	Vashafaru	Haa Alifu Vashafaru Sih'h'ee Marukazu	Health Center
76	HDh	Finey	Haa Dhaalu Finey Sih'h'ee Marukazu	Health Center
77	HDh	Hirimaradhoo	Haa Dhaalu Hirimaradhoo Sih'h'ee Marukazu	Health Center
78	HDh	Kulhuduffushi	Haa Dhaalu Kulhuduffushi Regional Hospital	Regional Hospital
79	HDh	Kumundhoo	Haa Dhaalu Kumundhoo Sih'h'ee Marukazu	Health Center
80	HDh	Kurinbee	Haa Dhaalu Kurin'bee Sih'h'ee Marukazu	Health Center
81	HDh	Makunudhoo	Haa Dhaalu Makunudhoo Sih'h'ee Marukazu	Health Center
82	HDh	Naavaidhoo	Haa Dhaalu Naavaidhoo Sih'h'ee Marukazu	Health Center
83	HDh	Nellaidhoo	Haa Dhaalu Nellaidhoo Sih'h'ee Marukazu	Health Center
84	HDh	Neykurendhoo	Haa Dhaalu Neykurendhoo Sih'h'ee Marukazu	Health Center
85	HDh	Nolhivaramu	Haa Dhaalu Nolhivaramu Sih'h'ee Marukazu	Health Center
86	HDh	Nolhivaranfaru	Haa Dhaalu Nolhivaranfaru Sih'h'ee Marukazu	Health Center
87	HDh	Vaikaradhoo	Haa Dhaalu Vaikaradhoo Sih'h'ee Marukazu	Health Center
88	HDh	Hanimaadhoo	Haa Dhaalu Hanimaadhoo Sih'h'ee Marukazu	Health Center
89	K	Dhiffushi	Kaafu Dhiffushi Sih'h'ee Marukazu	Health Center
90	K	Gaafaru	Kaafu Gaafaru Sih'h'ee Marukazu	Health Center
91	K	Gulhi	Kaafu Gulhi Sih'h'ee Marukazu	Health Center
92	K	Guraidhoo	Kaafu Guraidhoo Sih'h'ee Marukazu	Health Center
93	K	Hinmafushi	Kaafu Hinmafushi Sih'h'ee Marukazu	Health Center
94	K	Huraa	Kaafu Huraa Sih'h'ee Marukazu	Health Center
95	K	Kaashidhoo	Kaafu Kaashidhoo Sih'h'ee Marukazu	Health Center
96	K	Maafushi	Kaafu Maafushee Sih'h'ee Marukazu	Health Center
97	K	Thulusdhoo	Kaafu Thulusdhoo Sih'h'ee Marukazu	Health Center
98	L	Dhanbidhoo	Laamu Dhan'bidhoo Sih'h'ee Marukazu	Health Center
99	L	Fonadhoo	Laamu Fonadhoo Sih'h'ee Marukazu	Health Center
100	L	Gan	Laamu Gan Regional Hospital	Regional Hospital
101	L	Hithadhoo	Laamu Hithadhoo Sih'h'ee Marukazu	Health Center
102	L	Isdhoo	Laamu Isdhoo Sih'h'ee Marukazu	Health Center
103	L	Kunahandhoo	Laamu Kunahandhoo Sih'h'ee Marukazu	Health Center
104	L	Maabaidhoo	Laamu Maabaidhoo Sih'h'ee Marukazu	Health Center

#	Atoll	Island	Name of Facility	Category
105	L	Maamendhoo	Laamu Maamendhoo Sih'h'ee Marukazu	Health Center
106	L	Maavah	Laamu Maavah Sih'h'ee Marukazu	Health Center
107	L	Mundoo	Laamu Mundoo Sih'h'ee Marukazu	Health Center
108	Lh	Naifaru	Lhaviyani Atholhu Hospital	Atoll Hospital
109	Lh	Hinnavaru	Lhaviyani Hinnavaru Sih'h'ee Marukazu	Health Center
110	Lh	Kurendhoo	Lhaviyani Kurendhoo Sih'h'ee Marukazu	Health Center
111	Lh	Olhuvelifushi	Lhaviyani Olhuvelifushee Sih'h'ee Marukazu	Health Center
112	M	Dhiggaru	Meemu Dhiggaru Sih'h'ee Marukazu	Health Center
113	M	Kolhufushi	Meemu Kolhufushee Sih'h'ee Marukazu	Health Center
114	M	Maduvvari	Meemu Maduvvari Sih'h'ee Marukazu	Health Center
115	M	Mulah	Meemu Mulah Sih'h'ee Marukazu	Health Center
116	M	Muli	Meemu Mulee Regional Hospital	Regional Hospital
117	M	Naalaafushi	Meemu Naalaafushi Sih'h'ee Marukazu	Health Center
118	M	Raiymandhoo	Meemu Raiymandhoo Sih'h'ee Marukazu	Health Center
119	M	Veyvah	Meemu Veyvah Sih'h'ee Marukazu	Health Center
120	Male'	Greater Male'	ADK Hospital	Tertiary Hospital
121	Male'	Greater Male'	Hulhumale' Hospital	Hospital
122	Male'	Greater Male'	Indhira Gandhi Memorial Hospital	Tertiary Hospital
123	Male'	Greater Male'	Medica Hospital	Hospital
124	Male'	Greater Male'	Senahiya	Hospital
125	Male'	Greater Male'	Treetop Hospital	Tertiary Hospital
126	Male'	Greater Male'	Villimale Hospital	Hospital
127	N	Manadhoo	Noonu Atholhu Hospital	Atoll Hospital
128	N	Fodhdhoo	Noonu Fodhdhoo Sih'h'ee Marukazu	Health Center
129	N	Henbadhoo	Noonu Hen'badhoo Sih'h'ee Marukazu	Health Center
130	N	Holhudhoo	Noonu Holhudhoo Sih'h'ee Marukazu	Health Center
131	N	Kendhikulhudhoo	Noonu Ken'dhikulhudhoo Sih'h'ee Marukazu	Health Center
132	N	Kudafari	Noonu Kudafari Sih'h'ee Marukazu	Health Center
133	N	Landhoo	Noonu Landhoo Sih'h'ee Marukazu	Health Center
134	N	Lhohi	Noonu Lhohi Sih'h'ee Marukazu	Health Center
135	N	Maafaru	Noonu Maafaru Sih'h'ee Marukazu	Health Center
136	N	Maalhendhoo	Noonu Maalhendhoo Sih'h'ee Marukazu	Health Center
137	N	Magoodhoo	Noonu Magoodhoo Sih'h'ee Marukazu	Health Center
138	N	Miladhoo	Noonu Miladhoo Sih'h'ee Marukazu	Health Center
139	N	Velidhoo	Noonu Velidhoo Sih'h'ee Marukazu	Health Center

#	Atoll	Island	Name of Facility	Category
140	R	Alifiushi	Raa Alifiushi Sih'h'ee Marukazu	Health Center
141	R	Angolhitheemu	Raa An'golhitheemu Sih'h'ee Marukazu	Health Center
142	R	Dhuvaafaru	Raa Dhuvaafaru Sih'h'ee Marukazu	Health Center
143	R	Fainu	Raa Fainu Sih'h'ee Marukazu	Health Center
144	R	Hulhuduffaaruu	Raa Hulhuduffaaruu Sih'h'ee Marukazu	Health Center
145	R	Inguraidhoo	Raa In'guraidhoo Sih'h'ee Marukazu	Health Center
146	R	Innamaadhoo	Raa Innamaadhoo Sih'h'ee Marukazu	Health Center
147	R	Kinolhas	Raa Kinolhahu Sih'h'ee Marukazu	Health Center
148	R	Maakurathu	Raa Maakurathu Sih'h'ee Marukazu	Health Center
149	R	Maduvvari	Raa Maduvvari Sih'h'ee Marukazu	Health Center
150	R	Meedhoo	Raa Meedhoo Sih'h'ee Marukazu	Health Center
151	R	Rasgetheemu	Raa Rasgetheemu Sih'h'ee Marukazu	Health Center
152	R	Rasmaadhoo	Raa Rasmaadhoo Sih'h'ee Marukazu	Health Center
153	R	Ungoofaaruu	Raa Un'goofaaruu Regional Hospital	Regional Hospital
154	R	Vaadhoo	Raa Vaadhoo Sih'h'ee Marukazu	Health Center
155	S	Hithadhoo	IMDC	Hospital
156	S	Feydhoo	Seenu Feydhoo Sih'h'ee Marukazu	Health Center
157	S	Hithadhoo	Seenu Hithadhoo Regional Hospital	Regional Hospital
158	S	Hulhumeedhoo	Seenu Hulhumeedhoo Sih'h'ee Marukazu	Health Center
159	S	Maradhoo	Seenu Maradhoo Sih'h'ee Marukazu	Health Center
160	Sh	Funadhoo	Shaviyani Atholhu Hospital	Atoll Hospital
161	Sh	Bileiyfahi	Shaviyani Bileiyfahi Sih'h'ee Marukazu	Health Center
162	Sh	Feevah	Shaviyani Feevaku Sih'h'ee Marukazu	Health Center
163	Sh	Feydhoo	Shaviyani Feydhoo Sih'h'ee Marukazu	Health Center
164	Sh	Foakaidhoo	Shaviyani Foakaidhoo Sih'h'ee Marukazu	Health Center
165	Sh	Goidhoo	Shaviyani Goidhoo Sih'h'ee Marukazu	Health Center
166	Sh	Kanditheemu	Shaviyani Kan'ditheemu Sih'h'ee Marukazu	Health Center
167	Sh	Komandoo	Shaviyani Komandoo Sih'h'ee Marukazu	Health Center
168	Sh	Lhaimagu	Shaviyani Lhaimagu Sih'h'ee Marukazu	Health Center
169	Sh	Maaungoodhoo	Shaviyani Maaun'goodhoo Sih'h'ee Marukazu	Health Center
170	Sh	Maroshi	Shaviyani Maroshi Sih'h'ee Marukazu	Health Center
171	Sh	Milandhoo	Shaviyani Milandhoo Sih'h'ee Marukazu	Health Center
172	Sh	Narudhoo	Shaviyani Narudhoo Sih'h'ee Marukazu	Health Center
173	Sh	Noomaraa	Shaviyani Noomaraa Sih'h'ee Marukazu	Health Center
174	Th	Veymadoo	Thaa Atholhu Hospital	Atoll Hospital

#	Atoll	Island	Name of Facility	Category
175	Th	Buruni	Thaa Burunee Sih'h'ee Marukazu	Health Center
176	Th	Dhiyamigili	Thaa Dhiyamigili Sih'h'ee Marukazu	Health Center
177	Th	Gaadhiffushi	Thaa Gaadhiffushi Sih'h'ee Marukazu	Health Center
178	Th	Guraidhoo	Thaa Guraidhoo Sih'h'ee Marukazu	Health Center
179	Th	Hirilandhoo	Thaa Hirilandhoo Sih'h'ee Marukazu	Health Center
180	Th	Kandoodhoo	Thaa Kan'doodhoo Sih'h'ee Marukazu	Health Center
181	Th	Kinbidhoo	Thaa Kin'bidhoo Sih'h'ee Marukazu	Health Center
182	Th	Madifushi	Thaa Madifushi Sih'h'ee Marukazu	Health Center
183	Th	Omadhoo	Thaa Omadhoo Sih'h'ee Marukazu	Health Center
184	Th	Thimarafushi	Thaa Thimarafushi Sih'h'ee Marukazu	Health Center
185	Th	Vandhoo	Thaa Vandhoo Sih'h'ee Marukazu	Health Center
186	Th	Vilufushi	Thaa Vilufushee Sih'h'ee Marukazu	Health Center
187	V	Felidhoo	Vaavu Atholhu Hospital	Atoll Hospital
188	V	Fulidhoo	Vaavu Fulidhoo Sih'h'ee Marukazu	Health Center
189	V	Keyodhoo	Vaavu Keyodhoo Sih'h'ee Marukazu	Health Center
190	V	Rakeedhoo	Vaavu Rakeedhoo Sih'h'ee Marukazu	Health Center
191	V	Thinadhoo	Vaavu Thinadhoo Sih'h'ee Marukazu	Health Center

Table 6-4: Grouping of Human Resources used in the Calculation of Health Profile, 2019

#	Title	Cadre	Grouped
1	Physiotherapists	Clinical and Physical Therapists	Allied health professionals
2	Community Health Workers	Community health professionals	Allied health professionals
3	Environmental and Public Health Workers	Community health professionals	Allied health professionals
4	Family Health Workers	Community health professionals	Allied health professionals
5	Other Health Workers	Community health professionals	Allied health professionals
6	Personal Care Workers	Community health professionals	Allied health professionals
7	Dental Technicians/Assistants	Dentists & dental support	Allied health professionals
8	Dentists	Dentists & dental support	Allied health professionals
9	Laboratory Scientists	Medical Laboratory Professionals	Allied health professionals
10	Laboratory Technicians/Assistants	Medical Laboratory Professionals	Allied health professionals
11	Pharmaceutical Technicians/Assistants	Pharmacy professionals	Allied health professionals
12	Pharmacists	Pharmacy professionals	Allied health professionals
13	Counsellors	Professionals of Behavioral Sciences	Allied health professionals
14	Psychiatrists	Professionals of Behavioral Sciences	Allied health professionals
15	Social Workers	Professionals of Behavioral Sciences	Allied health professionals
16	Speech Pathologists	Professionals of Behavioral Sciences	Allied health professionals

17	Traditional Medicine Practitioners	Traditional/alternative/complementary practitioners/therapist	Allied health professionals
18	Radiographers	Radiographers	Allied health professionals
19	General Medicine	General Doctors	Medical professionals
20	General Doctors	General Doctors	Medical professionals
21	Anesthesiology	Specialists Medical Professionals	Medical professionals
22	Cardiologists	Specialists Medical Professionals	Medical professionals
23	Dermatologists	Specialists Medical Professionals	Medical professionals
24	ENT Doctors (Otorhinolaryngologists)	Specialists Medical Professionals	Medical professionals
25	Internal medicine (Physicians)	Specialists Medical Professionals	Medical professionals
26	Nephrologist	Specialists Medical Professionals	Medical professionals
27	Neurology	Specialists Medical Professionals	Medical professionals
28	Neurosurgeons/Neurologists	Specialists Medical Professionals	Medical professionals
29	Obstetricians and Gynecologists	Specialists Medical Professionals	Medical professionals
30	Onco Surgery	Specialists Medical Professionals	Medical professionals
31	Oncologists	Specialists Medical Professionals	Medical professionals
32	Ophthalmologists	Specialists Medical Professionals	Medical professionals
33	Oral & Maxillo Facial Surgery	Specialists Medical Professionals	Medical professionals
34	Orthodontist	Specialists Medical Professionals	Medical professionals
35	Orthopedic Doctors	Specialists Medical Professionals	Medical professionals
36	Pathologist	Specialists Medical Professionals	Medical professionals
37	Pediatric Cardiology	Specialists Medical Professionals	Medical professionals
38	Pediatricians	Specialists Medical Professionals	Medical professionals
39	Pulmonologists	Specialists Medical Professionals	Medical professionals
40	Radiologist	Specialists Medical Professionals	Medical professionals
41	Surgeons	Specialists Medical Professionals	Medical professionals
42	Urologists	Specialists Medical Professionals	Medical professionals
43	Admin & Support Staff	Non-medical staff	Non-medical staff
44	Health Management	Non-medical staff	Non-medical staff
45	Medical Assistants	Non-medical staff	Non-medical staff
46	Enrolled Nurse	Associate nurses	Nurses
47	Enrolled Nurse Midwife	Associate nurses	Nurses
48	Nurse interns	Associate nurses	Nurses
49	Registered Nurse	Professional nurses	Nurses
50	Registered Nurse Midwife	Professional nurses	Nurses
51	Traditional birth attendants (Foolhumain)	No more a professional cadre	



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