



Nevis Island Administration Ministry of Health



Statistical Report 2023

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Acknowledgement

Health Information enables managers to monitor and evaluate health care programs, services, and policies. It also enables decision makers to make maximum use of scarce resources, be it human, financial, or otherwise in the implementation of interventions. It is therefore paramount that crucial health information be accessible and disseminated promptly to facilitate decision making.

We at the Health Promotion Unit are proud to present the Ministry of Health Statistical Report for 2023. The staff at the Health Promotion Unit is extremely grateful to all those who have contributed to its completion and production. Your continued cooperation and support have helped us to provide a more detailed and invaluable report. Once used as intended, it can play a key role in the reduction of morbidity and premature mortality on the island of Nevis.

Preface

The island of Nevis is divided into two Health Districts but within these districts there are five parishes. Health care services are accessible to all six Health Centres, which are strategically located throughout the island. The Alexandra Hospital, a 45-bed facility is the only hospital on the island and it offers a wide range of services in surgery, medicine, obstetrics, pediatrics, emergency, along with other support services. The island's health care facilities are staffed by a cadre of qualified healthcare professionals.

Population Estimate

The estimated mid-year population of Nevis for the year 2023 was 13,030. The population of Nevis is described as a relatively young population.

Births

During the year 2023 there was a total of ninety - eight (98) births forty –six (46) males and fifty-two (52) females as compared to **One hundred and five** in 2022. The crude live birth rate stands at 7.5 compared to 8.1 in 2022. Of these 98 births, zero (0) still birth was recorded the same as 2022. Teenage births as a percentage of total births decreased to 5.1% compared to 8.6% in 2022.

Deaths

There were 104 (58M/46F) registered deaths in 2023 compared to 114 (61M/53F) in 2022. There was a decrease in the crude death rate of 8 per 1,000 population as compared 8.8 per 1,000 population for 2022.

Morbidity

The leading causes of hospitalization were Hypertension and Diabetes. The number of Diabetic and Hypertensive patients registered at health centres now stands at 485 and 572 respectively. Of those figures 22 were newly diagnosed cases of Diabetes and 49 Hypertension. There were also (12) diagnosed cases of cancers on the island. There were three (3) confirmed case of HIV/AIDS reported. Of the communicable diseases reported, Dengue Fever, Undifferentiated Fever and Gastroenteritis were the most common.

Intentional and unintentional injuries are other indicators of concern. There were eleven (11) cases of domestic violence, eighty-nine (89) cases of physical assault, seven (7) case of gunshot injuries, five (5) cases of sexual assault, nine (9) suicidal attempt and one hundred and sixty-seven (167) cases of motor vehicular accidents seen at the Alexandra Hospital Out Patient Department.

The status of health is determined by three (3) fundamental factors, namely, genetics (predisposition), the environment in which we live and our life choices. The onus is therefore on individuals to take good care of themselves and work towards a healthier and more productive nation.

Section A

- Summary of Vital Statistics
 - Registered Births
 - Registered Deaths
 - Registered Marriages

Summary Of Vital Statistics Nevis- 2023

Health Indicators	2022	2023
Estimated Population	12,965	13,030
Total Births	105	98
Total Live Births	105	98
Crude Birth Rate	8.1	7.5
Crude Live Birth Rate	8.1	7.5
Total Twin	0	2
Total Triplet	0	0
Total Teenage Births	9	5
Total Teenage Live Births	9	5
Teenage Birth Rate per 100 Births	8.6	5.1
Teenage Live Birth Rate per 100 Live Births	8.6	5.1
Total Deaths	114	104
Crude Death Rate per 1000 Population	8.8	8
Total Still Births	0	0
Still Birth Rate per 1000 Births	-	-
Infant Mortality	0	1
Infant Mortality Rate per 1000 Live Births	-	10.2
Post neonatal	0	1
Post neonatal Mortality Rate per Live Births	-	10.2
Neonatal Deaths	0	0
Neonatal Death Rate per 1000 Live Births	-	-
Deaths in children 1-4 years	1	0
Under 5 Mortality	1	1
Under 5 Mortality Rate	9.5	10.2
Maternal Death	0	0
Maternal Death Rate per 100 000 Live Births	-	-
Natural Decrease/Increase	-9	-6
Natural Decrease/Increase Rate per 1000 population	-0.7	-0.5
Perinatal Deaths	0	0
Perinatal Death Rate	-	-
Marriages	89	67
Crude Marriage Rate per 1000 Population	7	5.1
Low Birth Weight	17	-
Low Birth Weight Rate	16.2	-

Table 1

*NB: Rates based on Projected Population estimates from Stat/Planning Unit SKB.

*NB: Figures are subject to change.

Monthly Births in Nevis

Year: 2023

QUARTER	MONTH	GENDER		TOTAL	MARITAL STATUS (Mothers)				
		M	F		Single	Married	Separated	Divorced	Widowed
1st	Jan	3	3	6	6	0	0	0	0
	Feb	2	5	7	5	2	0	0	0
	Mar	5	4	9	6	3	0	0	0
2nd	Apr	3	4	7	6	0	0	1	0
	May	4	1	5	5	0	0	0	0
	Jun	2	5	7	6	1	0	0	0
3rd	Jul	4	6	10	5	4	0	0	0
	Aug	2	4	6	4	2	0	0	0
	Sep	3	5	8	5	2	1	0	0
4th	Oct	5	5	10	9	1	0	0	0
	Nov	7	6	13	10	2	0	0	0
	Dec	6	4	10	8	2	0	0	0
Total		46	52	98	75	19	1	1	0

Table 2

Previous	Live Births	Still Births	Neonatal Deaths	Total Births
Year 2022:	105	0	0	105

NEVIS - ALEXANDRA HOSPITAL								
TEENAGE BIRTHS - 2023								
	AGE							
12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	TOTAL
1	0	0	1	2	0	3	3	10

Table 3

2022 Teenage Deliveries - 9

ALEXANDRA HOSPITAL

Maternity Ward Breakdown of Cases 2023

<u>DETAILS</u>	<u>TOTAL</u>
Total No. of Cases/Admissions	147
Total No. of Live Births	98
Total No. of Still Births	0
Total No. of Normal Deliveries	56
Total No. of Caesarean Sections	39
Total No. of Asst. Forcep Deliveries	1
Total No. of Breech Presentations	2
Total No. of Breech Deliveries	1
Total No. of Female Babies	52
Total No. of Male Babies	46
Total No. of APH	0
Total No. of PPH	4
Total No. of Married Women	19
Total No. of Single Women	75
Total No. of Divorced Women	1
Total No. of Sep/Widowed Women	1
Total No. of BTL	8
Total No. of Twins	2
Total No. of PET	8
Total No. of Eclampsia	0
Total No. of Episiotomies	11
Total No. Lacerations	31
Total No. of Abnormalities	3
Total No. of Mature Babies	90
Total No. of Premature Babies	7
Total No. of Post Mature Babies	1
Total No. of MIL	3
Total No. of Syn. Aug.	16
Total No. of Neonatal Deaths	0
Total No. of BBA	0
Total No. of Un-booked Cases	3
Total No. of Dysmature Babies	0
Total No. of Non-Nationals	35
Abortions	12
Antenatal	34
Hypertension	0
Gestational Diabetes	1
HIV Testing	69
RPR Testing	87
Maternal Death	0
Transfers	0

Table 4

Registered Deaths in Nevis by Parishes -- 2023

Parish	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter		Parish Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	
St. George	1	0	2	0	3	0	0	1	6	1	7
St. James	0	1	0	1	0	3	0	2	0	7	7
St. John	0	2	1	1	2	3	2	0	5	6	11
St. Paul	14	5	5	11	13	6	13	8	45	30	75
St. Thomas	0	1	0	1	0	0	2	0	2	2	4
Quarterly Total	15	9	8	14	18	12	17	11	58	46	104

Table 5

Registered Deaths by Age Range

Island: Nevis

Year: 2023

Age Groups	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Total		Grand Total
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
- 1day	0	0	0	0	0	0	0	0	0	0	0
1 - 6 days	0	0	0	0	0	0	0	0	0	0	0
7 - 27 days	0	0	0	0	0	0	0	0	0	0	0
1- 2 months	0	0	0	0	0	0	0	0	0	0	0
3 - 5 months	0	0	0	0	0	0	0	0	0	0	0
6 - 8 months	1	0	0	0	0	0	0	0	1	0	1
9 -11 months	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0
2 years	0	0	0	0	0	0	0	0	0	0	0
3 years	0	0	0	0	0	0	0	0	0	0	0
4 years	0	0	0	0	0	0	0	0	0	0	0
5 – 9 years	0	0	0	0	0	0	0	0	0	0	0
10 -14 years	0	0	0	0	0	0	0	0	0	0	0
15 - 19 years	0	0	0	0	0	0	0	0	0	0	0
20 - 24 years	0	0	0	0	0	0	0	0	0	0	0
25 - 29 years	1	0	2	1	0	0	1	0	4	1	5
30 - 34 years	0	0	0	0	0	0	1	1	1	1	2
35 - 39 years	0	0	0	0	0	0	1	0	1	0	1
40 - 44 years	0	0	0	0	0	0	1	0	1	0	1
45 - 49 years	0	0	0	1	0	0	1	0	1	1	2
50 - 54 years	0	0	0	0	1	0	0	0	1	0	1
55 - 59 years	0	0	2	1	2	0	1	0	5	1	6
60 - 64 years	6	0	0	0	1	1	3	2	10	3	13
65 - 69 years	1	0	0	5	1	0	0	0	2	5	7
70 - 74 years	0	1	0	1	3	3	2	1	5	6	11
75 - 79 years	2	2	3	0	1	0	2	1	8	3	11
80 - 84 years	0	2	1	0	3	2	1	1	5	5	10
85 - 89 years	3	3	0	3	3	3	3	3	9	12	21
90 - 94 years	0	1	0	1	2	1	0	1	2	4	6
95 - 99 years	1	0	0	1	0	1	0	0	1	2	3
100 years +	0	0	0	0	1	1	0	1	1	2	3
Not Stated	0	0	0	0	0	0	0	0	0	0	0
Total	15	9	8	14	18	12	17	11	58	46	104

Table 6

Marriages By Parish

Year: 2023

Month	St John	St Paul	St Thomas	St James	St Georges	Total
	2 Banns + 10 Licenses	24 Licenses	1 Banns + 19 Licenses	1 Banns + 6 Licenses	1 Banns + 3 Licenses	5 Banns + 62 Licenses
January	2	1	0	2	0	5
February	1	2	4	0	0	7
March	1	1	0	0	0	2
April	0	2	1	1	0	4
May	0	2	2	0	2	6
June	1	0	1	1	1	4
July	3	3	5	1	0	12
August	1	4	3	0	0	8
September	2	2	1	0	0	5
October	0	0	1	0	0	1
November	0	4	0	0	0	4
December	1	3	2	2	1	9
TOTAL	12	24	20	7	4	67

Table 7

Marriage by Place of Marriage 2023

Place Of Marriage	St John	St Paul	St Thomas	St James	St Georges	Total
Anglican	0	0	2	0	0	2
Baptist	0	0	0	0	0	0
Bethel Apostolic Church	0	0	0	0	0	0
Church of Christ	0	1	0	1	0	2
Church of God	0	3	0	1	0	4
Historical Site	0	0	3	3	0	6
Hotel (Pastor)	2	0	4	0	2	8
Hotel (Marriage Officer)	2	0	0	0	0	2
Jehovah Witness	0	0	0	0	0	0
Magistrates Office	0	9	0	0	0	9
Methodist	0	0	0	0	0	0
Pentecostal	3	0	0	0	0	3
Roman Catholic	0	0	0	0	0	0
Seven Day Adventist	0	0	0	2	0	2
Weslyan Holiness	2	0	0	0	0	2
Non-Denominational Churches	3	4	3	0	0	10
Other(Beach, Residence, etc) Marriage Officer	0	6	2	0	1	9
Other (Beach, Residence, etc)Pastor	0	1	6	0	1	8
Total	12	24	20	7	4	67

Table 8

Marriage by Age Range - 2023

Male/Husband	Female/Wife											Total
	16-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	
16-19	0	0	0	0	0	0	0	0	0	0	0	0
20-24	0	2	2	1	0	0	0	0	0	0	0	5
25-29	0	2	4	3	1	0	0	0	0	0	0	10
30-34	0	1	2	2	1	1	1	0	0	0	0	8
35-39	0	1	0	2	2	1	0	0	0	0	0	6
40-44	0	1	1	3	0	1	1	0	0	0	0	7
45-49	1	1	0	2	2	2	1	1	0	0	0	10
50-54	0	0	0	1	1	0	0	2	0	0	0	4
55-59	0	0	0	0	0	0	2	0	0	1	0	3
60-64	0	0	0	0	0	0	0	0	2	2	0	4
65-69	0	0	0	0	1	0	0	5	0	0	0	6
70-74	0	0	0	0	0	0	0	1	0	1	0	2
75-79	0	0	0	0	0	0	0	0	0	1	1	2
80-84	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	8	9	14	8	5	5	9	2	5	1	67

Table 9

Marriage by Status - 2023

Male/Husband	Female/Wife			Total
	Spinster	Divorced	Widowed	
Bachelor	38	1	0	39
Divorced	13	11	3	27
Widow	0	1	0	1
Total	51	13	3	67

Table 10

Section B

- **Maternal Health**
- **Child Welfare**
- **Registered Non – Communicable Diseases (Visits)**
- **Environmental Health**
- **Registered Diabetic Patients**
- **Registered Hypertensive Patients**
- **Reported Communicable Diseases**
- **HIV/AIDS**

MATERNAL SERVICES 2023

MONTH	ANTENATAL VISITS		Total	POST NATAL VISITS		General Pap Smears Done
	New	Revisits	Attendance	Visits	Pap Smears Done	
Charlestown	16	66	82	9	8	93
Brown Hill	18	86	104	6	4	72
Gingerland	14	64	78	10	10	58
Butlers	4	16	20	1	1	39
Combermere	6	12	18	2	2	54
Cotton Ground	8	26	34	5	7	29
TOTAL	66	270	336	606	942	345

Table 11

INFANT AND TODDLERS VISIT 2023

Health Center	Infants		Total	Toddlers		Total
	New	Revisits	Attendance	New	Revisits	Attendance
Charlestown	40	322	362	26	130	156
Brown Hill	43	333	376	25	84	109
Gingerland	22	232	254	19	143	162
Butlers	8	98	106	9	30	39
Combermere	6	107	113	10	84	94
Cotton Ground	18	192	210	11	76	87
TOTAL	137	1284	1421	100	547	647

Table 12

Line Graph Showing Infant & Toddlers Attendance at Health Centres 2023

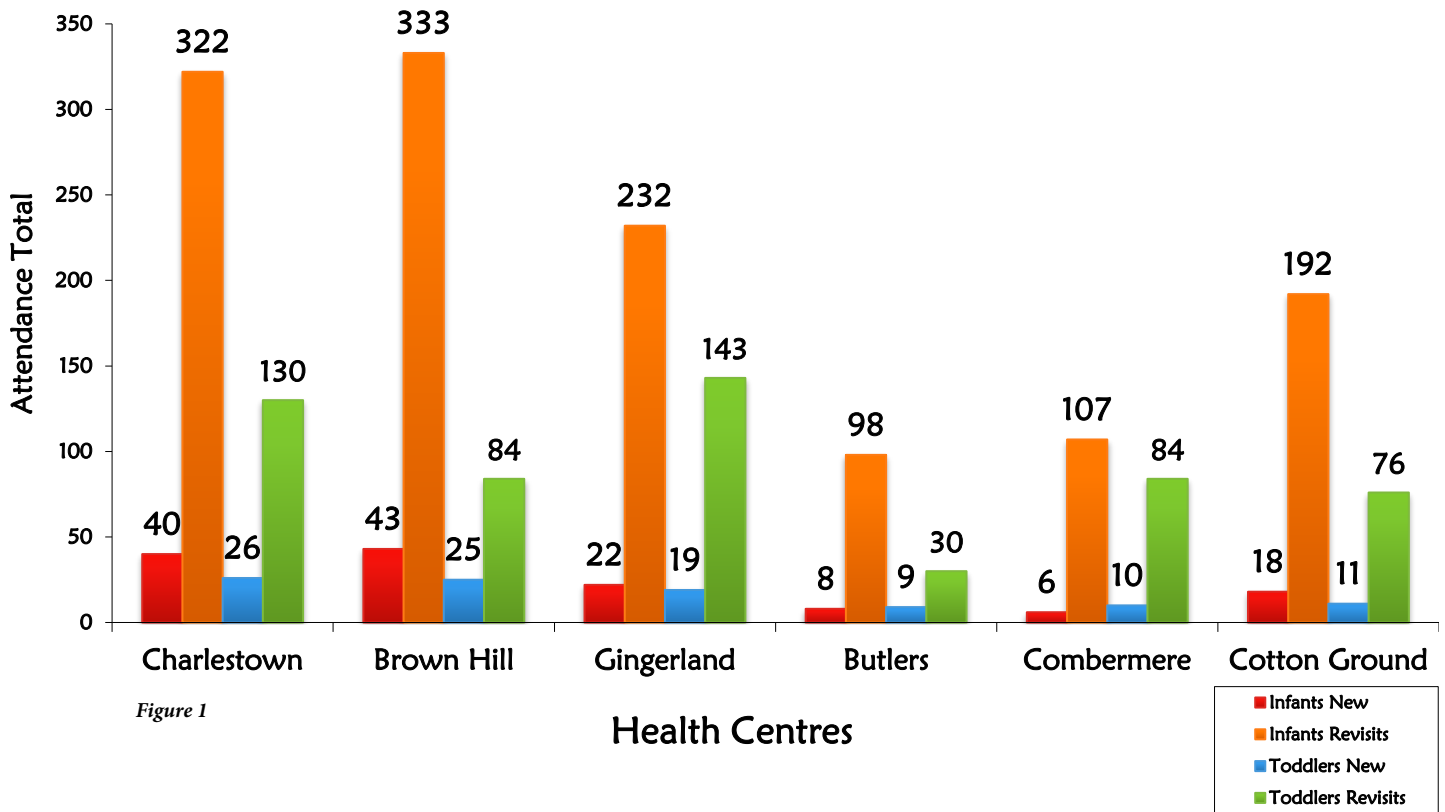


Figure 1

**Non- Communicable Diseases
Presented at Health Centres
JAN-DEC 2023**

DISEASES	Brown Hill	Butlers	Charlestown	Combermere	Cotton Ground	Gingerland	TOTAL
No. of Patients	235	296	267	463	496	797	2554
First visit to HC in year	191	189	187	284	306	504	1661
Return visit to HC in year	48	107	72	179	194	293	893
Male	68	167	123	205	189	299	1051
Female	167	129	144	258	307	498	1503
Accidents (Vehicle)	2	1	1	1	0	0	5
Other Injuries	54	103	240	214	229	378	1218
Alcoholism	1	3	6	0	1	0	11
Arthritis & Other Joint Conditions	17	31	4	24	33	32	141
Asthma Attacks	0	2	1	1	1	1	6
Cerebrovascular Disease	0	3	1	0	0	0	4
Diabetes	21	24	23	77	69	104	318
Gastritis / Peptic Ulceration	4	3	0	8	0	2	17
Handicap - Mental	0	0	0	0	0	0	0
Handicap - Physical	0	0	0	0	0	1	1
Headache	4	0	2	2	2	13	23
Hearing Impairment	0	2	1	1	1	27	32
Heart Disease	2	0	0	2	1	1	6
Helminthiasis	0	0	0	0	0	0	0
Hypertension	49	53	43	130	89	167	531
Psychological Illness	0	0	0	0	0	0	0
Pyrexia	0	0	0	4	0	1	5
Respiratory Conditions (chr)	40	16	8	21	44	10	139
Seizure Disorders	1	3	0	3	0	0	7
Sickle Cell Disease	1	0	1	1	1	0	4
Skin Disorders	34	19	8	17	52	16	146
Visual Impairment	0	2	0	0	2	0	4
Abdominal Pain	9	11	0	4	10	6	40
For Fllow up care	0	0	0	3	0	0	3
Menstrual Problems	1	2	0	3	0	4	10
Ophthalmology	0		0	0	7	4	11
Referral to Specialist			0	0	13	1	14

Table 13

* Only the most common diseases are presented in the table.

Environmental Health Data

ATTENDANCE AT FOOD HANDLERS' CLINICS 2023

MONTH	TOTAL
JANUARY	226
FEBRUARY	253
MARCH	379
APRIL	137
MAY	214
JUNE	101
JULY	193
AUGUST	54
SEPTEMBER	70
OCTOBER	168
NOVEMBER	0
DECEMBER	0
TOTAL	1795

Table 14

CLINIC SESSIONS PER DISTRICT 2023

DISTRICT	# SESSIONS
CHARLESTOWN	6
GINGERLAND	8
COTTON GROUND	11
COMBERMERE	10
TOTAL	35

Table 15

FOOD HANDLERS' APPLICATION 2023

RECEIVED	
New	Renewal
288	1507

Table 16

ATTENDANCE PER DISTRICT FOR 2023

HEALTH DISTRICT	TOTAL
GINGERLAND	424
CHARLESTOWN	371
COTTON GROUND	699
COMBERMERE	301
TOTAL	1795

Table 17

Registered Diabetic Patients at the Health Centres 2023

Health Centre	GENDER		Reg. Total	DEATHS		TREATMENT			NEW CASES		TOTAL	OLD CASES			TYPE 1	TYPE 2	Not stated
	MALE	FEMALE		MALE	FEMALE	ORAL	INJECTION	DIET	Male	Female		Male	Female	TOTAL			
Charlestown	35	76	111	0	0	61	23	7	0	0	0	35	76	111	16	62	33
Brown Hill	23	30	53	1	2	39	13	4	2	0	2	21	30	51	8	29	16
Gingerland	50	99	149	0	3	115	40	5	5	3	8	45	96	141	10	135	4
Butlers	10	31	41	0	0	31	13	1	1	1	2	9	30	39	0	32	9
Combermere	35	52	87	3	0	66	16	7	5	5	10	30	47	77	12	70	5
Cotton Ground	18	26	44	0	1	39	4	1	0	0	0	18	26	44	2	42	0
TOTAL	171	314	485	4	6	351	109	25	13	9	22	158	306	463	48	370	67

Table 18

* NB: Some Patients received two treatment types.

* NB: Deaths included in Centre Registered Total.

DIABETIC PATIENTS BY AGE RANGE AND GENDER 2023

AGE RANGE	Charlestown		Brown Hill		Gingerland		Butlers		Combermere		Cotton Ground		Age Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
01 - 09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 19	0	0	1	0	0	3	0	0	0	1	0	0	1	4	5
20 - 29	0	1	1	2	2	5	1	1	1	0	0	0	5	9	14
30 - 39	1	0	1	1	1	4	0	1	1	0	1	3	5	9	14
40 - 49	0	1	6	0	2	7	3	0	2	8	0	6	13	22	35
50 - 59	2	9	3	6	17	19	3	6	4	5	4	4	33	49	82
60 - 69	1	5	8	10	14	29	0	7	13	13	10	7	46	71	117
70 - 79	3	6	0	5	6	16	1	6	8	18	3	6	21	57	78
80 - 89	2	3	3	3	8	13	2	7	6	5	0	0	21	31	52
90 - 99	0	3	0	2	0	2	0	3	0	1	0	0	0	11	11
100 +	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Not Stated	26	48	0	1	0	0	0	0	0	1	0	0	26	50	76
Total	35	76	23	30	50	99	10	31	35	52	18	26	171	314	485
	111		53		149		41		87		44		485		

Table 19

Registered Hypertension Patients at the Health Centres 2023

Health Centre	GENDER		Reg. Total	DEATHS		TREATMENT		NEW CASES		TOTAL	OLD CASES		TOTAL
	MALE	FEMALE		MALE	FEMALE	ORAL	DIET	Male	Female		Male	Female	
Brown Hill	25	43	68	1	1	68	0	2	0	2	23	43	66
Butlers	19	33	52	1	0	27	25	0	2	2	19	31	50
Charlestown	29	62	91	0	1	62	29	0	0	0	29	62	91
Combermere	48	85	133	2	1	115	18	11	11	22	37	74	111
Cotton Ground	16	38	54	0	0	47	49	0	0	0	16	38	54
Gingerland	55	119	174	1	1	167	8	10	13	23	45	106	151
TOTAL	192	380	572	5	4	486	129	23	26	49	169	354	523

Table 20

* NB: Some Patients received both treatment type.

* NB: Deaths included in Centre Registered Total.

HYPERTENSION PATIENTS BY AGE RANGE AND GENDER 2023

AGE RANGE	Brown Hill		Butlers		Charlestown		Combermere		Cotton Ground		Gingerland		Age Total		Grand Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
01 - 09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 - 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 - 29	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
30 - 39	0	0	0	3	1	0	0	3	1	0	1	9	3	15	18
40 - 49	2	4	0	2	2	1	3	9	0	2	5	17	12	35	47
50 - 59	5	9	4	6	7	7	4	9	1	4	13	22	34	57	91
60 - 69	6	13	5	8	4	7	19	23	6	11	15	33	55	95	150
70 - 79	6	11	4	6	6	4	13	22	5	10	11	21	45	74	119
80 - 89	5	4	4	7	1	3	9	16	2	10	8	13	29	53	82
90 - 99	1	2	2	0	1	5	0	3	1	1	2	4	7	15	22
100 +	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Stated	0	0	0	0	7	35	0	0	0	0	0	0	7	35	42
Total	25	43	19	33	29	62	48	85	16	38	55	119	192	380	572
	68		52		91		133		54		174		572		

Table 21

REPORTED COMMUNICABLE DISEASES IN NEVIS 2023

DISEASE				
	MALE	FEMALE	UNKNOWN	TOTAL
ACUTE CONJUNCTIVITIS	0	1	0	1
ACUTE RESPIRATORY INFECTION	47	39	0	86
BACTERIAL CONJUNCTIVITIS	15	16	0	31
CIGUATERA POISONING	19	5	0	24
COVID-19	4	2	0	6
DENGUE FEVER	159	201	0	360
FOODBORNE ILLNESS	1	3	0	4
GASTROENTERITIS	125	161	0	286
HEPATITIS A	1	0	0	1
INFLUENZA	2	4	0	6
MEASLES	1	0	0	1
HIV/AIDS	2	1	0	3
SHINGELLOSIS	1	0	0	1
UNDIFFERENTIATED FEVER	159	201	0	360

Table 22

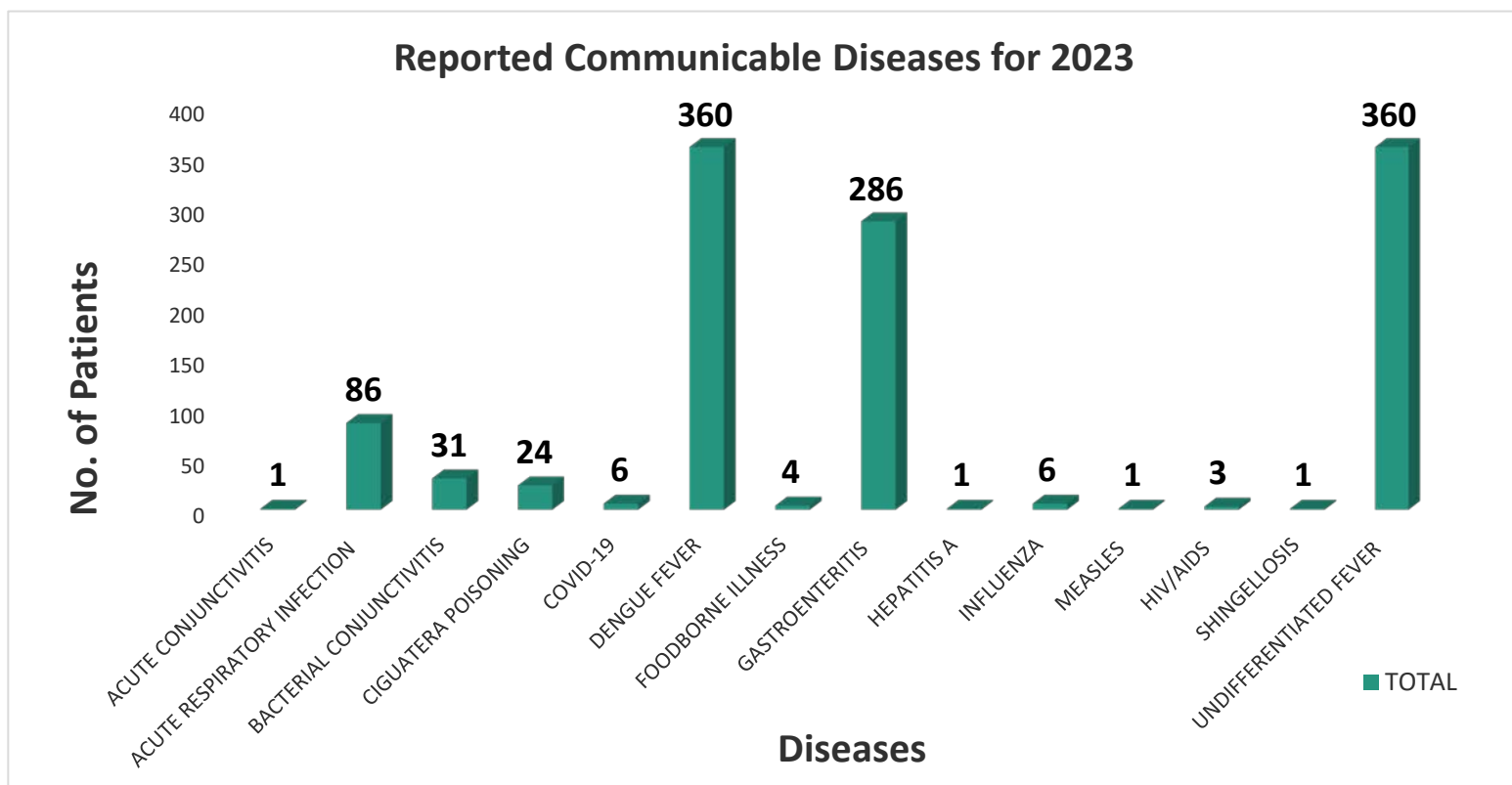


Figure 2

REPORTED COMMUNICABLE DISEASES
BY AGE
WEEK1-52, 2023

DISEASE	SEX	<1 YRS	1-4	5-14	15-24	25-44	45-64	65 and Over	Unknown	TOTAL	GRAND TOTAL
ACUTE CONJUNCTIVITIS	M	0	0	0	0	0	0	0	0	0	1
	F	0	0	1	0	0	0	0	0	1	
ACUTE RESPIRATORY INFECTION	M	3	18	14	3	6	2	0	1	47	86
	F	1	15	9	8	6	0	0	0	39	
BACTERIAL CONJUNCTIVITIS	M	1	2	10	1	1	0	0	0	15	31
	F	0	3	5	3	3	2	0	0	16	
CIGUATERA POISONING	M	0	0	0	0	8	9	2	0	19	25
	F	0	0	1	1	1	2	1	0	6	
COVID-19	M	0	0	0	0	3	1	0	0	4	6
	F	0	0	0	0	1	0	1	0	2	
DENGUE FEVER	M	0	10	51	38	40	14	5	1	159	360
	F	0	7	53	38	67	23	11	2	201	
FOODBORNE ILLNESS	M	0	0	0	0	1	0	0	0	1	4
	F	0	0	0	1	1	0	1	0	3	
GASTROENTERITIS	M	2	25	26	20	35	12	4	1	125	286
	F	0	16	28	26	62	23	5	1	161	
HEPATITIS A	M	0	0	0	0	0	0	1	0	1	1
	F	0	0	0	0	0	0	0	0	0	
INFLUENZA	M	0	0	0	0	0	2	0	0	2	6
	F	0	0	0	2	1	1	0	0	4	
MEASLES	M	0	0	0	0	0	0	1	0	1	1
	F	0	0	0	0	0	0	0	0	0	
HIV/AIDS	M	0	0	0	0	1	1	0	0	2	3
	F	0	0	0	0	0	1	0	0	1	
SHINGELLOSIS	M	0	0	0	0	1	0	0	0	1	1
	F	0	0	0	0	0	0	0	0	0	
UNDIFFERENTIATED FEVER	M	0	10	51	38	40	14	5	1	159	360
	F	0	7	53	38	67	23	11	2	201	

Table 23

Records of Voluntary Counselling Testing (VCT) Services

YEAR: 2023

Month	Male	Female	Total VCT DONE
JAN	4	10	14
FEB	1	7	8
MAR	7	25	32
APR	26	45	71
MAY	15	22	37
JUN	7	12	19
JUL	3	9	12
AUG	10	9	19
SEP	2	1	3
OCT	0	0	0
NOV	4	5	9
DEC	27	47	74
Total	106	192	298

Table 24

* Repeat testers excluded from results.

Condoms Distributed 2023

Total Male	Total Female	Total Lubricants	Total Dental Dams	Total condoms
10384	0	3630	139	10384

Table 25

HIV/AIDS REPORTED CASES 1987 -2023

YEAR	GENDER		TOTAL
	MALE	FEMALE	
1987	1	1	2
1989	1	1	2
1990	0	2	2
1991	0	1	1
1992	3	2	5
1993	1	0	1
1994	1	0	1
1995	2	1	3
1996	4	3	7
1997	3	1	4
1998	1	0	1
1999	1	1	2
2000	1	1	2
2001	2	1	3
2002	2	3	5
2003	3	3	6
2004	1	2	3
2005	1	2	3
2006	0	1	1
2007	2	3	5
2008	1	2	3
2009	1	0	1
2010	0	0	0
2011	0	3	3
2012	0	0	0
2013	0	0	0
2014	2	0	2
2015	0	0	0
2016	0	1	1
2017	1	0	1
2018	1	1	2
2019	2	1	3
2020	1	2	3
2021	1	1	2
2022	3	1	4
2023	2	1	3
TOTAL	45	42	87

Table 26

AGE RANGE OF HIV/AIDS CASES 1987 - 2023

AGE	GENDER		TOTAL
	MALE	FEMALE	
0 - 4	1	2	3
5 - 9	0	0	0
10 - 14	0	0	0
15 - 19	0	1	1
20 - 24	5	2	7
25 - 29	6	4	10
30 - 34	3	9	12
35 - 39	12	4	16
40 - 44	7	4	11
45 - 49	2	6	8
50 - 54	1	2	3
55 - 59	4	3	7
60+	1	1	2
Unknown	3	4	7
TOTAL	45	42	87

Table 27

No. of Patients in Care 2023 - 21

Section C

- Hospital Summary
 - Admissions
 - Discharges
 - Inpatient Days
 - Leading Causes of Hospitalization
 - Outpatient Department O.P.D
 - Intentional and Unintentional Injuries
 - Asthma Cases Treated at O.P.D
 - Theatre Cases
 - Reported Cancer Incidences
 - Day Cases/Minor Operations
 - Laboratory Statistics

HOSPITAL ADMISSIONS

YEAR: 2023

MONTH	MEDICAL			SURGICAL			PAEDIATRICS			OBSTETRIC	TOTAL	TOTAL MONTHLY	
	M	F	Total	M	F	Total	M	F	Total		MALE	FEMALE	TOTAL
JANUARY	22	17	39	22	23	45	4	6	10	9	48	55	103
FEBRUARY	19	13	32	16	12	28	7	8	15	10	42	43	85
MARCH	11	9	20	15	21	36	15	8	23	13	41	51	92
APRIL	9	17	26	11	15	26	4	8	12	11	24	51	75
MAY	11	19	30	22	23	45	5	5	10	14	38	61	99
JUNE	11	15	26	29	12	41	4	8	12	13	44	48	92
JULY	9	13	22	18	14	32	3	3	6	13	30	43	73
AUGUST	20	14	34	23	16	39	1	3	4	9	44	42	86
SEPTEMBER	16	14	30	17	25	42	6	4	10	16	39	59	98
OCTOBER	20	11	31	18	29	47	11	8	19	18	49	66	115
NOVEMBER	18	8	26	15	21	36	11	7	18	17	44	53	97
DECEMBER	27	13	40	20	18	38	8	4	12	12	55	47	102
WARD TOTAL	193	163	356	226	229	455	79	72	151	155	498	619	1117

Table 28

M= MALE
F=FEMALE

Previous Year 2022: Total = 1132

(Med=355+ Surg=464 + Paed=147+ Obst=166)

HOSPITAL DISCHARGES

YEAR: 2023

MONTH	MEDICAL			SURGICAL			PAEDIATRICS			OBSTETRIC	TOTAL	TOTAL	MONTHLY
	M	F	Total	M	F	Total	M	F	Total		MALE	FEMALE	TOTAL
JANUARY	23	16	39	16	21	37	3	5	8	9	42	51	93
FEBRUARY	19	14	33	20	18	38	7	8	15	8	46	48	94
MARCH	16	7	23	12	20	32	14	8	22	10	42	45	87
APRIL	10	18	28	21	18	39	3	8	11	11	34	55	89
MAY	7	20	27	25	21	46	6	6	12	14	38	61	99
JUNE	13	10	23	28	13	41	3	7	10	16	44	46	90
JULY	11	16	27	20	13	33	3	3	6	14	34	46	80
AUGUST	25	17	42	21	9	30	1	2	3	16	47	44	91
SEPTEMBER	18	15	33	12	26	38	7	3	10	14	37	58	95
OCTOBER	17	10	27	14	28	42	11	8	19	15	42	61	103
NOVEMBER	26	12	38	15	18	33	11	7	18	20	52	57	109
DECEMBER	22	12	34	24	11	35	9	7	16	12	55	42	97
WARD TOTAL	207	167	374	228	216	444	78	72	150	159	513	614	1127

Table 29

M= MALE

F=FEMALE

Total Hospital Discharges (Med=362 + Surg=442 + Paed=155 + Obst=166)

Previous Year 2022: 1125

INPATIENT DAYS - 2023

Month	Ward	Discharges	Inpatient Days	Average Length of Stay
January	Med	39	292	7
	Surg	57	190	3
	Paed	8	33	4
	Obst	9	24	3
Monthly Average		113	539	5
February	Med	33	234	7
	Surg	38	252	7
	Paed	15	52	3
	Obst	8	24	3
Monthly Average		94	562	6
March	Med	23	140	6
	Surg	32	216	7
	Paed	22	55	3
	Obst	10	29	3
Monthly Average		87	440	5
April	Med	28	133	5
	Surg	39	239	6
	Paed	11	23	2
	Obst	11	32	3
Monthly Average		89	427	5
May	Med	27	150	6
	Surg	46	251	5
	Paed	12	27	2
	Obst	14	53	4
Monthly Average		99	481	5
June	Med	23	181	8
	Surg	41	250	6
	Paed	10	22	2
	Obst	16	67	4
Monthly Average		90	520	6
July	Med	27	257	10
	Surg	33	159	5
	Paed	6	36	6
	Obst	14	50	4
Monthly Average		80	502	6
August	Med	30	384	13
	Surg	42	257	6
	Paed	3	6	2
	Obst	7	16	2
Monthly Average		82	663	8
September	Med	33	165	5
	Surg	38	114	3
	Paed	10	26	3
	Obst	14	44	3
Monthly Average		95	349	4
October	Med	27	181	7
	Surg	42	269	6
	Paed	19	47	2
	Obst	15	42	3
Monthly Average		103	539	5
November	Med	38	204	5
	Surg	35	160	5
	Paed	18	44	2
	Obst	20	96	5
Monthly Average		111	504	5
December	Med	36	156	4
	Surg	35	231	7
	Paed	16	58	4
	Obst	12	37	3
Monthly Average		99	482	5
Yearly Average		1142	6008	5

Days

Table 30

ALEXANDRA HOSPITAL

LEADING CASES OF HOSPITALIZATION

Jan - Dec 2023

DISEASE	TOTAL UPON DISCHARGE	RANK	% OF TOTAL ADMISSION
Hypertension	61	1	5.5
Diabetes Mellitus	33	2	3.0
Hypertensive Heart Disease	24	3	2.1
Cerebro Vascular Accident	17	4	1.5
Ischemic Heart Failure	15	5	1.3
Urinary Tract Infection	11	6	1.0
Severe Anemia	10	7	0.9
Prostate Cancer	9	8	0.8
Gastro Enteritis	5	9	0.4
Cholecystitis	4	10	0.4
Broncho Pneumonia	4	11	0.4
Symptomatic Uterine Fibroids	3	12	0.3

Table 31

*NB: Data taken from Hospital Discharges

OUTPATIENT CENSUS -- 2023

MONTH	No. of Cases	No. of New Cases	No. of Returning Cases	No. of Police Cases	No. of Suturing	No. of Dressings	No. of Injections	No. of B/P	No. of Ambulance Calls	No. of P.O.P.	No. of Referrals	No. of Males	No. of Females
January	1152	810	319	23	22	246	1004	178	35	0	63	549	603
February	1017	690	310	17	17	277	886	211	47	0	58	465	552
March	1165	737	399	29	14	334	928	180	32	0	77	536	629
April	1076	711	342	23	15	277	925	179	30	1	47	459	617
May	1101	714	354	33	17	296	848	171	38	4	61	490	611
June	1040	677	337	28	11	262	826	171	47	4	76	499	543
July	935	573	342	20	20	276	716	139	32	0	34	455	480
August	1006	590	373	43	24	654	742	169	30	0	55	482	525
September	1069	694	345	30	19	303	765	117	35	0	43	510	559
October	1050	714	311	25	26	247	831	160	25	1	79	454	596
November	1081	741	314	26	16	230	1071	143	20	2	84	536	545
December	923	704	300	20	10	282	836	124	46	0	62	463	460
Total	12,615	8,355	4,046	317	211	3,684	10,378	1,942	417	12	739	5,898	6,720

Table 32

* NB: New Cases + Returning Cases + Police Cases (which are also new cases) = No. of Cases

INTENTIONAL & UNINTENTIONAL INJURIES

OUTPATIENT DEPARTMENT - ALEXANDRA HOSPITAL 2023

Month	Gunshot Injuries	Stabbing/Slashing Injuries	Motor Vehicle Accidents	Domestic Violence	Physical Assault	Sexual Assault	Intoxication	Suicidal Attempt	Medical Conditions in Custody	Animal Injury	Fire	Other	Total
January	2	0	10	1	8	0	0	1	0	0	0	1	23
February	0	0	8	1	5	0	0	1	0	0	0	2	17
March	0	1	15	0	11	0	0	1	1	0	0	0	29
April	0	1	9	0	9	0	0	3	0	1	0	1	24
May	1	0	21	0	9	0	0	0	0	0	1	1	33
June	1	0	14	3	8	0	0	0	1	1	0	0	28
July	0	1	11	0	6	1	0	0	0	1	0	0	20
August	1	2	25	3	5	3	0	0	0	0	0	0	39
September	1	0	21	0	6	0	1	0	0	0	0	1	30
October	0	1	11	2	9	0	0	2	0	0	0	0	25
November	0	1	12	0	7	1	0	0	1	1	0	2	25
December	1	0	10	1	6	0	0	1	0	0	0	1	20
Total	7	7	167	11	89	5	1	9	3	4	1	9	313

Table 33

Breakdown of Asthma Cases - 2023

MONTHS: JAN-DEC

AGE RANGE	GENDER			VISIT			INHEALERS			TREATMENT				
	MALE	FEMALE	TOTAL	NEW	REVISIT	TOTAL	VENTOLIN	BECOTIDE	TOTAL	PEAK FLOW METER	SPACER	DRUG THERAPY	EDUCATION	TOTAL
0-5	11	4	15	0	14	14	0	0	0	0	0	14	14	28
6-14	26	13	39	1	37	38	3	0	3	0	0	38	38	76
15-19	7	5	12	0	11	11	0	0	0	0	0	11	11	22
20-59	38	53	91	4	79	83	2	0	2	0	0	83	83	166
60+	2	2	4	0	4	4	2	0	2	0	0	4	4	8
TOTAL	84	77	161	5	145	150	7	0	7	0	0	150	150	300

Table 34

ALEXANDRA HOSPITAL

INCIDENCE CASES OF NEOPLASM - 2023

ONCOLOGY CODE/SITE	1-9		10-19		20-29		30-39		40-49		50-59		60-69		70-79		80-89		90-99		100+		UNKNOWN		GRAND TOTAL				
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total		
Breast	0	0	0	0	0	0	0	1	0	2	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Rectum	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	
Colon (Sigmoid)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
-Ascending'	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
GRAND TOTAL	0	0	0	0	0	0	0	1	0	2	0	3	2	2	0	1	0	0	0	0	0	0	0	0	0	3	9	12	

Table 35

Source: Pathology Lab - JNF General Hospital

MINOR CASES (DAY CASES)

JAN – DEC 2023

MONTH	WARD				GENDER		TOTAL
	Paediatric		Surgical		Male	Female	
	Male	Female	Male	Female			
JAN	2	0	7	20	9	20	29
FEB	1	0	6	26	7	26	33
MAR	1	0	2	4	3	4	7
APR	2	0	4	2	6	2	8
MAY	0	0	5	4	5	4	9
JUN	1	0	2	4	3	4	7
JUL	4	1	7	6	11	7	18
AUG	4	0	4	6	8	6	14
SEP	0	0	4	6	4	6	10
OCT	0	1	6	3	6	4	10
NOV	1	0	18	26	19	26	45
DEC	0	0	4	3	4	3	7
TOTAL	16	2	69	110	85	112	197
	18		179		197		

Table 36



NEVIS LABORATORY REPORTED HIV/AIDS CASES

YEAR:2023

MONTH		ALEXANDRA HOSPITAL LABORATORY						Reason for Testing		
		NO.OF TESTS DONE	MALE	FEMALE	UNKNOWN GENDER	NO.OF POSITIVES	NO. OFNEGATIVES	Clinical Diagnosis	PMTCT	HCT
1st Qtr. 119 M F UN	JAN	46	13	32	1	1	45	32	14	0
	FEB	33	10	23	0	1	32	22	11	0
	MAR	40	8	30	2	0	40	28	12	0
2nd Qtr. 92 M F UN	APR	23	3	20	0	0	23	17	6	0
	MAY	41	7	32	2	0	41	30	11	0
	JUN	28	5	23	0	0	28	13	15	0
3rd Qtr. 105 M F UN	JUL	37	5	31	1	0	37	20	17	0
	AUG	35	6	29	0	0	35	25	10	0
	SEP	33	8	25	0	0	33	14	17	2
4th Qtr. 71 M F UN	OCT	20	1	19	0	0	20	12	8	0
	NOV	21	3	18	0	0	21	11	10	0
	DEC	30	4	26	0	0	30	21	9	0
TOTAL		387	73	308	6	2	385	245	140	2

Table 37

HIV/AIDS TESTS DONE AVALON LAB

YEAR: 2023

MONTH		AVALON MEDICAL LABORATORY					
		NO.OF TESTS DONE	MALE	FEMALE	UNKNOWN GENDER	NO.OF POSITIVES	NO. OF NEGATIVES
1st Qtr. 30 M F UN	JAN	7	2	5	0	0	7
	FEB	9	4	5	0	0	9
	MAR	14	6	8	0	0	14
2nd Qtr. 23 M F UN	APR	5	4	1	0	0	5
	MAY	5	2	3	0	0	5
	JUN	13	7	6	0	0	13
3rd Qtr. 24 M F UN	JUL	11	2	9	0	1	10
	AUG	7	3	4	0	0	7
	SEP	6	3	3	0	0	6
4th Qtr. 25 M F UN	OCT	6	2	4	0	0	6
	NOV	9	4	5	0	0	9
	DEC	10	6	4	0	0	10
TOTAL		102	45	57	0	1	101

Table 38

RPR (Syphilis) Testing Alexandra Lab 2023

Month	Sex				Results		Purpose
	Male	Female	Unknown Gender	Total	Reactive	Non-Reactive	ANT
January	26	61	0	87	3	84	15
February	16	43	0	59	1	58	0
March	77	126	0	203	0	203	9
April	6	44	1	51	0	51	10
May	20	57	0	77	1	76	10
June	16	42	0	58	0	58	16
July	22	65	0	87	3	84	10
August	11	48	0	59	0	59	0
September	21	51	0	72	0	72	15
October	16	46	0	62	1	61	12
November	24	58	0	82	0	82	8
December	25	61	0	86	1	85	4
Total	280	702	1	983	10	973	109

Table 39

Hepatitis B Testing at Alexandra Lab 2023

Month	Sex				Results		Purpose
	Male	Female	Ukn G	Total	Positive	Negative	ANTInatal
January	13	35	0	48	0	48	17
February	2	21	0	23	0	23	0
March	1	19	0	20	1	19	8
April	1	19	0	20	0	20	9
May	2	24	0	26	0	26	8
June	4	13	0	17	0	17	7
July	2	25	0	27	1	26	10
August	1	24	0	25	0	25	0
September	0	9	0	9	0	9	5
October	2	22	0	24	0	24	11
November	8	28	0	36	1	35	8
December	11	42	0	53	0	53	4
Total	47	281	0	328	3	325	87

Table 40

Hepatitis C Testing at Alexandra Lab 2023

Month	Sex				Results		Purpose
	Male	Female	Ukn G	Total	Positive	Negative	ANTinatal
January	9	15	0	24	0	24	1
February	2	9	0	11	0	11	0
March	0	8	0	8	1	7	1
April	1	6	0	7	0	7	1
May	1	11	0	12	0	12	0
June	3	5	0	8	0	8	0
July	1	11	0	12	0	12	0
August	0	14	0	14	0	14	0
September	1	6	0	7	0	7	1
October	1	2	0	3	0	3	0
November	5	5	0	10	0	10	0
December	1	5	0	6	0	6	1
Total	25	97	0	122	1	121	5

Table 41

GLOSSARY

- ♣ **Crude Birth Rate (CBR):** *Total number of live births in a given year X 1,000 divided by the estimated mid-year population in that year.*
- ♣ **Crude Death Rate (CDR):** *Total Number of Deaths in a given year X 1,000 divided by the estimated mid-year population in that year.*
- ♣ **General Fertility Rate (GFR):** *Number of live births in a given year X 1, 000 divided by the number of females within the fertility age group (15 – 44).*
- ♣ **Natural Increase Rate:** *Total live births subtract total deaths occurring during the year x 1,000 divided by the estimated midyear population for that year.*
- ♣ **Age Specific Death Rate (ASDR):** *(Rate in children 1-4 yrs.) Total number of deaths in age group 1-4 X 1,000 divided by the population of children in that same age group.*
- ♣ **Infant Mortality Rate (IMR):** *Total number of deaths to infants under 1 year of age in a given year X 1,000 divided by the total number of live births in that year.*
- ♣ **Still Birth Rate:** *Total number of stillbirths in a given year X 1,000 divided by total birth (live +Stillbirths) in that year.*
- ♣ **Neonatal Death Rate:** *(Children born alive & died before age 28 days of age). Total number of neonatal deaths X 1,000 divided by total number of live births in that same year.*
- ♣ **Maternal Death Rate:** *(Maternal death is the death of a woman while pregnant or within 42 days after termination of pregnancy, regardless of the length and site of the pregnancy, due to complications of the pregnancy, delivery and puerperium but not due to accidental or incidental causes). Total number of women who died X 100,000 divided by the number of live births.*

- ♣ **A Hospital:** *is any medical facility with an organized medical and professional staff and beds available for continuous hospitalization of patients formally admitted to it for medical observation, care, diagnosis, or surgical or non-surgical treatment.*
- ♣ **Hospital Discharges:** *is the formal release of a hospitalized individual due to conclusion of the hospital stay, either by death, return home or transfer to another institution.*
- ♣ **Patient Days:** *Total in-patient days for the year.*
- ♣ **Average Length of Stay:** *Patient Days divided by total discharges*
- ♣ **Percentage Occupancy:** *Patient Days X 100 divided by 45 (beds) X 365.*
- ♣ **Bed Turn-Over Rate:** *Total discharges divided by 45 (total beds)*

Sources of Health Data

