

CHAPTER: 8

LIVESTOCK

8 .o Livestok Development

The livestock farming is a traditional activity in Trincomalee district, which is an important sector in economy of Trincomalee, in term of improving nutrients, increase income of the community, providing draught power and compost and employment creation. Livestock provides not only a supplementary income but also main source of animal protein. Farmers mainly rear cattle, buffalo, goat, pig and poultry.

Livestock is playing for third role in livelihood at kuchchaveli area. Livestock rearing is mostly integrated with crop cultivation, thereby reducing the risk of losing income from crop cultivation. Some of the farmers rearing livestock mainly for cow dung. Commonly extensive management is popular in this area. Availability of extant natural grass land, shrub jungle, post-harvest paddy field and tank catchment areas are limited in this area.

In the past decade, the milk production is very low the reason of the greatest number of animals was severely affected by the internal war and Tsunami. The rehabilitation government projects had played a major role to enhance their milk production of kuchchaveli division, a large amount of milk collects and market to MILCO.

Livestock population in GN Division: Last five years

Dairy sector is the most important of all livestock sub sectors. This is primarily because of the influence it can make on the rural economy. Unlike with pigs and poultry where certain religious and socio-cultural sentiments are seen in promoting the development of such species, dairying is acceptable to all ethnic groups and religious sectors.

8.1 Livestock population in GN Division: Last five years

Unit	2016			2017			2018			2019			2020		
	P	S	Pr	P	S	Pr	P	S	Pr	P	S	Pr	P	S	Pr
Cattle	16064	960	90	17030	820	1040	18900	920	1050	19500	980	1100	20100	985	1140
Buffaloes	3230	0	1570	3410	0	1610	3661	0	1720	3730	0	1870	3810	0	1910
Goats	2055	920	135	2650	1020	950	2750	1220	980	2955	1300	1005	3050	1420	1050
Pigs	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Broiler	6835	6835	15	7320	7320	20	7500	7500	25	7700	7700	28	7950	7950	32
Country chick	14800	0	0	15400	0	0	15900	0	0	16200	0	0	16700	0	0

Note: - P - Population (No.), S - Slaughtered (No.), Pr - Production (Mt)

Source: Department of Animal Production & Health

8.2 Livestock Distribution in the Division – 2020

S. No.	GN Division	Cattle				Buffaloes				Goats		Sheep	Pigs
		Milking Cows (No.)	Local Cows (No.)	Bulls (No.)	Calves (No.)	Milking Cows (No.)	Local Cows (No.)	Bulls (No.)	Calves (No.)	Local (No.)	high yielding (No.)		
1	Periyakulam	32	536	230	120					255	26		
2	Iqbalnagar	10	320	120	75	-	75	48	36	120	-	-	-
3	Velloor	18	9	3	5	35	40	28	35	170	7		
4	Nilaveli												
5	Gobalapuram	24	2500	900	520		218	82	95	152	18		
6	Vaalaiuttru	61	117	34	22					65			
7	Irkakandy		46							18			
8	Kumburupity-East	13	250	115	102	-	32	16	5	52	-	-	-
9	Kumburupity-South	638	200	70	80	60	13	12	35	21			
10	Kumburupity-North	9	20			26	130			10	10		
11	Iranaikerny	22	90	60	52		30	16	18	46	4		
12	Veerancholai	22	90	60	52	-	-	-	-	75	-	-	-
13	Kuchchaveli	16	220	48	55	-	32	13	19	125	8	-	-
14	Casimnagar	28	72	36	28		34	18	21	142			
15	Jayanagaar	12	86	27	48		39	27	19	64			
16	Senthoor		117							65			
17	Thiriyai	350	50	50	350	380	40	30	350	250			50
18	Kattukulam	22	135	406	262	19	180	13	58	243	14		
19	Kallampathai	5	100	120	125	10	35	10	88	150	5		
20	Pulmoodai-01	25	250	175	110	5	87	15	26	74	2	-	-
21	Pulmoodai-02	34	319	184	109		107	38	42	46			
22	Pulmoodai-03	12	275	125	93	-	120	31	52	64	4	-	-
23	Pulmoodai-04	181	206	108	157	40	101	20	35	192	56		
24	Thennamaravaady	-	5	3	8	-	-	-	-	29	-	--	-
	Total	1534	6013	2874	2373	575	1313	417	934	2428	154	0	50

Source: Department of Animal Production & Health

The above table describes, 6% of cattle by replace by high yielding breeds by these replacement milk production by increase by 3% 5% of buffalo population by replace by high yielding breeds by these replacement milk production by increase by 0.6% of goat population by replace by high yielding breeds by these replacement meat production by increase by 0.5%.

8.3 Sale outlet

Vast amount of milk using for consumption and rest is imported. Milk collecting centres details are given below.

S.No.	Name of Milk Collecting Center	Milk Collecting Village	2016		2017		2018		2019		2020	
			Cow Milk Collection in Ltr.	Buffalo Milk Collection in Ltr.	Cow Milk Collection in Ltr.	Buffalo Milk Collection in Ltr.	Cow Milk Collection in Ltr.	Buffalo Milk Collection in Ltr.	Cow Milk Collection in Ltr.	Buffalo Milk Collection in Ltr.	Cow Milk Collection in Ltr.	Buffalo Milk Collection in Ltr.
1	Thiriya Milk collecting center	Kattukulam thiriyai & Kallarawa	24,600	41,300	28,800	43,200	29,200	43,800	31,800	44,100	32,200	45,800
2	Nilaveli Milk collecting center	Nilaveli, Gopalapuram, Veeloar	14,200	16,900	16,400	19,300	16,800	19,500	17,400	19,800	17,800	19,900
3	Kumpurupity Milk collecting center	Gandinagar & kumpurupity	10,300	15,900	12,200	16,500	12,400	16,700	12,600	16,900	12,900	17,100
4	Pulmoodai Milk collecting center	Pulmoodai 1,2 & 3	7,750	12,980	8,500	14,300	8,800	14,500	9,300	14,750	9,800	14,900

Source: Department of Animal Production & Health

8.4 Distribution of Day-Old Chicks in GN Division: 2020

S. No.	GN Division	Pullets	Cockerels	Unsexed	Broilers	M/O Pullets	Ducklings
1	Periyakulam		95	254	92		
2	Iqbalnagar		65	465	100		
3	Veloor		155	5	483		39
4	Nilaveli		120	605	77		
5	Gobalapuram		92	100	115		
6	Vaalaiuttru	91	47	5	2		
7	Irkakandy		165	3	4		
8	Kumburupity-East		2	14	6		
9	Kumburupity-South		14	265	94		
10	Kumburupity-North		35	2	125		
11	Iranaikerny		17	225	85		
12	Veerancholai		16	224	84		
13	Kuchchaveli		112	365	96		
14	Casimnagar		20	294	149		
15	Jayanagaar		20	235	87		
16	Senthoor		47				
17	Thiriyai		99	614	81		
18	Kattukulam		105	404	92		
19	Kallampathai		16	46			
20	Pulmoodai-01		33	644	97		
21	Pulmoodai-02		85	320	215		37
22	Pulmoodai-03		41	544	105		
23	Pulmoodai-04		106	466	115		
24	Thennamaravaady		12	75	74		
	Total	91	1519	6174	2378	0	76

Source: Department of Animal Production & Health

8.5 Breeding Materials in GN Division: 2020

S.No.	GN Division	Rabbits	Goats	Neat Cattles		Buffaloes	Poultry-Pullets	Poultry	Poultry	Poultry	Ducklings
				Male	Female			Cockerels	Broilers	Unsexed	
1	Periyakulam		255		9						
2	Iqbalnagar		120	-	1	-	-	-	-	110	-
3	Velloor	8	170	35	142	40	880	150	480		39
4	Nilaveli				9					283	
5	Gobalapuram		152	57	120	57	86	90	110	95	
6	Vaalaiuttru		65					45			
7	Irkakandy	-	18								
8	Kumburupity-East		52	23	98			42	80	165	
9	Kumburupity-South	-	21	-	4	-	-	-	-	85	
10	Kumburupity-North	-	10								
11	Iranaikerny		46							105	
12	Veerancholai	-	75	-	1	-	-	-	-	80	
13	Kuchchaveli	-	125	-	-	-	-	-	-	85	
14	Casim nagar		142							90	
15	Jayanagaar		64						600		
16	Senthoor	-	65	-	-	-	-	-	-	95	
17	Thiriyai		250								
18	Kattukulam		243	425	900	270		104	90	404	
19	Kallampathai		150	250	100	270		15		42	
20	Pulmoodai-01	-	74	-	-	-	-	-	-	84	
21	Pulmoodai-02		46	23	12			192		145	37
22	Pulmoodai-03	-	64	-	-	-	-	-	-	85	-
23	Pulmoodai-04	-	192	-	-	-	-	-	-	85	
24	Thennamaravaady	-	29	-	-	-	-	-	-	40	
	Total	8	2428	813	1396	637	966	638	1360	2078	76

Source: Department of Animal Production & Health

CHAPTER: 9

FISHERIES

9.0 Fisheries Activity

Kuchchaveli is located in Trincomalee district, which is boundaries by Town and Gravets in the north, Pathavisripura in south, Gomarangadawela in west and the sea in the east. Kuchchaveli division is most suitable for fishing because east coast of the area is surrounding by sea, there many lagoon, lake, natural reservoirs, medium & small tank are located here. Fishing is playing secondary role in livelihood, nearly 3,434 families engaged in Marine fisheries and 668 families are involving an Inland fishing. On the other hand, fishing provides more jobs opportunity other than fisherman.

Inland fisheries appear to have played a significant role the rural community at kuchchaveli division. It is not a large sector; fish has been under taken from small/ medium tank, lagoon and natural river area. Fourteen small / medium tanks are maintaining by National Aqua Cultural Development Authority (NAQDA) those are Nilapanikankulam, Santhanamadukulam, Samanalakulam, Vadalikulam, Periyavillukulam, Palavakulam, Alankulam, Outtankulam, Puthuvelikulam, Kaddukulam, Sinnavalikulam, Thuraiyavelikulam, Andankulam and Thamarikulam.

An inland fishery is an important in kuchchaveli division where widespread malnutrition exists due to the lack of animal protein particularly among the lowest income group. Fresh water fish is cheapest source of protein to them. Primary objectives of inland fisher development programme in kuchchaveli division to increase fresh

water fish production as a cheap source of protein for rural communities, to promote income generation and create employment to the rural youth.

In the past decade, this area was severely affected by the internal war. Due to the security reasons, there were barriers to the fisherman to do their job freely and safely. Therefore, most of the fisherman engaged in inland fishing and low-level sea fishing. The inland fishing satisfied their domestic use only; there was lack of market-oriented fishing. The stakeholders also do not have an involvement to encourage the fisherman towards market-oriented fishing during this period. After 2010 only they engaged towards market-oriented fishing. Furthermore, the Tsunami also affected the livelihood of the fisherman led more adverse the fishing industry. The rehabilitation projects played had major role to enhance their infrastructure facilities. They provided boats, nets, storage facilities, rest room, housing and community hall to uplift their livelihood.

Fisheries contribute a major share to the GDP of the eastern province (estimated at ...% in 2013). Fishing is undertaken by 5%-6% of the population of the province, but their contribution to the economy is proportionately higher. Table blow provides basic statistics of fisheries in the Kuchchaveli GN

9.1 Fishing Factories and Harbours by GN Division

Different fishing factories and harbors types can be summarized as given in the table below.

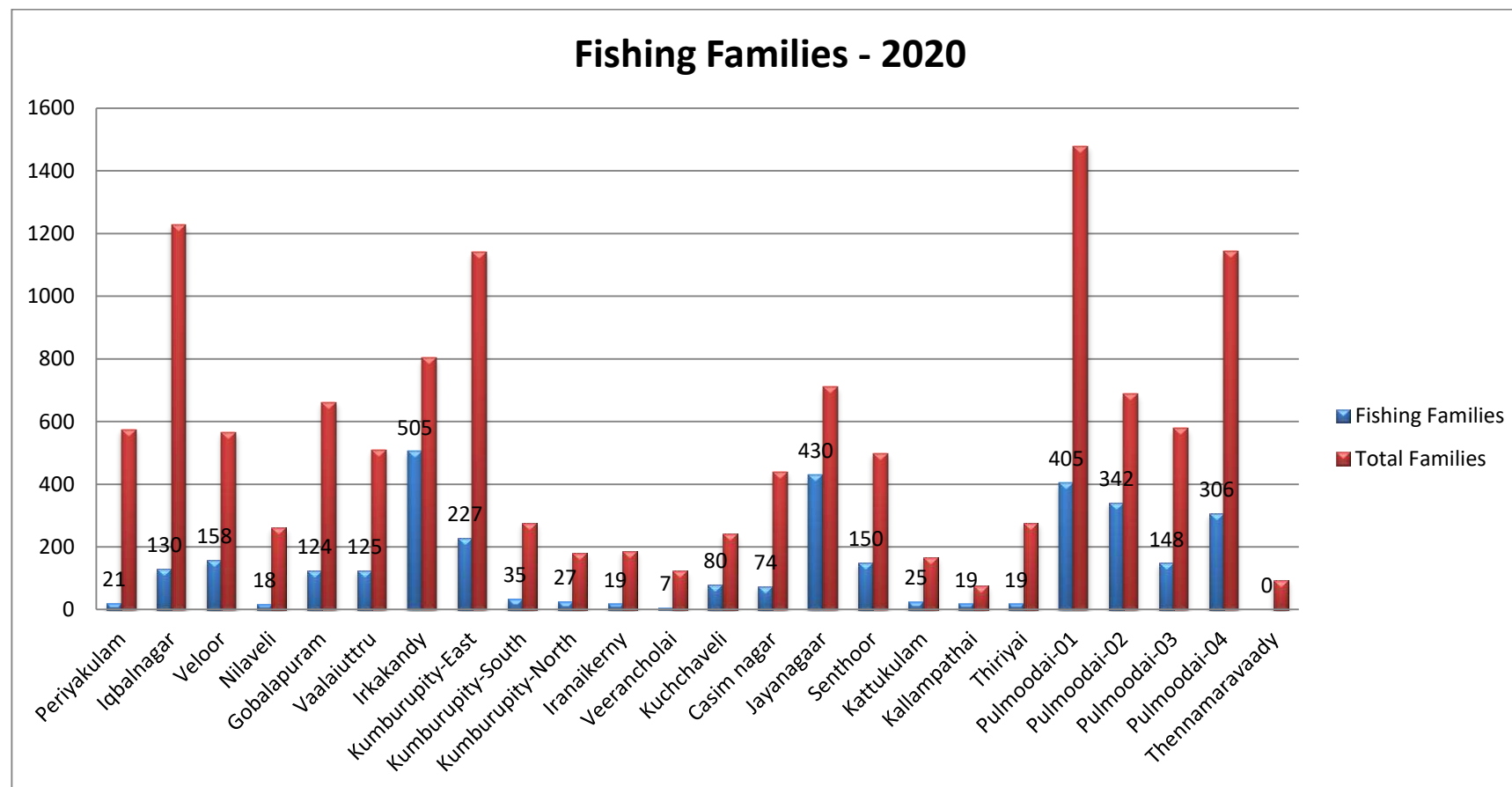
S. No.	Item	2018	2019	2020
1	No. of Fishing Factories	-	-	-
2	No of Inland Storage Factories	3	4	4
3	No of Ice Factories	2	2	2
4	No of Marketing Outlets	2	3	3
5	No. of Fishery Harbors	-	-	-
6	No. of boat landing area	9	9	9

Source: Department of Fisheries, Trincomalee

9.2 Fishing Families and Fishermen in GN Division

S. No.	GN Division	2018		2019		2020	
		No. of Fishing Family	No. of Fishermen	No. of Fishing Family	No. of Fishermen	No. of Fishing Family	No. of Fishermen
1	Periyakulam	16	37	15	35	21	40
2	Iqbalnagar	125	210	125	210	130	220
3	Velloor	154	158	148	155	158	160
4	Nilaveli	13	15	15	17	18	17
5	Gobalapuram	118	126	125	138	124	128
6	Vaalaiuttru	124	158	119	148	125	162
7	Irkakandy	495	628	440	507	505	625
8	Kumburupity-East	223	419	363	429	227	418
9	Kumburupity-South	29	41	32	43	35	43
10	Kumburupity-North	26	32			27	30
11	Iranaikerny	17	23	13	21	19	25
12	Veerancholai	6	16	36	85	7	14
13	Kuchchaveli	68	117	59	76	80	119
14	Casim nagar	65	170	62	164	74	168
15	Jayanagaar	417	578	405	426	430	560
16	Senthoor	124	158	119	148	150	165
17	Thiriyai	60	130	50	100	59	125
18	Kattukulam	17	17	17	51	25	21
19	Kallampathai	12	37	10	34	19	41
20	Pulmoodai-01	380	637	375	632	405	645
21	Pulmoodai-02	342	386	310	354	342	385
22	Pulmoodai-03	147	236	147	236	148	238
23	Pulmoodai-04	304	346	289	331	306	398
24	Thennamaravaady	-	-	-	-	-	-
	Total	3282	4675	3274	4340	3434	4747

Source: Department of Fisheries, Trincomalee



As can be observed from Table there are 3434 no of fishing families and 4747 no of fishermen on the GN at 2020. Below chart describes the trend of the fishing population in different categories. Evaluate with the type 36% and 1% of families were taken portion in marine and inland fisheries also 60% of active fishermen. 3630 family were affected by Tsunami and war

9.3 Fishing Population in GN Division

S. No.	Villages	No. of Families	No. of Marine Fisheries Families	No. of Inland Fisheries Families	Active Fishermen	
					Marine Fishermen	Inland Fishermen
1	Periyakulam	574	21	2	11	5
2	Iqbalnagar	1227	130	-	210	-
3	Velloor	566	158	25	154	15
4	Nilaveli	261	18	5	2	10
5	Gobalapuram	661	124	14	166	20
6	Vaalaiuttru	510	125	35	155	56
7	Irkakandy	804	505	100	382	110
8	Kumburupity-East	1141	227	65	343	76
9	Kumburupity-South	276	35	20	6	35
10	Kumburupity-North	180	27	2	30	
11	Iranaikerny	187	19	3	14	3
12	Veerancholai	123	7	-	16	-
13	Kuchchaveli	241	80	7	90	27
14	Casim nagar	440	74	12	170	18
15	Jayanagar	711	430	20		
16	Senthoor	498	150	148	282	151
17	Thiriyai	166	59		130	
18	Kattukulam	76	25	14		17
19	Kallampathai	277	19	4	20	17
20	Pulmoodai-01	1478	405	5	632	5
21	Pulmoodai-02	688	342	7	381	11
22	Pulmoodai-03	578	148	-	236	8
23	Pulmoodai-04	1143	306	180	86	143
24	Thennamaravaady	94	-	-	-	-
	Total	12900	3434	668	3516	727

Source: Department of Fisheries, Trincomalee

9.4 Fisherman Co-operative Societies in GN Division

S. No.	Village	No. of Registered Co-operative Societies	No. of Members in Fisheries Co-operative Societies		
			M	F	Total
1	Periyakulam	1	10	-	10
2	Iqbalnagar	1	62	-	62
3	Velloor	2	225	-	225
4	Nilaveli	-	-	-	-
5	Gopalapuram	1	138	12	150
6	Vlaiyoththu	1	193	-	193
7	Irakkakandy	1	178	32	210
8	Gandinagar	1	24	-	24
9	Navatsolai	1	125	-	125
10	Salapaiyaru	1	42	-	42
11	Veeranchoolai	1	-	-	-
12	Senthoor	1	360		360
13	Kallarawa	1			
14	Jayanagar	5	75		
15	Jayanagar	1			
16	Cassimnagar	1	170		170
17	Pulmoodai1	1			
18	Pulmoodai2	1	172	2	174
19	Pulmoodai3	1			
20	Pulmoodai4	1			

Source: Department of Fisheries, Trincomalee

100% of fishermen cooperative societies were registered in cooperative societies and 75% of fishermen were members of any registered cooperative societies. Various no of beneficiaries under fishermen pension scheme types can be summarized as given in the table below. About one-third of the divisional beneficiaries' pension scheme is used for fishermen benefited under pension scheme; another third comprises pension scheme for number of fishermen received pension and the rest used for paying premium on installment basis.

9.5 Fish Production in GN Division – 2020

S. No.	GN Division	Fresh Fish Production (Mt)	Dried Fish Production (Mt)
1	Periyakulam	6400	
2	Iqbalnagar	38000	55000
3	Velloor	135	25
4	Nilaveli	8100	
5	Gobalapuram	25120	
6	Vaalaiuttru	15	2
7	Irkakandy	750	10
8	Kumburupity-East	104980	5100
9	Kumburupity-South	2700	1800
10	Kumburupity-North	0	
11	Iranaikerny	1	0.5
12	Veerancholai	15420	
13	Kuchchaveli	13750	4600
14	Casimnagar	565	39
15	Jayanagaar	14650	7
16	Senthoor	68	18
17	Thiriyai	5210	1020
18	Kattukulam	10	
19	Kallampathai	55	
20	Pulmoodai-01	113800	7250
21	Pulmoodai-02	81400	5700
22	Pulmoodai-03	43000	6400
23	Pulmoodai-04	35	8
24	Thennamaravaady		
	Total	474164.0	86979.5

Source: Department of Fisheries, Trincomalee

9.6 Number of Crafts in Operation in GN Division

S. No.	GN Division	Out Board FRP	In Board Multiday	In Board One day	Traditional Mechanized	Traditional non-Mechanized	Number of Karavala
1	Periyakulam	3	-	-	-	-	-
2	Iqbalnagar	57	-	-	-	19	
3	Velloor	143	2			6	2
4	Gopalapuram	15					
5	Nilaveli						
6	Vlaiyoththu	80			13		3
7	Irakkakandy			142		61	5
8	Iranaikeny					1	2
9	Gandinagar	15	19				
10	Navatsolai	25	27				
11	Salapaiyaru	21	21				
12	Veeranchoolai	2	-	-	2	4	22
13	Kuchchaveli	16	-	-	6	3	11
14	Kallarawa	21					10
15	Jayanagar	353		36	3		3
16	Casimnagar	50			6	12	
17	Sakarapura	39					
18	Valapaddukudah	70					
19	Sallimunai	55					
20	Pudaivaikaddu	127	23	-	62	45	
21	Pallavakulam	2	-		275		
22	Pulmoodai1	165			55	64	2
23	Pulmoodai2	276		162		12	
24	Pulmoodai3	-	-	-	25	-	-
25	Pulmoodai4	65					2
	Total	1600	92	340	447	227	62

Source: Department of Fisheries, Trincomalee

CHAPTER: 10

TRANSPORT AND COMMUNICATION

10.0 Road Development

Roads in Srilanka which are divided under five classes as follows A,B,C,D and E, from those "A" and "B" class roads are maintained by Road Development Authority. "C" Class roads are maintained by Road Development Department and "D" and "E" classes roads are maintained by pradeshia sabha and there are no "A" class roads entitle for entire kuchchaweli division. This Chapter will provide

details readings names of roads, nature of roads, length of roads, and type of roads. Further that longer road is Trincomalee to Pulmoddai With length of 46.23 KM it has been prepared in Kuchchaveli Division and lower length of road is Nilaveli Saltern Office Road With length of 1.64 KM it has been prepared in Nilaveli within GN division.

10.1 Road Particulars (B & C)

S. No	GN Division	Name of the road	Grade & No	Length (Km)	Nature of Road	Maintained by
01	All Division	Trinco – Pulmoddai Road	B 424	46.23	Tar	RDA
02	Nilaveli	Nilaveli Saltern Office Road	B 327	1.64	Tar	RDA
03	Kumpurupiddy East	Bega Road	B 366	2.42	Tar	RDA
04	Pulmoddai	Bohawewa – Pulmoddai Road	B 60	15.58	Tar	RDA
05	Nilaveli	Nilaveli – Periyakulam Road	C	2.40	Gravel	RDD
06	Thiriyai	Thiriyai Kaddukkulam Road	C	2.80	Tar	RDD
07	Kuchchaveli	Kuchchaveli – Kallampathai Road	C	9.65	Gravel	RDD
08	Thennamaeawady	Amarivayal – Thennamaravady Road	C	9.26	Gravel	RDD

Source: RDA & RDD

The total length of 65.87 KM in 17 % of "B" class road, total length of 24.11 KM, in 6 % of "C" class roads and total length of 306.52 KM, in 77 % of "D" and "E" class roads are available in GN division.

10.2 Particulars Roads in GN Division

S. No	GN Division	Nature of Road (Km/M)				Total Length (Km/M)
		Tar	Concrete	Gravel	Earth	
01	Periyakulam	0.75	0.10	19.51	0.00	20.36
02	Iqbal Nagar	4.73	1.50	6.77	0.00	13.00
03	Velloor	0.56	0.50	4.19	5.05	10.30
04	Nilaveli	2.20	0.43	2.31	1.47	6.41
05	Gopalapuram	1.50	0.80	10.34	0.00	12.64
06	Valaiyoothu	0.00	2.00	4.96	0.50	7.46
07	Irrakkakandy	2.90	2.00	0.80	0.75	6.45
08	Kumpurupitty East	3.00	0.10	13.14	0.85	17.09
09	Kumpurupitty South	0.20	0.60	9.80	4.01	14.61
10	Kumpurupitty North	0.00	0.18	1.54	1.69	3.41
11	Iranaikerni	1.50	0.65	1.55	0.52	4.22
12	Veerancholai	1.30	0.30	3.69	0.86	6.15
13	Kuchchaveli	0.00	0.25	14.15	0.00	14.40
14	Casim Nagar	1.50	1.50	16.05	0.00	19.05
15	Jaya Nagar	2.80	0.80	4.00	0.00	7.60
16	Senthoor	0.00	0.85	4.95	6.37	12.17
17	Thiriyai	0.00	0.00	8.97	3.98	12.95
18	Kaddukulam	0.00	0.20	14.15	20.91	35.26
19	Kallampathai	0.00	0.00	5.00	0.00	5.00
20	Pulmoddai -1	0.00	1.20	4.79	13.70	19.69
21	Pulmoddai – 2	0.00	0.62	1.50	3.07	5.19
22	Pulmoddai – 3	0.00	1.00	21.31	3.24	25.55
23	Pulmoddai – 4	0.00	0.80	5.07	8.64	14.51
24	Thennamarawady	0.00	0.00	0.00	18.05	18.05
	Total	22.94	16.38	178.54	93.66	306.52

Source: Pradeshiya Sabha

The main road of Trinco to Pulmoddai under class “B” is expanded by 55.23 Km it's out of 46.11KM (length which is entitle for entire kuchchiweli division). The total length of 16.38 Km **concrete** road, it is 5 %, the total length of 22.94 Km

Tarred Road, it is 7 %, the total length of 173.54 Km **Graveled** Road, it is 57 %, and total length of 93.66 Km Road by **earth**, it is 31 % out of total road availability in GN division

10.3 Bridges & culverts Details in GN Division

Following table will mention details about bridges which have constructed along Trinco to Pulmoddai road and details about culverts and causeway which have been attached with domestic roads in GN division. (By the name of culvert known

as that using single concrete barrel to evacuating drainage water and the name Causeway is known as using of number of concrete barrels across the roads to evacuating drainage water).

10.3 Bridges & Culverts Details in GN Division

S. No	GN Division	Name	Number	Length (M)	Maintained by
01	Periyakulam	Culverts	9		
02	Nilaveli	Nilaveli Caueway	14/1	5.0	RDA
03		Nilaveli Caueway	15/1	5.0	RDA
04		Nilaveli Caueway	15/1	5.0	RDA
05	Gopalapuram				
06	Valaiyoothu	Culvert	07		Pradesha sabha
07	Irrakakkandy	Irrakakkandy Bridge	1	330	RDA
08	Salapaiyaru	Salapaiyaru Bridge	30/2	100	RDA
09	Kum-North	Culvert	4		
10	Jayanagar	Sallimunai Causeway	37/1	6.0	RDA
11	Jayanagar	Sallimunai Causeway	38/1	6.0	RDA
12	Ward 05	Culvert	15	120mm	
13	Kallarawa	Culvert	12	100mm	
14	Pulmoddai 2	Rahuman Internal Road	1	15'	Pradesha sabha
15		Ponmalaikuda Road	1	15'	Pradesha sabha

Source: Road Development Authority

There are 04 numbers of bridges and 11 numbers of causeways are in DS division.

10.4 Particulars in Motor Vehicles

S. No	GN Division	Cycle	Motor Cycl	Car	Three-Wheeler	Lorries	Land Vehicle	Bus	Tractor	Two-wheel Tractor
1	Periyakulam	35	38		6					
2	Iqbal Nagar	1200	185	1	29	1	-	-	5	5
3	Velloor	180	290	2	35	5	1		6	3
4	Nilaveli	10	15	2	8	3	3	1	12	1
5	Gopalapuram	850	150	3	67	9		2	9	2
6	Valaiyoothu	145	56	2	18	3		2	4	2
7	Irrakkakandy	210	80	2	25		4		4	
8	Kumpurupitty East	190	82	1	26	1		1	1	6
9	Kumpurupitty South	380	50	1	14				5	2
10	Kumpurupitty North	80	30		7	1	1	1	2	2
11	Iranaikerni	35	10		4	1			3	2
12	Veerancholai	2	1	-	1	-	-	-	-	-
13	Kuchchaveli	29	25	1	4	1	-	-	-	-
14	Casim Nagar	165	80	2	18	8	2		12	5
15	Jaya Nagar	530	250	4	45	3			2	
16	Senthoor	36	15	2	3				3	
17	Thiriyai	90	56		8	2		2	16	1
18	Kaddukulam	1	19		1				4	
19	Kallampathai	1	1	-	-	-	-	-	-	-
20	Pulmoddai -1	425	205	1	13	1	6	2	12	5
21	Pulmoddai - 2	650	265	1	24	2			6	3
22	Pulmoddai - 3	480	350	1	159	2	-	1	16	16
23	Pulmoddai - 4	250	550	3	56	14	34		29	4
24	Thennamarawady	30	12	-	1	-	-	-	15	2
	Total	6004	2815	29	572	57	51	12	166	61

Source: Field Data

according to this table 61.5 % of Cycles, 28.8 % of Motorcycles, 5.9 % of three Wheelers, 0.3 % of Cars, 0.1 % of Buses, 0.5 % of dual-purpose vehicles, 0.6 % of Lorries, 1.7 % of tractors and 0.6 % of Two Wheel tractors are used in this GN division, also 6004 number of Cycles are used as highest and 12 number of Buses are used as lowest in GN division.

CHAPTER: 11

POWER & ENERGY

11. o Power & Energy

Under mahinda chindana in 2010, it says that will be completed on ground of providing electricity facilities to whole families within the entire nation by 2016. This chapter will illustrate details about consuming of power and energy on fuel base productions and electricity from house hold level up to industries, details about availabilities of electricity facilities as well as supplies for electricity facility.

11.1 Petroleum Products Consumed in GN Division: 2013

DS Division	Year	Petrol (Ltrs)	Deesel (Ltrs)	Kerosene (Ltrs)	Furnace Oil (Ltrs)	Total
Kuchchaveli	2016	2,500,000	1,500,000	100,000	7,500	4,107,500
	2017	2,800,000	1,600,000	110,000	8,500	4,518,500
	2018	3,000,000	1,800,000	120,000	9,000	4,929,000
	2019	3,300,000	1,900,000	125,000	9,500	5,334,500
	2020	3,500,000	2,100,000	130,000	9,800	5,739,800

Source: Filling Station, Valayootu

11.2 Electricity Consumer & Request

S. No.	GN Division	Electricity Facilities			
		Total Family	with electricity connection	without electricity connection	Kerosene using Family
1	Periyakulam	574	551	23	10
2	Iqbalnagar	1227	1,190	37	9
3	Velloor	566	444	122	18
4	Nilaveli	261	247	14	5
5	Gobalapuram	661	654	7	32
6	Vaalaiuttru	510	489	21	18
7	Irkakandy	804	672	132	45
8	Kumburupity-East	1141	1123	18	42
9	Kumburupity-South	276	257	19	23
10	Kumburupity-North	180	164	16	15
11	Iranaikerny	187	175	12	8
12	Veerancholai	123	131	-8	9
13	Kuchchaveli	241	255	-14	5
14	Casim nagar	440	458	-18	13
15	Jayanagaar	711	585	126	50
16	Senthoor	498	482	16	13
17	Kattukulam	166	126	40	18
18	Kallampathai	76	50	26	27
19	Thiriyai	277	274	3	24
20	Pulmoodai-01	1478	1,435	43	13
21	Pulmoodai-02	688	663	25	5
22	Pulmoodai-03	578	583	-5	12
23	Pulmoodai-04	1143	1,056	87	29
24	Thennamaravaady	94	89	5	5
	Total	12900	12153	747	448

Source: Filling Station, Valayootu

CHAPTER: 12

HEALTH FACILITIES

12.0 Health Facilities

Equity of access to free quality health care is the national health policy of the government. Health development has been recognized as an integral component of national social development programme in Srilanka.

The government of Sri Lanka supports and significant improvements in social development such as improvement in public health care system and education. Health promotion, prevention and control of both communicable and non-communicable are the major functions covered under the health sector development. Hence, fostering healthy life styles conducive to and capable of protecting, preventing and promoting the health of population, particularly of school children, youths, expectant mothers and adolescents are underlying facts in promoting health development. Community participation in planning and delivery of health services is considered prime importance. Better health service is ensured by strengthening the quality of training programme of health personnel. Effective implementation of family planning, strengthening information, education and communication for healthy living and rational use of health care facilities are also some of the aspects have to be paid much attention.

Major health threats such as malaria have been substantially controlled and the health service has been expanded to cover the entire island, thereby resulting in a substantial reduction of the mortality rate.

The broad objectives of the health policy of the Sri Lanka government are to increase the life expectancy and improve the quality of life. This is to be achieved by controlling preventable diseases and by health promotion activities. In Sri Lanka, both public and private sectors provide health care. The public sector health care comprises Western, Ayurvedic and Homeopathy systems, while the private sector consists of practitioners of Western, Ayurvedic, Siddha, Unani, and Homeopathy systems. The government provides free health care services including specialised and intensive services through an extensive network of health care institutions.

12.1 Birth, Death and Mortality

Crude Birth Rate		Crude Death Rate		Infant Mortality Rate		Maternal Mortality Rate	
2019	2020	2019	2020	2019	2020	2019	2020
21.5	19.4	1.8	3.2	10.2	3.6	0.003	0.001

Source: MOH office, Kuchchavel

As Table 12.1 is shows Birth, Death and Mortality for the GN Division were very poor in comparison with national averages. Sri Lankan life expectancy at birth was about 70 years in 1981, and has risen slightly in 2004 to 71.7 years for males and 76.4 years for females. This records a considerable increase from 1963, when it was only 63.5 years. Crude Birth Rate in the period of the 2019 was 21.5% and it boost by 21.4% by in 2013. The data of crude death detail are not available. The infant mortality was 12.2 per 1000 live births in 2012 and in reduced 5.6 in 2013. Maternal Mortality was 0.007 in 2012 and reduced 0 during the same period.

12.2 New Acceptance of Family Planning by GN Division

Kuchchaveli	Tubectomy		Vasectomy		Injection		Loops		Oral		IMP
	2019	2020	2019	2020	2019	2020	2019	2020	2019	2020	2020
Kuchchaveli	198	564	DNA	DNA	560	1192	129	332	252	701	242

Source: MOH office, Kuchchavel

According to this table 564 families Tubectomy, 1192 families Injection, 332 families Loops and 701 families Oral, 242 families IMP are used in this GN division for the family planning.

12.3 Communicable Diseases for Kuchchaveli MOH area in 2020

S.No.	Diseases	2020	
		Cases	Deaths
1	Cholera	-	-
2	Plague	4	-
3	Yello fever	-	-
4	AFP	1	-
5	Chickenpox	3	-
6	Dengue	1	-
7	Diphtheria	1	-
8	Dysentery	1	-
9	Encephalitis	1	-
10	Enteric fever	-	-
11	Food poisoning	1	-
12	Human Rabies	-	-
13	Leptospirosis	-	-
14	Malaria	1	-
15	Measles	-	-
16	Meningitis	1	-
17	Mumps	-	-
18	CRS	3	-
19	Simple cont.fever	-	-
20	Tetanus	-	-
21	Neonatal tetanus	1	-
22	Typhus Fever	1	-
23	Viral Hepatitis	-	-
24	Whooping Cough	-	-
25	Watery diarrhoea	-	-
26	Tuberculosis	15	-
27	Laeshmania	-	-
28	Rubella	8	-
29	Chikungunya	-	-

Source: MOH office, Kuchchaveli

12.4 Medical Health Institutions by GN Division

S. No.	Name of Institutions	Location	No. of Institutions		No. of Beds		Out-Door Patients Treated		In-Door Patients Treated	
			2019	2020	2019	2020	2019	2020	2019	2020
1	Divisional Hospital	Nilaveli	1	1	30	30	29,322	30,140	1,432	1,521
2	Aurvedic Hospital	Gobalapuram	1	1	40	40	5,880	6,140	333	152
3	Central Dispensary	Kumpurupiddy	1	1	-	-	12,523	12,257	-	1,480
4	Divisional Hospital	Kuchchaveli	1	1	35	45	18,420	28,248	1,308	1,693
5	Divisional Hospital	Pulmoddai	1	1	60	75	38,450	35,675	9,661	9,234

Source: MOH office, Kuchchaveli

The front line health services at the village level are not available in a continuous 24 hours basis. The village level health care in the maternal and child services is provided by the Gramodaya health centre through a Family Health Officer (Public Health Midwife.)

12.5 Health Status & Health Services in Kuchchaveli Division

S.No.	Indicators	2020	Remarks
1	Vital statistics		
2	Crude Birth rate	21.04	707 Birth reported by MOH
3	Crude Death rate		Data not available
4	Infant mortality rate	5.56	
5	Child mortality rate	5.76	
6	Maternal mortality rate	0	
7	Still Birth rate	7.03	
8	Community Health		
9	% of notified cases investigated	100	
10	% of household with adequate latrine facilities	66.8	
11	% of household with availability of safe drinking water		Data not available
12	% of food Establishments examined	100	
13	% of fully Immunized	98	
14	% of pregnant women protected with tetanus toxoid	100	
15	% of pregnant women receiving clinic care	94.04	
16	% of deliveries conducted by trained personnel	99.78	
17	% of mother receiving post natal care	87.3	within 10 days
18	% of infant registered	98.5	
19	% of Pre-School children visited clinics	3125	
20	% of eligible couples using family planning	60.13	
21	% of malnourished children seen at clinics pre-school	22.63	2-5 years old
22	% of school taken up for SMI	100	
23	% of school screened dental health	0	No school dental therapist
24	Specialized Campaign		
25	No. of cases of malaria	0	
26	No. of cases of Tuberculosis	10	
27	No. of Leprosy cases registered	0	
28	No. of STD cases registered	8	
29	No. of dogs vaccinated	2348	Sterilization permanent 902
30	No. of Dengue fever registered	1	

Source: MOH office, Kuchchaveli

CHAPTER: 13

FORESTRATION

13.1 Forest Conservation

S. No.	Village	Forest Conservation	
		Forest Land in Ha.	Deforest land %
1	Periyakulam	24	2
2	Iqbalnagar	-	-
3	Velloor	6.4	
4	Nilaveli		
5	Gopalapuram	Nil	
6	Valaiyoothu	Nil	
7	Irakakandy	Nil	
8	Kompurupidi East	-	-
-9	Kumprurupidi North	Nil	
10	Kumpurupidi south	36	10
11	Iranakerny	135	
12	Verancholai	6	-
13	Kuchchaveli	17	1
14	Cassimnagar	183.89	
15	Jayanagar	15	
16	Kaddukulam	22	5.4
17	Senthur	16	-
18	Thiriyai	431	
19	Pulmoodai -1	18	2
20	Pulmoodai – 2	15	
21	Pulmoodai -3	16	3
22	Thennamaravadi	21	2
23	Pulmoodai-4	14	1
24	Kallampathai	1586.22	

Source: Environmental Authoroty, Trincomalee

CHAPTER: 14

INDUSTRIES

14.0 Industries & Marketing

Kuchchaveli divisions under the department of industries sectors in term of some medium industries have been implemented. Handloom weaving and dyeing of fabric palm-based industries sectors with about 05 industries are implemented. it is also present in our DS division of various industry sectors small and medium industries it is also present in our section of different industry sectors including small and micro scale nearly 120 industries legally registered and practice but some in the industry are working in rural village and seen many other villages are seen as pioneers in the record associated with inactivity are found. The government and private organizations receive assistance with their legal problems reach the opposite directions are here.

Our functional areas as well as small and medium sized industrial enterprises had not properly registered with the state to receive the benefits available. As well as the obvious financial needs through formal banking activities can be performed properly by gaining the right to receive technical assistance, new approaches and new marketing strategies in the industry using the most advanced in the industry to gain profit in the life of the superior.



14.1 Small industrial Centers in Kuchchaveli Division

S. No.	GN Division	Handicraft/Fancy /Beauty culture	Dairy production/Ice cream/yogurt	processing fish / preparing dry fish	Gingerly oil/coconut oil	bGrinding mill/ Rice mill	Food product/Short eats/Snakes	Palm product/Palmira leaf product	Soft Drink	Coir & rope	Garments And tailor shop	metal industries, Service station	Salt product	Vehicle/IT product/Repairing	Carpentry	Others
1	Periyakulam	1			1	2	5									
2	Iqbalnagar	20	-	3	1	3	7	-	-	-	6	-	-	8	1	
3	Velloor			2			3							3	1	5
4	Nilaveli					3	2		2		2				3	1
5	Gobalapuram	1				2	5		3					1	3	
6	Vaalaiuttru	Nil														
7	Irkakandy	5		2		1	32	1			50				7	
8	Kumburupity-East					2	6							1	3	
9	Kumburupity-South					2			1		1					
10	Kumburupity-North					1	3									
11	Iranaikerny			2		1	2									
12	Veerancholai	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-1
13	Kuchchaveli	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-
14	Casim nagar	1	8			3	6				3			3		
15	Jayanagaar			10		2	8		10		3			3	2	
16	Senthoor	-	-	13	-	1	-	-	-	-	-	-	-	-	-	
-17	Thiriyai	-	-	-	-	3	1	-	-	-	2	-	-	1	1	-
18	Kattukulam	1	-	-	-	-	1							1		
19	Kallampathai	-	-	-	---	-	-	-	-	-	-	-	-	-	-	-
20	Pulmoodai-01	1	-	4	-	3	4	-	3	-	5	-	-	2	2	-
21	Pulmoodai-02			5		5	4		2		2			2	3	
22	Pulmoodai-03	-	1	2	1	3	1	-	1	-	-	-	-	2	1	-
23	Pulmoodai-04			18		7	9		4		2	2		2	4	
24	<i>Thennamaravaady</i>															
	Total	31	9	61	3	46	99	1	26	0	76	2	0	29	33	5

14.2 No of Small Business by G.N. Division (Village) with Registered

S. No.	GN Division	Type of Small Business																	
		Groceries Retails	chemical/ agrochemical / Medicine	building Material supply	Fish /Dry fish marketing/Meat sales	Morebick Spareparts/Auto Mobile	Vegetable/ fruit Sales	Fancy goods/jewellery sales	hardware supply/Related work	Cool drink shop/Ice cream parlour	Mobil phone sale /recharging centre	photo printing studio/	timber / furniture Sale	Textile	Statinary/book shop/ computer items	Ticket booking /forgien employment	Fuel Station	resturent	Others
1	Periyakulam	5		4	1					1									
2	Iqbalnagar	32	-	3	3	-	3	2	2	3	-	-	1	4	-	-	-	4	10
3	Veloor	12	1		2	2	3	2	4	2	1	3		2				5	1
4	Nilaveli			1			1	1	1			2		1					2
5	Gobalapuram	32		1				2		3		1							
6	Vaalaiuttru	51		1			1										1		
7	Irkakandy			2	2		5	4	2	4	4	4	1	2	2			2	
8	Kumburupity-East	24	1					2											
9	Kumburupity-South	7					2												
10	Kumburupity-North			1		1						1							
11	Iranaikerny	4																	
12	Veerancholai	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	2
13	Kuchchaveli	6	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
14	Casim nagar	8			1		1	2	2	5	2	1		3	2				6
15	Jayanagaar	15			10		9	8		3				3	6				
16	Senthoor	51		1			1												
17	Thiriyai	5			4					1									
18	Kattukulam	5								1									2
19	Kallampathai	2																	
20	Pulmoodai-01	33	-	-	2	-	-	2	4	3	-	1	2	1	-	-	1	-	4
21	Pulmoodai-02	4											1						5
22	Pulmoodai-03	7	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
23	Pulmoodai-04			6	14	2	1	3	1	5					1				
24	Thennamaravaady	2																	1
	Total	305	02	20	40	5	28	28	18	31	7	13	5	16	11	0	2	11	34

Source: Department of Industries