

## ECONOMIC SURVEY 2018– 2019

*Name of Department: Directorate of Hospital & Medical Education, Health & Family Welfare Department.*

### **I. INTRODUCTION:**

The Directorate of Hospital & Medical Education is one of the two wings of the Health & Family Welfare Department, Government of Mizoram with a separate Budget since 2006-2007, it is a social service sector encompassing most of the aspects of human life and a secondary health care Department. It has also inter-sectoral role and linkages with majority of the Department for the service to the people of Mizoram. Since its inception, it is look after eight (8) Districts Hospitals viz. Aizawl, Lunglei, Lawngtlai, Mamit, Kolasib including Mizoram State Cancer Institute/Cancer Hospital, Zemabawk, Kulikawn Hospital, State Referral Hospital Falkawn along with three (3) Medical Institutions viz. School of Nursing, Lunglei and Thingdawl, Mizoram College of Nursing (MCON), Falkawn.

### GOVERNMENT HOSPITALS (2017 – 2018)

<b>Sl. No.</b>	<b>Name of Hospitals</b>	<b>No. of Beds</b>
<b>1</b>	Civil Hospital, Aizawl	269
<b>2</b>	Kulikawn Hospital, Aizawl	50
<b>3</b>	Civil Hospital, Lunglei	150
<b>4</b>	District Hospital, Champhai	75
<b>5</b>	District Hospital, Serchhip	60
<b>6</b>	District Hospital, Saiha	45
<b>7</b>	District Hospital, Kolasib	60
<b>8</b>	District Hospital, Mamit	30
<b>9</b>	District Hospital, Lawngtlai	30
<b>10</b>	Referral Hospital, Falkawn (including TB Hospital)	205
<b>11</b>	Mizoram State Cancer Institute (MSCI)	50
<b>12</b>	Tlabung Sub-divisional Hospital	30
<b>13</b>	Integrated Ayush Hospital, Thenzawl	50
	<b>Total</b>	<b>1104</b>

### NON - GOVERNMENT (PRIVATE) HOSPITALS (2017 – 2018)

<b>Sl. No.</b>	<b>Name of Hospitals</b>	<b>No. of Beds</b>
<b>1</b>	Presbyterian Hospital, Durtlang	355
<b>2</b>	Christian Hospital, Serkawn	100
<b>3</b>	Greenwood Hospital, Bawngkawn	87
<b>4</b>	Adventist Hospital, Seventh Day Tlang	50
<b>5</b>	Nazareth Hospital, Chaltlang	40
<b>6</b>	Bethesda Hospital, Bawngkawn	60
<b>7</b>	Aizawl Hospital & Research Centre, Mission Veng	145
<b>8</b>	Vaivenga Hospital & Research Centre, Dawrpui	22
<b>9</b>	Grace Nursing Home, Electric Veng	32
<b>10</b>	New Life Hospital, Chanmary	43
<b>11</b>	Maraland Gospel Centenary Hospital, Saiha	60
<b>12</b>	Lairam Christian Medical Centre, Lawngtlai	50
<b>13</b>	Alpha Hospital, Kulikawn	30
<b>14</b>	Med-Aim Adventist Hospital, Champhai	22
<b>15</b>	B.N. Hospital Kulikawn	47
<b>16</b>	Nazareth Nursing Home, Tumpui Kolasib	20
<b>17</b>	Hope Hospital, Lunglei	35
<b>18</b>	Faith Hospital, Lunglei	30
<b>19</b>	D.M Hospital, Champhai	30
<b>20</b>	City Hospital, Mission Veng	62
<b>21</b>	LRM Hospital, Ramhlun, Aizawl	67
<b>22</b>	Redeem Hospital, College Veng, Aizawl	16
<b>23</b>	John William Hospital, Lunglei	26
	<b>Total</b>	<b>1284</b>

- Tlabung Sub Divisional Hospital is under the establishment of Dte. Of Health Services included in Government Hospitals.

**OUT – PATIENT & IN – PATIENTS DURING 2016 – 2017**

Sl. No.	Hospitals	No. of Out-Patients	No. of In-Patients
1	Government Hospitals	724701	47061
2	Non- Government Hospitals	248955	47096

**OUT – PATIENT & IN – PATIENTS DURING 2017 – 2018**

Sl. No.	Hospitals	No. of Out-Patients	No. of In-Patients
1	Government Hospitals	758169	47799
2	Non- Government Hospitals	255986	45940

- **Empanelled Hospitals outside the State**

**a) Kolkata –**

- i) BM Birla Heart Research Institute
- ii) Kothari Medical Centre
- iii) AMRI Hospital
- iv) Calcutta medical research Institute
- v) Apollo Gleneagles Hospital
- vi) Chitaranjan National Cancer hospital
- vii) DESUN Hospital
- viii) Nightingale Diagnostic Centre, Kolkata.
- ix) Peerless Hospital & BK Roy Research Centre, Kolkata
- x) Medical Superspeciality Hospital
- xi) Woodland Medical Centre Ltd.
- xii) Fortis Hospital Ltd.,
- xiii) Vision Care Hospital.
- xiv) TATA Medical Centre Trust.
- xv) RG Stone Urology & Laparoscopy Hospital.

**b) Guwahati –**

- i) BBCI
- ii) GNRC Hospital
- iii) Downtown Hospital
- iv) International Hospital
- v) Pratiksha Hospital
- vi) Arya hospital
- vii) Sankardeva Netralaya
- viii) Guwahati Medical College
- ix) Regional Dental College
- x) Institute of ENT, Head & Neck surgery & Research Centre
- xi) Institute of Human reproduction, Bharalumukh

**c) New Delhi –**

- i) Indian Spinal Injury Centre
- ii) Indraprastha Apollo Hospital
- iii) St. Stephens Hospital
- iv) Escort Heart Institute & Research Centre
- v) Sitaram Bhartia Hospital
- vi) National Heart Institute
- vii) AIIMS New Delhi
- viii) Max Super Speciality Hospital, Saket, India.

**d) Mumbai – Tata Memorial Hospital**

**e) Shillong – Bethany Hospital**

**f) Vellore – Christian Medical College**

**g) Apollo Hospitals – Chennai & Hyderabad**

**h) Bangalore – Narayana Hrudayalaya Institute of cardiac Science**

i) **Chennai** – Frontier Lifeline, the International Centre for Cardio Thoracic & Vascular Diseases

j) **Manipur** – Shija Hospital & Research Institute (P) Ltd.

k) **All Government Hospitals**

• **Empanelled Hospitals within the State**

**Aizawl –**

- Presbyterian Hospital, Durtlang
- Greenwood Hospital
- Bethesda Hospital
- Nazareth Hospital
- New Life Hospital
- Grace Nursing Home
- Vaivenga Hospital & Research Foundation
- Aizawl Hospital
- Seventh Day Adventist Hospital, Aizawl
- Mizoram Health Care
- Alpha Hospital
- BN Hospital & Research Centre
- JC Eye Hospital
- Eye Care Community & Research Centre
- Bethany Hospital

**Lunglei –**

- Christian Hospital, Serkawn
- Hope Hospital
- Faith Hospital

**Lawngtlai –**

- Lairam Christian Medical Centre

**Saiha –**

- Maraland Gospel Centenary Hospital

**Kolasib –**

- Nazareth Nursing Home
- Champhai – DM Hospital,
- Med. Adventist, Sevenday Hospital.

**Champhai-**

- Med-Aim Hospital
- DM Hospital

The State's Budget in respect of Directorate of Hospital & Medical Education for the last six years is as detailed under:

<b>2011 - 2012</b>	<b>-</b>	<b>Rs 4275.00 lakhs</b>
<b>2012 - 2013</b>	<b>-</b>	<b>Rs 4376.62 lakhs</b>
<b>2013 - 2014</b>	<b>-</b>	<b>Rs 4937.28 lakhs</b>
<b>2014 - 2015</b>	<b>-</b>	<b>Rs 4377.47 lakhs</b>
<b>2015 - 2016</b>	<b>-</b>	<b>Rs 7894.62 lakhs</b>
<b>2016 - 2017</b>	<b>-</b>	<b>Rs 4936.26 lakh</b>
<b>2017 – 2018</b>	<b>-</b>	<b>Rs 22529.00 lakh</b>
<b>2018 – 2019</b>	<b>-</b>	<b>Rs 144080.79 lakh (excluding additional fund)</b>

## **II. ACTIVITIES OF THE DEPARTMENT & FUTURE PERSPECTIVE**

In order to offer good health care to the people of Mizoram, the Department has been initiated steps for building good infrastructures, diagnostic equipments as well as increase in man-power. Steps are also taken to avoid large no. of patients being referred outside the State, for investigations and treatment as heavy financial loss is incurred to the Government exchequer.

- **NEW ECONOMIC DEVELOPMENT POLICY (NEDP)**

The NEDP is being implemented since 2016 – 2017 under Health & Medical Sector as tabulated under:-

**During 2016 – 2017**

An amount of Rs 9.00 crore was allocated for improvement of Health Care facilities at District Hospitals of Mizoram. The Medical equipments & instruments are successfully installed & commissioned, the intended benefit of the scheme being availed by the needy patients in the state.

An amount of Rs 28.00 crore was allocated for improvement & augmentation of State Referral Hospital, Falkawn, Mizoram. The medical equipments & vital instruments are successfully installed and commissioned. The Civil works portion viz. developments of Hospital Complex viz. Retaining wall, internal road (formation cutting) are successfully completed.

**During 2017 – 2018**

An amount of Rs 20.00 crore was allocated for improvement of Health Care facilities at District Hospitals of Mizoram. The Medical equipments & instruments are successfully installed & commissioned, the intended benefit of the scheme being availed by the needy patients in the state.

An amount of Rs 15.00 crore was allocated for improvement of State Referral Hospital, Falkawn - purchase of MRI Scan Machine and installation of separated electric transformer.

During the Financial year 2018 – 2019, fund is allocated as detailed under:

Sl. No	Name of Scheme	Allocation of fund
1.	Improvement of Health Care facilities in all district Hospitals. 1) Civil Hospital, Aizawl 2) Civil Hospital, Lunglei 3) District Hospital, Saiha 4) District Hospital, Champhai 5) District Hospital, Kolasib 6) District Hospital, Serchhip 7) District Hospital, Lawngtlai 8) District Hospital, Mamit 9) Kulikawn Hospital	Rs 20.00 crore
2.	Improvement of State Referral Hospital, Falkawn.	Rs 20.00 crore
3.	Establishment of Emergency & Trauma Centre at Civil Hospital, Aizawl and Lunglei.	Rs 8.00 crore
4.	In addition, construction of staff quarter at Civil Hospital, Lunglei and Siah	Rs 8.76 crore
	<b>Grand Total</b>	<b>Rs 56.76 crore</b>

- **ESTABLISHMENT OF MEDICAL COLLEGE – MIZORAM INSTITUTE OF MEDICAL EDUCATION & RESEARCH**

The Medical College – Mizoram Institute of Medical Education & Research (MIMER) with intake capacity of 100 students per academic year was inaugurated by the then Hon’ble Chief Minister, Govt. of Mizoram on 11.08.2018

With a rolling out of the Scheme from the Ministry of Health & Family Welfare, Govt. of India with approved cost of Rs 189.00 crore, the existing infrastructure of State Referral Hospital, Falkawn is being upgraded and construction of new buildings are being executed. The 1<sup>st</sup> batch of MIMER has been commenced on 13<sup>th</sup> August, 2018.

The requirement of man power for establishment of MIMER is 628. Out of these, the state Govt. has approved to recruit no. of 409 posts for 1<sup>st</sup> LoP stage. The Department has been processed the recruitment for the said posts and expected to complete the recruitment within February, 2018.

- **ESTABLISHMENT OF GNM SCHOOLS**

Furthermore, the Department has also initiated to establish **4(four) GNM Schools under Ministry of Health & Family(Nursing Division), Government of India, at Champhai, Siaha, Kolasib and Serchhip**, the construction of three school buildings i.e. GNM Serchhip, Champhai and Siaha is undertaken and on the verge of completion. GNM Thingdawl, Kolasib was completed and 1<sup>st</sup> Batch of GNM students admitted on December, 2017.

- **ESTABLISHMENT OF FULL FLEDGED CANCER HOSPITAL, ZEMABAWK**

The Ministry of H&FW, (Cancer Research Section) Government of India has conveyed an Administrative Approval of **Rs. 44.27 crore** with a funding pattern of **90:10** for upgradation of the existing Mizoram State Cancer Institute, Zemabawk, Aizawl. The project includes purchase of high tech equipments and construction of Hospital building. A purchase order for installation of Linear Accelerator (LINAC-Varian TrueBeam) was already issued and Civil works portion of the project is in full swing. The Government of India has already released an amount of **Rs. 1464.00 lakh** as 1<sup>st</sup> installment. State Matching Share amounting to Rs 1.62 crore has already been released by the Govt. of Mizoram and an allocation of Rs 300.00 lakh was received from the Govt. of Mizoram for custom charges.

- **CONSTRUCTION OF HOSTEL FOR MIZORAM COLLEGE OF NURSING, FALKAWN**

With approved cost of **Rs. 1169.97 lakh**, a 200 seat capacity Hostel has constructed by Public Works Department and was inaugurated on the day of 2<sup>nd</sup> June 2017 by Hon'ble Health Minister. It is now fully functioned.

- **CONSTRUCTION OF DIRECTORATE BUILDING**

The Directorate of Hospital & Medical Education is recently accommodated at the new constructed building, New Secretariat Complex, Khatla, Aizawl. The Building was constructed by State PWD under SPA with an approved cost of Rs 825.01 lakh. The Govt. of Mizoram has allocated Rs 2.56 crore for vertical extension of the Directorate Building; fund had already transferred to State PWD.

However, due to financial constraint in the State, major developments like infrastructure viz. construction of Hospital buildings, staff quarters and high tech equipments could not be met from the State Plan Budget as about 85% of the total plan outlay has been utilized for salaries. Therefore, developments stated above in respect of the state like Mizoram depend upon other source of funding agencies like NEC, NLCPR (MoDNER) etc.

Since the Hospitals hi-tech machines, diagnostic equipments and construction of buildings as well are out of bounds from the state budget, fund has been sought to the funding agencies stated above, the on-going projects with funding pattern of 90:10 is as below:-

Sl. No	Name of Project	Approved cost (Rs in lakh)	Status of project
1	Improvement of CSSD at 5(five) Hospitals in the state of Mizoram viz. Civil Hospital Aizawl, Lunglei, Districts Hospital Saiha, Kolasib, Serchhip under NEC.	Rs 300.00	Completed
2	Procurement of CT Scan (16 slice) at Civil Hospital Aizawl under NEC.	Rs 280.00	Completed
3	Strengthening of Cardiology Department at Civil Hospital Aizawl under NEC.-	Rs 499.00	Completed
4	Establishment of State Medical Library at Civil Hospital Aizawl	Rs 361.18	Civil works portion- 100% and 70% of purchase of medical books etc. had been done. Last and final installment with SMS of Rs 72.29 lakh received,

			expenditure sanction being processed.
5	<b>Strengthening of Dental Department at Civil Hospital Aizawl along with District Hospitals in the state of Mizoram under NEC.</b>	<b>Rs 443.76</b>	Revised DPR (Civil works portion) approved by NEC, last and final installment received. Physical achievement is about 80%.
6	<b>Procurement of CT Scan Machine (16 slice) for Civil Hospital, Lunglei under NEC.</b>	<b>Rs 228.00</b>	Machine is already installed and commissioned. Inaugurated by the then Hon'ble Minister, H & FW on 14. 09.2018.
7	<b>Bio-Medical Waste Management System for district hospital Lawngtlai, Champhai, Serchhip, Mamit under NEC.</b>	<b>Rs 468.00</b>	The project achievement is 60%. Installation of incinerators being done.
8	<b>Construction of Main Building of School of Nursing, Synod Hospital, Durtlang, Mizoram.</b>	<b>Rs 833.00</b>	The project achievement is about 20%
9	<b>Construction of 100-Bedded Hospital Saiha under NLCPR.</b>	<b>Rs 1593.00</b>	Work in progress – 82 % achievement as per State P.W.D. report.
10	<b>Construction of 50-Bedded Hospital, Lawngtlai under NLCPR.</b>	<b>Rs 1191.51</b>	Work in progress – 55 % achievement as per State P.W.D. report.
11	<b>Developing Trauma Care Facilities in Govt. Hospitals in National Highway, Civil Hospital, Aizawl under CSS, Ministry of H &amp; FW</b>	<b>Rs 1027.20</b>	Work order issued on 13.09.2018 and it is to be commenced soon.
12	<b>Developing Trauma Care Facilities in Govt. Hospitals in National Highway, District Hospital, Lawngtlai under CSS, Ministry of H &amp; FW</b>	<b>Rs 494.20</b>	Work order issued on 25.07.2018 and it is to be commenced soon.
13	<b>Developing Trauma Care Facilities in Govt. Hospitals in National Highway, District Hospital, Siaha under CSS, Ministry of H &amp; FW</b>	<b>Rs 494.20</b>	Work order issued on 25.07.2018 and it is to be commenced soon.
14	<b>Developing Trauma Care Facilities in Govt. Hospitals in National Highway, District Hospital, Kolasib under CSS, Ministry of H &amp; FW</b>	<b>Rs 494.20</b>	Work order issued on 23.05.2018 and in progress.
15	<b>Developing Trauma Care Facilities in Govt. Hospitals in National Highway, District Hospital, Champhai under CSS, Ministry of H &amp; FW</b>	<b>Rs 494.20</b>	Work order issued on 23.05.2018 and in progress.
16	<b>Developing Trauma Care Facilities in Govt. Hospitals in National Highway, District Hospital, Serchhip under CSS, Ministry of H &amp; FW</b>	<b>Rs 494.20</b>	Work order issued on 05.09.2018 and it is to be commenced soon.
17	<b>Developing Trauma Care Facilities in Govt. Hospitals in National Highway, Civil Hospital, Lunglei under CSS, Ministry of H &amp; FW</b>	<b>Rs 494.20</b>	Work order issued on 05.09.2018 and it is to be commenced soon.

*Over and above, the Department has submitted the following project proposal*

1	<b>Under NEC</b>		
	a)	Construction of 100-Bedded Hospital, Mamit	Rs 12,00,00,000.00
2	<b>Under NESIDS</b>		
	a)	Construction of 100 -Bedded Jawahar Lal Nehru (District) Hospital, OPD Block & Housing Complex at Distict Hospital, Serchhip	Rs 51,75,20,400.00
	b)	Construction of 100-Bedded District Hospital, Kolasib	Rs 20,00,00,000.00
3	<b>Under Ministry of Minority Affairs (PMJVK)</b>		
	a)	Construction of Residential Complex at Civil Hospital, Lunglei	Rs 18,19,33,000.00
	b)	Construction of 100-Bedded District Hospital Complex, Mamit	Rs 38,29,27,000.00
4	<b>Under 15th Finance Commission</b>		
	a)	Construction of Staff Quarter Building (Type III, IV & V) at Civil Hospital Complex, Lunglei	Rs 14,10,58,000.00
	b)	Construction of 100-Bedded Jawahar Lal Nehru (District) Hospital Main Building and OPD Block at Serchhip	Rs 20,00,00,000.00
	c)	Construction of 100-Bedded Kolasib District Hospital, OPD Block and quarters at Kolasib.	Rs 25,53,36,000.00
5	<b>Under Additional fund NEDP</b>		
	a)	Construction of Type IV quarter at Mizoram College of Nursing, Falkawn	Rs 3,28,77,100.00

- **MIZORAM STATE HEALTH CARE SCHEME (MSHCS)**

The Government of Mizoram is committed to providing Health Insurance covering to its population and had implemented for all its population, excepting Government Servants and their dependents a Health Insurance Scheme called the MSHCS (Mizoram State Health Care Scheme) since April 2008. It had also formed the Mizoram State Health Care Society, a registered Society to oversee and implement directly or indirectly the implementation of the Scheme. The Governing Body of the Scheme is Chaired by the Hon'ble Chief Minister Government of Mizoram. The intended benefit of the said scheme is being availed by the needy patients.

At the same time, RSBY (Rashtriya Swasthya Bima Yojana), a BPL Scheme for the unorganised sector under the Ministry of Health & Family Welfare, Govt. of India, being implemented all over the country is linked with MSHCS from 2010. Under the two Schemes, a BPL family can avail the usual RSBY cover of Rs. 30,000/- and an additional cover from MSHCS of Rs. 70,000/- for hospitalised illness and another cover of Rs. 2 lakhs under MSHCS for critical illness, thereby making the total cover up to Rs. 3.00 lakhs. Moreover, APL (Above Poverty Line) families could avail critical illness cover only up to Rs. 3.00 lakhs under MSHCS. Both the schemes were implemented using an Insurance provider but from 2011-12, MSHCS is being implemented on Self Finance Basis by the Society.

On 23.09.2018, the Govt. of India had been launch a new scheme Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY) on 24.09.2018, the Govt. of Mizoram is also making developments in the preparation to ensure that the new scheme is fully implemented since October, 2018.

#### **IV. OUTCOME OF THE DEPARTMENT'S ACTIVITIES SO FAR AND EXPECTED OUTCOME (IMPACT ON ECONOMY)**

Due to inadequate availability of state of art equipments and shortage of man power, there are many instances when patients have to be referred outside the state for necessary investigation and treatment at the cost of the Government of Mizoram is exchequer. Various measures have been made by the department to improve the treatment of facilities in

the state so as to cut down Govt. spending as well as inconveniences to the patient party. It is envisaged that the services and facilities of the District Hospitals be upgraded so that the people in the rural areas do not need to make long journey to the state capital to receive necessary treatment for their illness.

## V. PROBLEMS AND CHALLENGE IN THE STAGE OF IMPLEMENTATION

- **Man power:**

The Directorate of Hospital & Medical Education has been functioning with inadequate man power since its inception 2006, the Hospitals are managed by a separate Administrative Establishment, however, most of the Hospitals are still not functioning as full fledged establishments due to lack of adequate man power. The Hospital services being a labour intensive zone, the fund provision could not cope with the requirement of man-power with compared to the minimum requirement of the Indian Public Health Standard Norms (IPHS). Patients have also been facing difficulties in proper utilization of facilities due to absence of man power.

- **Diagnostic Equipment:**

Due to curtailment of plan fund, the Department could not equip the vital requirements of Hospital viz. Hi-tech and Med tech equipments and machineries. As a result of these, there are many instances when patients have to be referred outside the state for necessary investigations and treatment at the cost of Government exchequer.

- **Construction of Buildings /staff quarters:**

Due to financial constraint in the Department, major developments viz. construction of hospital buildings, staff quarters could not be taken up as the existing hospital buildings, staff quarters, structures are semi pucca and very old. They are also in a dilapidated condition due to natural wear and tear. Some of the buildings are not fit for occupation. Moreover, maintenance of Hospital buildings and staff quarters could not have been undertaken.

The following measures to improve the development gap occurred in Medical & Health Sector under Directorate of Hospital & Medical Education as elaborated as under:

- **Provision of Diagnostic Equipments/Supply of vital medicines and consumables:** In order to avoid a large number of referred cases outside the state for necessary investigation and treatment, the various hospitals need to be well equipped with machineries, diagnostic equipments, supply of vital medicines and consumables. Hence, more funds are required so as to achieve the financial loss of Government exchequer.
- **Renovation/Construction of Buildings:** The existing Hospital buildings and staff quarters are very old, dilapidated and congested to accommodate the increasing no. of patients, re-construction of Hospital buildings, quarters are very much essential so as to provide good health care to the people. Hence, more funds are required.
- **Telemedicine at District Hospitals:** Telemedicine is a real need for patients out there who cannot get clinical consultation and decision making due to unavailability of doctors, lack of communication infrastructure or not fit for travel. To improve the health care facilities in the state, telemedicine is considered absolutely necessary to install at the District Hospitals – so that the development gap hindering better treatment for patients in Medical & Health Sector may be abolished which in turn automatically provide better treatment of patients in the state. Hence, more funds are required.

## VI. PUBLICATIONS:

The Directorate of Hospital & Medical Education has recently published Hospital Statistics 2017 – 2018 based on Monthly Statistical Bulletin, hard copy along with soft copy attached.