



SURVEY ON URBAN WASTE MANAGEMENT NAGALAND

(Conducted under Support for Statistical Strengthening Scheme)

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**GOVERNMENT OF NAGALAND
DIRECTORATE OF ECONOMICS & STATISTICS
NAGALAND : KOHIMA**



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DIRECTORATE OF ECONOMICS & STATISTICS
NAGALAND : KOHIMA**

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PREFACE

Statistics has been playing a vital role in shaping effective policies and decision making. Since the need of statistics is ever increasing across the globe, the Directorate of Economics & Statistics is garnering all efforts to improve the quality of statistics.

The present survey on the waste management in Nagaland was conducted under the programme “Support for Statistical Strengthening” to bridge the data gaps for monitoring the Sustainable Development Goals (SDGs) Indicators.

The survey covers 29 Urban Local Bodies out of the total 32 notified by the State Government under Nagaland Municipal Councils Acts. The survey was done for 30 days period.

The report of the survey as presented in this publication portrays the waste statistics of the municipal bodies, the infrastructure available for waste management and disposal, population served by municipalities and related other Indicators.

I hope that this document will be of immense help for SDGs indicators and policy interventions.

Date :

Kohima :

NEIDILHOU ANGAMI
Director
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ACKNOWLEDGEMENT

In the NER district index 1.0 on Sustainable Development Goals (SDGs) brought out by NITI Aayog, the performance of the State was not up to the mark as two districts of the State were placed in the bottom. The poor performances can be attributed to deficiencies of data in the process of monitoring SDGs Indicators. Since then, Government has been making effort by sensitizing the departments for maintaining proper data.

In the backdrop of the above, the survey on the waste management data in Nagaland was conducted under the programme “Support for Statistical Strengthening” to study the existing data gap and put a mechanism to bridge the data gap for monitoring the Sustainable Development Goals (SDGs) indicators.

The Survey throw light on the waste statistics of the municipal bodies, the infrastructure available for waste management and disposal, population served by municipalities and other related Indicators.

I express my sincere gratitude to all the Municipal Authorities for extending their cooperation by way of providing inputs/information during the survey. I also acknowledge the officer and staff who had relentlessly put in their best efforts, enabling the successful completion of this survey.

The department solicits valuable suggestions and feedback for improvement of any future survey/reports.

Date :

Kohima :

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1. EXECUTIVE SUMMARY

- 1.1 The survey on the waste management in Nagaland was conducted under the “Support for Statistical Strengthening” scheme to Study the existing data gap and work out a mechanism to bridge the data gap for monitoring the Sustainable Development Goals (SDGs) Indicators. The survey intended to cover the entire functioning municipalities as on the date of survey. Due to insufficient human resources, the survey was restricted to the urban settlement only.
- 1.2 Presently, the State Government has notified a total of 32 urban local bodies as municipalities under Nagaland Municipal Council Act. As on the date of survey, a total of 29 municipalities could be surveyed i.e, 3 Municipal Councils and 26 Town Councils. The survey was done for 30 days period. Three town councils i.e Mangkolemba town council in Mokokchung, Pungro town council in Kiphire and Tezit town council could not be surveyed due to non-maintenance of waste data.
- 1.3 During the survey, it was observed that no proper data on waste was maintained by the municipal bodies despite the municipalities carrying out the activities of clearing the urban garbage on daily basis. Consequently, the data as obtained during the survey are mostly base on the assesement furnished by the municipalities.
- 1.4 It was also found that except Kohima Municipal Council, no other municipalities had recycling plant installed. Also the crucial waste segregation technique was adopted only under Kohima Municipal Council. All the municipalities had only landfill facilities for waste disposal, albeit the landfills are only in rudimentary level.
- 1.5 During the survey, the generation and management of waste water could not be surveyed as no municipal body has any system to measure or quantify the generation/treatment of waste water.
- 1.6 In the light of the insufficient data on waste management emerging from the survey, the Directorate of Economics & Statistics has adopted the rate of waste generation from the total waste collection brought out by Dimapur Municipal Council through an NGO “Living for Environment” (LiFE). The rate of different category of waste from total waste collection is given below in Box.No.1

Box No.1, Rates of waste generation as per type study

Category of waste	Dry waste	Wet waste	Mixed waste	Recycle waste	E-waste	Bio- Medical waste
Rate as per type study conducted by Dimapur Municipal Council	21.12% of total waste	28.13% of Total waste	50.13% of Total waste	5.70% of Dry waste	0.20% of Dry waste	0.71% of Dry waste

2. WASTE STATISTICS OF NAGALAND

- 2.1 Municipal bodies of Nagaland collected a total of 10353.82 MT of waste in a 30 days time period. District-wise the highest amount of waste was collected by Dimapur municipal bodies followed by Kohima and Mon. In percentage terms, the municipalities of Dimapur collected a total of 35.90 percent of the total waste followed by Kohima 26.57 percent and Mon 14.72 percent. The least amount of waste was collected by Noklak district (.09 percent) followed by Longleng district (0.29 percent) and Kiphire district (0.93 percent).
- 2.2 Out of the total waste collection of 10353.82 MT in 30 days, the amount of waste disposed through landfill was 9215.62 MT (89.01 percent) and through composting 1134.43 MT (10.96 percent). Out of the total waste collection disposed off through landfill, 21 MT come under the category of hazardous waste.
- 2.3 Except Municipal bodies of Kohima, all the municipal authorities of Nagaland has only Landfill facilities for treatment and disposal of waste. In the District of Kohima, the Kohima Municipal Council (KMC) has a facility for Composting and also a Recycling Plant in addition to the landfill. For the Recycling plant, the facility has been left unused as on the date of survey. Besides KMC, the Tsemenyu Town Council under Kohima district has a facility for composting and a landfill. None of the municipal bodies in Nagaland have incineration facilities.
- 2.4 Due to the rudimentary state of maintaining the landfill, the capacity of the disposal and treatment cannot be ascertained from across the municipalities. Besides, from among the 29 municipalities that were surveyed, the crucial waste segregation is adopted only in Kohima Municipal Council. The positive note that emerges from the survey was that, all the municipalities across the State have banned the use of plastic.
- 2.5 In the category of export of waste, a total of 210.02 MT was reported from only 6 districts while in the import of waste there was nil report. In the export of waste, the municipalities from Mon reported the maximum amount of 74 MT followed by Kohima 71.88 MT and 24 MT from Zunheboto District.

- 2.6 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 556359 populations are served by the municipal bodies. Out of this 556359 population, the municipalities of Dimapur served 29.63 percent of the population followed by Kohima 18.94 percent and Mokochung 9.22 percent.

RATE OF WASTE GENERATION OF NAGALAND

- 2.7 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 10353.82 MT for Nagaland are; Dry waste-2186.73 MT, Wet waste-2912.53 MT, Mixed waste-5190.37 MT, Recycle waste-124.64 MT, E-waste-4.37 MT, Bio-medical waste-15.53 MT.

3. DISTRICT WISE WASTE STATISTICS

3.1 DIMAPUR DISTRICT

- 3.1.1 The district of Dimapur has four municipal bodies i.e Dimapur Municipal Council (DMC), Chumukedima Town Council (CTC), East Dimapur Town Council (EDTC) and Medziphema Town Council (MTC). Municipal bodies of Dimpur collected a total of 3717.50 MT of waste in 30 days time period. Municipality-wise the largest amount of waste was collected by DMC (3453 MT) followed by CTC (162.90 MT), MTC (63 MT) and EDTC (38.60 MT).
- 3.1.2 Out of the total waste collection of 3717.50 MT in 30 days, the whole amount of waste is disposed through landfill. Out of the total waste collection disposed off through landfill, 6.50 MT come under the category of hazardous waste.
- 3.1.3 All the municipal bodies of Dimapur district has only Landfill facilities for treatment and disposal of waste. Due to the rudimentary state of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained from the municipal bodies. Besides, the crucial waste segregation could not be implemented despite serious effort put in by the municipalities in Dimapur district. All the municipalities in Dimapur have banned the use of plastic.
- 3.1.4 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 164842 populations are served by the municipal bodies. Out of this total population, the DMC serve 122834 population, CTC serve 25885 population, EDTC serve 7385 population and MTC serve 8738.

RATE OF WASTE GENREATION OF DIMAPUR DISTRICT

- 3.1.5 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 3717.50 MT for Dimapur district are; Dry waste-785.14 MT, Wet waste-1045.73 MT, Mixed waste-1863.58 MT, Recycle waste-44.75 MT, E-waste-1.57 MT, Bio-medical waste-5.57 MT.

3.2 KIPHIRE DISTRICT

- 3.2.1 The district of Kiphire has only two municipal bodies i.e Kiphire Town Council and Pungro Town Council. During the survey, Pungro Town Council was left out due to non-availability of waste data. Kiphire Town Council collected a total of 95.95 MT of waste in the 30 days time period.
- 3.2.2 Out of the total waste collection of 95.95 MT in 30 days, the whole amount of waste is disposed off through landfill as Kiphire Town Council has only Landfill facilities for treatment and disposal of waste. Due to the rudimentary state of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained. The Kiphire Town Council has also banned the use of plastic.
- 3.2.3 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 16487 populations is served by the Kiphire Town Council.

RATE OF WASTE GENREATION OF KIPHIRE DISTRICT

- 3.2.4 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 95.95 MT for Kiphire district are; Dry waste-20.26 MT, Wet waste-26.99 MT, Mixed waste-48.10 MT, Recycle waste-1.16 MT, E-waste-0.04 MT, Bio-medical waste-0.14 MT.

3.3 KOHIMA DISTRICT

- 3.3.1 Kohima district has only two municipal bodies i.e Kohima Municipal Council (KMC), Tseminyu Town Council (TTC). Municipal bodies of Kohima collected a total of 2750.72 MT of waste in 30 days time period. Municipality-wise, KMC collected an amount of 2735 MT of waste and TTC 15.72 MT of waste.
- 3.3.2 Out of the total waste collection of 2750.72 MT in 30 days, the amount of waste disposed through landfill was 1606.52 MT and through composting 1134.43 MT. Out of the total waste collection disposed off through landfill, 13.75 MT come under the category of hazardous waste.
- 3.3.3 In the District of Kohima, the Kohima Municipal Council (KMC) has a facility for Composting and also a Recycling Plant in addition to the landfill. For the Recycling plant, the facility has been left unused as on the date of survey. Besides KMC, the Tseminyu Town Council has a facility for composting and a landfill. None of the municipal bodies in Kohima have incineration facilities.
- 3.3.4 Among the two municipal bodies of Kohima, where as both the municipality has banned the use of plastics, the segregation of waste is adopted only in Kohima Municipal Council.
- 3.3.5 In the category of export of waste, a total of 71.88 MT was reported only from KMC while in the import of waste there was nil report.
- 3.3.6 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 105354 populations are served by the municipal bodies. Out of this total population, the KMC serve 99039 population and TTC serve 6315 population.

RATE OF WASTE GENERATION OF KOHIMA DISTRICT

- 3.3.7 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 2750.72 MT for Kohima district are; Dry waste-580.95 MT, Wet waste-773.78 MT, Mixed waste-1378.94 MT, Recycle waste-33.11 MT, E-waste-1.16 MT, Bio-medical waste-4.12 MT.

3.4 LONGLENG DISTRICT

- 3.4.1 Longleng district has only one municipal bodies i.e Longleng Town Council (LTC). Longleng Town Council collected a total of 29.9 MT of waste in a 30 days time period.
- 3.4.2 Out of the total waste collection of 29.9 MT in 30 days, the whole amount of waste is disposed off through landfill as Longleng Town Council has only Landfill facilities for treatment and disposal of waste. Due to the rudimentary state of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained. The Longleng Town Council has also banned the use of plastic.
- 3.4.3 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 7613 populations is served by the Longleng Town Council.

RATE OF WASTE GENERATION OF LONGLENG DISTRICT

- 3.4.4 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 29.9 MT for Longleng district are; Dry waste-6.31MT, Wet waste-8.41 MT, Mixed waste-14.99 MT, Recycle waste-0.36 MT, E-waste-0.01 MT, Bio-medical waste-0.04 MT.

3.5 MOKOKCHUNG DISTRICT

- 3.5.1 Mokokchung district has four municipal bodies i.e Mokokchung Municipal Council (MMC), Tuli Town Council (TTC), Changtonya Town Council (CTC) and Mangkolemba Town Council (MTC). During the survey, Mangkolemba Town Council could not be surveyed due to the inability of the town council to furnish even approximate data of waste collection. Leaving aside Mangkolemba Town Council, the other three municipal bodies of Mokokchung collected a total of 1455 MT of waste in a 30 days time period. Municipality-wise the largest amount of waste was collected by MMC (1050 MT) followed by CTC (207 MT) and TTC (198 MT).
- 3.5.2 Out of the Total waste collection of 1455 MT in 30 days, the whole amount of waste is disposed through landfill as no other facilities for waste disposal was available in Mokokchung district.
- 3.5.3 All the municipal bodies of Mokokchung district has only Landfill facilities for treatment and disposal of waste. Due to the rudimentary state of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained from the municipal bodies. Besides, the crucial waste segregation could not be implemented by the municipalities of Mokokchung district. All the municipalities in Mokokchung have banned the use of plastic.
- 3.5.4 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 51309 populations are served by the municipal bodies. Out of this total population, the MMC serve 35913 population, CTC serve 7532 population and TTC serve 7864 population.

RATE OF WASTE GENERATION OF MOKOKCHUNG DISTRICT

- 3.5.5 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 1455 MT for Mokokchung district are; Dry waste-307.30 MT, Wet waste-409.29 MT, Mixed waste-729.39 MT, Recycle waste-17.52 MT, E-waste-0.61 MT, Bio-medical waste-2.18 MT.

3.6 MON DISTRICT

- 3.6.1 The district of Mon has five municipal bodies i.e Mon Town Council, Naginimora Town Council, Tobu Town Council, Tezit Town Council and Aboi Town Council. During the survey, Tezit Town Council could not be surveyed due to the inability of the town council to furnish even approximate data of waste collection. The other four Municipal bodies of Mon collected a total of 1524.5 MT of waste in a 30 days time period. Municipality-wise the largest amount of waste was collected by Mon Town Council (829.5 MT) followed by Naginimora Town Council (296 MT), Aboi Town Council (237 MT) and Tobu Town Council (162 MT).
- 3.6.2 Out of the Total waste collection of 1524.5 MT in 30 days, the whole amount of waste is disposed through landfill as no other facilities for waste disposal was available in Mon district.
- 3.6.3 Due to the rudimentary state of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained from the municipal bodies. Besides, the crucial waste segregation could not be implemented by the municipalities of Mon district. All the municipalities in Mon district have banned the use of plastic.
- 3.6.4 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 46018 populations are served by the municipal bodies. Out of this total population, Mon Town Council serve 26328 population, Naginimora Town Council serve 8116 population, Tobu Town Council serve 5076 population and Aboi Town Council serve 6498 population.

RATE OF WASTE GENERATION OF MON DISTRICT

- 3.6.5 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 1524.5 MT for Mon district are; Dry waste-321.97 MT, Wet waste-428.84 MT, Mixed waste-764.23 MT, Recycle waste-18.35 MT, E-waste-0.64 MT, Bio-medical waste-2.29 MT.

3.7 NOKLAK DISTRICT

- 3.7.1 Noklak district has only one municipal bodies i.e Noklak Town Council (NTC). Noklak Town Council collected a total of 9 MT of waste in a 30 days time period.
- 3.7.2 Out of the total waste collection of 9 MT in 30 days, the whole amount of waste is disposed off through landfill as Noklak Town Council has only Landfill facilities for treatment and disposal of waste. Due to the undeveloped nature of the landfill, the capacity of the disposal and treatment could not be ascertained. The Noklak Town Council has also banned the use of plastic.
- 3.7.3 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 7674 populations is served by the Noklak Town Council.

RATE OF WASTE GENERATION OF NOKLAK DISTRICT

- 3.7.4 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 9 MT for Noklak district are; Dry waste-1.90 MT, Wet waste-2.53 MT, Mixed waste-4.51 MT, Recycle waste-0.11 MT, E-waste-0.004 MT, Bio-medical waste-0.01 MT.

3.8 PEREN DISTRICT

- 3.8.1 Peren district has three municipal bodies i.e Peren Town Council, Tening Town Council and Jalukie Town Council. Municipalities of Peren district collected a total of 184.05 MT of waste in a 30 days time period. Municipality-wise the largest amount of waste was collected by Tening Town Council (146.5 MT) followed by Peren Town Council (22 MT) and Jalukie Town Council (15.55 MT).
- 3.8.2 Out of the total waste collection of 184.05 MT in 30 days, the whole amount of waste is disposed off through landfill as Peren district has only Landfill facilities for treatment and disposal of waste. Due to the undeveloped nature of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained. The municipalities of Peren district has banned the use of plastic.
- 3.8.3 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 12502 populations is served by the municipalities of Peren district ie, Jalukie Town Council 8706 population, Tening Town Council 2525 population and Peren Town Council 1271 population.

RATE OF WASTE GENREATION OF PEREN DISTRICT

- 3.8.4 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 184.05 MT for Peren district are; Dry waste-38.87 MT, Wet waste-51.77 MT, Mixed waste-92.26 MT, Recycle waste-2.22 MT, E-waste-0.08 MT, Bio-medical waste-0.28 MT.

3.9 PHEK DISTRICT

- 3.9.1 The district of Phek has four municipal bodies i.e Phek Town Council, Pfutsero Town Council, Meluri Town Council and Chozuba Town Council. Municipal bodies of Phek District collected a total of 140.7 MT of waste in a 30 days time period. Municipality-wise, the respective amount of waste collection are Phek Town Council 40.5 MT , Pfutsero Town Council 40.2 MT, Meluri Town Council 45 MT and Chozuba Town Council 15 MT.

- 3.9.2 Out of the total waste collection of 140.7 MT in 30 days, the whole amount of waste is disposed off through landfill as there are no other means of waste disposal in Phek district.
- 3.9.3 All the municipal bodies of Phek district have only rudimentary Landfill facilities for treatment and disposal of waste. The municipalities of Phek district are yet to adopt the crucial waste segregation. All the municipalities in Phek district have banned the use of plastic.
- 3.9.4 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 33309 populations are served by the municipal bodies. Out of this total population, Phek Town Council serve 14204 population, Pfutsero Town Council serve 10371 population, Meluri Town Council serve 5191 population and Chozuba Town Council 3543 population.

RATE OF WASTE GENERATION OF PHEK DISTRICT

- 3.9.5 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 140.7 MT for Phek district are; Dry waste-29.72 MT, Wet waste-39.58 MT, Mixed waste-70.53 MT, Recycle waste-1.69 MT, E-waste-0.06 MT, Bio-medical waste-0.21 MT.

3.10 TUENSANG DISTRICT

- 3.10.1 Tuensang district has three municipal bodies i.e Tuensang Town Council, Shamator Town Council and Longkhim Town Council. Municipalities of Tuensang district collected a total of 203.5 MT of waste in a 30 days time period. Municipality-wise, the largest amount of waste was collected by Tuensang Town Council (150 MT) followed by Shamator Town Council (38.5 MT) and Longkhim Town Council (15 MT).
- 3.10.2 Out of the total waste collection of 203.5 MT in 30 days, the whole amount of waste is disposed off through landfill as Tuensang district has only Landfill facilities for treatment and disposal of waste. Due to the undeveloped nature of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained. The municipalities of Tuensang district have banned the use of plastic. In the category of export of waste, Tuensang district reported 21.60 MT of export of waste.
- 3.10.3 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 47136 populations is served by the municipalities of Tuensang district ie, Tuensang Town Council 36774 population, Shamator Town Council 4257 population and Longkhim Town Council 6105 population.

RATE OF WASTE GENREATION OF TUENSANG DISTRICT

- 3.10.4 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 203.5 MT for Tuensang district are; Dry waste-42.98 MT, Wet waste-57.24 MT, Mixed waste-102.24 MT, Recycle waste-2.56 MT, E-waste-0.09 MT, Bio-medical waste-0.32 MT.

3.11 WOKHA DISTRICT

- 3.11.1 Wokha district has only two municipal bodies i.e Wokha Town Council and Bhandari Town Council. Municipalities of Wokha district collected a total of 123 MT of waste in a 30 days time period. Municipality-wise, Wokha Town Council collected 73.5 MT and Bhandari Town Council (49.5 MT).
- 3.11.2 Out of the total waste collection of 123 MT in 30 days, the whole amount of waste is disposed off through landfill as Wokha district has only Landfill facilities for treatment and disposal of waste. Out of the total amount disposed off through landfill 0.75 MT belong to hazardous waste category. Due to the undeveloped nature of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained. The municipalities of Wokha district have banned the use of plastic. In the category of export of waste, Wokha district reported 18 MT of export of waste.
- 3.11.3 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 41482 populations is served by the municipalities of Wokha district ie, Wokha Town Council 35000 population and Bhandari Town Council 6482 population.

RATE OF WASTE GENREATION OF WOKHA DISTRICT

- 3.11.4 Utilizing the result of type study conducted by Living for Environment (LiFE) under the Aegis of Dimapur Municipal Council. The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 123 MT for Wokha district are; Dry waste-25.98 MT, Wet waste-34.60 MT, Mixed waste-61.66 MT, Recycle waste-1.48 MT, E-waste-0.05 MT, Bio-medical waste-0.18 MT.

3.12 ZUNHEBOTO DISTRICT

- 3.12.1 Zunheboto district has only one municipal bodies i.e Zunheboto Town Council. Zunheboto Town Council collected a total of 120 MT of waste in a 30 days time period.
- 3.12.2 Out of the Total waste collection of 120 MT in 30 days, the whole amount of waste is disposed through landfill as no other facilities for waste disposal was available in Zunheboto district. Zunheboto Town Council reported 24 MT of total export of waste.
- 3.12.3 Due to the rudimentary state of maintaining the landfill, the capacity of the disposal and treatment could not be ascertained. Besides, the crucial waste segregation is yet to be implemented by Zunheboto Town Council. Zunheboto Town Council banned the use of plastic.
- 3.12.4 In the category of “Other Indicators” which comprises of population served by municipal waste collection, population connected to waste water collection system, population connected to waste water treatment and population living in hazard prone areas etc. Data is available only for population served by municipal waste collection. Under this indicator, a total of 22633 populations are served by the municipality.

RATE OF WASTE GENREATION OF ZUNHEBOTO DISTRICT

- 3.12.5 The respective statistics of waste as determined by the rate given in the Box No.1 from the total waste collection of 120 MT for Zunheboto district are; Dry waste-25.34 MT, Wet waste-33.76 MT, Mixed waste-60.16 MT, Recycle waste-1.44 MT, E-waste-0.05 MT, Bio-medical waste-0.18 MT.

4. TERMS AND DEFINITION

1. Economics activity: Economics activity is a process that either leads to production of goods or provision for services.
2. Waste: waste is any substances which is discarded after primary use or any substances which is unwanted or useless.
3. Chemical waste: Chemical waste is a broad term and includes waste such as poison, fertilizers, oil paint, batteries, pesticides, etc.
4. Hazardous waste: Any substance that poses a hazard to human health or environment when improperly managed.
5. Municipal waste: It comprises of waste collected and treated by municipalities.
6. Recycling waste: The process of converting waste material into a new items.
7. Composting: Composting is a method of treating solid waste in which organic material is broken down by micro-organism in the presence of oxygen to a point where it can be safely applied to the environment.
8. Incineration: It is a process that involves the combustion of the substances contained in the waste materials.
9. Landfill: Landfill is the oldest and the most common type of waste disposal. A landfill site or dumping ground is a site for disposal of waste materials. Modern landfills are well engineered and managed facilities for disposal of solid waste.
10. E-waste: Electronic or e-waste comprises of discarded electrical or electronic devices.
11. Dry waste: Comprises of all non- biodegradable waste, such as bio-medical waste, sanitary waste, e-waste, clothes, shoes, demolition waste etc.
12. Wet waste: comprises of all biodegradable waste, such as Kitchen waste, garden waste, poultry and slaughter house waste etc.
13. Mixed waste: waste which cannot be segregated into either dry waste or wet waste.

5. SURVEY SCHEDULE

Sl.No....

**GOVERNMENT OF NAGALAND
DIRECTORATE OF ECONOMICS & STATISTICS
NAGALAND: KOHIMA**

SURVEY SCHEDULE FOR COLLECTION OF MUNICIPAL WASTE DATA

BLOCK-I- ADDRESS OF THE MUNICIPALITY

District	
Sub-division	
Town	
Name of the Municipality with PIN	
Name of the Administrator	
Name of the Informant with Designation	
Phone number of the Informant	
Signature of the Informant with date	

Details of the Enumerator

Name of the Enumerator	
Designation of the Enumerator	
Signature of the Enumerator with date	
Phone number of the Enumerator	

Name and Signature of the DESO

BLOCK-II -Waste Statistics					
Topic/Area	Statistics	Category of Measurement			
	Generation and Management of Waste				
Generation of Waste	1. Amount of waste generated by economics activity	Mass/MT			
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	Municipal waste	Combustion waste
	3. Amount of hazardous waste generated	Mass/MT			

Management of Waste	MUNICIPAL WASTE					
	1.Total municipal waste collected	Mass/MT				
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	Composting	Incineration	Landfilled
	2.a. Number of Municipal waste treatment facilities by type	Number				
	3.Number of municipal waste treatment and disposal facilities	Number				
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT				
	5.Number of Waste recycling plant installed	Number				
	6. Whether Municipality is using waste segregation technique	Yes/No				
	7.Whether Municipality ban the use of plastics	Yes/No				
	HARZARDOUS WASTE					
	1.Total Harzardous waste collected	Mass/MT				
	2.Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	Composting	Incineration	Landfilled
	3.Number of Hazardous waste treatment and disposal facilities	Number				
	4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT				
	INDUSTRIAL WASTE					
	1.Total Industrial waste collected	Mass/MT				
	2.Amount of Industrial waste treated by type of treatment and disposal	Mass/MT	Recycling	Composting	Incineration	Landfilled
	3.Number of industrial waste treatment and disposal facilities	Number				
	4.Capacity of Industrial waste treatment and disposal facilities	Mass/MT				
	Amount of Recycle waste	Mass/MT	e-waste	packaging waste	end of life vehicles	
	1.Impor of Waste	Mass/MT				
	2.Export of Waste	Mass/MT				
	3.Import of hazardous waste	Mass/MT				
	3.Export of hazardous waste	Mass/MT				

OTHER INDICATORS					
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number			
	2.Population connected to waste water collection system	Number			
	3.Population connected to waste water treatment	Number			
	4.Population living in hazard prone areas	Number			
	5.Hazard-prone areas	Area			
GENERATION AND MANAGEMENT OF WASTE WATER					
Generation & pollutant content of water	1.Volume of waste water generated	Volume			
	2.Pollutant content of waste water	Mass, gm/liters			
Collection and treatment of waste water	1.volume of waste water collected	Volume			
	2.Volume of waste water treated	Volume	Primary treatment	secondary treatment	tertiary treatment
	3.Total urban waste water treatment capacity				
	i. Number of plants	Numbers			
	ii. Capacity of the Plants	Volume			
	4.Total industrial waste water treatment capacity				
	i. Number of plants	Numbers			
	ii. Capacity of the Plants	Volume			
WASTE WATER DISCHARGE					
Discharge of waste water to the environment	1.Total volume of waste water discharge to the environment after treatment	Volume	Primary	Secondary	Tertiary
		Volume	surface water	wetland	soil
	2.Total volume of waste water discharge to the environment without treatment	Volume	Primary	Secondary	Tertiary
		Volume	surface water	wetland	soil
Water quality	3.Polutant content of discharge water	Mass, gm/liters			
	1.Amount of plastic waste and other debries in surface water	Mass, gm/liters			
Site effected by pollution			Area	Number	
Soil Pollution	1.Contaminated site				
	2.Potentially contaminated site				
	3.remediated site				

6. APPENDIX (Table)

Table-1, Waste Statistics of Nagaland (Municipal Bodies)

Topic/ Area	Statistics	Category of Measurement	Dimapur District	Kiphire District	Kohima District	Longleng District	Mkg District	Mon District	Peren District	Phek District	Tuensang District	Wokha District	Zbto District	Noklak District	Nagaland
Generation of Waste	Generation and Management of Waste														
	1. Amount of waste generated by economics activity	Mass/MT	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
			N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/MT	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
Management of Waste	MUNICIPAL WASTE														
	1. Total municipal waste collected	Mass/MT	3717.50	95.95	2750.72	29.9	1455	1524.5	184.05	140.7	203.5	123	120	9	10353.82
	2.Amount of municipal waste treated by type of treatment and disposal	Recycling	0	0	0	0	0	0	0	0	0	0	0	0	0.00
		Composting	0	0	1134.43	0	0	0	0	0	0	0	0	0	1134.43
		Incineration	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	2.a. Number of Municipal waste treatment facilities by type	Landfilled	3717.5	95.95	1606.52	29.9	1455	1524.5	184.05	140.7	203.5	108	120	9	9194.62
		Recycling	0	0	0	0	0	0	0	0	0	0	0	0	0
		Composting	0	0	2	0	0	0	0	0	0	0	0	0	2
		Incineration	0	0	0	0	0	0	0	0	0	0	0	0	0
	3.Number of municipal waste treatment and disposal facilities	Landfilled	4	1	2	1	3	4	3	4	3	2	1	1	29
		Number	4	1	4	1	3	4	3	4	3	2	1	1	31

Management of Waste															
4.Capacity of municipal waste treatment and disposal facilities	Mass/MT	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
5.Number of Waste recycling plant installed	Number	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6. Whether Municipality is using waste segregation technique	Yes/No	No	No	No-1, Yes-1	No	No	No	No	No	No	No	No	No	No	Yes-1, No- 28
7.Whether Municipality ban the use of plastics	Yes/No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HARZARDOUS WASTE															
1.Total Harzardous waste collected	Mass/MT	6.50	0	13.75	0	0	0	0	0	0	0	0	0.75	0	21.00
2.Amount of Hazardous waste treated by type of treatment and disposal	Recycling	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Composting	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Incineration	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	Landfilled	6.50	0	13.75	0	0	0	0	0	0	0	0	0.75	0	21.00
3.Number of Hazardous waste treatment and disposal facilities	Number	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Industrial waste															
1.Total Industrial waste collected	Mass/MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Amount of Recycle waste	Mass/MT	e-waste packaging waste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.Import of Waste	Mass/MT	end of life vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.Export of Waste	Mass/MT		0	0	71.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.Import of hazardous waste	Mass/MT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.Export of hazardous waste	Mass/MT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER INDICATORS																				
Access to selected basic services and housing conditions			164842	16487	105354	7613	51309	46018	12502	33309	47136	41482	22633	7674	556359					
1.Population served by municipal waste collection	Number		164842	16487	105354	7613	51309	46018	12502	33309	47136	41482	22633	7674	556359					
2.Population connected to waste water collection system	Number		N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A					
3.Population connected to waste water treatment	Number		N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A					
4.Population living in hazard prone areas	Number		N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A					
5.Hazard-prone areas	Area		N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A					
Generation and Management of Waste water			N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A					

Table-1A, Rate of Waste Generation of Nagaland

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	2186.73
2	Wet waste	28.13% of Total waste	2912.53
3	Mixed waste	50.13% of Total waste	5190.37
4	Recycle waste	5.70% of Dry waste	124.64
5	E-waste	0.20% of Dry waste	4.37
6	Bio- Medical waste	0.71% of Dry waste	15.53

Table-2, Waste Statistics of Dimapur District

Topic/Area	Statistics	Category of Measurement	Municipal Bodies				Dimapur District
	Generation and Management of Waste		Dimapur Municipal Council	Chumukedima Town Council	East Dimapur Town Council	Medziphema Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/MT	N.A	N.A	N.A	N.A	N.A
			N.A	N.A	N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	N.A	N.A	N.A	N.A	N.A
			N.A	N.A	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/MT	N.A	N.A	N.A	N.A	N.A
Management of Waste	Municipal Waste						
	1. Total municipal waste collected	Mass/MT	3453	162.90	38.60	63.00	3717.50
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	0	0	0	0	0
		Recycling	0	0	0	0	0
		Composting	0	0	0	0	0
		Incineration	0	0	0	0	0
	2.a. Number of Municipal waste treatment facilities by type	Landfilled	3453	162.9	38.6	63	3717.5
		Recycling	0	0	0	0	0
		Composting	0	0	0	0	0
		Incineration	0	0	0	0	0
	3.Number of municipal waste treatment and disposal facilities	Number	1	1	1	1	4
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT	N.A	N.A	N.A	N.A	N.A
	5.Number of Waste recycling plant installed	Number	0	0	0	0	0
	6. Whether Municipality is using waste segregation technique	Yes-1/No-2	2	2	2	2	2

Management of Waste	7. Whether Municipality ban the use of plastics		Yes-1/No-2					1	1	1	1	1	
	Harzardous waste												
	1.Total Harzardous waste collected		Mass/MT		Recycling		6.5	0	0	0	0	6.50	
	2.Amount of Hazardous waste treated by type of treatment and disposal		Mass/MT		Composting		0	0	0	0	0	0	
					Incineration		0	0	0	0	0	0	
					Landfilled		6.50	0	0	0	0	0	6.50
	3.Number of Hazardous waste treatment and disposal facilities		Number				0	0	0	0	0	0	
	4.Capacity of Hazardous waste treatment and disposal facilities		Mass/MT				0	0	0	0	0	0	
	Industrial waste												
	1.Total Industrial waste collected		Mass/MT				0	0	0	0	0	0	
	Amount of Recycle waste		Mass/MT		e-waste		0	0	0	0	0	0	
packaging waste					0	0	0	0	0	0			
end of life vehicles					0	0	0	0	0	0			
1.Import of Waste		Mass/MT				0	0	0	0	0	0		
2.Export of Waste		Mass/MT				0	0	0	0	0	0		
3.Import of hazardous waste		Mass/MT				0	0	0	0	0	0		
3.Export of hazardous waste		Mass/MT				0	0	0	0	0	0		
Other Indicators													
Access to selected basic services and housing conditions	1.Population served by municipal waste collection		Number		122834	25885	7385	8738	164842				
	2.Population connected to waste water collection system		Number		N.A	N.A	N.A	N.A	N.A				
	3.Population connected to waste water treatment		Number		N.A	N.A	N.A	N.A	N.A				
	4.Population living in hazard prone areas		Number		N.A	N.A	N.A	N.A	N.A				
	5.Hazard-prone areas		Area		N.A	N.A	N.A	N.A	N.A				
Generation and Management of Waste water													
					N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	

Table-2A, Rate of Waste Generation of Dimapur

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	785.14
2	Wet waste	28.13% of Total waste	1045.73
3	Mixed waste	50.13% of Total waste	1863.58
4	Recycle waste	5.70% of Dry waste	44.75
5	E-waste	0.20% of Dry waste	1.57
6	Bio- Medical waste	0.71% of Dry waste	5.57

Table-3, Waste Statistics of Kiphire District

Topic/Area	Statistics	Category of Measurement		Municipal Bodies	Kiphire District
	Generation and Management of Waste			Kiphire Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/ MT		N.A	N.A
	2.Amount of waste generated by waste category	Mass/ MT	Chemical waste	N.A	N.A
			Municipal waste	N.A	N.A
			Combustion waste	N.A	N.A
	3. Amount of hazardous waste generated	Mass/ MT		N.A	N.A
Management of Waste	MUNICIPAL WASTE				
	1.Total municipal waste collected	Mass/MT		95.95	95.95
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/ MT	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	95.95	95.95
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	1	1
3.Number of municipal waste treatment and disposal facilities	Number		1	1	
4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	

Management of Waste	5.Number of Waste recycling plant installed	Number	0	0
	6. Whether Municipality is using waste segregation technique	Yes-1/No-2	2	2
	7.Whether Municipality ban the use of plastics	Yes-1/No-2	1	1
	HARZARDOUS WASTE			
	1.Total Harzardous waste collected	Mass/MT	0	0
	2.Amount of Hazardous waste treated by type of treatment and disposal	Recycling	0	0
		Composting	0	0
		Incineration	0	0
		Landfilled	0	0
	3.Number of Hazardous waste treatment and disposal facilities	Number	0	0
	4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0
	Industrial waste			
	1.Total Industrial waste collected	Mass/MT	0	0
	Amount of Recycle waste	e-waste	0	0
		packaging waste	0	0
		end of life vehicles	0	0
	1.Import of Waste	Mass/MT	0	0
	2.Export of Waste	Mass/MT	0	0
	3.Import of hazardous waste	Mass/MT	0	0
	3.Export of hazardous waste	Mass/MT	0	0
OTHER INDICATORS				
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number	16487	16487
	2.Population connected to waste water collection system	Number	N.A	N.A
	3.Population connected to waste water treatment	Number	N.A	N.A
	4.Population living in hazard prone areas	Number	N.A	N.A
	5.Hazard-prone areas	Area	N.A	N.A
Generation and Management of Waste water			N.A	N.A

Table -4, Waste Statistics of Kohima District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies		Kohima District
	Generation and Management of Waste			Tseminyu Town Council (TTC)	Kohima Municipal Council (KMC)	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/ MT		N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/ MT	Chemical waste	N.A	N.A	N.A
			Municipal waste	N.A	N.A	N.A
			Combustion waste	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/ MT		N.A	N.A	N.A
Management of Waste	Municipal Waste					
	1.Total municipal waste collected	Mass/MT		15.72	2735	2750.72
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/ MT	Recycling	0	0	0
			Composting	4.43	1130.00	1134.43
			Incineration	0	0	0
			Landfilled	4.52	1602.00	1606.52
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0	0
			Composting	1	1	2
			Incineration	0	0	0
			Landfilled	1	1	2
	3.Number of municipal waste treatment and disposal facilities	Number		2	2	4
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	N.A
	5.Number of Waste recycling plant installed	Number		0	1	1
	6. Whether Municipality is using waste segregation technique	Yes-1/No-2		2	1	TTC-2, KMC-1
	7.Whether Municipality ban the use of plastics	Yes-1/No-2		1	1	1

HARZARDOUS WASTE					
Access to selected basic services and housing conditions	1.Total Harzardous waste collected	Mass/MT	0.00	13.75	13.75
	2.Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	0	13.75
	3.Number of Hazardous waste treatment and disposal facilities	Number	0	0	0
	4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0	0
	Industrial waste				
	1.Total Industrial waste collected	Mass/MT	0	0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0
			packaging waste	0	0
			end of life vehicles	0	0
	1.Import of Waste	Mass/MT	0	0	0
	2.Export of Waste	Mass/MT	0	71.88	71.88
	3.Import of hazardous waste	Mass/MT	0	0	0
	3.Export of hazardous waste	Mass/MT	0	0	0
OTHER INDICATORS					
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number	6315	99039	105354
	2.Population connected to waste water collection system	Number	N.A	N.A	N.A
	3.Population connected to waste water treatment	Number	N.A	N.A	N.A
	4.Population living in hazard prone areas	Number	N.A	N.A	N.A
	5.Hazard-prone areas	Area	N.A	N.A	N.A
Generation and Management of Waste water			N.A	N.A	N.A

Table-4A, Rate of Waste Generation of Kohima

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	580.95
2	Wet waste	28.13% of Total waste	773.78
3	Mixed waste	50.13% of Total waste	1378.94
4	Recycle waste	5.70% of Dry waste	33.11
5	E-waste	0.20% of Dry waste	1.16
6	Bio- Medical waste	0.71% of Dry waste	4.12

Table -5, Waste Statistics of Longleng District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies	Longleng District
	Generation and Management of Waste			Longleng Town Coincil	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/ MT		N.A	N.A
	2.Amount of waste generated by waste category	Mass/ MT	Chemical waste	N.A	N.A
			Municipal waste	N.A	N.A
			Combustion waste	N.A	N.A
	3. Amount of hazardous waste generated	Mass/ MT		N.A	N.A
Management of Waste	Municipal Waste				
	1.Total municipal waste collected	Mass/MT		29.9	29.9
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/ MT	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	29.9	29.9
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	1	1
3.Number of municipal waste treatment and disposal facilities	Number		1	1	
4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	

Management of Waste	5.Number of Waste recycling plant installed	Number	0	0
	6. Whether Municipality is using waste segregation technique	Yes-1/No-2	2	2
	7.Whether Municipality ban the use of plastics	Yes-1/No-2	1	1
	HARZARDOUS WASTE		0	0
	1.Total Harzardous waste collected	Mass/MT	0	0
	2.Amount of Hazardous waste treated by type of treatment and disposal	Recycling	0	0
		Composting	0	0
		Incineration	0	0
		Landfilled	0	0
	3.Number of Hazardous waste treatment and disposal facilities	Number	0	0
	4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0
	Industrial waste			
	1.Total Industrial waste collected	Mass/MT	0	0
	Amount of Recycle waste	e-waste	0	0
		packaging waste	0	0
		end of life vehicles	0	0
	1.Impor of Waste	Mass/MT	0	0
	2.Export of Waste	Mass/MT	0	0
	3.Import of hazardous waste	Mass/MT	0	0
	3.Export of hazardous waste	Mass/MT	0	0
OTHER INDICATORS				
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number	7613	7613
	2.Population connected to waste water collection system	Number	N.A	N.A
	3.Population connected to waste water treatment	Number	N.A	N.A
	4.Population living in hazard prone areas	Number	N.A	N.A
	5.Hazard-prone areas	Area	N.A	N.A
Generation and Management of Waste water			N.A	N.A

Table-6, Waste Statistics of Mokokchung District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies			Mkg District
	Generation and Management of Waste			Mkg Municipal Council	Changtongya Town Council	Tuli Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/MT		N.A	N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	N.A	N.A	N.A	N.A
			Municipal waste	N.A	N.A	N.A	N.A
			Combustion waste	N.A	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/MT		N.A	N.A	N.A	N.A
Management of Waste	Municipal Waste						
	1.Total municipal waste collected	Mass/MT		1050	207	198	1455
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	1050	207	198	1455
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	1	1	1	3
	3.Number of municipal waste treatment and disposal facilities	Number		1	1	1	3
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	N.A	N.A
	5.Number of Waste recycling plant installed	Number		0	0	0	0
6. Whether Municipality is using waste segregation technique	Yes-1/No-2		2	2	2	2	

Management of Waste	7. Whether Municipality ban the use of plastics	Yes-1/No-2	1	1	1	1
	HARZARDOUS WASTE					
	1. Total Harzardous waste collected	Mass/MT	0	0	0	0
	2. Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0
			Composting	0	0	0
			Incineration	0	0	0
			Landfilled	0	0	0
	3. Number of Hazardous waste treatment and disposal facilities	Number	0	0	0	0
	4. Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0	0	0
	Industrial waste		0	0	0	0
	1. Total Industrial waste collected	Mass/MT	0	0	0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0	0
			packaging waste	0	0	0
			end of life vehicles	0	0	0
	1. Impor of Waste	Mass/MT	0	0	0	0
	2. Export of Waste	Mass/MT	0	0	0	0
	3. Import of hazardous waste	Mass/MT	0	0	0	0
	3. Export of hazardous waste	Mass/MT	0	0	0	0
	OTHER INDICATORS		0	0	0	0
Access to selected basic services and housing conditions	1. Population served by municipal waste collection	Number	35913	7532	7864	51309
	2. Population connected to waste water collection system	Number	N.A	N.A	N.A	N.A
	3. Population connected to waste water treatment	Number	N.A	N.A	N.A	N.A
	4. Population living in hazard prone areas	Number	N.A	N.A	N.A	N.A
	5. Hazard-prone areas	Area	N.A	N.A	N.A	N.A
Generation and Management of Waste water			N.A	N.A	N.A	N.A

Table-6A, Rate of Waste Generation of Mokokchung

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	307.30
2	Wet waste	28.13% of Total waste	409.29
3	Mixed waste	50.13% of Total waste	729.39
4	Recycle waste	5.70% of Dry waste	17.52
5	E-waste	0.20% of Dry waste	0.61
6	Bio- Medical waste	0.71% of Dry waste	2.18

Table-7, Waste Statistics of Mon District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies				Mon District
	Generation and Management of Waste			Mon Town Council	Naginimora Adhoc Town Council	Tobu Adhoc Town Council	Aboi Adhoc Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/ MT		N.A	N.A	N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/ MT	Chemical waste	N.A	N.A	N.A	N.A	N.A
			Municipal waste	N.A	N.A	N.A	N.A	N.A
			Combustion waste	N.A	N.A	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/ MT		N.A	N.A	N.A	N.A	N.A
Management of Waste	MUNICIPAL WASTE							
	1.Total municipal waste collected	Mass/MT		829.5	296	162	237	1524.5
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0	0	0
			Composting	0	0	0	0	0
			Incineration	0	0	0	0	0
			Landfilled	829.5	296	162	237	1524.5
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0	0	0	0
			Composting	0	0	0	0	0
			Incineration	0	0	0	0	0
			Landfilled	1	1	1	1	4
3.Number of municipal waste treatment and disposal facilities	Number		1	1	1	1	4	
4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	N.A	N.A	N.A	
5.Number of Waste recycling plant installed	Number		0	0	0	0	0	
	6. Whether Municipality is using waste segregation technique	Yes-1/No-2		2	2	2	2	2

	7. Whether Municipality ban the use of plastics	Yes-1/No-2	1	1	1	1	1
	Hazardous waste						
	1. Total Hazardous waste collected	Mass/MT	0	0	0	0	0
	2. Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	0	0	0	0
	3. Number of Hazardous waste treatment and disposal facilities	Number	0	0	0	0	0
	4. Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0	0	0	0
	Industrial waste						
	1. Total Industrial waste collected	Mass/MT	0	0	0	0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0	0	0
			packaging waste	0	0	0	0
			end of life vehicles	0	0	0	0
	1. Import of Waste	Mass/MT	0	0	0	0	0
	2. Export of Waste	Mass/MT	48	10	0	16	74
	3. Import of hazardous waste	Mass/MT	0	0	0	0	0
	3. Export of hazardous waste	Mass/MT	0	0	0	0	0
OTHER INDICATORS							
Access to selected basic services and housing conditions	1. Population served by municipal waste collection	Number	26328	8116	5076	6498	46018
	2. Population connected to waste water collection system	Number	N.A	N.A	N.A	N.A	N.A
	3. Population connected to waste water treatment	Number	N.A	N.A	N.A	N.A	N.A
	4. Population living in hazard prone areas	Number	N.A	N.A	N.A	N.A	N.A
	5. Hazard-prone areas	Area	N.A	N.A	N.A	N.A	N.A
Generation and Management of Waste water			N.A	N.A	N.A	N.A	N.A

Table-7A, Rate of Waste Generation of Mon

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	321.97
2	Wet waste	28.13% of Total waste	428.84
3	Mixed waste	50.13% of Total waste	764.23
4	Recycle waste	5.70% of Dry waste	18.35
5	E-waste	0.20% of Dry waste	0.64
6	Bio- Medical waste	0.71% of Dry waste	2.29

Table-8, Waste Statistics of Peren District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies			Peren District
	Generation and Management of Waste			Jalukie Town Council	Tening Town Council	Peren Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/ MT		N.A	N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	N.A	N.A	N.A	N.A
			Municipal waste	N.A	N.A	N.A	N.A
			Combustion waste	N.A	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/ MT		N.A	N.A	N.A	N.A
Management of Waste	MUNICIPAL WASTE						
	1.Total municipal waste collected	Mass/MT		15.55	146.5	22	184.05
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	15.55	146.5	22	184.05
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	1	1	1	3
	3.Number of municipal waste treatment and disposal facilities	Number		1	1	1	3
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	N.A	N.A
	5.Number of Waste recycling plant installed	Number		0	0	0	0
	6. Whether Municipality is using waste segregation technique	Yes/No		2	2	2	2
	7.Whether Municipality ban the use of plastics	Yes/No		1	1	1	1
HARZARDOUS WASTE							
1.Total Harzardous waste collected	Mass/MT		0	0	0	0	

	2.Amount of Hazardous waste treated by type of treatment and disposal	Mass/ MT	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	0	0	0	0
	3.Number of Hazardous waste treatment and disposal facilities	Number		0	0	0	0
	4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT		0	0	0	0
	Industrial waste						
	1.Total Industrial waste collected	Mass/MT		0	0	0	0
	Amount of Recycle waste	Mass/ MT	e-waste	0	0	0	0
			packaging waste	0	0	0	0
			end of life vehicles	0	0	0	0
	1.Import of Waste	Mass/MT		0	0	0	0
	2.Export of Waste	Mass/MT		0	0	0	0
	3.Import of hazardous waste	Mass/MT		0	0	0	0
	3.Export of hazardous waste	Mass/MT		0	0	0	0
OTHER INDICATORS							
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number		8706	2525	1271	12502
	2.Population connected to waste water collection system	Number		N.A	N.A	N.A	N.A
	3.Population connected to waste water treatment	Number		N.A	N.A	N.A	N.A
	4.Population living in hazard prone areas	Number		N.A	N.A	N.A	N.A
	5.Hazard-prone areas	Area		N.A	N.A	N.A	N.A
Generation and Management of Waste water				N.A	N.A	N.A	N.A

Table-8A, Rate of Waste Generation of Peren

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	38.87
2	Wet waste	28.13% of Total waste	51.77
3	Mixed waste	50.13% of Total waste	92.26
4	Recycle waste	5.70% of Dry waste	2.22
5	E-waste	0.20% of Dry waste	0.08
6	Bio- Medical waste	0.71% of Dry waste	0.28

Table-9, Waste Statistics of Phek District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies				Phek District
	Generation and Management of Waste			Phek Town Council	Pfutsero Town Council	Meluri Town Council	Chozuba Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/ MT		N.A	N.A	N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	N.A	N.A	N.A	N.A	N.A
			Municipal waste	N.A	N.A	N.A	N.A	N.A
			Combustion waste	N.A	N.A	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/MT		N.A	N.A	N.A	N.A	N.A
Management of Waste	Municipal Waste							
	1.Total municipal waste collected	Mass/MT		40.5	40.2	45	15	140.7
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0	0	0
			Composting	0	0	0	0	0
			Incineration	0	0	0	0	0
			Landfilled	40.5	40.2	45	15	140.7
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0	0	0	0
			Composting	0	0	0	0	0
			Incineration	0	0	0	0	0
			Landfilled	1	1	1	1	4
3.Number of municipal waste treatment and disposal facilities	Number		1	1	1	1	4	
4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	N.A	N.A	N.A	
5.Number of Waste recycling plant installed	Number		0	0	0	0	0	

Management of Waste	6. Whether Municipality is using waste segregation technique	Yes/No	2	2	2	2	2
	7. Whether Municipality ban the use of plastics	Yes/No	1	1	1	1	1
	Harzardous waste						
	1. Total Harzardous waste collected	Mass/MT	0	0	0	0	0
	2. Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	0	0	0	0
	3. Number of Hazardous waste treatment and disposal facilities	Number	0	0	0	0	0
	4. Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0	0	0	0
	Industrial waste						
	1. Total Industrial waste collected	Mass/MT	0	0	0	0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0	0	0
			packaging waste	0	0	0	0
			end of life vehicles	0	0	0	0
	1. Import of Waste	Mass/MT	0	0	0	0	0
	2. Export of Waste	Mass/MT	0.54	0	0	0	0.54
	3. Import of hazardous waste	Mass/MT	0	0	0	0	0
	3. Export of hazardous waste	Mass/MT	0	0	0	0	0

OTHER INDICATORS							
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number	14204	10371	5191	3543	33309
	2.Population connected to waste water collection system	Number	N.A	N.A	N.A	N.A	N.A
	3.Population connected to waste water treatment	Number	N.A	N.A	N.A	N.A	N.A
	4.Population living in hazard prone areas	Number	N.A	N.A	N.A	N.A	N.A
	5.Hazard-prone areas	Area	N.A	N.A	N.A	N.A	N.A
Generation and Management of Waste water			N.A	N.A	N.A	N.A	N.A

Table-9A, Rate of Waste Generation of Phek

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	29.72
2	Wet waste	28.13% of Total waste	39.58
3	Mixed waste	50.13% of Total waste	70.53
4	Recycle waste	5.70% of Dry waste	1.69
5	E-waste	0.20% of Dry waste	0.06
6	Bio- Medical waste	0.71% of Dry waste	0.21

Table-10, Waste Statistics of Tuensang District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies			Tuensang District
	Generation and Management of Waste			Tuensang Town Council	Shamator Town Council	Longkhim Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/MT		N.A	N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	N.A	N.A	N.A	N.A
			Municipal waste	N.A	N.A	N.A	N.A
			Combustion waste	N.A	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/MT		N.A	N.A	N.A	N.A
Management of Waste	MUNICIPAL WASTE						
	1.Total municipal waste collected	Mass/MT		150	38.5	15	203.5
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	150	38.5	15	203.5
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0	0	0
			Composting	0	0	0	0
			Incineration	0	0	0	0
			Landfilled	1	1	1	3
	3.Number of municipal waste treatment and disposal facilities	Number		1	1	1	3
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	N.A	N.A
5.Number of Waste recycling plant installed	Number		0	0	0	0	

Management of Waste	6. Whether Municipality is using waste segregation technique	Yes-1/No-2	2	2	2	2
	7. Whether Municipality ban the use of plastics	Yes-1/No-3	1	1	1	1
	HARZARDOUS WASTE					
	1. Total Harzardous waste collected	Mass/MT	0	0	0	0
	2. Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0
			Composting	0	0	0
			Incineration	0	0	0
			Landfilled	0	0	0
	3. Number of Hazardous waste treatment and disposal facilities	Number	0	0	0	0
	4. Capacity of Hazardous waste treatment and disposal facilities	Mass/MT	0	0	0	0
	Industrial waste					
	1. Total Industrial waste collected	Mass/MT		0	0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0	0
			packaging waste	0	0	0
			end of life vehicles	0	0	0
	1. Impor of Waste	Mass/MT	0	0	0	0
	2. Export of Waste	Mass/MT	21.6	0	0	21.60
	3. Import of hazardous waste	Mass/MT	0	0	0	0
	3. Export of hazardous waste	Mass/MT	0	0	0	0

OTHER INDICATORS						
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number	36774	4257	6105	47136
	2.Population connected to waste water collection system	Number	N.A	N.A	N.A	N.A
	3.Population connected to waste water treatment	Number	N.A	N.A	N.A	N.A
	4.Population living in hazard prone areas	Number	N.A	N.A	N.A	N.A
	5.Hazard-prone areas	Area	N.A	N.A	N.A	N.A
Generation and Management of Waste water			N.A	N.A	N.A	N.A

Table-10A, Rate of Waste Generation of Tuensang

SI.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	42.98
2	Wet waste	28.13% of Total waste	57.24
3	Mixed waste	50.13% of Total waste	102.01
4	Recycle waste	5.70% of Dry waste	2.56
5	E-waste	0.20% of Dry waste	0.09
6	Bio- Medical waste	0.71% of Dry waste	0.32

Table-11, Waste Statistics of Wokha District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies		Wokha District
	Generation and Management of Waste			Bhandari Town Council	Wokha Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/ MT		N.A	N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	N.A	N.A	N.A
			Municipal waste	N.A	N.A	N.A
			Combustion waste	N.A	N.A	N.A
	3. Amount of hazardous waste generated	Mass/ MT		N.A	N.A	N.A
Management of Waste	MUNICIPAL WASTE					
	1.Total municipal waste collected	Mass/MT		49.5	73.5	123
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/ MT	Recycling	0		0
			Composting	0	0	0
			Incineration	0	0	0
			Landfilled	49.5	58.5	108
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0	0
			Composting	0	0	0
			Incineration	0	0	0
			Landfilled	1	1	2
	3.Number of municipal waste treatment and disposal facilities	Number		1	1	2
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	N.A
	5.Number of Waste recycling plant installed	Number		0	0	0
	6. Whether Municipality is using waste segregation technique	Yes/No		2	2	2
	7.Whether Municipality ban the use of plastics	Yes/No		1	1	1

Management of Waste	HARZARDOUS WASTE					
	1.Total Harzardous waste collected	Mass/MT		0.33	0.42	0.75
	2.Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0	0
			Composting	0	0	0
			Incineration	0	0	0
			Landfilled	0.33	0.42	0.75
	3.Number of Hazardous waste treatment and disposal facilities	Number		0	0	0
	4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT		0	0	0
	Industrial waste					
	1.Total Industrial waste collected	Mass/MT		0	0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0	0
			packaging waste	0	0	0
			end of life vehicles	0	0	0
	1.Impor of Waste	Mass/MT		0	0	0
	2.Export of Waste	Mass/MT		3	15	18
3.Import of hazardous waste	Mass/MT		0	0	0	
3.Export of hazardous waste	Mass/MT		0	0	0	
OTHER INDICATORS						
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number		6482	35000	41482
	2.Population connected to waste water collection system	Number		N.A	N.A	N.A
	3.Population connected to waste water treatment	Number		N.A	N.A	N.A
	4.Population living in hazard prone areas	Number		N.A	N.A	N.A
	5.Hazard-prone areas	Area		N.A	N.A	N.A
Generation and Management of Waste water				N.A	N.A	N.A

Table-11A, Rate of Waste Generation of Wokha

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	25.98
2	Wet waste	28.13% of Total waste	34.60
3	Mixed waste	50.13% of Total waste	61.66
4	Recycle waste	5.70% of Dry waste	1.48
5	E-waste	0.20% of Dry waste	0.05
6	Bio- Medical waste	0.71% of Dry waste	0.18

Table-12, Waste Statistics of Zunheboto District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies	Zunheboto District
	Generation and Management of Waste			Zunheboto Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/MT		N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	N.A	N.A
			Municipal waste	N.A	N.A
			Combustion waste	N.A	N.A
	3. Amount of hazardous waste generated	Mass/MT		N.A	N.A
Management of Waste	MUNICIPAL WASTE				
	1.Total municipal waste collected	Mass/MT		120	120
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	120	120
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	1	1
3.Number of municipal waste treatment and disposal facilities	Number		1	1	
4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A	

Management of Waste	5.Number of Waste recycling plant installed		Number	0	0
	6. Whether Municipality is using waste segregation technique		Yes/No	2	2
	7.Whether Municipality ban the use of plastics		Yes/No	1	1
	HARZARDOUS WASTE				
	1.Total Harzardous waste collected		Mass/MT	0	0
	2.Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	0	0
	3.Number of Hazardous waste treatment and disposal facilities		Number	0	0
	4.Capacity of Hazardous waste treatment and disposal facilities		Mass/MT	0	0
	Industrial waste				
	1.Total Industrial waste collected		Mass/MT	0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0
			packaging waste	0	0
			end of life vehicles	0	0
	1.Impor of Waste		Mass/MT	0	0
	2.Export of Waste		Mass/MT	24	24
	3.Import of hazardous waste		Mass/MT	0	0
	3.Export of hazardous waste		Mass/MT	0	0
OTHER INDICATORS					
Access to selected basic services and housing conditions	1.Population served by municipal waste collection		Number	22633	22633
	2.Population connected to waste water collection system		Number	N.A	N.A
	3.Population connected to waste water treatment		Number	N.A	N.A
	4.Population living in hazard prone areas		Number	N.A	N.A
	5.Hazard-prone areas		Area	N.A	N.A
Generation and Management of Waste water			N.A	N.A	

Table-12A, Rate of Waste Generation of Zunheboto

Sl.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	25.34
2	Wet waste	28.13% of Total waste	33.76
3	Mixed waste	50.13% of Total waste	60.16
4	Recycle waste	5.70% of Dry waste	1.44
5	E-waste	0.20% of Dry waste	0.05
6	Bio- Medical waste	0.71% of Dry waste	0.18

Table-13, Waste Statistics of Noklak District

Topic/ Area	Statistics	Category of Measurement		Municipal Bodies	Noklak District
	Generation and Management of Waste			Noklak Town Council	
Generation of Waste	1. Amount of waste generated by economics activity	Mass/MT		N.A	N.A
	2.Amount of waste generated by waste category	Mass/MT	Chemical waste	N.A	N.A
			Municipal waste	N.A	N.A
			Combustion waste	N.A	N.A
	3. Amount of hazardous waste generated	Mass/MT		N.A	N.A
Management of Waste	MUNICIPAL WASTE				
	1.Total municipal waste collected	Mass/MT		9	9
	2.Amount of municipal waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	9	9
	2.a. Number of Municipal waste treatment facilities by type	Number	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	1	1
	3.Number of municipal waste treatment and disposal facilities	Number		1	1
	4.Capacity of municipal waste treatment and disposal facilities	Mass/MT		N.A	N.A
	5.Number of Waste recycling plant installed	Number		0	0
	6. Whether Municipality is using waste segregation technique	Yes-1/No-2		2	2
	7.Whether Municipality ban the use of plastics	Yes-1/No-2		1	1
HARZARDOUS WASTE					
1.Total Harzardous waste collected	Mass/MT		0	0	

	2.Amount of Hazardous waste treated by type of treatment and disposal	Mass/MT	Recycling	0	0
			Composting	0	0
			Incineration	0	0
			Landfilled	0	0
	3.Number of Hazardous waste treatment and disposal facilities	Number		0	0
	4.Capacity of Hazardous waste treatment and disposal facilities	Mass/MT		0	0
	Industrial waste				
	1.Total Industrial waste collected	Mass/MT		0	0
	Amount of Recycle waste	Mass/MT	e-waste	0	0
			packaging waste	0	0
			end of life vehicles	0	0
	1.Impor of Waste	Mass/MT		0	0
	2.Export of Waste	Mass/MT		0	0
	3.Import of hazardous waste	Mass/MT		0	0
	3.Export of hazardous waste	Mass/MT		0	0
OTHER INDICATORS					
Access to selected basic services and housing conditions	1.Population served by municipal waste collection	Number		7674	7674
	2.Population connected to waste water collection system	Number		N.A	N.A
	3.Population connected to waste water treatment	Number		N.A	N.A
	4.Population living in hazard prone areas	Number		N.A	N.A
	5.Hazard-prone areas	Area		N.A	N.A
Generation and Management of Waste water				N.A	N.A

Table-13A, Rate of Waste Generation of Noklak

SI.No	Category of waste	Rate of waste generation	Quantity in MT
1	Dry waste	21.12% of total waste	1.90
2	Wet waste	28.13% of Total waste	2.53
3	Mixed waste	50.13% of Total waste	4.51
4	Recycle waste	5.70% of Dry waste	0.11
5	E-waste	0.20% of Dry waste	0.004
6	Bio- Medical waste	0.71% of Dry waste	0.01

