

# JAJARKOT EARTHQUAKE

## Quad-Day Situation Analysis Report

(15-18 November, 2023)

Editor: Dr. Raju Thapa, DPNep



### Government Building and Private Housing Damage



**34**

Partially Damaged



**26,557**

Completely Damaged

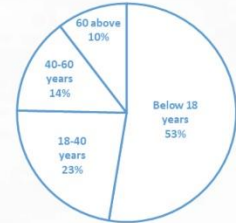


**35,455**

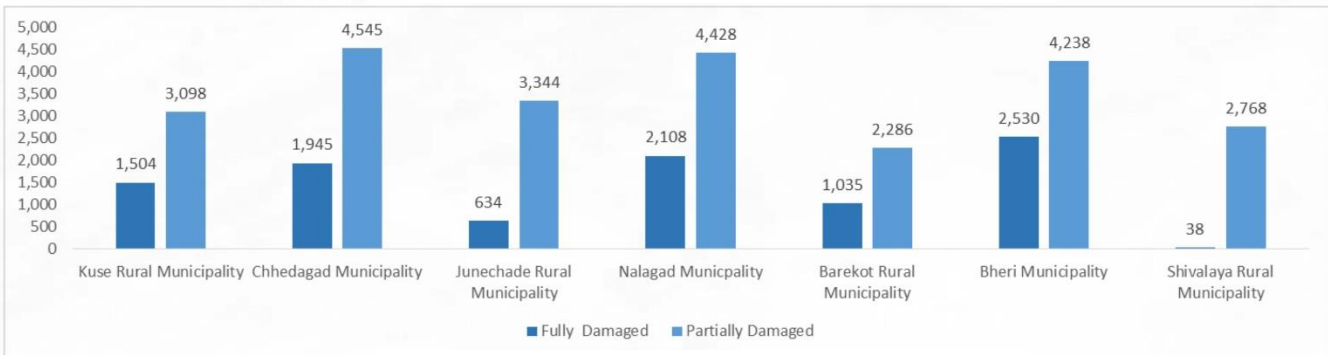
Partially Damaged

### Death Statistics

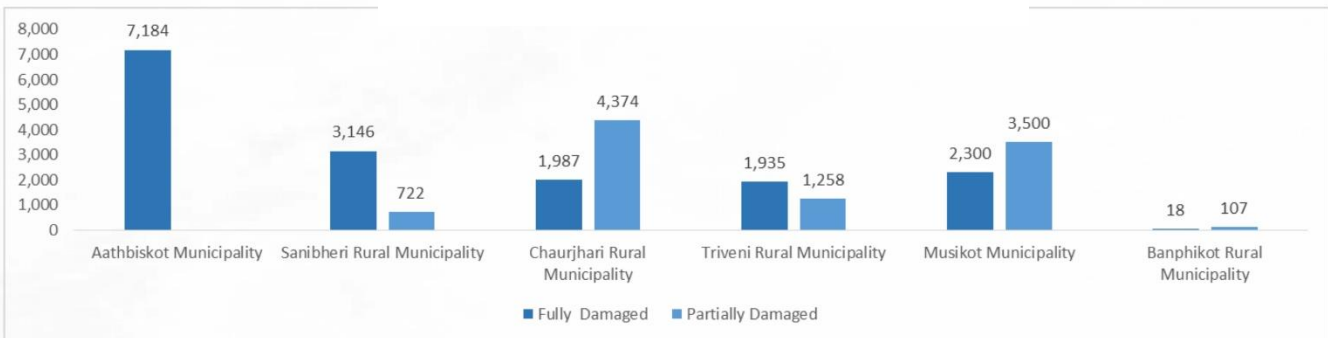
Below 18 years	81
18-40 years	35
40-60 years	22
60 above	16



### Household Damage - Jajarkot



### Household Damage - Rukum West



### Relief Distribution - Jajarkot and Rukum West



**621**  
Family Tent



**41,256**  
Tarpaulins



**29,939** pcs  
Blankets



**2,680** pcs  
Blankets (Cotton)



**4,496**  
P-Foam



**4,358**  
Mattress



**1,154**  
Sleeping Bag



**27,311** sacks  
Rice



**2,918** sacks  
Beaten Rice



**1,983**  
Hygiene Kit



**7,518** ltr  
Cooking Oil



**4,511** KG  
Lentils

This report highlights the significant impact of the recent earthquake in the Jajarkot and Rukum West, detailing the extensive damage to housing and the subsequent challenges in relief distribution. A total of 26,557 houses have been completely destroyed, and 35,455 have been partially damaged. This devastation necessitates the distribution of at least 62,012 tarpaulins for temporary shelter. However, the report notes a shortfall in relief efforts, as only 41,256 tarpaulins have been distributed, leaving more than 20,000 households without this essential aid. The ongoing rain, snow, and aftershocks exacerbate the situation, rendering even partially damaged houses unusable.

The report also highlights on the broader consequences of the earthquake. Locals have been started to construct temporary shelters using available materials, reflecting the urgency and desperation of the situation. The growing cold has worsened health conditions, particularly among vulnerable groups such as children, the elderly, and those with chronic diseases. Tragically, this has already resulted in fatalities. The government and various organizations have initiated some relief measures, like cash relief distribution to affected families and medical treatment services by health teams, but these efforts are still falling short of the extensive needs of the affected communities.

Further, the report identifies significant administrative and logistical challenges in managing the crisis. There has been a temporary hold on relief material distribution in some areas due to incomplete data on damaged households. The need for detailed assessments and adherence to guidelines for resource mobilization and distribution is emphasized to ensure effective and equitable relief efforts. Despite the introduction of new grant procedures and other support measures, the scale of the disaster and the immediate needs of thousands of families highlight the need for a comprehensive response to address the housing, health, and welfare challenges in the aftermath of the earthquake.

## HIGHLIGHTS

- Temporary Hold on Relief Material Distribution in Bheri Municipality.
- Locals Have Started Building Temporary Shelter.
- Growing Cold Worsens Health Condition.
- Cracked and Weekend Structures Collapsed Resulting Injuries.
- Healthcare Teams Visit Earthquake-Affected Areas.
- Cash Relief Distributed to Families Of Quake Victims.
- Bheri Municipality Initiates Post-Earthquake Cleanup.
- Birthing Center at Ghetma, Aathbiskot Municipality.
- Data Collection and Validation.
- Exploring Which Age Group Suffered Most In Earthquake.
- Highlights of the New Grant Procedure with Annexes for Earthquake-Affected Families.
- Request To Follow One Door Policy Guidelines.
- Loss & Damage and Relief Distribution Details.

## LOCALS HAVE STARTED BUILDING TEMPORARY SHELTER

Jagat BK and his family of seven members luckily survived by the devastating earthquake. On November 4, 2023, their one-story stone-roofed building collapsed, trapping all family members under the debris. Thankfully, neighbors quickly came to their rescue within 20 minutes, saving everyone's lives.

In a similar incident in Rawatgun, Bheri Municipality Ward No. 2, 86-year-old Rameshwar Khanal recalls never experiencing such a dangerous earthquake in his lifetime. He and his two grandsons, aged 2 and 3, were buried under their house when it collapsed. Neighbors rushed to their aid, saving their lives. The elderly man expressed immense relief and joy for the safety of his grandsons.

In response to these events, locals in the affected communities have begun constructing temporary shelters using available materials like wood, rods, galvanized steel sheets, stones, and tarpaulins. Jagat BK explained that they built their house with resources at hand, as waiting for government or ward assistance takes time. His family members started falling ill due to the cold, prompting them to take initiative. He also encourages community members to collaborate in building similar structures until government support for temporary shelter becomes available. Ganesh Malla's house was also damaged by earthquake, now his temporary house is ready.



## GROWING COLD WORSENS HEALTH CONDITION



Two senior citizens, 88-year-old Dhuleshwar Karki from Bheri municipality ward no 2 and Narendra Bahadur Singh from Barekot rural municipality ward no 4, have died due to the cold. After their homes were damaged by the earthquake, they had been living under tarpaulins. Bir Bahadur Giri, chairman of Barekot rural municipality reported that Karki and Singh, were suffering from chronic respiratory illnesses, died due to complications exacerbated by the cold. Over 34,000 families in Jajarkot have been forced to live under tarpaulins as their houses became uninhabitable.

The living conditions under the tarpaulins have particularly affected children, postpartum women, people with chronic diseases, and the elderly. There has been an increase in respiratory problems among children and the elderly, reported the Chief District Officer of Jajarkot, Suresh Sunar. Gathu Shahi, aged 55 from Kuse Rural Municipality ward no. 6, Devi Malla from

Thime, Kuse ward no. 5, Gopal Awal from Kalchiura, Nalagad Municipality ward no. 4 and Pampha Rawal from Maya Danda, Nalagad Municipality ward no. 4 also lost their live due to cold last week.

## CASH RELIEF DISTRIBUTED TO FAMILIES OF QUAKE VICTIMS

Rukum west has started distributing the cash relief to the families who has lost their family members in earthquake. Hari Prasad Panta, CDO and Chairperson of DDMC in Rukum West informed, in Sanibheri Rural Municipality-6, families of 10 people who died got Rs 1.6 million, and 20 families got Rs 5.1 million in total. 41 families who lost someone in the earthquake have been given cash. Still 12 families from nine households are waiting to receive the money, as their documents are yet to be verified; five of the families are from outside West Rukum. The federal government has allocated financial assistance for families who have suffered the loss of a member. Each family that has lost one individual will receive Rs 200,000. Additionally, if another family member has also been lost, the family will receive an additional Rs 100,000 per person.



क्र.सं.	राहत भूमिकाको नाम	सुधारको नाम	डेगाम	दुर्घटनाको राहत रकम	टिप्पणी
१	मान्यहादुर मन्त	सरिता वि.क.	आठबिसकोट १४ रूकुम पश्चिम	२०००००.००	
२	शैराम वैसी	मदन वैसी	आठबिसकोट १४ रूकुम पश्चिम	२०००००.००	
३	विपेन्द्र वैसी	अनुता पत्नी वैसी निता वैसी भाबना वैसी विशेश वैसी	आठबिसकोट १४ रूकुम पश्चिम	५०००००.००	४ जना मृतक एकै परिवारका भएकोले एकजनाको दुई लाख रूैया र बाँकी सभ्यको प्रतिव्यक्ति एक लाखका दरले वितरण गरिएको ।
४	परे नेपाली	जले नेपाली	आठबिसकोट १४ रूकुम पश्चिम	२०००००.००	
५	कमल चनरा वि.क.	भरोसा वि.क.	आठबिसकोट १४ रूकुम पश्चिम	२०००००.००	
६	जयवहादुर वि.क.	रहिसा वि.क.	आठबिसकोट १४ रूकुम पश्चिम	२०००००.००	
७	गणेश एम.सी.	कुम्हारे महतारा	आठबिसकोट १४ रूकुम पश्चिम	२०००००.००	
८	विश मन्त	अमृता मन्त	आठबिसकोट १४ रूकुम पश्चिम	२०००००.००	
९	खिला मन्त	चन्द्रकला मन्त	आठबिसकोट १४ रूकुम पश्चिम	३०००००.००	२ जना मृतक एकै परिवारका भएकोले

## TEMPORARY HOLD ON RELIEF MATERIAL DISTRIBUTION IN BHERI MUNICIPALITY

The Office of the Municipal Executive, Bheri Municipality has published a notice on November 13, 2023, informing that Bheri Municipality has suspended the distribution of the first-level relief materials until further notice. This suspension is due to the fact that the detailed data of the damaged households have not been finalized yet and may take some time to compile. The executive has also requested that persons with diseases and pregnant women visit the office with valid documents prepared by a hospital, or visit their ward office for more information on the relief distribution.



## CRACKED AND WEAKEND STRUCTURES COLLAPSED RESULTING INJURIES

In West Rukum, four people and in Jajarkot one person were injured when the weakened structures felled. 16 years old, Kavita Gautam from Saglak, Barekot rural municipality ward no 9, Jajarkot was injured by a stone falling from a house damaged by the earthquake on the day of Bhai Tika, when she was walking nearby. She has a serious injury on her leg, receiving treatment at Bheri Hospital in Nepalgunj. Similarly, in Banphikot rural

municipality ward no 8, Dulima of West Rukum, the house of Jhakbir Sunar, weakened by the earthquake, collapsed, and injured four people by falling of debris while applying Tihar's Tikka inside the weakened structure. During the collapse, 70-year-old Aiti Kami, 60-year-old Birmi Kami, 29-year-old Elisa Sunar Wali, and her 17-month-old daughter Dibinansi Wali were slightly injured. After receiving treatment at the District Hospital in Salle, all four have returned home.

## HEALTHCARE TEAMS VISIT EARTHQUAKE-AFFECTED AREAS

Karnali Institute of Health Sciences, Jumla, has provided medical treatment services directly to the homes of earthquake victims in Jajarkot and Rukum West. According to the institute's Dr. Mangal Rawal, vice-chancellor of the institute, along with the dean Dr. Dabal Bahadur Dhama, anesthesiologist Dr. Rabin Khatung, and Dr. Tosima Karki, visited the earthquake-affected areas and treated the injured. During this, the team treated people with various injuries including broken arms, legs and fractures, in different parts of Jajarkot and Rukum, Bheri Ganga and Nalgad municipality of Jajarkot; Kushe rural municipality and Aathbiskot Municipality of Rukum West. A public health team led by Dean Prof. Dr. Kshatri, including public health experts and psychosocial counselors, has also been deployed in the affected areas, conducted health and sanitation awareness



campaigns and distributed a thousand hygienic kits provided by the America-Nepal Medical Foundation to the victims." Around 100 people in Pachkate, and 150 people in Gharaga's, received medical health services and mental health - psychosocial first aid support at Kuse rural municipality ward no 4, 5, 6 & 7 and Bheri municipality in Jajarkot.

## BHERI MUNICIPALITY INITIATES POST-EARTHQUAKE CLEANUP



Bheri Municipality started cleanup campaign to remove debris and structures destroyed by the earthquake from 17 November, 2023. According to the Mayor of Bheri Municipality, Chandra Prakash Gharti, the cleanup has begun to remove the debris at Upper Thaple, Bheri Municipality ward no 3. About 50 skilled human resources has been supporting the campaign for now. 45 people of Bheri Municipality lost their life by the devastating earthquake. The volunteer groups cleaned up the debris of the Antique historic heritage, Jajarkot Durbar presently know as Durbar Homestay at Upper Thaple.

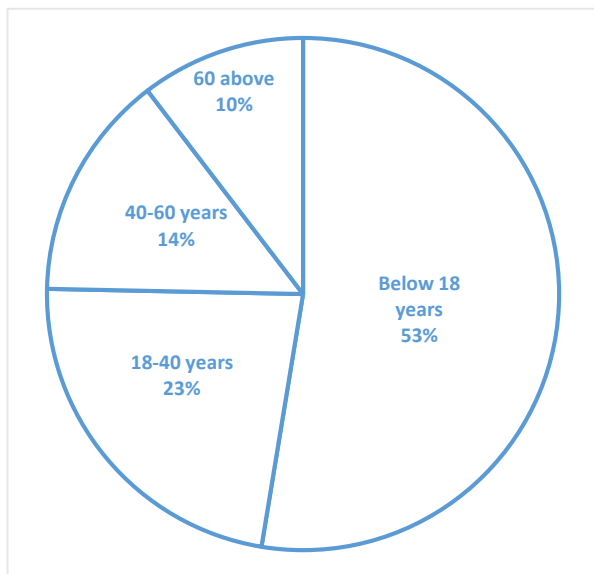
## BIRTHING CENTER AT GHETMA, AATHBISKOT MUNICIPALITY

Temporary birthing center has been established in Ghetma, Aathbiskot Municipality, and China Bagar in Sanibheri Municipality, Ward No. 1 of West Rukum, utilizing medical tents and delivery equipment. The local health center was severely impacted by the earthquake, complicating the management of pregnancy and delivery cases. In response, donor agencies have generously provided support to the municipality, supplying medical tents, pregnancy delivery equipment, and medicines. This initiative focuses on offering essential care to pregnant and lactating women, ensuring their health needs are met during this challenging time.



## EXPLORING WHICH AGE GROUP DIED MOST IN EARTHQUAKE

The statistics from the Jajarkot and Rukum West earthquakes reveal a significant impact on various age groups, with a total of 154 fatalities segmented into four age categories. The most affected group was individuals below 18 years, accounting for 81 deaths, which is more than half of the total fatalities. This high number in the youngest age group could be indicative of several factors, including the vulnerability of children and adolescents in disaster situations, possibly due to their limited ability to respond quickly or find safe area during the earthquake.



The age group of 18-40 years saw 35 deaths. This demographic typically comprises the active, working-age population. The lesser number of fatalities compared to the younger age group could suggest a higher awareness or ability to respond to the earthquake, although the number is still significant.

The 40-60 years age group experienced 22 deaths. This middle-aged group is generally considered more capable of self-preservation during disasters due to their life experience and awareness, which might explain the lower number of fatalities compared to the younger groups.

The least affected were those aged 60 and above, with 16 deaths. While this is the smallest number among the categories, it's noteworthy considering the physical vulnerabilities typically associated with older age. The relatively lower number in this group could be a result of fewer elderly individuals in the population.

Considering these fatalities in relation to the housing structures in the region, most of which were made of mud and stone and thus highly susceptible to earthquake damage, it is probable that the high casualty rate, particularly among the younger and older populations, could be partly attributed to the collapse of these vulnerable structures. The statistics highlights the need for earthquake-resistant housing, especially in areas with a significant population of children, adolescents, and the elderly, to mitigate the risk of such high casualty numbers in future seismic events.

## DATA COLLECTION AND VALIDATION



Aathbiskot Municipality has published a notice requesting people to submit the information and details about the status of the houses, including the name of house owner by COB 12 December 2023, to detect the total number of partially damaged households in the municipality.

District Administrative Office of Rukum West published a notice on 15 November, 2023 requesting all the local level government and authorizes to provide the details of the damage caused by the earthquake in specified format so as to figure out the total loss and damage in the Rukum West.

## REQUEST TO FOLLOW ONE DOOR POLICY GUIDELINES

Jajarkot DDMC Meeting held on 18 November, 2023 requested all the local government and wards to provide the details of the completely and partially damaged households by COB 23 November 2023 so the DDMC along with DAO can work in procedure for releasing the first tranche for Temporary Settlement. CDO of Jajarkot, Suresh Sunar, emphasized the need of HH assessment in details for the proper planning and mobilization of the resources. He mentioned that, few of the organizations and political parties have been reaching and distributing the relief materials without being through the One Door system and noticing DAO and ward offices, which has been accumulating the peoples grievances on improper distribution of the relief in the affected community, he requested all the Donor agencies, NGOs and INGOs to come through the one door system and donate reliefs. Doing this will help to eliminate the duplicity of relief distribution in the same communities, allowing to support the every communities based on the need and intensity of effect on the community.



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## HIGHLIGHTS OF THE NEW GRANT PROCEDURE WITH ANNEXES FOR EARTHQUAKE-AFFECTED FAMILIES

In a significant move to support earthquake-affected families, the Government of Nepal has introduced "Temporary Housing Construction Grant Procedure for Earthquake-Affected Families, 2080." This comprehensive procedure is designed to provide structured assistance for the construction of temporary housing for families whose homes have been completely damaged or partially damaged by earthquakes. The procedure outlines a systematic approach to manage the grant distribution, emphasizing the identification of eligible families through a collaborative effort between local authorities and technical personnel. The grant, totaling NPR 50,000, is to be distributed in two installments, with a clear focus on timely and efficient utilization for housing construction. Significantly, the procedure includes detailed annexes that provide a framework for the implementation of the guidelines. These annexes contain essential elements such as the required documentation for grant application, a list of construction materials, and construction guidelines, ensuring clarity and transparency in the process. This initiative marks a crucial step in Nepal's ongoing efforts to support earthquake affected families, providing a remarkable support to those in need of shelter. The government call eligible families to adhere to the guidelines and complete the necessary documentation to avail of this assistance promptly. The announcement has been welcomed as a positive development in disaster response and management in Nepal. Please click the link below to access the procedure.

भूकम्प प्रभावित घरपरिवारलाई अस्थायी आवास निर्माण अतुदान कार्यविधि,  
२०८०

(विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन ऐन, २०७४ को दफा ६ बमोजिमको कार्यकारी समितिद्वारा मिति  
२०८०/०८/२६ मा स्वीकृत)



नेपाल सरकार

गृह मन्त्रालय

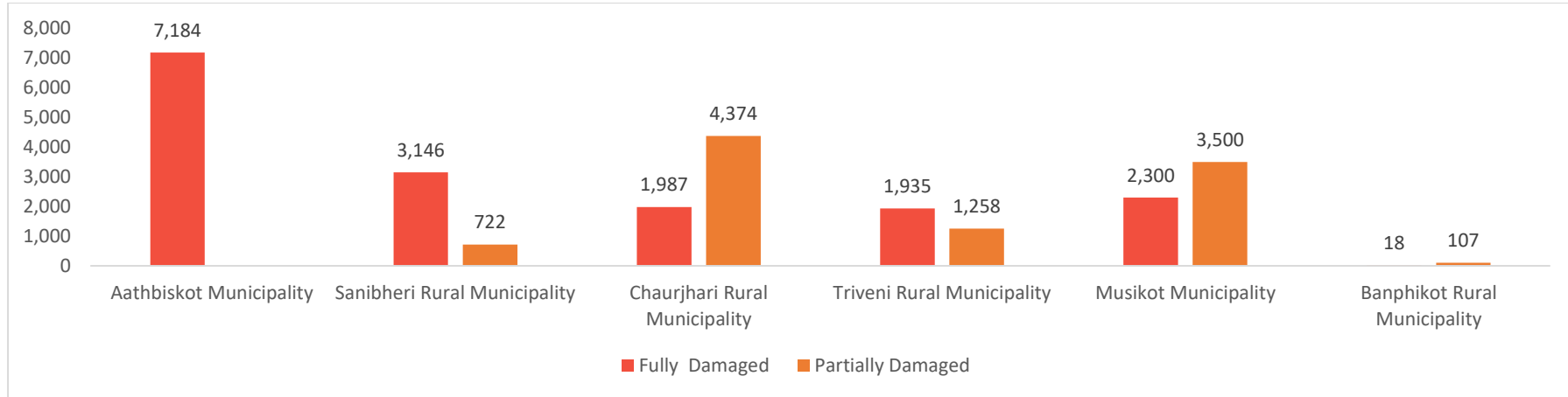
राष्ट्रिय विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन प्राधिकरण



## LOSS & DAMAGE AND RELIEF DISTRIBUTION DETAILS

Data as of November 11, 2023

### HOUSEHOLDS DAMAGED - RUKUM WEST



### RELIEF DISTRIBUTION – RUKUM WEST

 **489**  
Family Tent

 **18,977**  
Tarpaulins

 **10,737** pcs  
Blankets

 **2,091**  
P-Foam

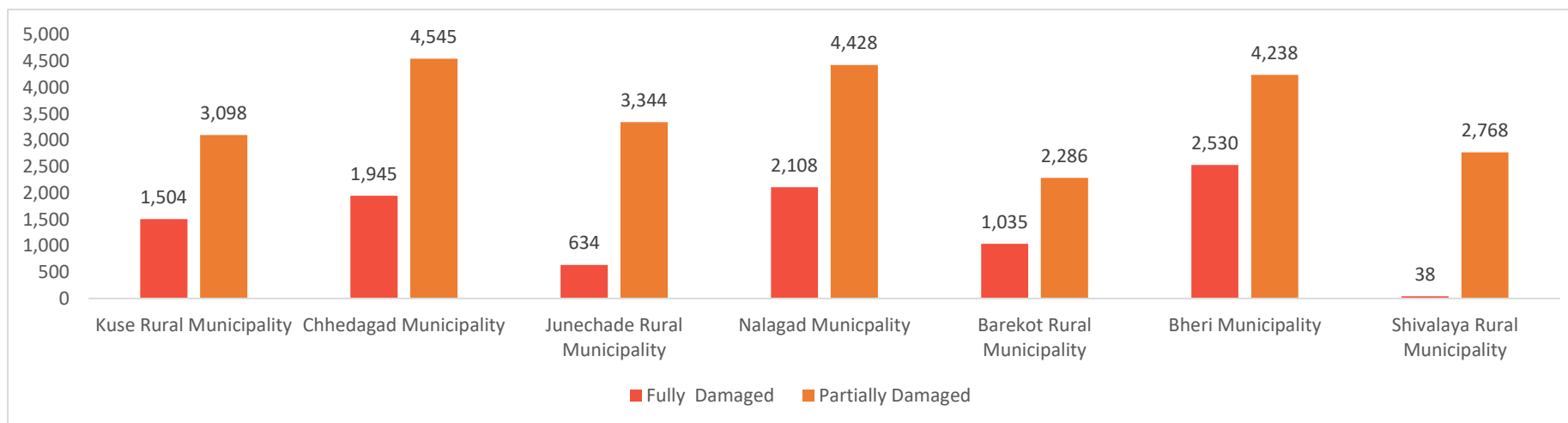
 **6,387** sacks  
Rice

 **4,511** KG  
Lentils

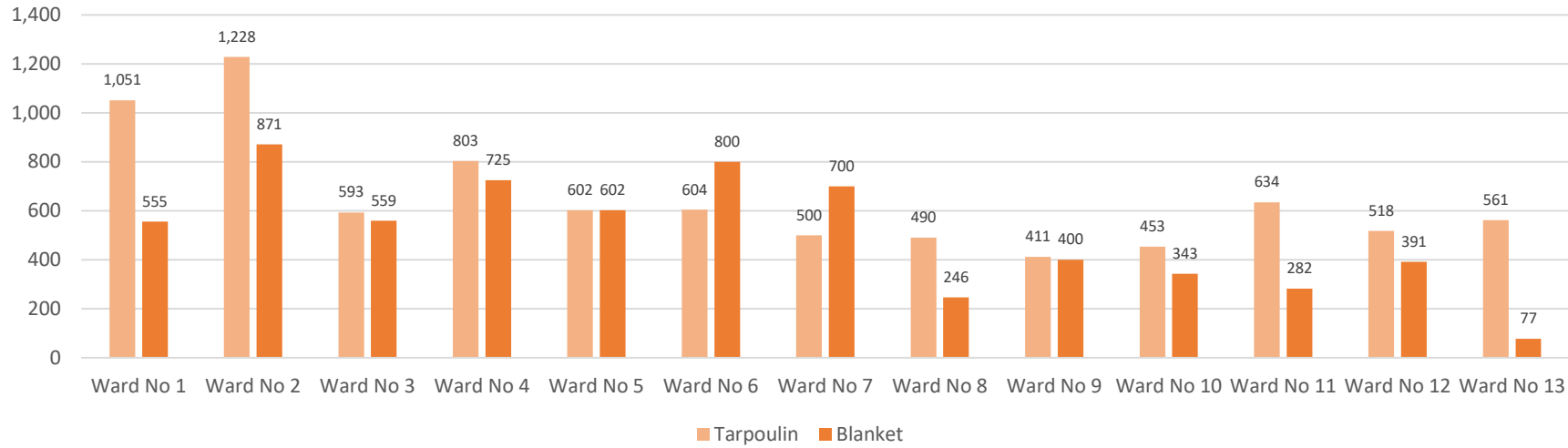
 **7,518** ltr  
Cooking Oil

Item Name	Unit	Aathbiskot Municipality	Sanibheri Rural Municipality	Chaurjhari Rural Municipality	Triveni Rural Municipality	Musikot Municipality	Banphikot Rural Municipality	Total
Tarpaulin	piece	7181	4800	4600	661	1190	545	18977
Blanket	piece	2936	2400	3940	690	361	410	10737
Tent (Home)	piece	296	42	150	-	1	-	489
P-Foam	piece	521	640	550	20	260	100	2091
Rice	Sack	2865	2200	742	147	383	50	6387
Cooking Oil	Liter	1522	4600	546	160	540	150	7518
Lentils	Kg	2594	875	352	100	40	550	4511

## HOUSEHOLD DAMAGED – JAJARKOT



### Relief distribution in Bheri Municipality (Wardwise)



### RELIEF DISTRIBUTION – JAJARKOT



**132**  
Family Tent



**22,279**  
Tarpaulins



**19,202** pcs  
Blankets



**2,680** pcs  
Blankets (Cotton)



**4,496** rolls  
P-Foam



**2,267**  
Mattress



**1,154**  
Sleeping Bag



**200** pcs  
Health Kit



**3** pcs  
Medical Tent



**1,983** pcs  
Hygiene Kit



**2,500**  
Jackets



**1,233** pcs  
Piyush

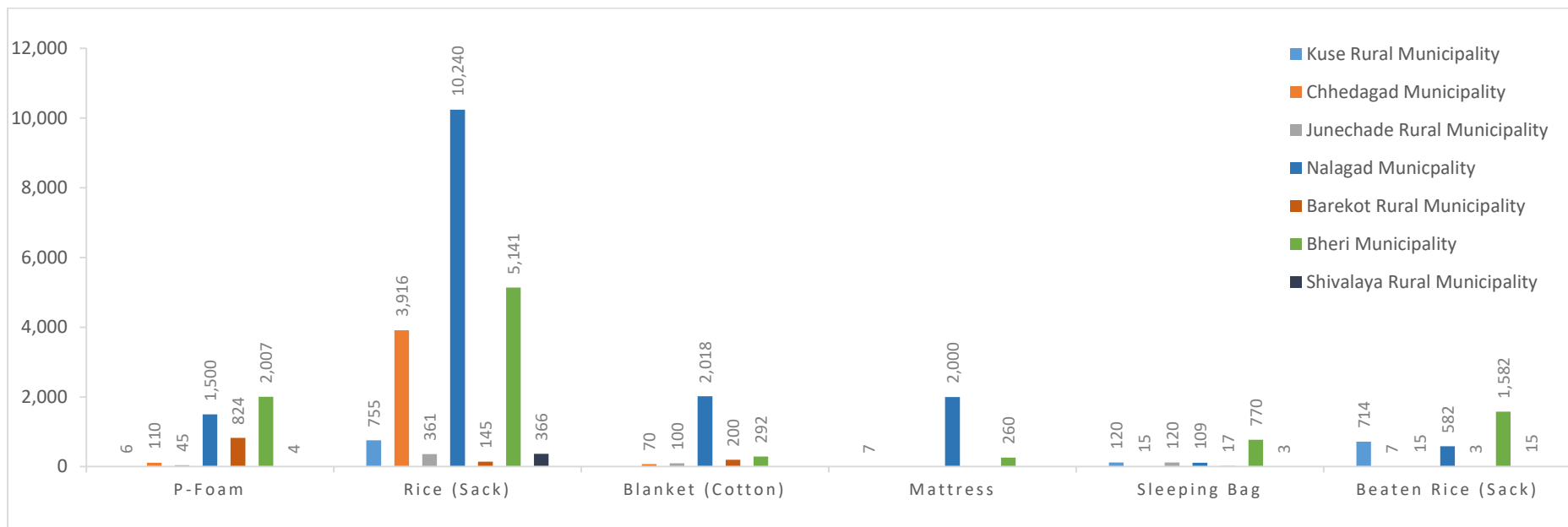


**20,924** sacks  
Rice



**2,918** sacks  
Beaten Rice

Item Name	Unit	Kuse Rural Municipality	Chhedagad Municipality	Junechade Rural Municipality	Nalagad Municipality	Barekot Rural Municipality	Bheri Municipality	Shivalaya Rural Municipality	Total
Tarpaulin	piece	1653	939	3156	7121	4180	4129	1101	22279
Blanket	piece	1260	1196	651	5202	5060	5333	500	19202
Tent (Home)	piece		4		30		98		132
P-Foam	piece	6	110	45	1500	824	2007	4	4496
Rice	Sack	755	3916	361	10240	145	5141	366	20924
Blanket (Cotton)	piece		70	100	2018	200	292		2680
Mattress	piece	7			2000		260		2267
Sleeping Bag	piece	120	15	120	109	17	770	3	1154
Child friendly Kit	piece				2		3		5
Health Kit	piece				200				200
Medical tent	piece			1			2		3
New born incentive Kit	piece				25				25
Noodles	piece	217	252	15	251	30	713	142	1620
Beaten Rice	Sack	714	7	15	582	3	1582	15	2918
Jacket	piece				500	2000			2500
Piyush	piece				1233				1233
Bucket	piece	129	16		1281	30	670	100	2226
Soap	piece	103	40		76		615		834
Soybean	Kg		23	9	212	18	15		277
Hygiene Kit	piece				1483	300	200		1983



Note: The above 'Loss & Damage and Relief Distribution Details' are based on the 10 November 2023 data from Jajarkot and Rukum West DAOs. Details on relief material providers and specifics will be updated by DAOs post-Tihar Festival

This Quad- Day Situation Analysis Report is prepared by DpNet in support of Plan International

