

TachiBagarchhap

Dharapani 1,085

2.484

Ghermu

Baihakhet Bansa

Chiti

Basantapur

3.660

Bhan

3,048 2,654

7,085 5,536

583

Khudi

3,645

Simpani

3.525

1,906 Gaunshahar

Bangre Neta Sindure Tarku Udipu

Rupakot.

4.570

Satiswara

-8 39

3 366

8.229

BharatpurN, P. 154,141

Gaidako

35,810

4,139 Gitanagar

7.326

Ayodhyapu

11,459

irmalBasti

10.472

4,877 Chhipchhipe

Kota

3,861

Virlung

5,650

Tanahusur 4.228

3,049

BhujungGhanpokhara

1,614 3.100

GilunngMaling

Karanu

5,244 5,586

Kotdarbar Kanhushivapur

7.607

Kotatha

3,304

Raiahar

Dibyapuri 11,916 Mukundapu

Ratanapu

3,89

12,333

16.15

9,903 Bagauda

lagatour 12,324

11,997

11,695

13,960

Byas N. P.

1,671 1,312 Nalma

lita

2.348

Risti

2.088

45,973 Damaulighasi

Chame

1,210

wfp.org

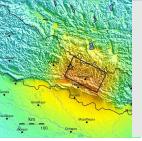
hapuchr

1.853

Sardikhola

3,689

Earthquake | Magnitude 7.8 (April 2015)



Namarjung

1,183

Mijuredanda Bhoie

4,058 2,135

1,619

Hansapor 2.279

3,895

Siddha

JamuneBhanjyang

10.543

5,907

Bulingtar

3.867

4.413

Devachuli

Shivmandir 10,780

Dhaubadi 8,111

RobateBitawan

6,414

13,849

UpalloArkhale

Pragatinaga 24,920

14.849

Dibyar

Vatio 8,931

15/163

rek 3,196

1,255 Bhachok

3,162

11,380 Manpang

Ramjako

7,178

Parche

2.591

Sildujur

Armala 2,673

1,499

Kalika 3.768

4,158

Lekhnath N

Bharatnokha

10,509

63,030

Dulegauda

4,975 Bhimad Chhang

Majhako

7,286

undhara (Ghiring)

Dedgaug 4,944

7.374

Vakamalang 3,521

3,276 3,497 4,155

3.176

Ruchang

Deurali

aghat 16.502

Tamasariva

11.123

9,695 Ku

9,428

nodaya 9,017 6,393

5,710 Mauja

okhara

467

12.853

Bhanumati

5,367

101

Geographic impact

A magnitude 7.8 earthquake occurred at 77km NW of Kathmandu at a depth of 15 km below ground.

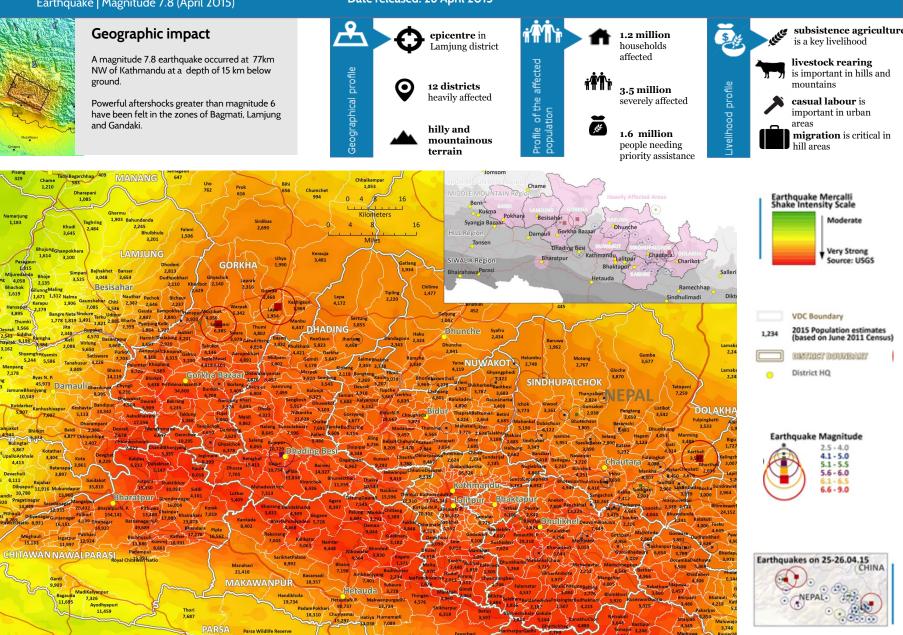
Powerful aftershocks greater than magnitude 6 have been felt in the zones of Bagmati, Lamjung and Gandaki.

VERSION O Date released: 26 April 2015

WFP Initial estimates

All information may change and need to be verified

2,570



ShreepurChhatiwa

22,233

Amlekhganj

7,190

17.978

OVERVIEW



Resilience profile

Resilience: Households in the rural areas - especially in hills and mountains - are among the least resilient, due to high poverty rates, and limited access to roads and markets. Urban areas are more resilient given higher connectivity and market access. Rehabilitation of critical infrastructure will be a priority in order to restore normalcy.

Food accounts for over 65% of household expenditures, for over half of rural households. This makes them particularly vulnerable to price increases.

Social protection (most relevant): The government's Poverty Alleviation Fund safety net targets the poorest households, through rural community infrastructure and income generation projects. The Agriculture Disaster Relief Programme, also government led, provides assistance through seeds and fertilizer support for disaster affected farmers. Some livestock insurance schemes are also active. Other programmes include school meals, pensions, and widow and disability allowances.



Food security and nutrition

Diet diversity: In rural areas, close to 90% of households derive over 65% of their caloric intake from staples (cereals and tubers), reflecting low access to nutritious and balanced diet. After staples, the main sources of energy are milk and oil, followed by pulses and vegetables. Dietary diversity is particularly low in remote, mountainous areas. Diet diversity is relatively good in urban areas.

Food sources: In rural areas, about half of the food (in terms of caloric intake) comes from own production. Aside from staples, half of which are home produced, households also produce milk, vegetables and pulses themselves. In Kathmandu and other urban areas, households buy almost all of their food. In both urban and rural areas, meat and oil is mainly purchased.

Nutrition: Half the children in rural areas, and a guarter of children in Kathmandu, are stunted. Wasting rates are around 6%. in both rural and urban affected areas.



Livelihood profile

Livelihoods: The dominant livelihood activity in affected rural areas is subsistence farming (cropping and livestock rearing), followed by remittances and casual labour. Seasonal migration, primarily to India, is also an important livelihood strategy, especially in the Hill areas, where about half of the households have at least one member migrating. In urban areas, livelihoods are more diversified, and include government and factory employment, tourism, as well as casual labor. Casual labourers will likely be employed in the short term to remove debris, and so will likely restore their livelihoods shortly.

Agriculture: The main winter crops (wheat and barely) have recently been harvested, but damage to stocks are highly likely. Planting for maize was ongoing when the earthquake struck, and planting for rice and millet was due to start next month. It is therefore likely that maize, rice and millet production this year will be severely affected.



Markets and Cash & Vouchers

Markets: Markets in both urban and rural areas are thought to have been severely disrupted. Many of the affected rural districts have very limited market access, even in normal times. The main regional markets supplying the affected areas are Bharatpur (likely to have been severely affected) and Bhairahawa (possibly less affected), which both serve as key trade hubs with India. Bharatpur is particularly important, as it supplies the urban consumer market hub in Pokhara - which itself services rural markets in surrounding affected districts.

Prices: Price hikes in both urban and rural areas are expected. Even in normal conditions, markets in rural areas are poorly integrated, with food prices largely determined by transportation costs. Prices in rural mountain districts, in particular, can be up to three times more expensive than in source markets. In addition, past experience has shown that prices can guickly double following road closures.

Cash & Vouchers: Given the above, it is recommended to focus the immediate response on in-kind assistance. The appropriateness of transitioning to cash in some areas will be determined through further assessments.



Logistics and communications

Coordination: The Government of Nepal has activated the Logistics Cluster, which WFP is co-leading. Immediate priorities will be supporting search and rescue teams; transporting lifesaving medical equipment, items and personnel; and transporting emergency food, shelter and other non-food items.

Air transport: There are 47 airstrips countrywide, but only the one at Kathmandu airport can accommodate wide-bodied fixed-wing aircrafts. In view of the anticipated heavy congestion at the Kathmandu airport, WFP is working with the Government and the Humanitarian Coordination Team on a prioritisation mechanism for incoming flights/delivery of relief items. Assessments are also ongoing to identify other potential airstrips within the country. Jet A1 fuel (aircraft) is imported from India, so ensuring fuel pipeline is essential.

In the initial days, humanitarian operations will draw on the foreign military presence. The deployment of UNHAS will also be required, particularly helicopters to access remote mountainous areas.

Land and sea transport: Truck availability and capacity is normally good in Nepal. Access within the Kathmandu Valley appears to be fine, although accessing mountainous areas within the valley is reported to be impossible due to extensive damage. To ease the traffic flow into Kathmandu airport, WFP is exploring the use of road transport from India (e.g. Calcutta and Birganj). However, possible delays due to customs clearance at the border, as well as onwards transport within Nepal, might prove very challenging.

Warehouses: The recently completed WFP-government humanitarian staging area near Kathmandu airport is operational. In country, WFP has 32 mobile storage units incountry ready to deploy and establish as hubs in the affected areas.

IT and communications: VHF radio communication is working well. Although Nepal Telecom and Ncell mobile networks are working in most areas of Kathmandu, networks are congested and making calls is difficult. There is no power in the city area, meaning cellphone and computer batteries may soon run out. Internet through local service providers is working. There is very little information on mobile networks and power in rural areas.

ADDITIONAL INFORMATION

ASSUMPTIONS

Geographic impact: based on the USGS shakemaps and Mercalli intensity scale.

Affected population: all population according to projected 2011 census data residing in the areas assumed strongly to violently impacted. Population living in assumed moderately and lightly impacted areas were not included.

People in need of food assistance: determined by overlaying geographic impact with quality of housing indicator. Houses made of mud bonded bricks or unbaked bricks were assumed less resistant than cement and wood/bamboo housing.

REFERENCES & LINKS

- → Excel spreadsheet on estimated affected population and households by VDC's and priority areas.
- → OPWeb <u>http://opweb.wfp.org/</u>
- → OCHA COD/FOD registry <u>http://www.</u> humanitarianresponse.info/applications/data
- → WFP Geonode <u>http://geonode.wfp.org</u>
- → Copernicus <u>http://www.copernicus.eu</u>
- → NeKSAP Food Security Information System in Nepal <u>http://www.neksap.org.np/</u>

TRAVELLERS' INFORMATION

The average altitude of the affected areas ranges from 1,400 m to 2,500m.

The weather is cold, with temperatures forecast to be around 12 degrees Centigrade at night and a maximum of 27 degrees during daytime. During daytime it can be expected to be sunny. **Heavy rains are expected over the coming days**, which will complicate the operation.

Not available:

- → Accomodation
- → Food and drinking water
- → Shops / restaurants
- → Clothing and footwear
- → Heating
- → Electricity
- → Mobile phone network
- → Health care

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STATISTICAL PROFILE

Region	District	Total population 2015	Households (2011)	Food poverty prevalence	Underweight	Wasting	Stunting	Diarrheoa	Share of households with weak houses.	Share of houses without toilet	Share households with improved drinking water source	Poverty rates
Central	Dolakha	198,358	45,658	35%	32%	7%	51%	11%	92%	30%	78%	26%
Central	Sindhupalchok	169,559	34,615	37%	31%	9%	48%	12%	72%	36%	78%	25%
Central	Kabhre	402,104	80,65 I	22%	25%	10%	38%	11%	84%	27%	79%	14%
Central	Lalitpur	490,393	109,505	14%	19%	8%	31%	13%	30%	4%	70%	8%
Central	Bhaktapur	320,105	68,557	12%	20%	8%	31%	13%	39%	3%	82%	13%
Central	Kathmandu	1,821,040	435,544	20%	15%	6%	28%	15%	16%	1%	70%	8%
Central	Nuwakot	295,532	59,194	25%	26%	10%	39%	10%	92%	41%	87%	20%
Central	Rasuwa	45,151	9,741	41%	32%	9%	47%	10%	87%	43%	88%	32%
Central	Dhading	358,242	73,842	26%	23%	9%	42%	11%	85%	30%	85%	19%
Western	Gorkha	288,208	66,458	22%	25%	8%	42%	12%	87%	27%	63%	20%
Western	Lamjung	178,055	42,048	19%	21%	7%	39%	12%	76%	20%	88%	17%
Western	Kaski	515,411	125,459	9%	15%	8%	31%	13%	32%	1%	92%	4%