



Food insecure population

Total food insecure 1,162,500

Priority 3 104,500

Priority 2 752,900

Priority 1 305,100

Children &lt; 2 83,200

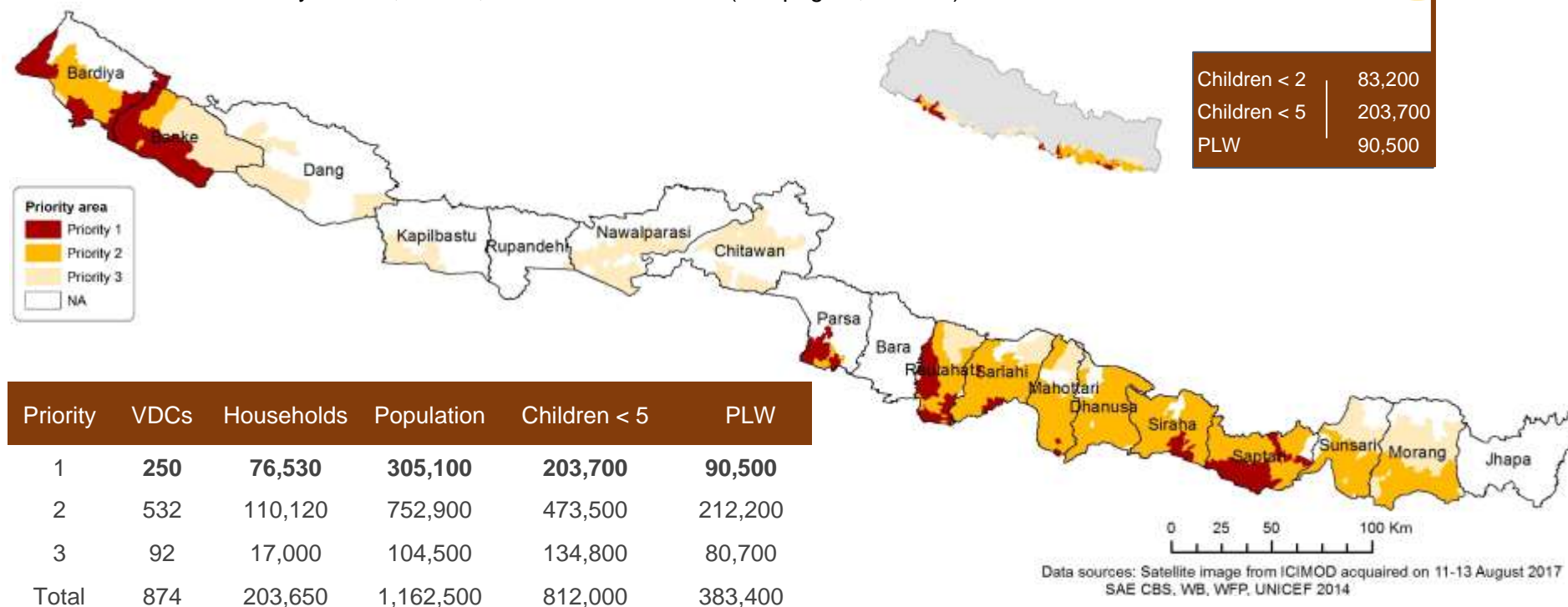
Children &lt; 5 203,700

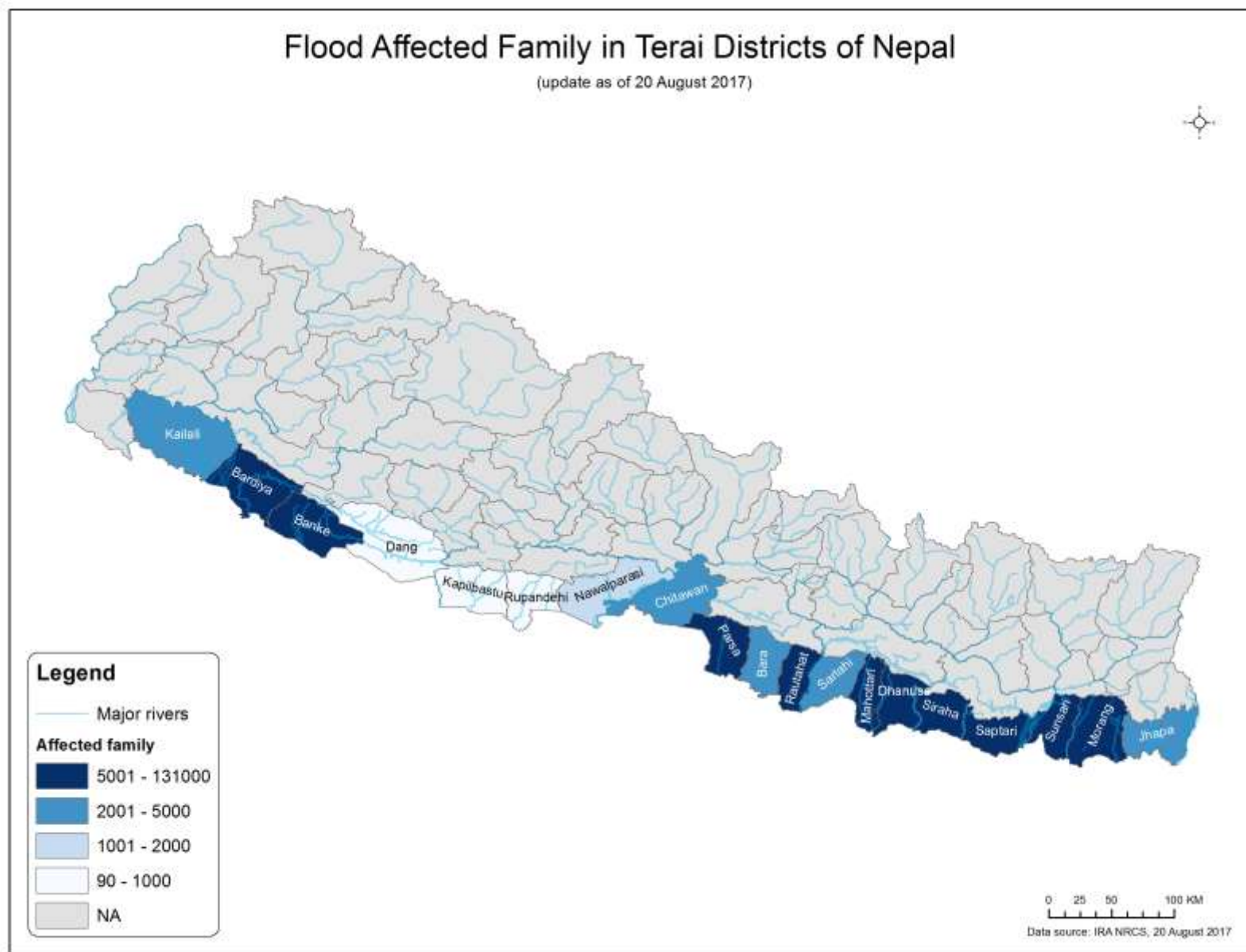
PLW 90,500

Nepal Food Security Monitoring System (NeKSAP) released version 1.0 of the assessment report on 21 August 2017. Version 2.0 has been updated based on results of the Initial Rapid Assessment (IRA) obtained from Nepal Red Cross Society (NRCS) and the latest field updates from NeKSAP.

The IRA results indicate that 1.68 million people were affected by the flood in 19 Terai districts. Around 455,000 people were displaced, 63,000 houses were fully damaged and 118,000 houses were partially damaged (see Annex 3). 40 VDCs are still not accessible by vehicle. It is estimated that more than 1.16 million people are food insecure in the affected areas and 305,000 people need food assistance on a priority basis. In priority one areas, there are approximately 203,700 children under five years of age and 90,500 pregnant or lactating women.

The updated analysis suggests that Saptari, Rautahat, Mahottari, Bardiya and Banke were the most affected districts followed by Sarlahi, Siraha, Parsa and Dhanusha (see page 2, 3 and 4).



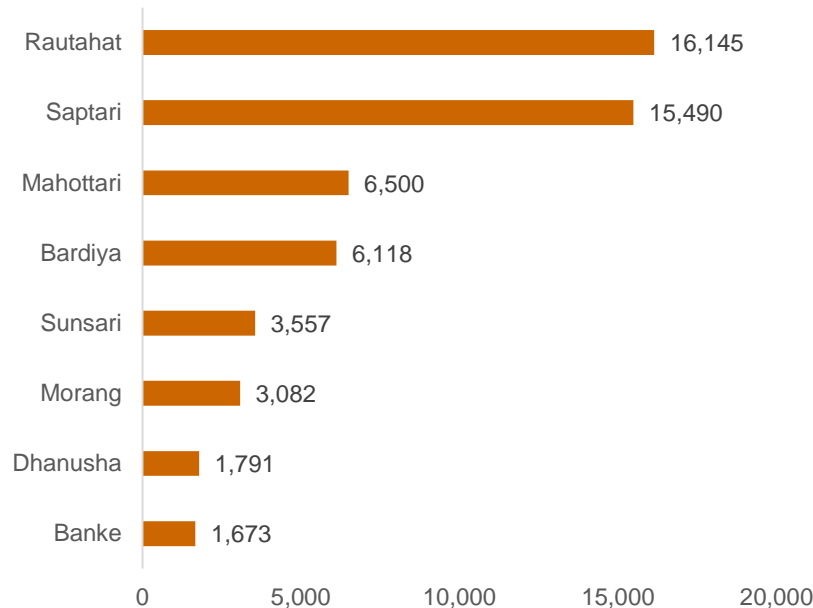




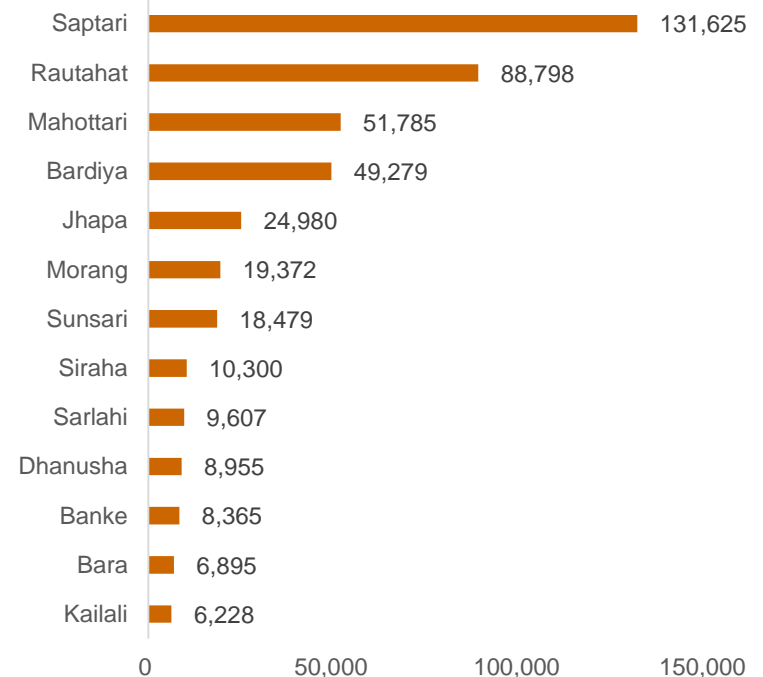
# IRA Results\_Quick Observation



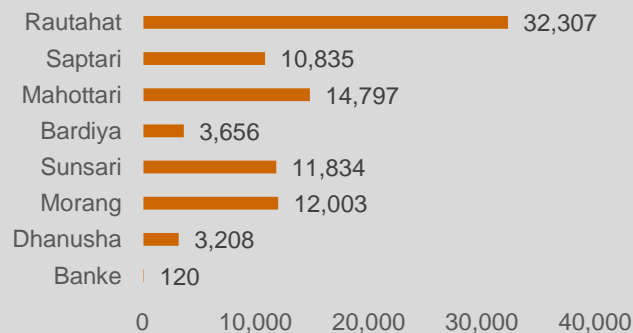
## Houses fully damaged



## Displaced population



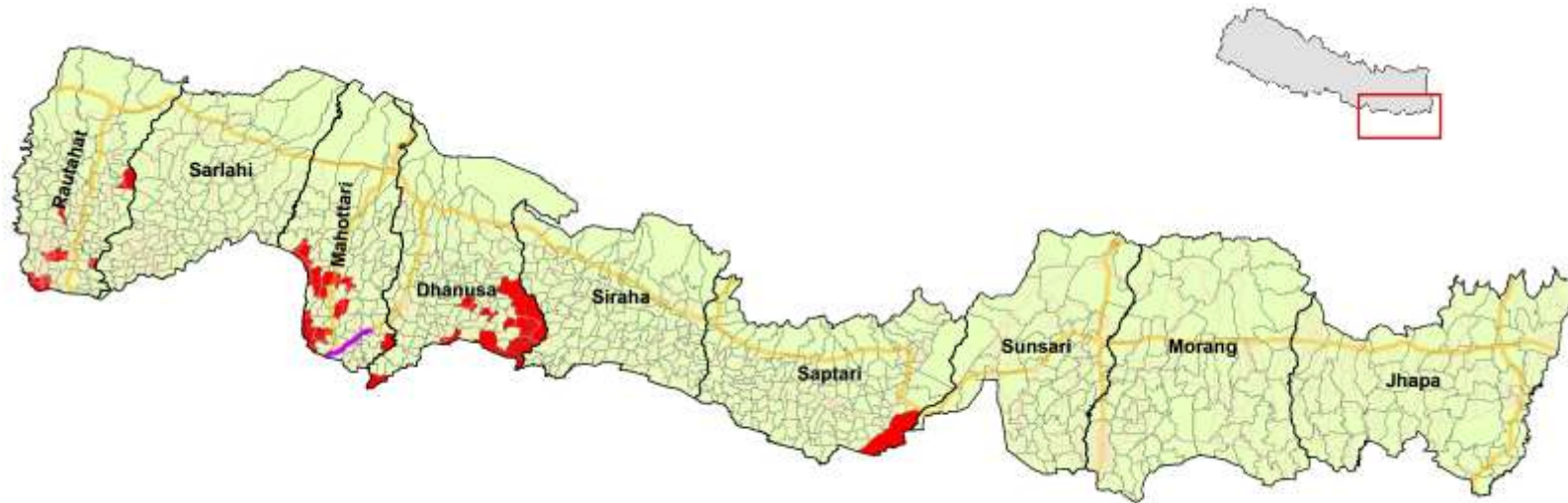
## Houses partially damaged



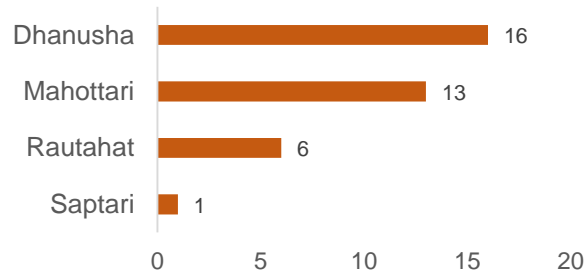
According to the IRA, around 63,000 houses were fully damaged in the Terai, out of which nearly half (31,635) were reported from the Saptari and Rautahat districts. Likewise, out of the 455,000 displaced individuals, more than 220,000 were reported from these two districts. Given the current information, it is clear that Saptari and Rautahat districts were the most directly hit and severely impacted by the flood.

Following Saptari and Rautahat, Mahottari and Bardiya were the next most affected districts by the flood.

# Inaccessible VDCs\_central and eastern belt



Inaccessible VDCs



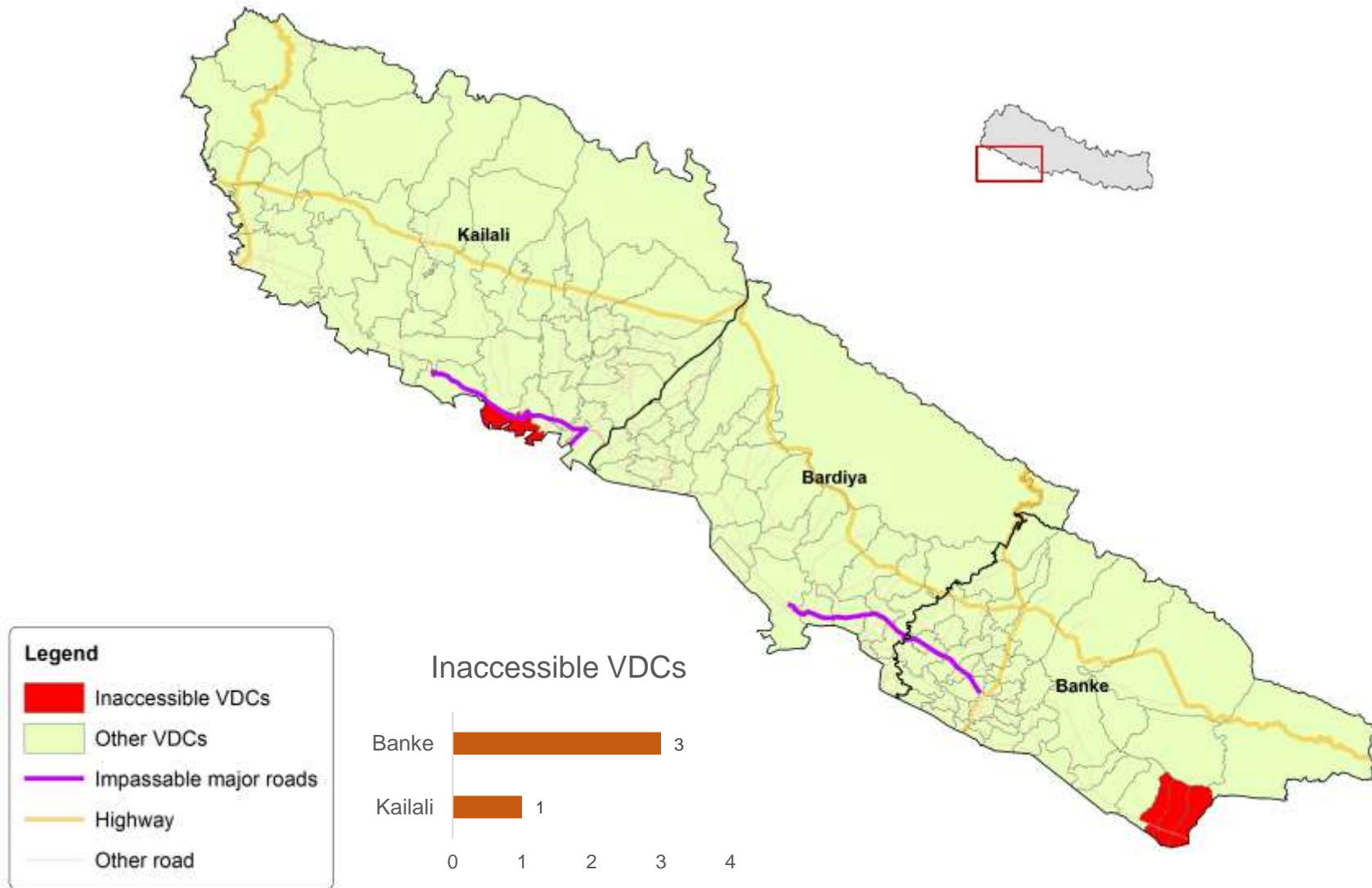
## Legend

- Inaccessible VDCs
- Other VDCs
- Impassable major roads
- Highway
- Other road

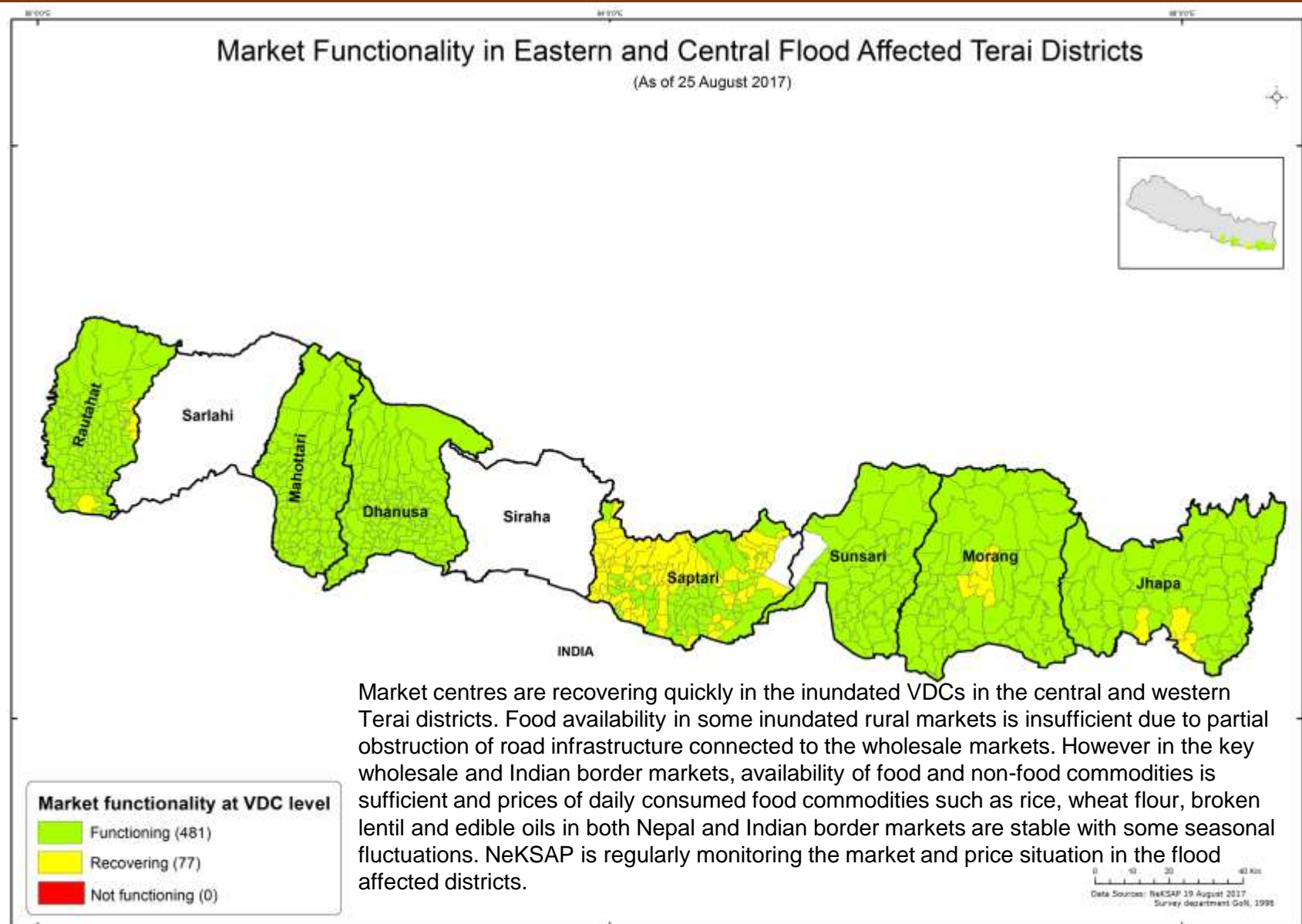
40 VDCs are still not accessible by vehicle from within Nepal in the Terai districts. 36 of the 40 inaccessible VDCs are in central Terai, and the remaining are in Banke and Kailali districts in the mid and far-west. In most of these areas, access to roads, bridges and culverts are damaged and not yet repaired. Some of the southern belt VDCs in Dhanusha and Mahottari are waterlogged and impassable by vehicle due to thick mud and flood water.



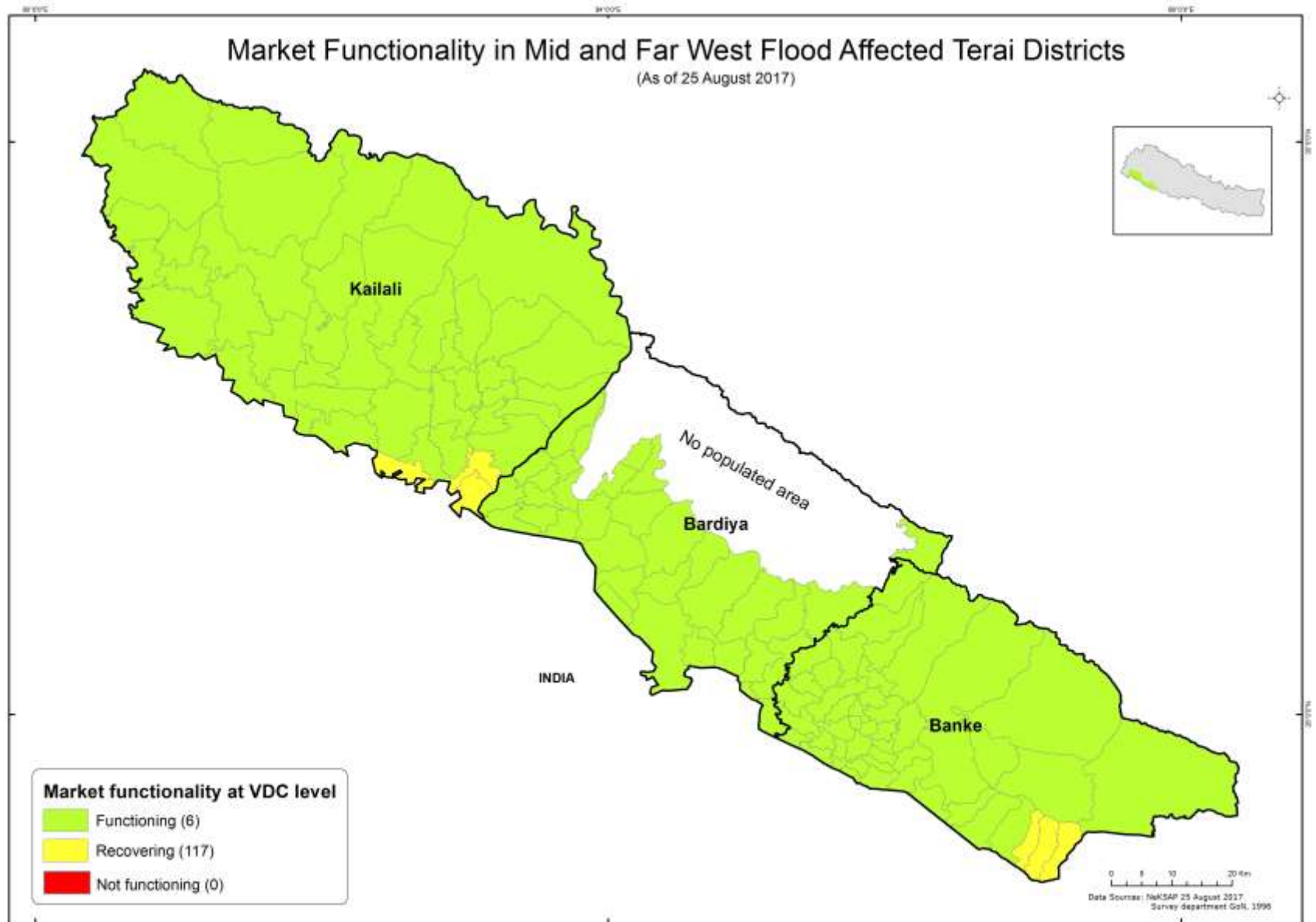
# Inaccessible VDCs\_mid and far-west



# Market function update



# Market Function update







## Estimation of food insecure populations

Satellite data of inundated surface area was overlaid with settlement data to derive an initial estimate of the affected population. This estimate was adjusted based on information received from direct field reports. Subsequently, the estimates of affected population was overlaid with ilaka level small area estimates of undernutrition (wasting) to derive a prioritization for each flood impacted VDC. As a last step, small area estimates of food poverty were used to calculate the number of food insecure people. Current estimates are based on the information available from 16 districts of Eastern, Central, Western and Mid Western Terai.

## Acknowledgements

UK aid funding from the UK government has remained critical for backstopping the capacity of Nepal Food Security Monitoring system (NeKSAP). Capacity of NeKSAP was utilized to produce this 72hour assessment. NeKSAP is operated by the Ministry of Agricultural Development (MoAD) with the strategic guidance of the National Planning Commission (NPC). WFP provides technical assistance.

ICIMOD acquired and processed satellite imagery which was used to estimate flood inundation areas across the Terai. The support of the SERVIR Hindu Kush Himalaya project is gratefully acknowledged.

Initial Rapid Assessment (IRA) results were provided by the Nepal Red Cross Society (NRCS).



नेपाल खाद्य सुरक्षा अनुगमन प्रणाली  
Nepal Khadhyo Surakshya Anugaman Pranali (NeKSAP)  
Nepal Food Security Monitoring System





## Food insecure population for the most affected districts

### Saptari

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	53	12,300	62,100	14,400	32,500	15,700
2	62	11,800	59,800	15,600	35,000	17,000
3	-	-	-	-	-	-
<b>Total</b>	<b>115</b>	<b>24,100</b>	<b>121,900</b>	<b>30,000</b>	<b>67,500</b>	<b>32,700</b>

### Siraha

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	13	1,100	5,700	3,100	7,600	3,300
2	90	10,400	52,400	25,700	63,800	28,000
3	-	-	-	-	-	-
<b>Total</b>	<b>103</b>	<b>11,500</b>	<b>58,100</b>	<b>28,800</b>	<b>71,400</b>	<b>31,300</b>

### Mahottari

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	3	800	3,900	800	1,800	900
2	64	16,700	84,700	24,800	66,000	27,100
3	5	400	2,100	2,100	4,600	2,400
<b>Total</b>	<b>72</b>	<b>17,900</b>	<b>90,700</b>	<b>27,700</b>	<b>72,400</b>	<b>30,400</b>

### Rautahat

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	46	15,000	78,200	1,4800	40,700	16,100
2	44	16,100	81,400	13,700	38,500	15,000
3	5	3,400	17,000	3,400	6,800	3,700
<b>Total</b>	<b>95</b>	<b>34,500</b>	<b>176,600</b>	<b>31,900</b>	<b>86,000</b>	<b>34,800</b>

### Banke

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	39	31,200	39,900	14,400	35,400	15,700
2	4	6,400	92,000	6,700	13,000	7,400
3	4	2,000	22,800	1,700	3,700	1,800
<b>Total</b>	<b>47</b>	<b>39,600</b>	<b>154,700</b>	<b>22,800</b>	<b>52,100</b>	<b>24,900</b>

### Bardiya

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	17	5,800	65,800	10,000	20,700	10,900
2	16	7,400	173,300	9,500	20,000	10,400
3	1	300	7,200	400	900	400
<b>Total</b>	<b>32</b>	<b>13,500</b>	<b>246,300</b>	<b>19,900</b>	<b>41,600</b>	<b>21,700</b>

### Sarlahi

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	8	2,300	11,600	3,700	9,500	4,000
2	80	10,700	54,200	27,900	74,000	30,500
3	4	200	1,000	1,300	2,600	1,300
<b>Total</b>	<b>92</b>	<b>13,200</b>	<b>66,800</b>	<b>32,900</b>	<b>86,100</b>	<b>35,800</b>

### Morang

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	-	-	-	-	-	-
2	33	7,600	38,600	15,800	35,600	17,200
3	24	3,500	17,600	27,100	50,600	29,600
<b>Total</b>	<b>57</b>	<b>11,100</b>	<b>56,200</b>	<b>42,900</b>	<b>86,200</b>	<b>46,800</b>

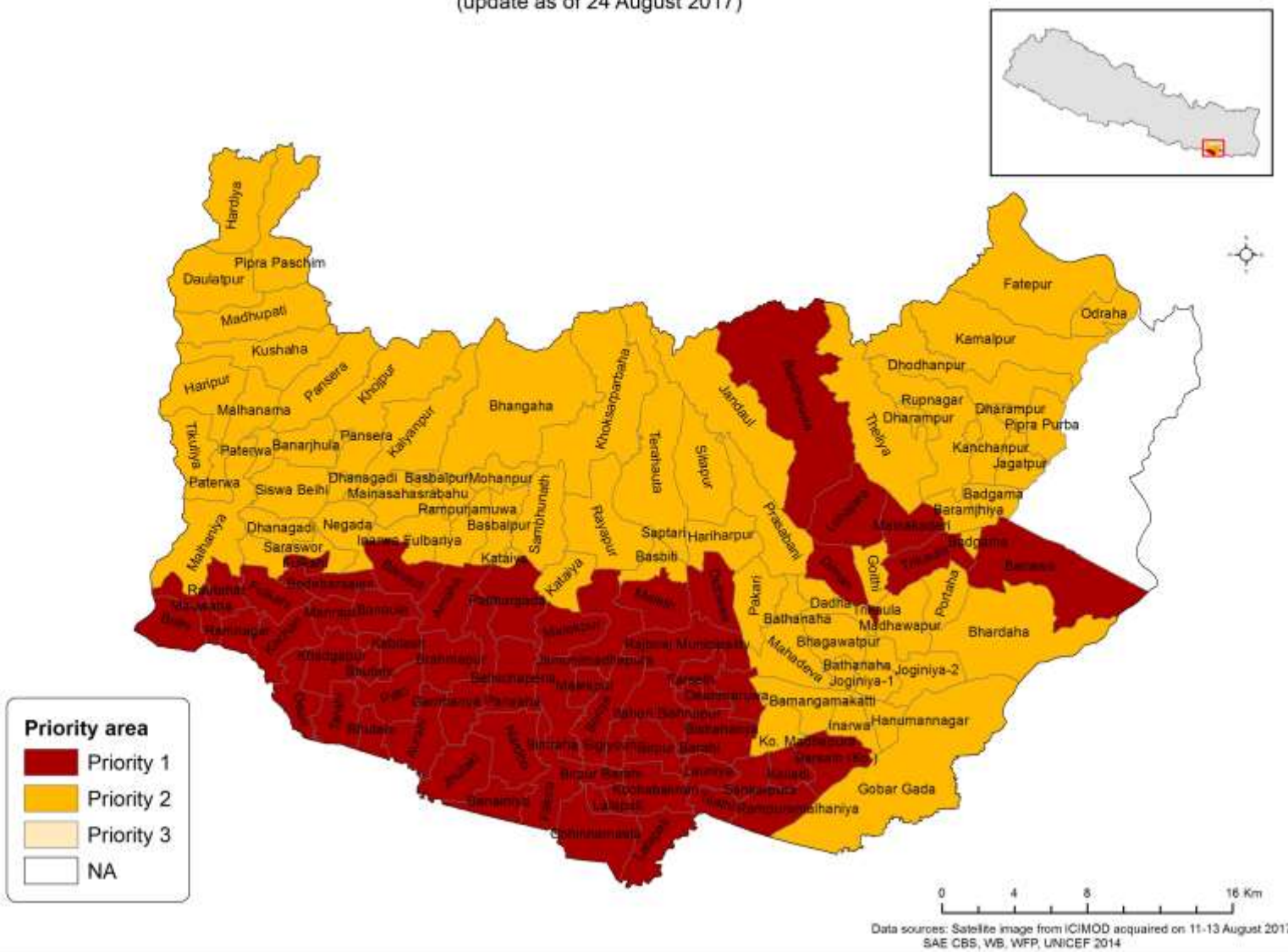
### Sunsari

Priority	VDCs	Total # of food insecure:		Total # of individuals:		
		HHs	Inds	<2 yrs	<5 yrs	PLW
1	-	-	-	-	-	-
2	35	8,000	40,200	16,900	40,900	18,500
3	12	1,600	8,200	11,500	20,700	12,600
<b>Total</b>	<b>47</b>	<b>9,600</b>	<b>48,400</b>	<b>28,400</b>	<b>61,600</b>	<b>31,100</b>



## Priority Areas Based on Flood Affected Population and Prevalence of Wasting in Saptari District

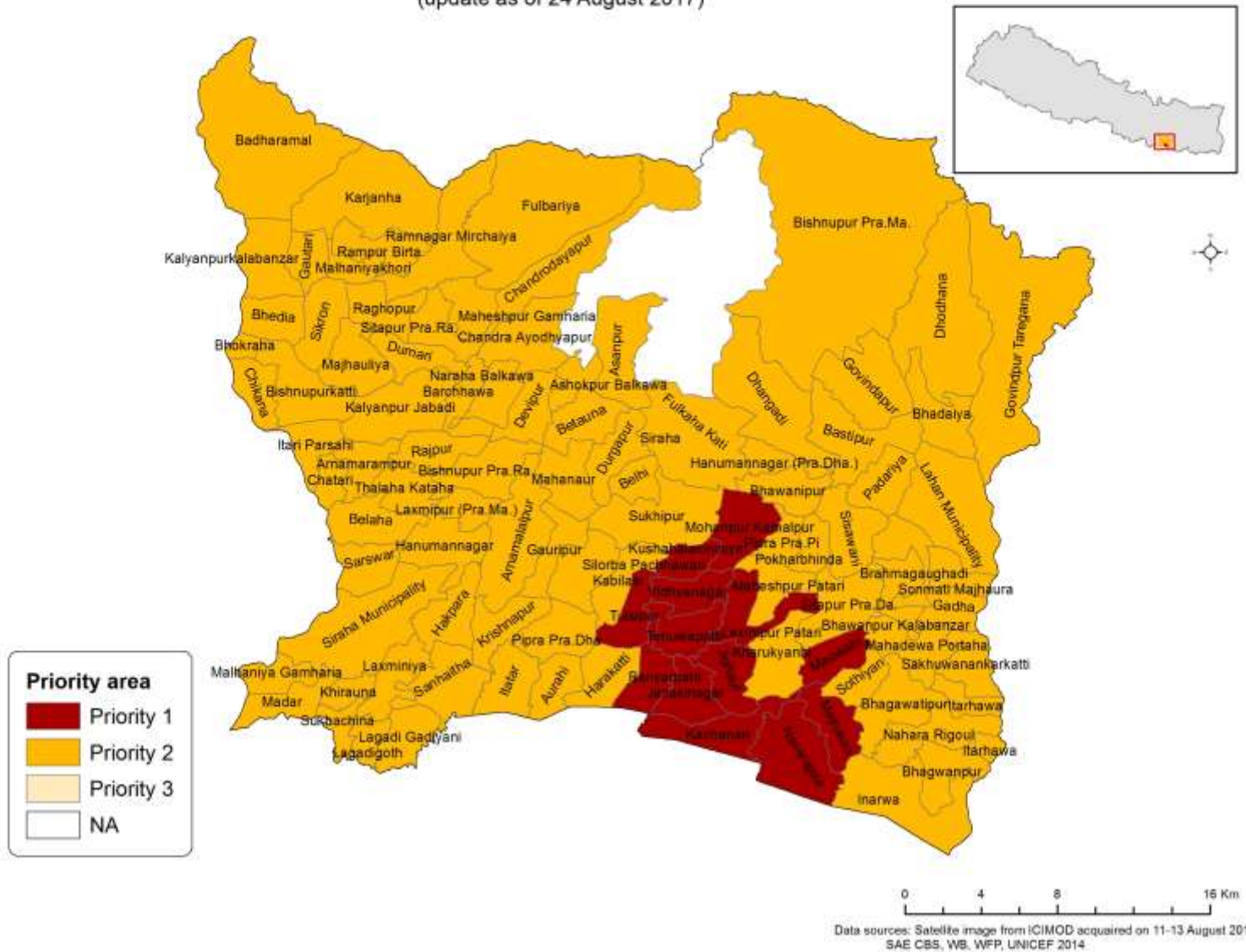
(update as of 24 August 2017)





## Priority Areas Based on Flood Affected Population and Prevalence of Wasting in Siraha District

(update as of 24 August 2017)

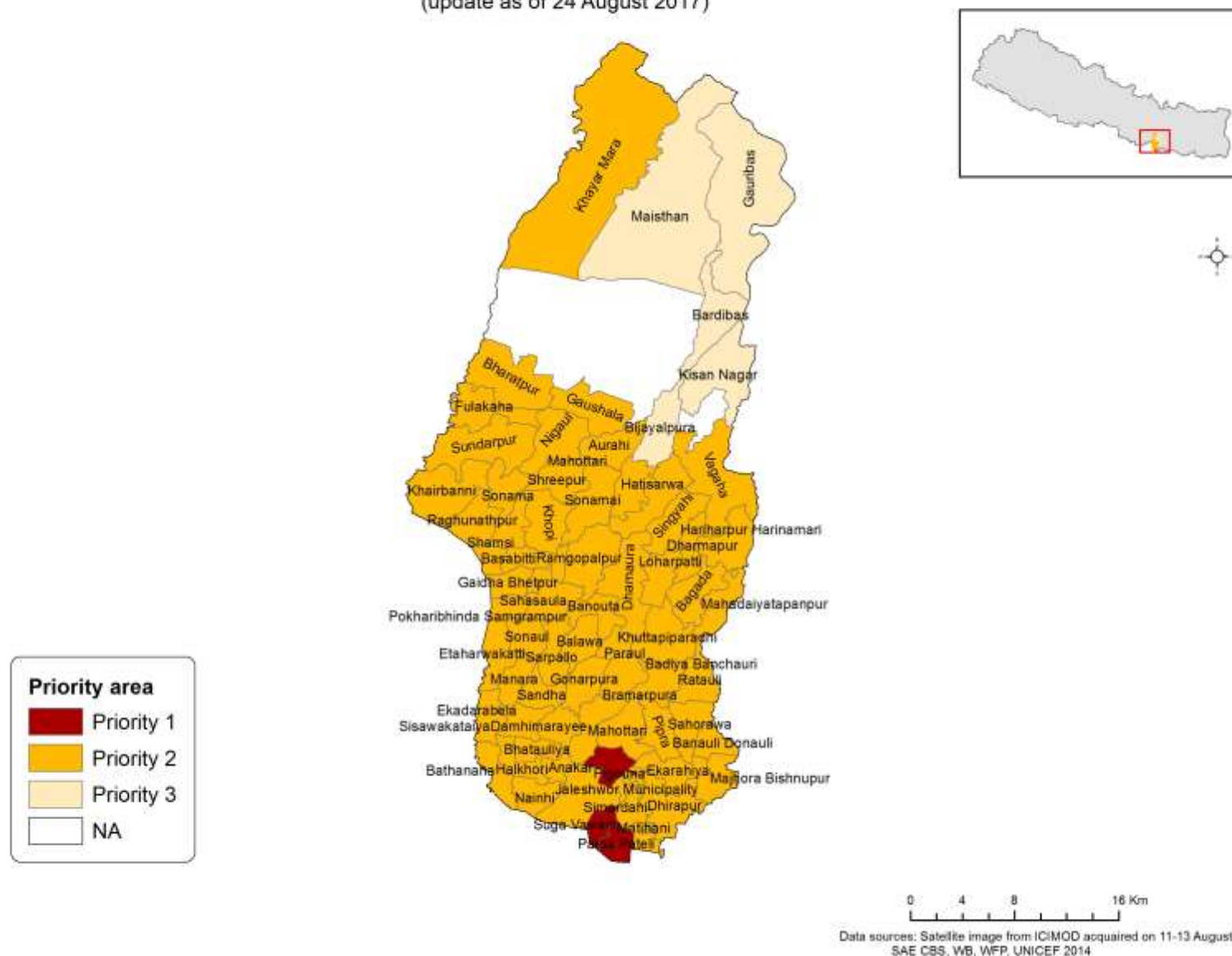






## Priority Areas Based on Flood Affected Population and Prevalence of Wasting in Mahottari District

(update as of 24 August 2017)

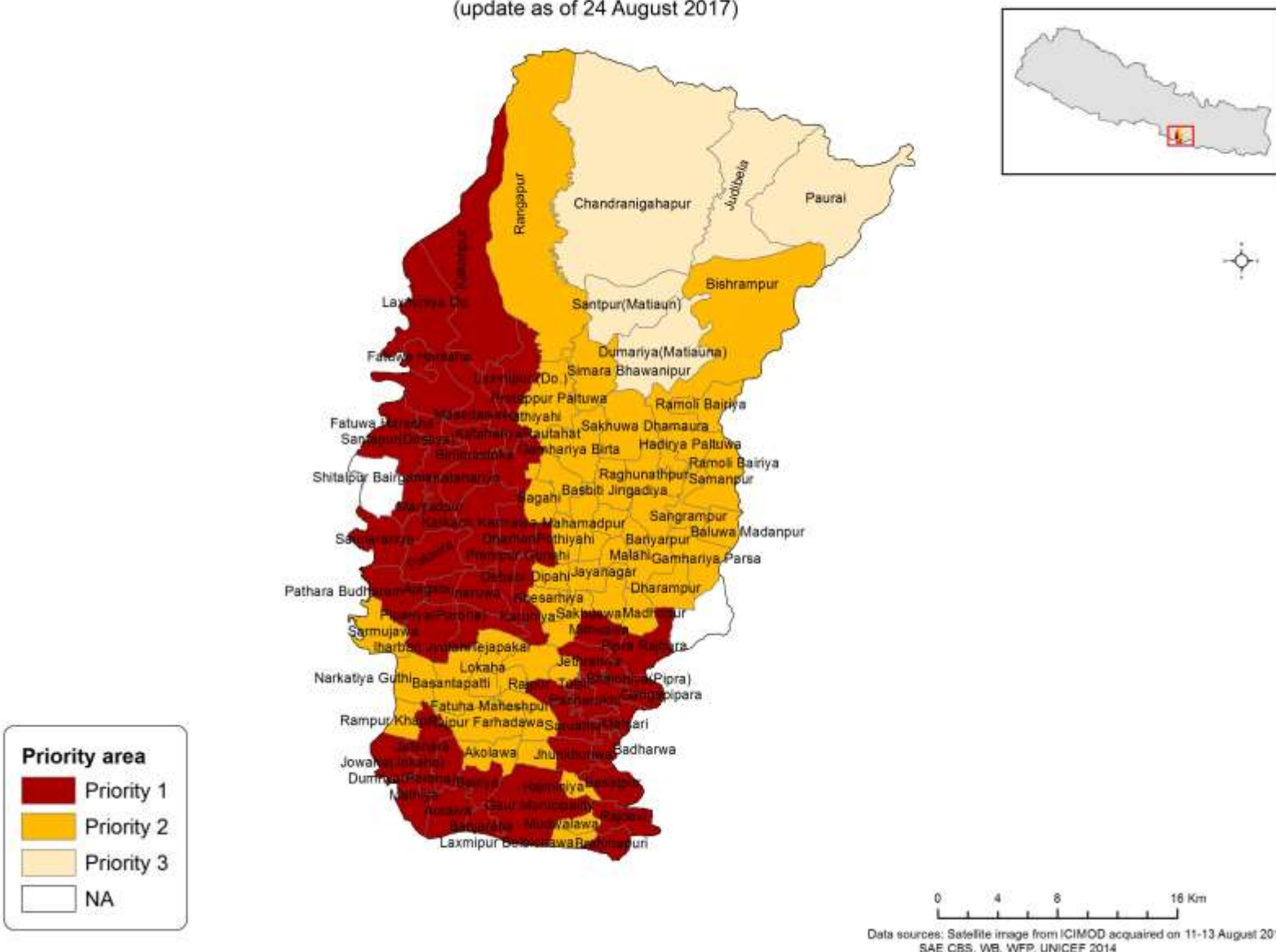






## Priority Areas Based on Flood Affected Population and Prevalence of Wasting in Rautahat District

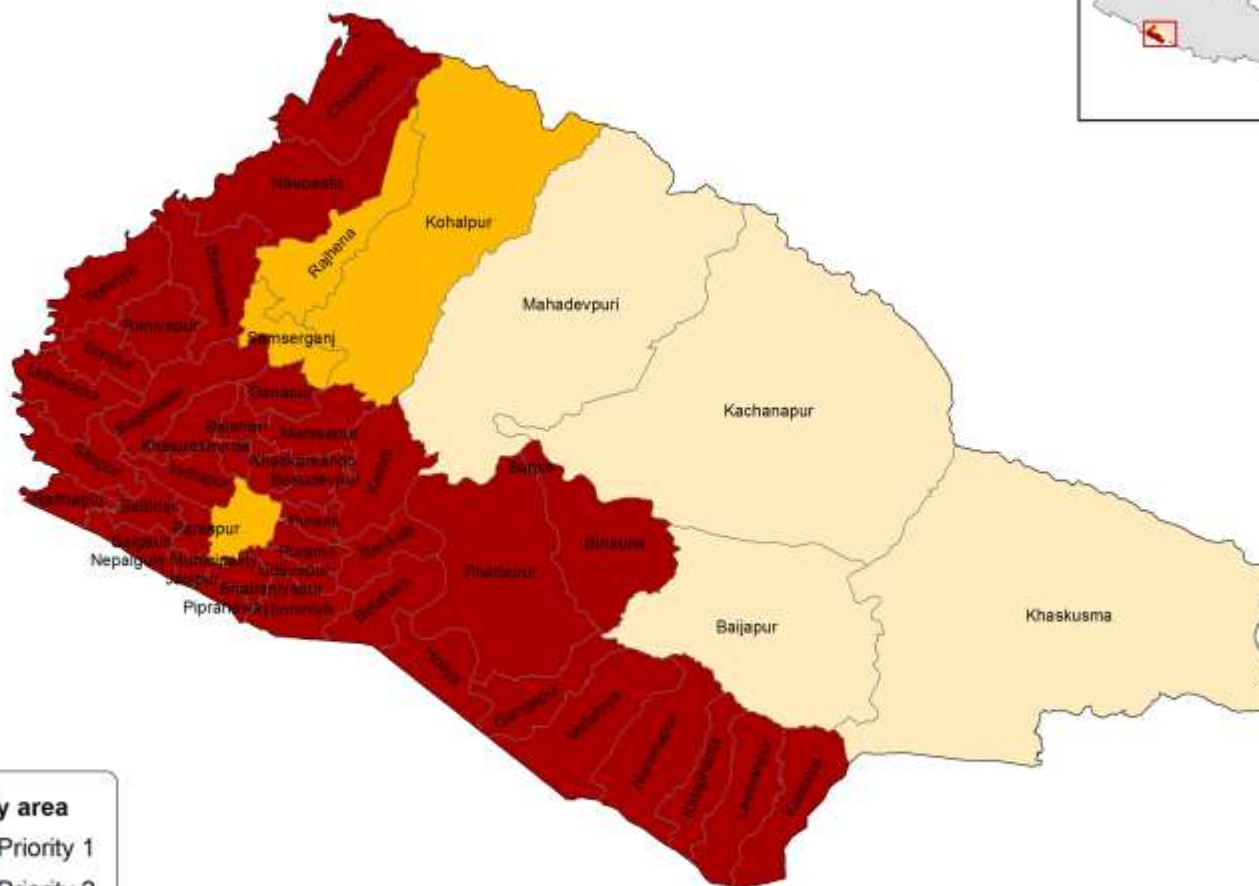
(update as of 24 August 2017)





## Priority Areas Based on Flood Affected Population and Prevalence of Wasting in Banke District

(update as of 24 August 2017)



### Priority area

- Priority 1
- Priority 2
- Priority 3
- NA

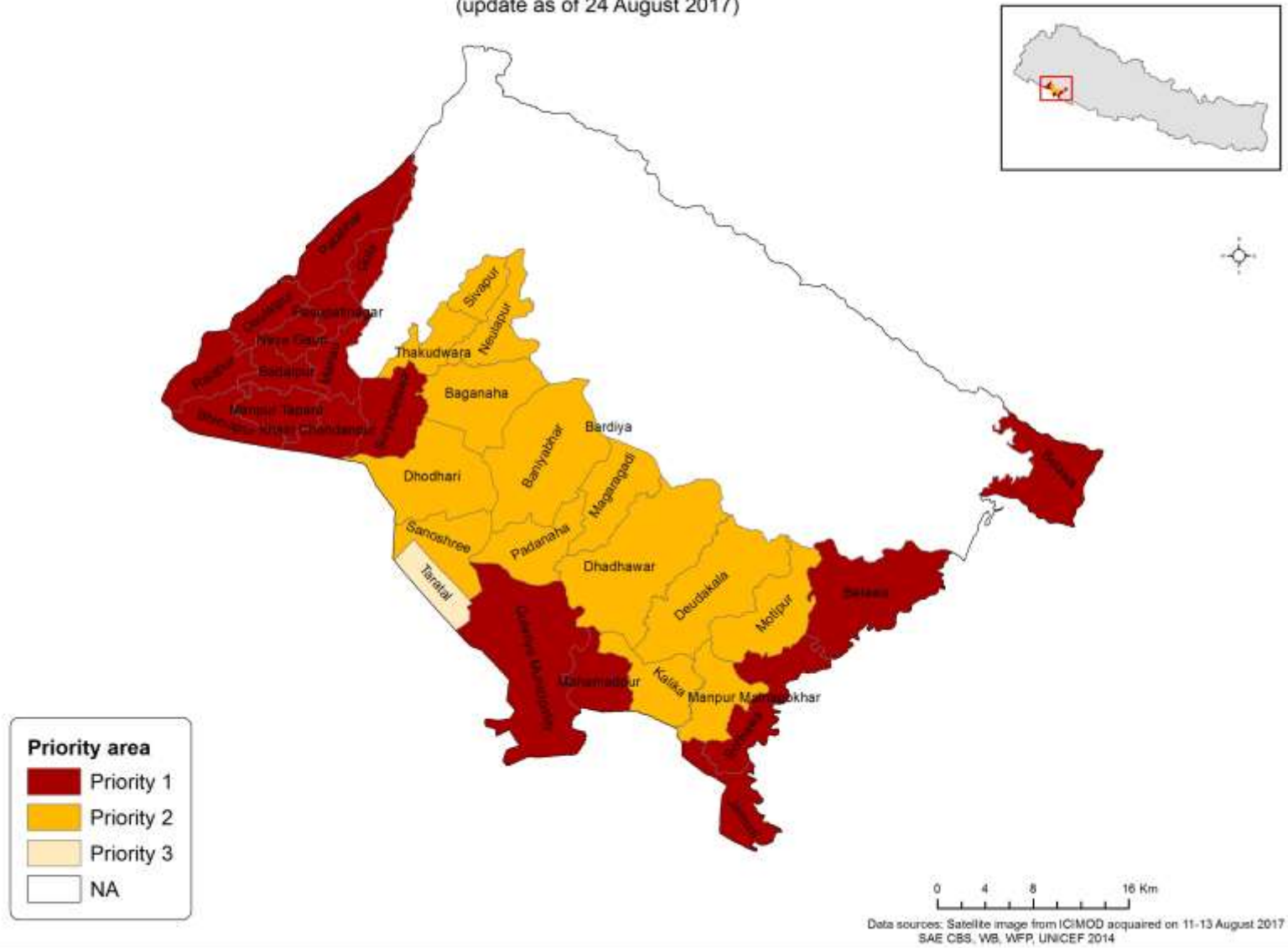
0 4 8 16 Km

Data sources: Satellite image from ICIMOD acquired on 11-13 August 2017  
SAE CBS, WB, WFP, UNICEF 2014



## Priority Areas Based on Flood Affected Population and Prevalence of Wasting in Bardiya District

(update as of 24 August 2017)



# ANNEX – 2: IRA data for Terai Districts



Nepal Red Cross Society

Flood and Landslide Response 2017

Initial Rapid Assessment Compilation

Report

Updated date: 20th August

2017

(RM: Rural Municipality, M: Municipality)

SNo.	Districts	Numbers of RM	Numbers of M	Numbers of wards	Population		Affected families				Displaced families		Damages household		Damage infrastructures						Crops planted (Bigaha/Ropani)	Cultivate d land (Bigaha/Ropani)	Cattles lost	Grocery shop damaged	Fish pond damaged	
					Deaths	Missing	Injured	HHs	Population		Total	HHs	Popn	Fully	Partially	School		Health post		Community centers						
									Male	Female						Fully	Partially	Fully	Partially	Fully						Partially
1	Chitwan	1	6	98	4	0	1	4,462	10,820	11,490	22,310	329	1,645	329	4,133	0	10	0	1	0	0	10,000	300	9	9	34
2	Dang	3	3	23	6	1	2	844	2,089	2,131	4,220	391	1,955	391	453	0	0	0	0	0	0	7,500	150	104	-	-
3	Jhapa	6	7	41	13	2	0	4,996	12,228	12,752	24,980	4,996	24,980	1,123	3,873	0	0	0	0	0	0	-	-	-	-	-
4	Sarlahi	9	11	85	7	1	0	4,328	10,195	11,445	21,640	1,923	9,607	1,923	2,405	1	0	9	0	0	0	-	-	-	-	-
5	Banke	6	2	36	6	0	0	10,473	25,705	26,732	52,437	1,673	8,365	1,673	120	0	120	0	1	0	0	4,458	4,844	500	-	-
6	Kailali	1	2	10	0	0	0	3,087	7,640	7,795	15,435	1,198	6,228	80	157	0	3	0	1	0	0	3,000	1,500	26	167	25
7	Kapilbastu	4	5	9	0	0	0	90	277	336	613	65	432	65	25	0	0	0	0	0	0	-	-	-	-	-
8	Dhanusha	6	10	105	3	4	3	13,794	34,140	34,830	68,970	1,791	8,955	1,791	12,003	2	36	1	1	0	0	27,590	95,389	1,400	-	-
9	Rautahat	14	3	87	18	2	2	48,452	131,911	134,575	266,486	16,145	88,798	16,145	32,307	12	218	0	31	0	0	19,368	-	-	-	-
10	Rupandehi	5	5	14	1	0	2	123	288	286	574	123	574	123	-	0	0	0	0	0	0	-	-	-	-	-
11	Bara	6	6	18	3	1	0	2,136	6,306	7,257	13,563	1,037	6,895	1,037	650	0	1	0	0	0	0	-	-	-	-	159
12	Morang	9	8	102	16	5	0	6,458	11,523	12,054	23,577	5,104	19,372	3,082	3,208	0	161	0	6	0	0	-	-	633	-	-
13	Siraha	2	5	65	0	0	0	11,800	28,858	29,442	58,300	2,170	10,300	2,170	9,630	0	0	0	0	0	0	-	-	-	-	-
14	Nawalparasi	5	5	27	3	0	0	1,290	3,193	3,257	6,450	399	1,995	419	901	0	43	0	0	0	0	-	-	-	-	-
15	Saptari	11	8	87	4	0	0	130,629	353,279	295,666	648,945	26,325	131,625	15,490	10,835	0	3	0	0	0	0	850	300	176	6	46
16	Mahottari	12	3	102	6	1	0	40,000	100,567	99,433	200,000	10,156	51,785	6,500	3,656	0	30	0	2	0	0	36,000	-	7	550	-
17	Bardiya	2	6	70	5	0	28	24,942	66,015	68,789	134,804	10,120	49,279	6,118	14,797	12	52	0	14	21	12	5,677	3,260	20,238	431	187
18	Sunsari	6	6	12	14	4	52	15,481	37,205	38,002	75,207	3,562	18,479	3,557	11,834	50	0	0	0	0	0	200	200	10,000	25	150
19	Parsa	9	4	13	6	0	6	8,014	19,835	20,235	40,070	2,670	13,350	1,063	6,951	0	22	0	7	0	0	-	-	70	7	40
	Total	117	105	1,004	115	21	96	331,399	862,074	816,507	1,678,581	90,177	454,619	63,079	117,938	77	699	10	64	21	12	114,643	105,943	33,163	1,195	641

## ANNEX – 3: Houses damaged



SN	Districts	Houses damaged	
		Fully	Partially
1	Rautahat	16,145	32,307
2	Saptari	15,490	10,835
3	Bardiya	6,118	14,797
4	Mahottari	6,500	3,656
5	Sunsari	3,557	11,834
6	Dhanusha	1,791	12,003
7	Morang	3,082	3,208
8	Banke	1,673	120
	<b>Total</b>	<b>54,356</b>	<b>88,760</b>