**Online Figure 1.** Map of study districts in relation to the earthquakes’ epicenters

**May 12, 2016**

**7.3 Magnitude Earthquake**

**April 25, 2015**

**7.8 Magnitude Earthquake**

**Sindhupalchowk District**

**Kathmandu**

**District**

**Gorkha**

**District**

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| **Online Table 1. S**erious symptoms in humanitarian settings (UNHCR/WHO WASSS measure) | | | | |
|  | **Overall**  **(n=513)** | **Kathmandu**  **(n=171)** | **Gorkha**  **(n=171)** | **Sindhupalchowk (n=171)** |
|  | **% (95% CI)a** | | | |
| So afraid that nothing could calm you down | 19.9 (16.3, 24.2) | 14.9 (9.8, 22.1) | 46.9 (40.8, 53.1) | 24.7 (17.9, 33.1) |
| Anger that was out of control | 33.7 (29.5, 38.2) | 27.1 (21.2, 34.0) | 45.9 (41.1, 50.8) | 51.7 (42.6, 60.7) |
| Uninterested/ not wanting to do anything | 40.1 (36.2, 44.0) | 35.3 (30.0, 41.1) | 41.1 (36.0, 46.5) | 57.0 (52.1, 61.7) |
| So hopeless that did not want to carry on living | 7.9 (6.2, 9.9) | 5.8 (3.7, 8.9) | 7.1 (4.1, 11.9) | 16.1 (12.8, 20.0) |
| Avoided activities that reminded of earthquake | 22.9 (18.0, 28.6) | 17.3 (12.2, 23.9) | 40.5 (37.1, 44.1) | 34.6 (28.9, 40.9) |
| Unable to carry out essential daily activities | 24.7 (21.3, 28.3) | 18.3 (14.0, 23.7) | 48.8 (42.7, 55.0) | 35.7 (29.1, 42.8) |
| aPercent is those who scored a 2 or above on item | | | | |

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| **Online Table 2.** Prevalence of humanitarian emergency setting perceived needs (HESPER) | | | | |
|  | **Overall**  **(n=513)** | **Kathmandu**  **(n=171)** | **Gorkha**  **(n=171)** | **Sindhupalchowk (n=171)** |
|  | **% (95% CI)** | | | |
| Shelter | 60.4 (50.3, 70.0) | 48.4 (38.0, 59.0) | 86.3 (82.4, 89.4) | 91.5 (83.4, 95.9) |
| Distress | 41.9 (35.6, 48.5) | 26.8 (21.5, 32.9) | 52.9 (47.2, 58.6) | 92.2 (87.6, 95.6) |
| Income/  livelihood | 41.1 (36.5, 45.9) | 28.1 (24.7, 31.8) | 64.1 (60.0, 68.1) | 77.3 (72.9, 81.2) |
| Water | 33.6 (26.4, 41.6) | 25.1 (14.6, 39.6) | 28.3 (19.6, 39.0) | 67.7 (63.8, 71.4) |
| Toilets | 31.6 (26.1, 37.5) | 22.4 (17.3, 28.6) | 49.2 (43.1, 55.4) | 56.3 (50.4, 62.0) |
| Keeping clean | 23.9 (20.0, 29.0) | 12.8 (9.6, 16.7) | 32.2 (24.2, 41.4) | 61.3 (53.9, 68.2) |
| Food | 23.2 (19.4, 27.5) | 16.9 (13.3, 21.2) | 40.1 (35.0, 45.4) | 37.9 (30.6, 45.7) |
| Too much free time | 22.3 (18.9, 26.1) | 17.3 (12.9, 22.9) | 10.5 (8.0, 13.7) | 59.8 (54.9, 64.6) |
| Moving between places | 22.2 (16.5, 29.1) | 12.7 (7.5, 20.7) | 39.4 (34.5, 44.4) | 48.5 (33.7, 63.5) |
| Alcohol/drug use in community | 21.3 (18.6, 24.2) | 11.3 (7.9, 15.7) | 30.6 (25.8, 35.8) | 54.2 (42.5, 65.4) |
| Mental illness in community | 19.2 (15.8, 23.3) | 2.5 (1.2, 5.3) | 39.1 (34.3, 44.2) | 74.0 (60.0, 84.7) |
| Law and justice | 15.9 (12.3, 20.3) | 9.9 (5.6, 17.0) | 30.7 (23.0, 39.7) | 33.5 (24.1, 44.3) |
| Way aid is provided | 15.4 (11.6, 20.2) | 14.4 (9.3, 21.4) | 13.1 (8.1, 20.6) | 20.5 (15.4, 26.8) |
| Information | 15.3 (12.1, 19.2) | 13.2 (9.3, 18.5) | 14.6 (8.4, 24.4) | 23.0 (16.2, 31.6) |
| Clothes, bedding | 14.7 (12.5, 17.2) | 8.3 (5.7, 11.9) | 22.8 (14.1, 34.7) | 34.3 (30.0, 38.8) |
| Respect | 12.2 (9.0, 16.6) | 7.9 (4.2, 14.7) | 18.6 (11.4, 28.7) | 25.2 (15.4, 38.4) |
| Care for family | 12.0 (10.3, 14.1) | 5.8 (4.6, 7.2) | 17.3 (12.6, 23.2) | 33.1 (27.9, 38.8) |
| Safety | 11.4 (8.1, 15.8) | 8.9 (4.7, 16.0) | 27.6 (20.0, 36.7) | 12.3 (6.7, 21.5) |
| Separation from familya | 10.9 | 7.8 | 10.4 | 50.0 |
| Physical health | 10.8 (8.8, 13.2) | 7.6 (5.0, 11.3) | 27.0 (24.1, 30.1) | 14.2 (9.1, 21.6) |
| Support from others | 10.5 (7.8, 13.9) | 9.9 (6.8, 14.0) | 12.2 (7.1, 20.0) | 11.9 (6.1, 22.0) |
| Safety for women | 9.6 (7.4, 12.4) | 3.5 (1.8, 6.7) | 21.1 (14.4, 30.0) | 26.7 (20.4, 34.0) |
| Care for people who are on their own | 8.2 (5.7, 11.6) | 2.1 (0.1, 5.2) | 14.3 (10.1, 19.8) | 28.6 (16.8, 44.2) |
| Education for children | 7.5 (5.2, 10.8) | 5.6 (3.1, 10.0) | 20.1 (14.7, 26.8) | 8.2 (5.3, 12.5) |
| Healthcare | 6.1 (4.8, 7.8) | 4.1 (2.5, 6.6) | 13.5 (9.3, 19.0) | 9.9 (6.0, 15.9) |
| Displacementa | 2.8 | 2.6 | 0.1 | 13.7 |
| Mean number of needs (95% CI) | 4.90 (4.46, 5.35) | 3.27 (2.79, 3.76) | 7.25 (6.32, 8.18) | 9.73 (8.76, 10.71) |
| aStandard errors not calculated because of stratum with single sampling unit | | | | |

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| **Online Table 3.** Functional impairment | | | | |
| **Item** | **Overall**  **(n=513)** | **Kathmandu**  **(n=171)** | **Gorkha**  **(n=171)** | **Sindhupalchowk (n=171)** |
|  | **% (95% CI)** | | | |
| Personal hygiene | 11.7 (10.0, 13.5) | 10.9 (8.7, 13.5) | 7.6 (5.0, 11.3) | 16.9 (13.8, 20.5) |
| Taking meal/tea | 5.6 (4.1, 7.7) | 5.5 (3.6, 8.2) | 3.6 (1.8, 7.0) | 7.2 (4.1, 12.4) |
| Income generating activities | 14.1 (11.1, 17.7) | 9.8 (6.1, 15.4) | 8.9 (6.1, 12.7) | 32.7 (26.7, 39.4) |
| Look after livestock/work in fields | 13.2 (9.7, 17.7) | 11.4 (7.2, 17.5) | 9.3 (6.2, 13.8) | 21.9 (18.1, 26.3) |
| Household/ domestic work | 11.8 (9.2, 15.2) | 12.4 (9.0, 16.8) | 5.9 (3.4, 10.1) | 13.1 (8.6, 19.4) |
| Taking care of family members/ children | 7.6 (4.9, 11.5) | 7.8 (4.4, 13.4) | 5.0 (3.4, 7.3) | 7.8 (3.9, 15.0) |
| Helping neighbor/ community members | 3.0 (2.0, 4.5) | 0.7 (0.2, 2.6) | 2.3 (1.2, 4.6) | 12.2 (7.3, 19.8) |
| Attending community meetings | 4.8 (3.3, 7.0) | 1.4 (0.5, 3.5) | 2.3 (1.2, 4.6) | 19.0 (12.9, 27.0) |
| Attend cultural/ religious programs | 1.7 (0.1, 3.0) | 1.3 (0.5, 3.4) | 1.3 (0.5, 3.0) | 3.3 (1.7, 6.2) |
| Total functioning score, mean (SD) | 2.83 (2.62, 3.04) | 2.31 (2.08, 2.54) | 2.14 (1.70, 2.57) | 5.12 (4.32, 5.91) |
| aPercent is those who responded they had difficulty with the activity most of the time or always in the past two weeks | | | | |