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| Primary Health Centre (PHC) | One-way walking time to/from nearest PHC |
| Functional | 0 - 15 minutes |
| Under construction (planned opening date) | 16 - 30 minutes |
| Roads and Paths | 31 - 45 minutes |
| Shelter Footprints | 46 - 60 minutes |
| Camp Boundary | 61 + minutes |

Walking time threshold polygons were generated with the Network Analyst tool in ArcGIS software, using road and path network data from OpenStreetMaps and facility location data from the Health Sector. Each path segment was assigned a walking time cost based on field observations. To account for rugged terrain, additional weighting was then added to the road segments using slope values obtained from the Digital Elevation Model of Kutupalong (source: NPM). This resulted in the calculation of a coefficient with increasing effect on cost. The base cost value is multiplied by the slope coefficient to obtain the seconds per metre cost value for each path segment, in turn multiplied by the total segment length to obtain the overall time cost.

Using Network Analyst, a service network for facility point data was generated using the time cost within the path network. Time intervals were chosen, and isochron polygons generated using the 'Generalized' setting, with polygons merged by break value.

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates, donors mentioned.