Human\_data.csv

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Description** | **Categories** |
| HomesteadID | Homestead ID |  |
| HumanID | Individual ID |  |
| Age | Age group | 5 to 910 to 1415 to 1920 to 2425 to 2930 to 3435 to 3940 to 4445 to 4950 to 5455 to 5960 to 6465 to 6970 to 7475 to 7980 to 8485+ |
| Sex | Gender | MaleFemale |
| H\_Qfever | Result of Q Fever ELISA | 0 = negative1 = positiveNA = not tested |
| EthnicGroup | Ethnic group | JapadholaKalenjinKikuyuKisiiKuriaLuhyaLuoMugandaPokotSaboatSamiaTesoTurkanaUgandan |
| Religion | Religion | BaptistMuslimPentacostalProtestantRoman CatholicOther ChristianTribal religionOtherNone |
| Education | Level of education attained | No formal educationPre-schoolPrimarySecondaryCollegeTertiaryVocational/technical schoolUniversity |
| Occupation | Primary occupation | FarmingFishingParent/houseworkStudentTraderTradespersonNoneOther |
| Grazing | Frequency involved in grazing livestock | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Feeding\_livestock | Frequency involved in feeding livestock | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Milking\_cattle | Frequency involved in milking cattle | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Animal\_births | Frequency involved in animal births | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Animal\_abortus | Frequency involved in handling animal abortus | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Animal\_slaughter | Frequency involved in animal slaughter | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Animal\_manure | Frequency involved in dealing with animal manure | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Animal\_skinning | Frequency involved in animal skinning | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Animal\_burying | Frequency involved in burying dead animals | At least once a monthAt least once a yearAt least once per weekDailyNANoUsed to but not any more |
| Livestock\_in\_buildings | Animals present in building used for sleeping | YesNo |
| Cow\_milk | Drink cow’s milk | YesNo |
| Goat\_milk | Drink goat’s milk | YesNo |
| Cattle | Keep cattle | YesNo |
| Sheep | Keep sheep | YesNo |
| Goats | Keep goats | YesNo |
| Abortion\_herd | History of abortion in herd | YesNoNo livestockNA |
| CattleQfever | Ownership of at least one seropositive cow | YesNoNA |
| WaterDist | Distance to water |  |
| FloodDist | Distance to flooding land |  |
| CropGrass | % land agricultural and grassland |  |
| Flooding | % land flooding |  |
| FloodingCropGrass | % land flooding agricultural and grassland |  |
| Swamp | % land swamp |  |
| TreeShrub | % land woodland and shrubs |  |
| Vegetated | % land vegetated |  |
| Waterbody | % land water body |  |
| TMean1 | Mean temperature (°C x 10) |  |
| Precipitation1 | Annual precipitation (mm) |  |
| Elevation2 | Elevation (m) |  |
| PopDens3 | Population density (persons per hectare) |  |

Cattle\_data.csv

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Description** | **Categories** |
| HomesteadID | Homestead ID |  |
| CattleID | Individual (cow) ID |  |
| C\_Qfever | Result of Q Fever ELISA | 0 = negative1 = positive |
| HumanN | Number of human inhabitants |  |
| count\_cattle | Number of cattle |  |
| Sheep | Sheep ownership | NoYes |
| Goats | Goat ownership | NoYes |
| Abortion\_herd | History of abortion in herd | YesNo |
| Cattle\_herded\_shoats | Cattle herded with sheep and goats | YesNo |
| Cattle\_feed\_dry | Herding practice (dry season) | Free (communal) grazingHerded as single herdHerded with other herdsTetheredZero grazing |
| Cattle\_feed\_wet | Herding practice (wet season) | Free (communal) grazingHerded as single herdHerded with other herdsTetheredZero grazing |
| Breed | Breed | GradeLocal x gradeZebuShorthorn-ZebuShorthorn |
| Origin | Origin of animal | Bred on homestead From a marketFrom another homestead in this villageFrom another homestead outside this villageOther |
| Sex | Gender | FemaleMale |
| Calved | Previously calved | YesNoNA (male)Unknown |
| Milk | Provides milk for household | YesNoUnknownNA (male) |
| Abortion | History of abortion | YesNoUnknownNA (male) |
| Hqfever | At least one seropositive human in household | 0 (no)1 (yes)NA |
| WaterDist | Distance to water |  |
| FloodDist | Distance to flooding land |  |
| CropGrass | % land agricultural and grassland |  |
| Flooding | % land flooding |  |
| FloodingCropGrass | % land flooding agricultural and grassland |  |
| Swamp | % land swamp |  |
| TreeShrub | % land woodland and shrubs |  |
| Vegetated | % land vegetated |  |
| Waterbody | % land water body |  |
| TMean1 | Mean temperature (°C x 10) |  |
| Precipitation1 | Annual precipitation (mm) |  |
| Elevation2 | Elevation (m) |  |
| PopDens3 | Population density (persons per hectare) |  |

1. Hijmans RJ, Cameron SE, Parra JL, Jones PG, Jarvis A. Very high resolution interpolated climate surfaces for global land areas. International Journal of Climatology. 2005;25:1965-78.
2. Jarvis A, Reuter HI, Nelson A, Guevara E. Hole-filled seamless SRTM data V4. available from <http://srtm.csi.cgiar.org:> International Centre for Tropical Agriculture (CIAT); 2008.
3. Worldpop alpha version 2010 estimates of numbers of people per grid square. <http://www.worldpop.org.uk/data/summary/?contselect=Africa&countselect=Kenya&typeselect=Population2010>