Criteria Description

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Full name | Unit | Min/max | weight Importance | Explanation |
| T. Test/P | Total test /population | none | High | M | Total test performed/population |
| Testing Lab | - | none | High | L | Total counts of laboratories |
| Testing LAB/P |  | none | High | M |  |
| Lockdown |  | none | High | M |  |
| ICU beds | Intensive care units | none | High | M | Total number of intensive care unit beds |
| ICU/P | Intensive care units/ population | none | High | H | Total number of intensive care unit beds/population |
| ICU Beds/TC |  | none | High | VH |  |
| Ventilators | - | none | High | M | Total number of ventilators |
| Vent/P | Ventilators/  population | none | High | H | Total number of ventilators/population |
| Vent/TC | Ventilators/  Total cases | none | High | VH |  |
| Total cases | - | none | Low | H | Total cases from covid19 |
| T.Cases/P | Total cases/ population | none | Low | VH | Total cases from covid19/population |
| Active cases | - | none | Low | H | Total active cases from covid19 |
| Active/Total cases | - | none | Low | VH | Total active cases from covid19/population |
| Deaths | - | none | Low | H | Total deaths from covid19 |
| T. Deaths/TC | Total deaths/total cases | none | Low | VH | Total deaths from covid19/population |
| Recovered | - | none | High | H | Total recoveries from covid19 |
| T.Recovered/TC | Total recovered /total cases | none | High | VH | Total recoveries from covid19/population |
| HSY | Hospital system | score | High | VH | Cumulative GHS index score for countries health systems |
| H. Beds/1k | Hospita Beds/ 1000 population | none | High | H | Normal hospital beds for every 1k population |
| Doctors/1k | Doctors/ 1000 population | none | High | VH | Doctors are at the frontline of the fight against covid19 |
| Biomed Eng/1k | Biomedical engineers/ 1000 population | none | High | VH | Biomedical/clinical engineers play critical role in engineering, technological, & point of care aspect of fighting covid19 |
| Nursing/1k | Nurses/ 1000 population | none | High | VH | Nurses are very important indicators for the fight against covid19 |
|  |  |  |  |  |  |
| infected workers | Infected health workers | none | Low | VH | Total infections of health workers due to covid19. |
| dead workers | Dead health workers | none | Low | VH | Total deaths of health workers due to covid19. |
| health workers infection rate % | - | % | Low | VH | The rate of infection among health workers due to covid19. |
| health workers Mortality rate % | - | % | Low | VH | The rate of deaths among health workers due to covid19. |
| Emergency fund ($bn) | Emergency fund for covid19 | $ | High | L | Emergency funds dedicated to fighting and tackling covid19 |
| Dependence | - | none | Low | M | Productivity of countries in production of vital medical and healthcare products |
| Innovations | Covid19 related innovations | Ranking | High | H | The ranking of countries according to covid19 related innovations to tackle the virus and ease lives |
| Vaccine | Vaccine preparation | none | High | L | The dependency on vaccine production |
| Vaccine doses |  |  | High | M |  |
| Vaccine doses/P |  |  | High | H |  |
| Transparency | Data accuracy and transparency | none | High | VH | This is the transparencies of countries in providing vital covid19 information and data |
| Hosp. Bed/TC |  |  | High | VH |  |
| Health insurnce |  |  | High | L |  |
| Emergency fund/P |  |  | High | M |  |
| Emergency fund/TC |  |  | High | H |  |
|  |  |  |  |  |  |