

List of variables used in the AsiaFluCap Simulator)

VARIABLES	Clarification
NPPBED	Needed hospital beds at pandemic peak
GSPBED	Gap/surplus hospital beds at pandemic peak
NPPDOCTOR	Needed medical doctors/physicians at pandemic peak
GSPDOCTOR	Gap/surplus medical doctors/physicians at pandemic peak
NPPNURSE	Needed nurses at pandemic peak
GSPNURSE	Gap/surplus nurses at pandemic peak
NTPOSELTAM	Needed oseltamivir over total pandemic
GSTOSELTAM	Gap/surplus oseltamivir over total pandemic
NPPVENTI	Needed ventilators at pandemic peak
GSPVENTI	Gap/surplus ventilator at pandemic peak
NPPGENERAL	Needed General practitioners/Primary Care Physicians at pandemic peak
GSPGENERAL	Gap/surplus General Practitioners/Primary Care Physicians at pandemic peak
NPPINTERNA	Needed Internal medicine specialist or infectious disease specialists at pandemic peak
GSPINTERNA	Gap/surplus Internal medicine specialist or infectious disease specialists at pandemic peak
NPPSURGEON	Needed Other doctors (e.g. surgeons, pediatricians, obstetricians, etc.) at pandemic peak
GSPSURGEON	Gap/surplus Other doctors (e.g. surgeons, pediatricians, obstetricians, etc.) at pandemic peak
NPPPHARMA	Needed Pharmacist at pandemic peak
GSPPHARMA	Gap/surplus Pharmacist at pandemic peak
NPPLABTECH	Needed Laboratory technicians at pandemic peak
GSPLABTECH	Gap/surplus Laboratory technicians at pandemic peak
NPPPUBHEAL	Needed Public health personnel at pandemic peak
GSPPUBHEAL	Gap/surplus Public health personnel at pandemic peak
NPPVOLUNTE	Needed Volunteer/community health workers at pandemic peak
GSPVOLUNTE	Gap/surplus Volunteer/community health workers at pandemic peak
NPPADMINIS	Needed Administrative staff at pandemic peak
GSPADMINIS	Gap/surplus Administrative staff at pandemic peak
NPPICU	Needed ICU beds at pandemic peak
GSPPICU	Gap/surplus at pandemic peak
NPPAMBULAN	Needed Ambulances at pandemic peak
GSPAMBULAN	Gap/surplus Ambulance at pandemic peak
NPPOTERVE	Needed Other transport Vehicles at pandemic peak
GSPOTERVE	Gap/surplus Other Transport Vehicles at pandemic peak
NPPX_RAY	Needed X-ray/radiographic machines at pandemic peak
GSPX_RAY	Gap/surplus X-ray/radiographic machines at pandemic peak
NTPN_95	Needed masks N95/N-99 over total pandemic
GSTN_95	Gap/surplus N95-N-99 over total pandemic
NTPSURMASK	Needed surgical masks over total pandemic
GSTSURGICA	Gap/surplus surgical masks over total pandemic
NTPFACESHI	Needed face shields over total pandemic

GSTFACESHI	Gap/surplus face shields over total pandemic
NTPSURGLOV	Needed surgical gloves over total pandemic
GSTSURGLOV	Gap/surplus surgical gloves over total pandemic
NTPSURGOWN	Needed surgical coverall gowns over total pandemic
GSTSURGOWN	Gap/surplus surgical coverall gowns over total pandemic
NTPAV_TREA	Needed Antiviral treatment over total pandemic (for now, the same output as NTPOSELTAMI)
GSTAV_TREA	Gap/Surplus Antiviral treatment over total pandemic (for now, the same output as GSTOSELTAMI)
NTPAMOXIC	Needed Amoxicillin (gram) over total pandemic
GSTAMOXIC	Gap/surplus Amoxicillin (gram) over total pandemic
NTPCO_TRIM	Needed cotrimoxazole (gram) over total pandemic
GTSCO_TRIM	Gap/surplus cotrimoxazole (gram) over total pandemic
NTPIV_FLUI	Needed IV fluids (0.9% Normal Saline Solution (liters) over total pandemic
GTSIV_FLUI	Gap/surplus IV fluids (0.9% Normal Saline Solution (liters) over total pandemic
NTPBODYBAG	Needed body bags over total pandemic
GTSBODYBAG	Gap/surplus body bags over total pandemic
NTPPA_VACC	Needed pandemic vaccin over total pandemic
GTSPA_VACC	Gap/surplus pandemic vaccin over total pandemic
TOT_DEATH	Total number of deaths over total pandemic
TOT_HOSPCA	Total number of hospitalised cases over total pandemic
TOT_CRITIC	Total number of critical cases at home over total pandemic
PEAK_HOSPC	Number of hospitalised cases at pandemic peak
PEAK_CRITI	Number of critical cases at home at pandemic peak
PEAK_MILDC	Number of mild cases at pandemic peak
PEAK_VENTI	Number of ventilated cases at pandemic peak