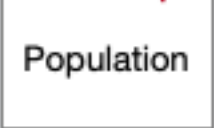


number of compartments



Gen pop

180

Baseline

180

Screened

Age
20-24

Age
25-29

Age
30-34

Age
35-44

Age
45-54

Age
55-64

Age
65-74

Age
75-84

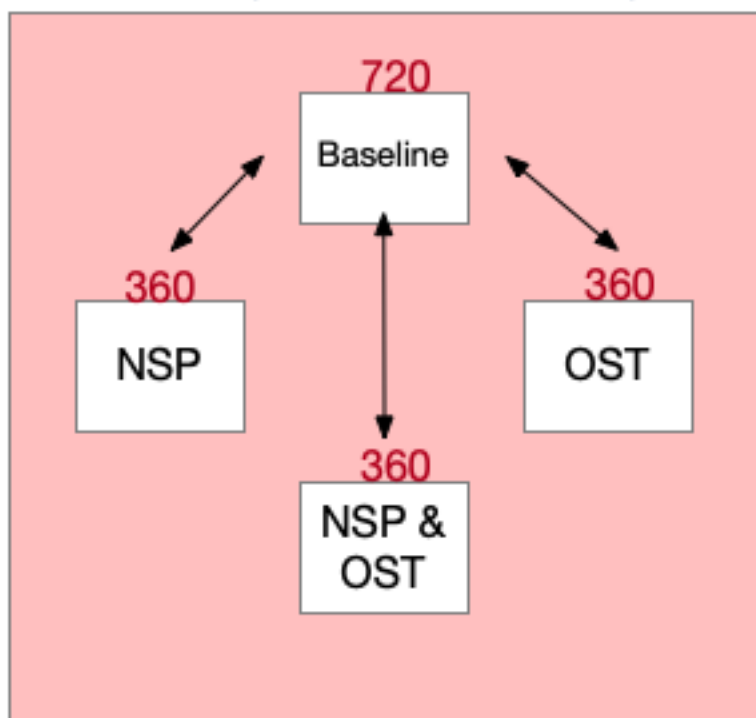
Age 85+

Each population is divided into 9 age groups

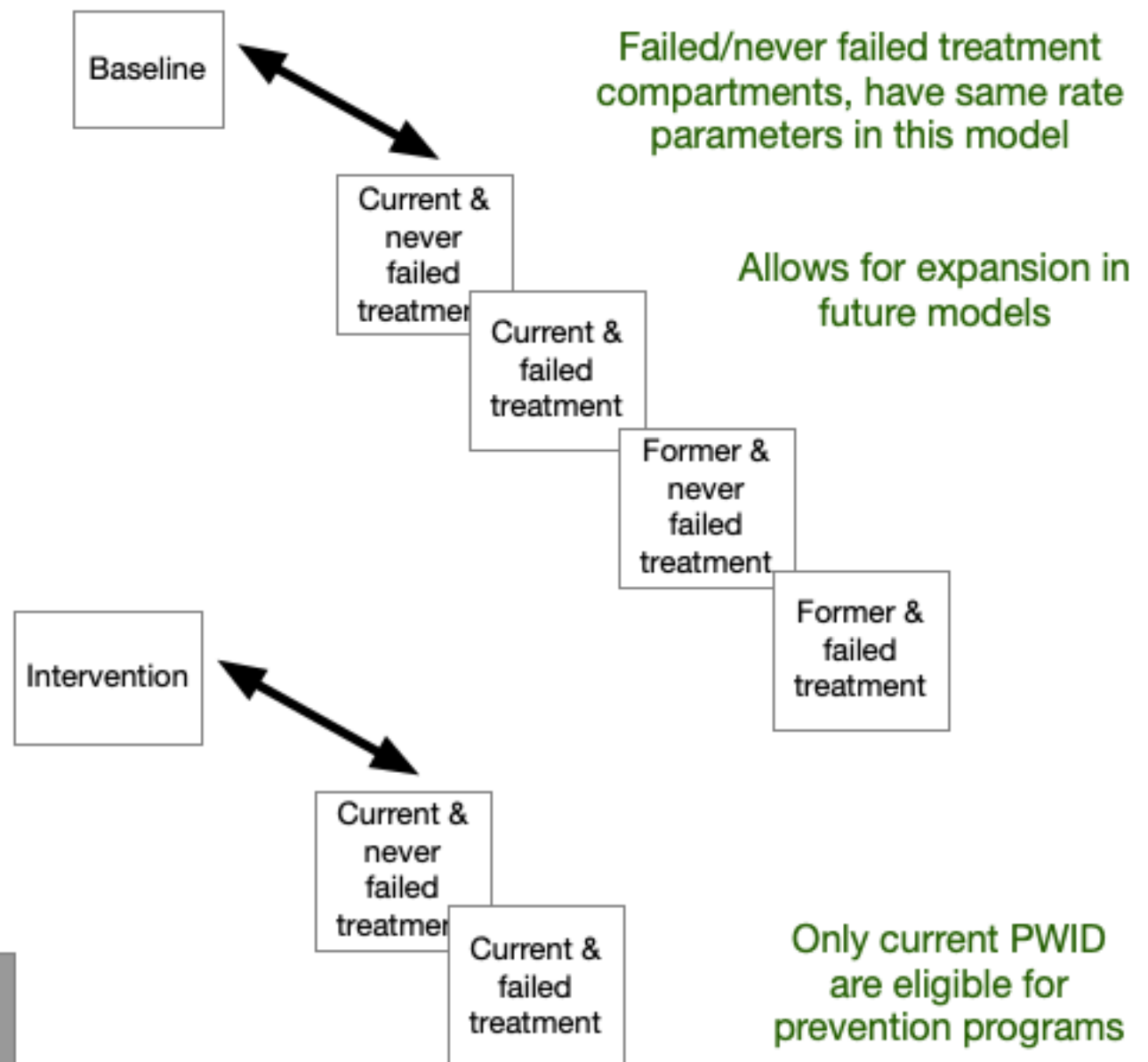
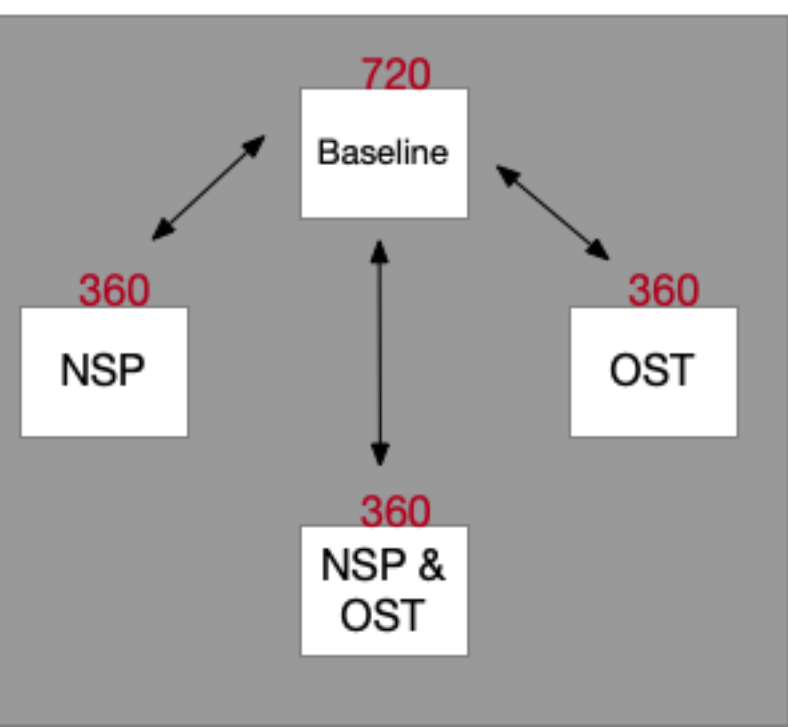
Subjects age through the compartments as time progresses

At any age subjects can move between base population and screened

PWID (Current and Former)



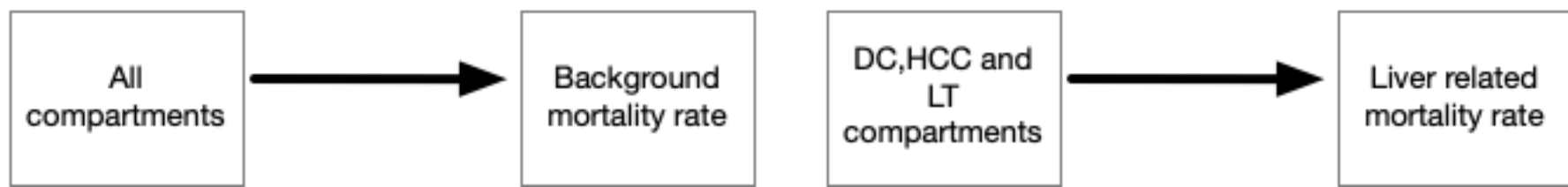
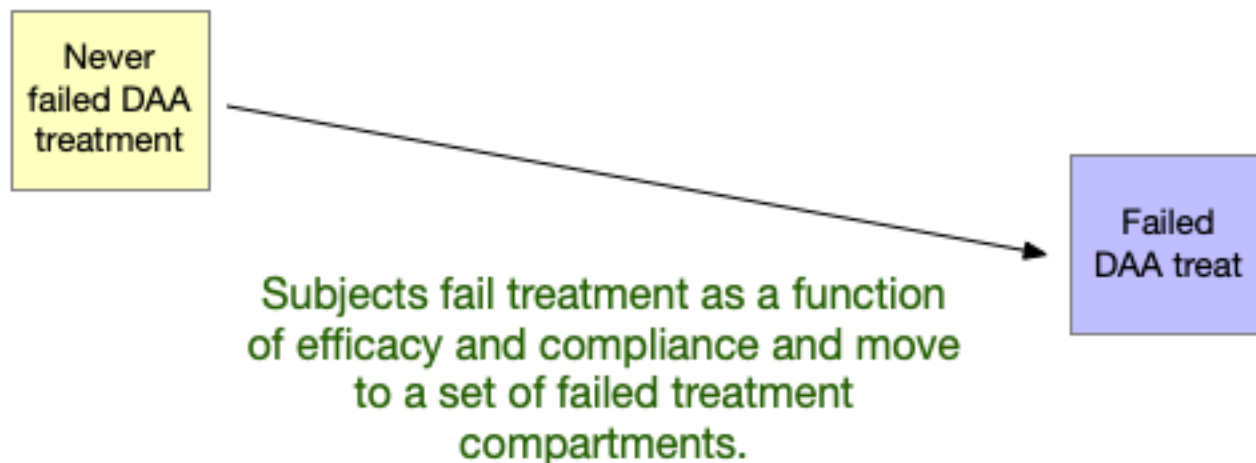
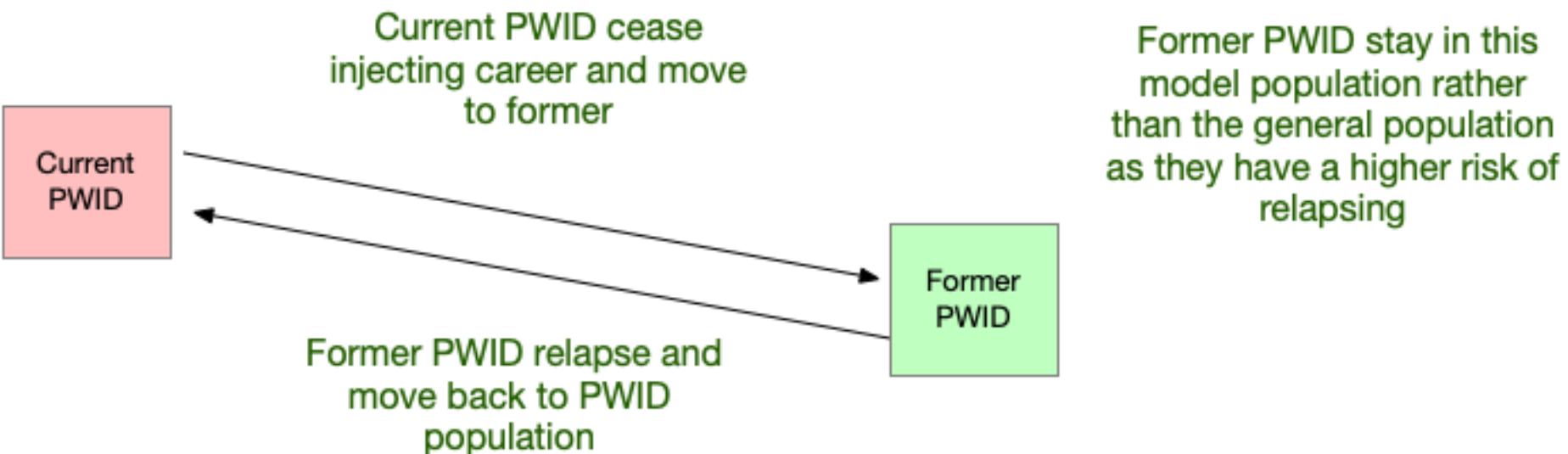
Prison



Prison model is identical in terms of compartments, except that the prison population from the former and gen pop are contained in the same set of compartments. This reduces complexity for an already very large model

All compartments are further divided into 9 age groups

4 compartment combinations, Current/Former * Never failed treatment/Failed



Base model of 20 compartments for each of 9 age strata

