

**Database search hits**  
(N = 2134 + 598)

**Duplicates removed automatically**  
(N = 767 + 225)

**Abstracts screened**  
(N = 1367 + 373)

**Irrelevant**  
(N = 595 + 205)

**Full texts assessed**  
(N = 772 + 168)

**Excluded (N = 407 + 73)**

4 + 1: Duplicate  
115 + 31: Publication type  
118 + 7: No transmission modelling  
136 + 33: Not dynamical model  
25 + 5: Not HIV  
9 + 1: Not SSA

+ 12 cited studies

**Dynamical HIV transmission models**  
(N = 377 + 90)

**No 90-90-90+ prevention impacts**  
(N = 334 + 80)

**Report 90-90-90+ prevention impacts**  
(N = 43 + 10)

**No named 90-90-90+ scenario(s)**  
(N = 36 + 5)

**Named 90-90-90+ scenario(s)**  
(N = 7 + 5)