**Sensitivity Annual notifications Prevalence** 100% 5000 Notifications among GBM in year 75% 4000 Prevalence 3000 50% 2000 Scenario Base Scenario (a) 30% PrEP by 2022 25% (b) 60% gel effectiveness, 50/50 changes 1000 (c) Testing every 60 days for GBM on PrEP (d) Risk factor of 15 for higher risk group (e) Asymptomatic cases test 10x less often (f) Mixing goes up to 50% in all groups 0% 2010 2015 2020 2025 2030 2010 2015 2020 2025 2030 Year Year