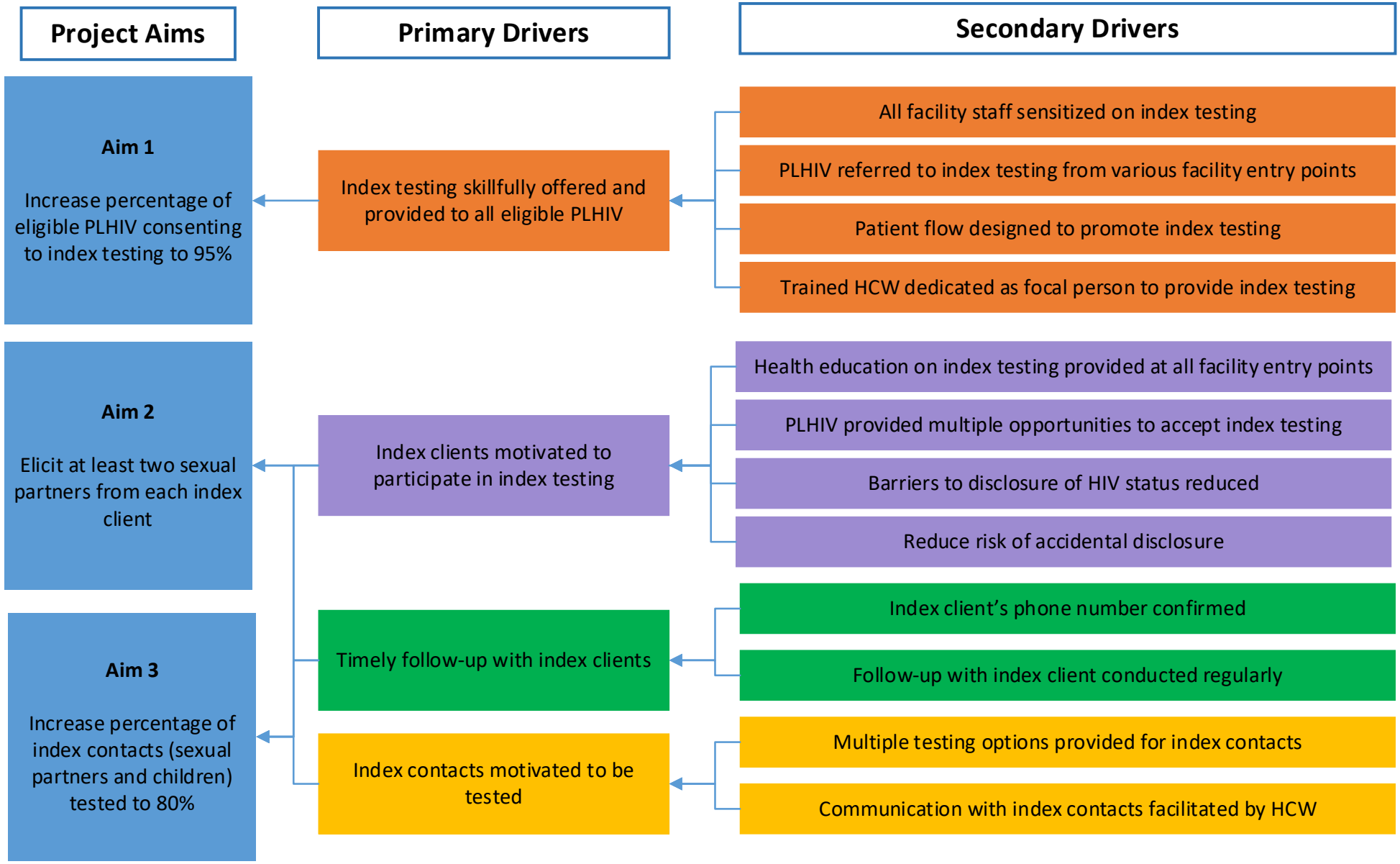INDEX TESTING KEY DRIVER DIAGRAM