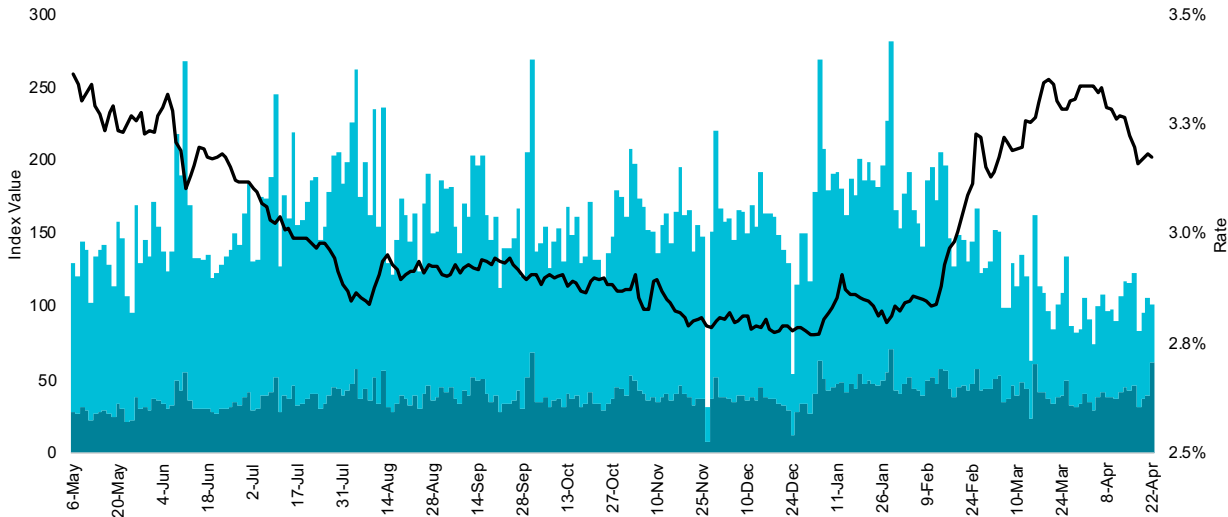


# INDEXED REFINANCE RATE LOCK VOLUMES

Cash Out Refi Index    Rate/Term Refi Index    OBMMI 30-Year Conforming Rate



Source: Black Knight Optimal Blue Rate Lock Data

