Screened for eligibility (n=18,511)

Excluded (n=17,811)
- Not meeting inclusion criteria (n=17,523)
- Declined to participate (n=94)
- Other reasons (n=194)

Randomized (n=700)

Allocated to Life Shift SBIRT intervention (n=346)
- Received allocated intervention (n=346)

Lost to follow-up (n=196)
- Could not be contacted (n=155)
- No show for follow-up visit (n=14)
- Refused (n=13)
- In drug rehabilitation (n=8)
- Incarcerated (n=3)
- Deceased/severely ill (n=3)

Analyzed (n=150)

Allocated to Shift Gears control intervention (n=354)
- Received allocated intervention (n=354)

Lost to follow-up (n=210)
- Could not be contacted (n=163)
- No show for follow-up visit (n=18)
- Refused (n=9)
- In drug rehabilitation (n=13)
- Incarcerated (n=3)
- Deceased/severely ill (n=4)

Analyzed (n=144)