Abstract
The goal was to analyze the behavior, knowledge and risk perception about sexually transmitted diseases / AIDS (STD/AIDS) in people over 50 years old. 165 public servants at a State Secretary in Mato Grosso, Brazil were interviewed. The chi-square test and logistic regression tests were used for the analysis of risk perception and the behavior and knowledge variables about STD/AIDS. Most of the respondents were female (60.6%), 63.2% had a fixed partner, 72.4% had sexual relations in the past six months, and only 13.3% always wore condoms, with 21.5% being male and 8% female. Perception of risk was associated with non-use of condoms in their last sexual relation (p<0.001) and answering that anyone may acquire a STD/AIDS (p=0.039). The challenge of public policies is to increase actions, directing them to promote the health of the adult and elderly populations, especially regarding sexuality and vulnerability to STD/AIDS.

Keywords
Condoms, knowledge, sexual behavior, aging, sexuality, sexually transmitted diseases/ prevention & control, nursing, team, population at risk.