



Sexual behaviour, condom use and HIV prevalence in remote areas of Papua New Guinea

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Oil Search Foundation Limited
Incorporated in Papua New Guinea

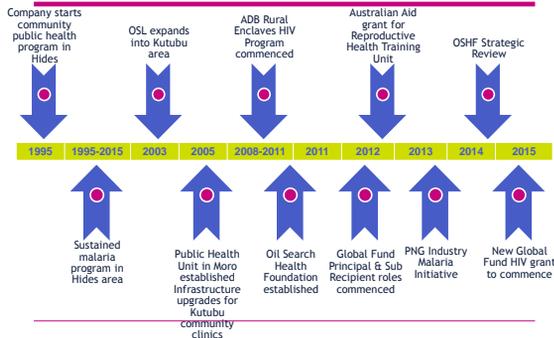
Oil Search - Company Profile



- » Oil Search is PNG's largest oil and gas producer and operates all of PNG's producing oil and gas fields
- » Operating in PNG since 1929
- » Current market value of US\$11.4 billion
- » Strong commitment to sustainability



Public health milestones



Oil Search Foundation



Vision

Every adult and child in Papua New Guinea has access to functioning and effective health and education services

Mission

To contribute to nationwide development goals by working in partnership with government and stakeholders to improve development outcomes and achieve system stability and functionality

Strategic Focus



- » **Primary Health**
 - HIV
 - Malaria
 - Maternal & Child Health
- » **Women's Protection & Empowerment**
- » **Leadership & Education**



Background



- » HIV testing logbooks provide basis for national HIV surveillance
- » Additional survey work complements national datasets for the purposes of Global AIDS Progress Reporting

Methods



- » Two universal indicator questions were asked at point of HIV testing
 - How many sexual partners (SP) have you had in the last 12 months?
 - If more than one sexual partner in the past 12 months, did you use a condom at your last sexual intercourse?

Methods



- » Data on sexual behaviour was recorded in HIV testing log books for all clients presenting in 54 clinics across three provinces
- » Audit of responses for the whole of 2013 & 2014

Results



- » 37,036 clients aged >15 years presented for HIV testing in 2013 & 2014
 - 69% female and 31% male
- » Of those having more than one sexual partner in the last 12 months - 13.3% (990/7,447) reported condom use at LSI
- » Men reported higher condom use than women
 - 16.8% (692/4,123) versus 9% (n=298/3,324)
- » Condom use increased as the number of partners in the last 12 months increased

Results



Number of Sexual Partners	% (n) Condom Use at LSI
1	4.4% (1,191/27,285)
2	12.4% (607/4,879)
3	11.5% (158/1,372)
4	16.5% (85/516)
5+	20.8% (142/682)

Results



- » Condom use was marginally lower in clients with more than one partner who tested HIV positive 12.4% (22/178) compared with those testing HIV negative 13.4% (968/7,237)

Conclusions



- » Overall low rate of condom use at LSI although as the number of sexual partners in the last 12 months increased, so did condom use
- » Higher percentage of men using condoms than women
- » Reported condom use at LSI amongst clients with more than one SP tested for HIV had a marginal effect HIV positivity rate
- » The main limitation of this analysis includes social desirability bias that may result from healthcare workers eliciting sexual behaviour of individuals

