South African Community Epidemiology Network on Drug Use
SACENDU

January – June 2018 Data (Phase 44)

Mpumalanga Feedback Meeting

Mr Warren Lucas
A project of the Alcohol, Tobacco and Drug Research Unit of the Medical Research Council
## TREATMENT EPISODES - OVERALL

<table>
<thead>
<tr>
<th>Centre</th>
<th>Jan-Jun 2017 (798)</th>
<th>Jul-Dec 2017 (984)</th>
<th>Jan-Jun 2018 (1019)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n (%)</td>
<td>n (%)</td>
<td>n (%)</td>
</tr>
<tr>
<td><strong>SANCA Lowveld</strong></td>
<td>252 (31.6)</td>
<td>240 (24.3)</td>
<td>274 (26.9)</td>
</tr>
<tr>
<td><strong>SANCA MARC</strong></td>
<td>39 (4.8)</td>
<td>90 (9.1)</td>
<td>62 (6.4)</td>
</tr>
<tr>
<td><strong>SANCA Thembisile</strong></td>
<td>21 (2.6)</td>
<td>13 (1.3)</td>
<td>44 (4.3)</td>
</tr>
<tr>
<td><strong>SANCA Witbank</strong></td>
<td>486 (60.9)</td>
<td>518 (52.6)</td>
<td>493 (48.4)</td>
</tr>
<tr>
<td><strong>Swartfontein Rehab</strong></td>
<td>-</td>
<td>123 (12.5)</td>
<td>110 (10.8)</td>
</tr>
<tr>
<td><strong>Bread of Life</strong></td>
<td>-</td>
<td>-</td>
<td>16 (1.6)</td>
</tr>
<tr>
<td><strong>PACE Rehab</strong></td>
<td>-</td>
<td>-</td>
<td>20 (1.9)</td>
</tr>
</tbody>
</table>
TYPE OF TREATMENT RECEIVED (%)

- Jan-Jun 18: 14.3% Inpatient, 85.7% Outpatient
- Jul-Dec 17: 14.9% Inpatient, 85.1% Outpatient
- Jan-Jun 17: 1.3% Inpatient, 98.7% Outpatient
POPULATION PROFILE

• SACENDU Mpumalanga Data
POPULATION PROFILE: GENDER (%)

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-Jun 17</td>
<td>89</td>
<td>11</td>
</tr>
<tr>
<td>Jul-Dec 17</td>
<td>88</td>
<td>12</td>
</tr>
<tr>
<td>Jan-Jun 18</td>
<td>89</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Black</td>
<td>Coloured</td>
</tr>
<tr>
<td>-------</td>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>Jan-Jun 17</td>
<td>84.1</td>
<td>3</td>
</tr>
<tr>
<td>Jul-Dec 17</td>
<td>86.1</td>
<td>2.8</td>
</tr>
<tr>
<td>Jan-Jun 18</td>
<td>80.2</td>
<td>4.3</td>
</tr>
</tbody>
</table>

The chart above shows the population profile (%) by ethnicity for different periods.
ETHNICITY BY AGE COHORT (%)

- <19 yrs: Black 90, Coloured 4, Coloured 5, White 1
- 20-35 yrs: Black 80, Coloured 5, Coloured 15, White 1
- 36-55 yrs: Black 59, Coloured 2, Indian 0
- 56+ yrs: Black 67, Coloured 0, Indian 33
HIGHEST LEVEL OF EDUCATION

- Jan-Jun 17: 85.5%
  - Any tertiary: 10.4%
  - Grade 8-12: 81.3%
  - Grade 1-7: 4.1%
- Jul-Dec 17: 76.4%
  - Any tertiary: 13.8%
  - Grade 8-12: 81.3%
  - Grade 1-7: 4.8%
- Jan-Jun 18: 76.4%
  - Any tertiary: 16.8%
  - Grade 8-12: 76.4%
  - Grade 1-7: 6.7%
AGE DISTRIBUTION - OVERALL

Jan-Jun 18
- 10-14 yrs: 4
- 15-19: 25
- 20-24: 22
- 25-29: 21
- 30-34: 14
- 35-39: 6
- 40-44: 4
- 45+: 4

Jul-Dec 17
- 10-14 yrs: 4
- 15-19: 29
- 20-24: 20
- 25-29: 20
- 30-34: 12
- 35-39: 7
- 40-44: 4
- 45+: 4

Jan-Jun 17
- 10-14 yrs: 3
- 15-19: 25
- 20-24: 20
- 25-29: 22
- 30-34: 15
- 35-39: 8
- 40-44: 3
- 45+: 4
MEAN AGE IN YEARS – OVERALL

26

Jan-Jun 17  Jul-Dec 17  Jan-Jun 18
PRINCIPAL REFERRAL SOURCES (%)

Jan-Jun 17 | Jul-Dec 17 | Jan-Jun 18
---|---|---
Court/CorServ |
Employer/Work |
Self |
Fam/friends |
H.prof/Hosp |
School |
SocServices |
TESTED FOR HIV IN PTM (%)

<table>
<thead>
<tr>
<th></th>
<th>Jan-Jun 17</th>
<th>Jul-Dec 17</th>
<th>Jan-Jun 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>31.7</td>
<td>28.7</td>
<td>33.8</td>
</tr>
<tr>
<td>Yes</td>
<td>55.7</td>
<td>51.4</td>
<td>55.8</td>
</tr>
<tr>
<td>Refused to answer</td>
<td>12.5</td>
<td>19.9</td>
<td>10.4</td>
</tr>
</tbody>
</table>

Jan-Jun 17, Jul-Dec 17, Jan-Jun 18
TEST FOR HIV BY AGE COHORT (%)
SUBSTANCES OF USE

• SACENDU Mpumalanga Data
PRIMARY DRUG BY AGE COHORT (%)

- <19 yrs: Alcohol 3, Dagga 9, Heroin 1, Crack/Cocaine 1, Nyaope 6, Other 1
- 20-35 yrs: Alcohol 7, Dagga 28, Heroin 34, Crack/Cocaine 1, Nyaope 18, Other 1
- 36-55 yrs: Alcohol 37, Dagga 20, Heroin 19, Crack/Cocaine 7, Nyaope 5, Other 0
- *56+ yrs: Alcohol 33, Dagga 44, Heroin 23, Crack/Cocaine 0, Nyaope 0, Other 0
# Mean Age - Primary SOU (Yrs)

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>35</td>
<td>26</td>
<td>36</td>
</tr>
<tr>
<td>CAT</td>
<td>28</td>
<td>26</td>
<td>29</td>
</tr>
<tr>
<td>Crack/Cocaine</td>
<td>28</td>
<td>28</td>
<td>31</td>
</tr>
<tr>
<td>Dagga</td>
<td>23</td>
<td>26</td>
<td>22</td>
</tr>
<tr>
<td>Heroin/Opiates</td>
<td>27</td>
<td>26</td>
<td>28</td>
</tr>
<tr>
<td>Inhalants</td>
<td>23</td>
<td>27</td>
<td>18</td>
</tr>
<tr>
<td>Methamphetamine</td>
<td>27</td>
<td>29</td>
<td>28</td>
</tr>
<tr>
<td>OTC/PRE</td>
<td>36</td>
<td>19</td>
<td>36</td>
</tr>
<tr>
<td>Nyaope</td>
<td>-</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td><strong>Overall</strong></td>
<td><strong>26</strong></td>
<td><strong>26</strong></td>
<td><strong>26</strong></td>
</tr>
</tbody>
</table>
OVERALL SUBSTANCE OF USE(%)
Number of persons reporting Codeine use (15/1019 = 1.5%)

<table>
<thead>
<tr>
<th>Profile of Codeine users (15)</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Majority were Male</td>
<td>12</td>
</tr>
<tr>
<td>Majority were White</td>
<td>12</td>
</tr>
<tr>
<td>Majority were between the ages of &gt;19 years</td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Codeine-containing medication used</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mybulen; Myprodol; Painamol; Genpain; Tablets; Stilpane; Stopayne</td>
<td>14</td>
</tr>
<tr>
<td>Benylin syrup with codeine</td>
<td>1</td>
</tr>
</tbody>
</table>
PROPORTION OF PATIENTS SUFFERING NON COMMUNICABLE DISEASES (NCD) N=51/1019

- GIT diseases
  - Jan-Jun 18: 11
  - Jul-Dec 17: 8

- Respiratory Disease
  - Jan-Jun 18: 18
  - Jul-Dec 17: 13

- Liver Disease
  - Jan-Jun 18: 12
  - Jul-Dec 17: 13

- Hypertension
  - Jan-Jun 18: 44
  - Jul-Dec 17: 50

- Mental Health
  - Jan-Jun 18: 8
  - Jul-Dec 17: 7

- Diabetes
  - Jan-Jun 18: 4
  - Jul-Dec 17: 5

- Cardiovascular
  - Jan-Jun 18: 7
  - Jul-Dec 17: 8
PATIENTS UNDER 20S (N=292)

- SACENDU Mpumalanga Data
NUMBER OF PATIENTS <20 YRS SEEN IN TX

Jan-Jun 17: 216
Jul-Dec 17: 320
Jan-Jun 18: 292
GENDER PROFILE (%)
RACE PROFILE (%)

Jan-Jun 17: 89.4
Jul-Dec 17: 90.6
Jan-Jun 18: 89.7

African: 6.5, 3.8, 4.1
Coloured: 4.2, 4.7, 5.8
White: 0, 0, 0
Indian: 0, 0, 0
PRIMARY SUBSTANCE OF USE(%)
SUMMARY OF FINDINGS

- Two new treatment centres have joined the network
- Slight increase in total number of patients seen in treatment during this period
- Average age of an individual accessing treatment remain to be 26 years, male, black African, unemployed
- Slight decrease in patients younger than 20 years accessing treatment
- Significant increase in Dagga use and significant decrease in Heroin use compared to last six months
- The State remain the principal source of payment for persons accessing substance abuse treatment
THANK YOU!!!

www.mrc.ac.za/adarg/adarg.htm
www.sahealthinfo.org.sa/admodule/sacendu.htm