The reasons for the change from paper-based reporting to web-based data collection system
What I will discuss today?

1. Discussion of Formation of SCAET
2. AET Process and Outcome data recap
3. Need for Web based system
   - Scan forms to an online system
   - System launch date
   - Real time data reporting
   - Quicker data tracking & evaluation
4. Improvements in the reporting process
5. Challenges and areas for reporting improvement
TRAGEDY BROUGHT ABOUT CHANGE IN UNDERAGE DRINKING LAWS IN 2007
SC Solutions to the Problem

- Passage of the Prevention of Underage Drinking and Access to Alcohol Act of 2007
- Creation of local Alcohol Enforcement Teams in the 16 judicial circuits throughout the state.
- Funds provided to 15 county BHS agencies
- Used for enforcement (LE Agencies), training (Alive @ 25, etc.), & equipment (PAS Vr, etc.)
• Each Circuit hired a Coordinator
• Began extending community relationships and building new ones toward building the teams
• All teams formed by October 2007
• Compliance checks
• Regular traffic stops
• Loud music complaints
• Saturation or directed patrol and public safety checkpoints
• Casual contacts with individuals under 21 years old
• School Resource Officers
• Presentations to community groups, political bodies, parents, students, etc.
• Fake ID checks in alcohol establishments
Capacity-building

- New laws required training
- UDETC conducted first statewide training in October 2007
- Developed a training cadre for future trainings
- Initially held 5 regional 2-day AET trainings
- Added component concerning alcohol trends & fads
- Obtained SCCJA credit for 2-day, 1-day, and 3-hour classes
Building Capacity for SCAET

• After 5 initial regional AET trainings, requests came in for additional training for expanded topics from 2-day training
• Training survey sent statewide in 2010
• Began conducting “Training of Trainers” in early 2011 for topics
• In early 2011, Fake ID was expanded to 4 hours from 1 hour at initial regional training
• Added Source Investigation & expanded Public Safety Checkpoints training in 2012
Building capacity for other state and local partners

- SC Department of Natural Resources Law enforcement (wildlife officers covering lakes and state hunting areas)
- SC Parks, Recreation, and Tourism personnel (state parks)
- School Resource Officers Conference
- SC Commission on Prosecution Commission training (oversight for Circuit level Solicitors)
- SC State Accident Fund (workers compensation for the state)
- Military Bases (Air Force & Navy)
- Anywhere we are asked to conduct presentation about underage drinking
<table>
<thead>
<tr>
<th>Year</th>
<th># of Enforcement Operations *</th>
<th># of resulting cases (tickets or arrests)</th>
<th>Media Events</th>
<th>Reach (in millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>1,382</td>
<td>1,024</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>2011</td>
<td>1,038</td>
<td>900</td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>2012</td>
<td>3,085</td>
<td>1,028</td>
<td>52</td>
<td>2.8</td>
</tr>
<tr>
<td>2013</td>
<td>3,292</td>
<td>889</td>
<td>95</td>
<td>0.9</td>
</tr>
<tr>
<td>2014</td>
<td>3,551</td>
<td>2,018</td>
<td>142</td>
<td>2.4</td>
</tr>
<tr>
<td>2015</td>
<td>1,826</td>
<td>835</td>
<td>124</td>
<td>1.0</td>
</tr>
<tr>
<td>2016</td>
<td>2,533</td>
<td>991</td>
<td>222</td>
<td>1.3</td>
</tr>
<tr>
<td>2017</td>
<td>1,551</td>
<td>301</td>
<td>43%</td>
<td>5.5%</td>
</tr>
</tbody>
</table>

* Operations were party patrols, traffic stops, casual contacts, compliance checks, shoulder taps, public safety checkpoints
AET Training offered by DAODAS

http://scoutoftheirhands.org/scjaet-training.html

- 2-day AET Training (various modules)
  - Environmental Strategies & UD Laws
  - Bar Checks
  - Controlled Party Dispersals
- 1-day AET Activities Training (6.5 hrs.)
- Fake & Fraudulent ID training (5 hrs.)
- PAS Vr Training (2 hrs.)
- Public Safety Checkpoints (4 hrs.)
- Public Safety Checkpoints (1/2 hr. video)
- Special Alcohol Events Management (4 hrs.)
- Source Investigation (4 hrs.)

New Training Topics Being Developed for 2017!

SCCJA has approved all AET training for CEUs!
So, how did we do?.....

Outcome and impact Evaluation
## SCAET Training participation

<table>
<thead>
<tr>
<th>Training Topic</th>
<th># of Participants</th>
<th># of Officers</th>
<th># of Youth Actors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-hour AET Class</td>
<td>933</td>
<td>498</td>
<td>79</td>
</tr>
<tr>
<td>AET Activities</td>
<td>428</td>
<td>366</td>
<td>315</td>
</tr>
<tr>
<td>1-Day AET</td>
<td>164</td>
<td>151</td>
<td>72</td>
</tr>
<tr>
<td>Fake ID Training</td>
<td>653</td>
<td>587</td>
<td>161</td>
</tr>
<tr>
<td>Mock Party Dispersal</td>
<td>84</td>
<td>82</td>
<td>60</td>
</tr>
<tr>
<td>PAS Systems</td>
<td>296</td>
<td>281</td>
<td>0</td>
</tr>
<tr>
<td>Public Safety Checkpoints</td>
<td>233</td>
<td>216</td>
<td>0</td>
</tr>
<tr>
<td>Source Investigation</td>
<td>202</td>
<td>174</td>
<td>0</td>
</tr>
<tr>
<td>2-Day AET</td>
<td>840</td>
<td>757</td>
<td>476</td>
</tr>
<tr>
<td>Various Topics</td>
<td>482</td>
<td>382</td>
<td>0</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>4,315</strong></td>
<td><strong>3,494</strong></td>
<td><strong>1,175</strong></td>
</tr>
</tbody>
</table>

Training held in 43 of 46 SC counties since 2007
Outcomes for SC in Reducing Underage Drinking

<table>
<thead>
<tr>
<th>Survey Item</th>
<th>2005</th>
<th>2015</th>
<th>% decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>high school students reported ever drinking alcohol</td>
<td>71.1%</td>
<td>58.0%</td>
<td>-18.4%</td>
</tr>
<tr>
<td>reported drinking alcohol before age 13</td>
<td>25.6%</td>
<td>21.4%</td>
<td>-16.4%</td>
</tr>
<tr>
<td>reported drinking alcohol in past 30 days</td>
<td>43.2%</td>
<td>28.4%</td>
<td>-34.3%</td>
</tr>
<tr>
<td>reported binge drinking (5 or more drinks in 2 hour time period) in past 30 days</td>
<td>23.6%</td>
<td>11.7%</td>
<td>-50.4%</td>
</tr>
</tbody>
</table>
### FY2008 – FY2016 Enforcement Numbers

*July 1, 2007 through June 30, 2016 (state fiscal years run July 1 to June 30)*

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Compliance Checks</td>
<td>67,247</td>
<td>Compliance Check Sales</td>
<td>9,207</td>
</tr>
<tr>
<td>Public Safety Checkpoints</td>
<td>7,043</td>
<td>Bar checks</td>
<td>2,653</td>
</tr>
<tr>
<td>Saturation Patrols</td>
<td>2,489</td>
<td># of Parties Prevented</td>
<td>1,311</td>
</tr>
<tr>
<td>Party Dispersals</td>
<td>1,303</td>
<td>Merchant Education</td>
<td>16,514</td>
</tr>
<tr>
<td>Media Contacts</td>
<td>2,845</td>
<td>Shoulder Taps</td>
<td>304</td>
</tr>
</tbody>
</table>

** Enforcement & Education numbers are collected monthly but FY 2017 numbers are not included in this count.**
This is a 52% decrease in the buy-rate in SC!
Alcohol Crashes 21+ up 20% & < 21 down 27%

SOUTH CAROLINA DUI CRASHES JUL. 2006 TO SEP. 2016

> 21 DRIVERS VS. 21 AND OLDER DRIVERS

AET in 16 counties
2007 Forms

1. Word document
2. Emailed to DAODAS
3. Keyed twice
4. Not “real time”
# 2010 Forms

1. **PDF scan form**
2. **Hand-written or keyed**
3. **Delivered to DAODAS**
4. **No “real time”**
5. **Scan hard-ware & software out-of-date**
6. **Data cleaning took time**
State of South Carolina Department of Alcohol and Other Drug Abuse Services Online Reporting Tool

This survey requires a password.

AET2016*

https://pire.co1.qualtrics.com/jfe1/form/SV_3mZ6Ajh2MRQMrkVT
AET Reporting system

- Discussed in AET Coordinator meetings
- Developed over last few months of FY2016
- Ver. 1.0 went “live” Aug. 2016
  - Slow speeds
  - Off line version
- Ver. 2.0 went “live” Sept. 2016

https://pire.co1.qualtrics.com/jfe1/form/SV_3mZ6Ajh2MRQMkVT
State of South Carolina Department of Alcohol and Other Drug Abuse Services Online Reporting Tool

Reports

State  Circuit  County (coming soon)

Back  Next
State of South Carolina Department of Alcohol and Other Drug Abuse Services Online Reporting Tool

Reports

- State
- Circuit
- County (coming soon)

Back  Next
State of South Carolina Department of Alcohol and Other Drug Abuse Services Online Reporting Tool

State
Fiscal Year 2017 Report

- Bar Check/Fake ID Sweep (now includes v1.0 data)
- AET Saturation Patrol
- AET Checkpoint (now includes v1.0 data)
- DAODAS Compliance Check (now includes v1.0 data)
- AET Party Dispersal
- AET Shoulder Tap (now includes v1.0 data)
- AET Overall Monthly Report and Media (now includes v1.0 data)
State Level Report - Compliance Check

**Total Compliance Checks Completed**

<table>
<thead>
<tr>
<th>Field</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finished</td>
<td>5,873</td>
</tr>
</tbody>
</table>

**Q1 - Funding Source (select all that apply)**

<table>
<thead>
<tr>
<th>Funding Source</th>
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<tbody>
<tr>
<td>Circuit</td>
<td>County</td>
</tr>
<tr>
<td>---------</td>
<td>------------</td>
</tr>
<tr>
<td>12</td>
<td>Florence</td>
</tr>
<tr>
<td>12</td>
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<td>12</td>
<td>Florence</td>
</tr>
</tbody>
</table>

Count of Sale Completed:

- 5183
- 447
- 5630

Sale Completed?

- No
- Yes

Buy Rate: 7.9%
Challenges & Improvements

- Reporting improvements
- New systems advance with improvements
- Feedback is needed
- “New systems” require familiarity
- Use of system builds familiarity
- Reflect back on AET beginning
- Existing partners lead to new partners
- Evolving relationships involve trust
Assistance to any Prevention staff member concerning AET data

AET Coordinator Meetings every two months
Next meeting is Wednesday, May 16 @ 10 am
SC LEO Hall of Fame; 5400 Broad River Rd; Columbia
Next meeting in July by conference call
Out of Their Hands Press event @ Brookland Cayce High School; 1300 State Street • Cayce, SC 29033
Free AET training is open to Prevention personnel
Questions?

Michelle M. Nienhius, MPH

Michael D. George, PhD