What were they thinking?

DUI Offenders Tell All

August 26, 2017
Today’s Objectives

By the end of the workshop, participants will:

1. Increase their knowledge of the circumstances of last use prior to driving among DUI offenders convicted in Orange County.

2. Understand how data collected from DUI offenders can be used to implement impaired driving prevention services through data driven decisions.

3. Learn about a collaboration between primary prevention and secondary prevention/treatment to reduce impaired driving collisions.
In 2013, Los Angeles, San Diego, Orange and San Bernardino counties each had over 10,000 DUI arrests
• Orange = 13,020

These four counties accounted for 45.5% of all California DUI arrests

2015 California Department of Motor Vehicle’s Annual Report of the California DUI Management Information System
Orange County’s Strategic Goal: Reduce AOD Impaired Driving Collisions

2016

Fatal Collisions - 38
(44 victims killed)

Injury Collisions - 1,098

Office of Traffic Safety report run 6/20/17
Orange County top Collision Factors over 1,000 in 2016. Driving Under the Influence of AOD is ranked fourth.

<table>
<thead>
<tr>
<th>Collision Factor</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsafe Speed</td>
<td>13,781</td>
</tr>
<tr>
<td>Improper Turning</td>
<td>5,554</td>
</tr>
<tr>
<td>Automobile Right-Of-Way</td>
<td>3,849</td>
</tr>
<tr>
<td><strong>Driving Under the Influence of AOD</strong></td>
<td>3,143</td>
</tr>
<tr>
<td>Traffic Signals and Signs</td>
<td>2,282</td>
</tr>
<tr>
<td>Unknown</td>
<td>1,593</td>
</tr>
<tr>
<td>Unsafe Starting or Backing</td>
<td>1,015</td>
</tr>
</tbody>
</table>
Orange County number of convictions by offense.

Orange County has an overall 98% conviction rate.
Orange County Health Care Agency’s Goal: Reduce Recidivism Rates

36% of People convicted of a DUI in CA had a 2nd offense within 10 years.

Orange County’s need

More information

- Where impaired drivers were drinking
- Why they were driving
Reached out to law enforcement agencies in Orange County to access information already collected.
Assessment Period

Four problems with information collected at time of arrest

Obligated to write in quotes

Approximately 80%
Assessment period

Four problems with information collected at time of arrest
**Conclusion** – needed to do our own study = COLD

Has been done previously – 2002, 2005 partnership with Behavioral Health Services

- Monitor the DUI providers in the County
- Responsible for referral process
Collaboration

Behavioral Health Services
Authority & Quality Improvement Services Division (AQIS)
Court Program

Public Health Services
Health Promotion Division (HP)
Alcohol and Drug Education and Prevention Team (ADEPT)
Previous Studies

- Point in time
- DUI providers administered the surveys
  - Orange County DUI programs
- No incentive

Current Design

- Ongoing surveillance data collection project
- Time of conviction
- Capture *out of county* DUI program participants
- Incentive
DUI offender process in Orange County

- Four superior court locations (Fullerton, Westminster, Santa Ana, Newport Beach)
  - Offender assigned court-based on the location of arrest

- Two County staff at each location (Alcohol Liaisons)
  - Issue and track DUI program referrals
  - Report compliance back to court for every case convicted in Orange County
DUI offender process in Orange County

- Staff trained to administer the COLD survey at time of referral

- Each interaction is entered into an electronic database connected to a case number to track participation to avoid duplication
Purpose of COLD Survey

- Determine the circumstances surrounding impaired driving in Orange County
- Inform prevention efforts
- Learn about factors contributing to re-offense
- Learn about return offenders experience with DUI programs previously attended
Determine the circumstances of last drink prior to arrest
Circumstances of Last Drink Survey

Demographic information
Circumstances of Last Drink Survey

Impact of respondents’ behavior onto others
Circumstances of Last Drink Survey

Respondents’ perception prior to arrest
Multiple Offender Survey
Multiple Offender Survey

Factors contributing to their DUI re-offense
Multiple Offender Survey

Reasons for recurring DUI
Multiple Offender Survey

Elicit Feedback about previous DUI Program
Partnership with OC Links

Orange County | Behavioral Health Information & Referrals

855-OC-Links
(625-4657)

Orange County DUI Survey Follow-Up
OC LINKS Call Back Request
(Please leave this form in black box)

First Name: ________________________________

Phone #: ________________________________

Is it ok to leave a message?  □ Yes  □ No

Preferred language:  □ English  □ Spanish  □ Vietnamese
□ Korean  □ Farsi  □ Other:________
Survey design

Five languages
  • English
  • Spanish
  • Korean
  • Farsi
  • Vietnamese
Survey design

- Anonymous
- Voluntary
- Incentive
- If attorney/legal representative present attached flyer to paperwork
Pros

- Survey as soon as convicted
- They have paperwork with them about their case
- Interpreter with them
- Control tracking of surveys
- Control of survey administration (8 employees)
- Able to reach out of county DUI program participants
Survey design

**Pilot study**
- October, 2016 – March, 2017

**Surveillance data project**
- Minor revisions
- Retraining
- April, 2017 - ongoing
Orange County DUI Program Survey

Please do not put your name on this survey - the responses from each survey will be combined and will not be linked to a single person. The information you provide can help plan the Orange County impaired driving prevention programs. Please answer each question the best you can.

Today’s Date: 1/1/20

Program Type (select one):
1. Program
   - 12 hour
   - 3 month
   - 6 month
   - 9 month
   - 12 month

Personal Information:
1. Your name
2. Your home zip code

3. Your age
4. Your gender
5. Your race/ethnic background:
   - Multi-racial
   - African American/Black
   - Asian/Pacific Islander
   - Native American
   - Other

DUI Arrest Information:
6. What was the date of your arrest? 1/1/20
7. What day of the week were you stopped by law enforcement?
   - Monday
   - Tuesday
   - Wednesday
   - Thursday
   - Friday
   - Saturday
   - Sunday
8. What time of day were you arrested for your DUI?
   - Early Morning (6 a.m. - 8 a.m.)
   - Morning (8:01 a.m. - noon)
   - Afternoon (12:01 p.m. - 5 p.m.)
   - Evening (5:01 p.m. - 9 p.m.)
9. What city were you arrested in? (Please write in all capital letters)

10. What type of substance were you tested for when you were stopped by law enforcement?
    - Alcohol only
    - Drugs only
    - Combination of Alcohol and Drugs

11. Did you have any passengers with you in the car when you were stopped by law enforcement?
    - Yes
    - No

12. Did your DUI arrest involve a collision?
    - Yes
    - No

13. Were you arrested for a DUI because of your use of? (Mark only one response)
    - Alcohol only
    - Drugs only
    - Combination of Alcohol and Drugs

14. What was your BAC (blood alcohol content) at the time of arrest? 0.1

15. Looking back to the day you were arrested, what was the total number of alcoholic drinks you consumed that day?

Place of Last Drink Information:
(If you were arrested for driving under the influence, please skip to question 29 if you were arrested for other drug impairment and your BAC was .08)

16. In what CITY had you LAST been drinking last before your DUI arrest? (please write in all capital letters)

17. Where did you have your LAST drink before you were arrested?
    - At your own residence
    - At someone else’s residence
    - In a hotel room
    - At a bar, club, or restaurant
    - At a beach or lake
    - At a restaurant
    - Other

18. Thinking back to the place where you had been drinking before you were arrested, how many hours were you there? (Fill in D1, if less than 1 hour)

19. How many drinks did you have there?

20. Before you left that last place, did any of the following occur? (mark all that apply)
    - Left the area within 2 hours after you were drinking
    - Monitored the breathalyzer
    - Felt drunk or impaired
    - Used a designated driver

21. In the 12 months BEFORE this DUI arrest, about how often did you drive when you were too drunk to drive?
    - Never
    - Less than once a month
    - Once a month
    - 2-3 times a month
    - 1-2 times a week
    - More than 2 times a week

22. Of the list below, mark which you think would help people from getting a DUI (Mark all that apply)
    - Fewer or no drinking games at parties, clubs or bars
    - More availability of food at bars and clubs
    - Limiting drinks at bars and clubs
    - Training bartenders and servers about responsible service of alcohol
    - Security personal making sure an impaired person has a safe ride home

Other:

Please return this survey to the Alcohol Liaison - Thank you for your help.
County of Orange Health Care Agency, Public Health Services (Alcohol and Drug Education and Prevention Team, Health Promotion, Authority and Quality Improvement California - DJI & Court Programs) and Office of County Management.

Page 1
Page 2
Orange County Circumstances of Impairment Prior to Driving Survey

Please do not put your name on this survey - the responses from each survey will be combined and will not be linked to a single person. The information you provide can help plan the Orange County impaired driving prevention programs. Please answer each question the best you can.

Today's Date: 1/1/2017

Program Type (select one): [ ] 12 hour [ ] 3 month [ ] 6 month [ ] 9 month [ ] 12 month [ ] 18 month

Personal Information
1. Your name: __________________________
2. Your home zip code: ________________
3. Your age: __________________________
4. Your gender: 
   - Male [ ]
   - Female [ ]
   - Transgender [ ]
   - Other [ ]
5. Your race/ethnic background:
   - Asian [ ]
   - African American/Black [ ]
   - Hispanic/Latino/a [ ]
   - Native American [ ]
   - Other [ ]
6. DUI Arrest Details
   - Date of your last arrest: ____________
   - Day of the week you were arrested: [ ] Monday [ ] Tuesday [ ] Wednesday [ ] Thursday [ ] Friday [ ] Saturday [ ] Sunday
   - Time of day you were arrested and your DUI: [ ] Early Morning (12 a.m. - 6 a.m.) [ ] Morning (6:01 a.m. - 9:59 a.m.) [ ] Afternoon (12:01 p.m. - 3:59 p.m.) [ ] Evening (4:01 p.m. - 6:59 p.m.) [ ] Night (7:01 p.m. - midnight)
   - How many times were you arrested? (Please write in all CAPITAL letters) ______________
   - Alcohol only [ ]
   - Drug only [ ]
   - Both alcohol and drug [ ]
   - Marijuana (marijuana) [ ]
   - Prescription medication (prescribed) [ ]
   - Prescription medication (not prescribed) [ ]
   - Prescription medication (not used as prescribed) [ ]
   - Used a prescription medication that was not prescribed to me [ ]
   - Other [ ]
   - Combination of Alcohol and Drugs [ ]
   - Combination of Alcohol and Prescription Medication [ ]

Previous Driving While Impaired
22. In the past year, about how often did you drive while impaired by alcohol and/or drugs?
   - Never [ ]
   - Occasionally (every 3 months) [ ]
   - Occasionally (every 6 months) [ ]
   - Occasionally (every year) [ ]
   - Occasionally (every 3 years) [ ]
   - Occasionally (every 6 years) [ ]
   - Occasionally (every 10 years) [ ]
   - Occasionally (every 20 years) [ ]
   - Occasionally (every 50 years) [ ]

Alcohol Liaison Feedback
23. How is your experience today with the alcohol liaison (the person who gave you this survey)?
   - Poor [ ]
   - Fair [ ]
   - Good [ ]
   - Very Good [ ]
   - Excellent [ ]

If you need help with an addiction and would like help beyond your DUI program you can call Orange County OIC Line at 949-635-4657 for additional programs and resources.

Please return this survey to the Alcohol Liaison - Thank you for your help.

Page 1
Orange County DUI Program Supplemental Survey

Please do not write your name on this survey - the responses from each survey will be combined and will not be linked to a single person. The information you provide can help plan the Orange County impaired driving prevention programs. Please answer each question the best you can.

1. Today’s date: ____________ / ____________ / 2017

2. Current program length:
   ○ 18 month
   ○ Other length

3. Including this time, how many times have you been arrested for a DUI? ____________

4. When did you complete your last DUI program (the time before this DUI):
   How many years ago (please write zero if less than one year)? ____________

5. Which DUI program provider did you attend in the past? (mark all that apply if more than one)
   ○ ABC Program
   ○ Academy of Defensive Driving (AADD)
   ○ Gold Coast Counseling (GCC)
   ○ KC Services (KCS)
   ○ National Council on Alcoholism and Drug Dependence (NCADD)
   ○ National Traffic Safety Institute (NTSI)
   ○ School Ten
   ○ I don’t remember

6. Are you choosing the same DUI program provider as the one you marked above for your current DUI?
   ○ Yes
   ○ No

7. How was your experience with the previous DUI program provider?

Please return this survey to the Alcohol Liaison.
Thank you for your help.
Orange County Circumstances of Last Drink Supplemental Survey

Please do not write your name on this survey. The responses from each survey will be combined and will not be linked to a single person. The information you provide can help plan the Orange County impaired driving prevention programs. Please answer each question the best you can.

Today's Date: __________/________/________

Multiple Arrest Information
1. Including this time, how many times have you been arrested for a DUI?
   - 2
   - 3
   - 4
   - 5
   - 6 or more
2. Were you arrested for the use of the same substance as the previous DUI(s)?
   - Yes
   - No
3. When did you complete your last DUI Program? (the time before this DUI)
   - Less than a year ago
   - 1 year ago
   - 2 years ago
   - 3 years ago
   - 4 years ago
   - 5 or more years ago
4. Which DUI program provider/location did you attend for your last DUI?
   - Previous program was not in Orange County
   - ABC Program - Santa Ana
   - ABC Program - Anaheim
   - Academy of Defensive Driving (ADD) - San Juan Capistrano
   - Academy of Defensive Driving (ADD) - Newport Beach
   - Gold Coast Counseling (GCC) - Costa Mesa (Arroyo)
   - Gold Coast Counseling (GCC) - Costa Mesa (Newport)
   - Gold Coast Counseling (GCC) - Laguna Hills
   - KC Services (KCS) - Garden Grove
   - KC Services (KCS) - Fullerton
   - National Council on Alcoholism and Drug Dependence (NCADD) - Lake Forest
   - National Council on Alcoholism and Drug Dependence (NCADD) - Santa Ana
   - National Traffic Safety Institute (NTSI) - Laguna Hills
   - National Traffic Safety Institute (NTSI) - Santa Ana
   - School Ten - East Anaheim (Orangevale)
   - School Ten - West Anaheim (Gilbert)
   - School Ten - Fountain Valley
   - School Ten - Orange
   - School Ten - Santa Ana
   - School Ten - Westminster
   - Other Program in Orange County not listed:

Please flip over for page 2

5. Are you choosing the same DUI program provider as the one above for your current DUI?
   - Yes
   - No
   - A different program in Orange County
   - No, a program out of Orange County
6. Why are you choosing or not choosing the same DUI program provider?

7. What were some of the positive things specific to your previous DUI program experience?

8. What were some of the negative things specific to your previous DUI program experience?

9. Why do you think you received another DUI? (please mark all that apply)
   - I did not think I was under the influence
   - I had no choice but to drive
   - I am addicted to a substance
   - The program I attended was not effective
     Why do you feel the program was not effective?

Other reason(s) for why you received another DUI:

County of Orange Health Care Agency, Public Health Services (Alcohol and Drug Education and Prevention Team, Health Promotion, Authority, and Quality Improvement Services (DUI and Court Programs) and Office of Quality Management
Rev: 02/2017

Please return this survey to the Alcohol Liaison - Thank you for your help
Survey design

Representative Sample

Who?
- In and out of county DUI program clients
- Clients represented by lawyers
- All four court locations

How many?
- Set a target goal of 70% of all clients
Overall pilot survey response rate.
Overall response rates steadily declined after December.

County goal = 70%

<table>
<thead>
<tr>
<th></th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Jan</th>
<th>Feb</th>
<th>March</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>73%</td>
<td>56%</td>
<td>77%</td>
<td>72%</td>
<td>63%</td>
<td>59%</td>
</tr>
</tbody>
</table>

Quality improvement Project
Approximately 2 out of every 3 DUI Clients completed a survey.

3,622 Total respondents

16% Out of county DUI program respondents
Overall surveillance response rate at time of ask.

County goal = 70%

April: 80%
May: 78%
June: 80%
July: 89%

Including Attorneys

April: 72%
May: 66%
June: 70%
July: 78%

Without Attorneys

April: 80%
May: 78%
June: 80%
July: 89%
Surveillance survey response

Out of every 10 DUI Clients without attorneys have completed a survey.

1,830 Total 1st quarter respondents
Circumstances of Last Drink Survey

Demographic information
Gender of COLD respondents*

- **74.9%** male
- **24.8%** female

*.4% selected “Declined to State” and .0003 selected “Transgender”*
There are more male DUI offenders compared to Orange County’s male population.
Race/Ethnicity of COLD respondents

- Hispanic/Latino(a): 49%
- White/Caucasian: 31%
- Multi-Racial: 8%
- Asian/Pacific Islander: 7%
- African American/Black: 2%
- Other: 2%
- Native American: 1%
There are more Hispanic/Latino(a)’s and Multi-Racial DUI Offenders in county DUI programs compared to Orange County’s overall racial/ethnic population.
There are less White/Caucasian’s and Asian/Pacific Islander DUI Offenders in Orange County DUI programs compared to Orange County’s overall racial/ethnic population.
Circumstances of Last Drink Survey

Impact of respondents’ Behavior onto others
27% of DUI offenders reported being involved in a collision.
Reported having a passenger in their car.

Approximately $\frac{3}{10}$ of DUI offenders.
Circumstances of Last Drink Survey

Respondents’ perception prior to arrest
Likelihood of arrest

- Very Unlikely: 39%
- Unlikely: 37%
- Somewhat Likely: 15%
- Likely: 5%

Approximately 3 out of 4 DUI offenders thought it was unlikely that they would be arrested.
<table>
<thead>
<tr>
<th>Perceived reduction of ability to drive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not at all</td>
</tr>
<tr>
<td>Very little</td>
</tr>
<tr>
<td>Somewhat</td>
</tr>
<tr>
<td>A fair amount</td>
</tr>
<tr>
<td>Very much</td>
</tr>
<tr>
<td>26%</td>
</tr>
<tr>
<td>28%</td>
</tr>
<tr>
<td>23%</td>
</tr>
<tr>
<td>17%</td>
</tr>
<tr>
<td>6%</td>
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</tbody>
</table>
Circumstances of last drink prior to arrest
Day of arrest

46% of arrests took place **Friday** (22%) and **Saturday** (24%)

**Least Frequent** arrest days
Mondays (7%)
Tuesdays (8%)
Wednesdays (9%)
77% of arrests were between the hours of 8:01 p.m. and 6:00 a.m.

*Least Frequent* (4%) time of arrest was between 6:01 a.m. and noon
Substance of impairment

- **89%** Alcohol Only
- **7%** Alcohol and Drug(s)
- **4%** Drug(s) Only

11% involved drug(s)
Of the 11% involving drugs

- Prescription Medication: 5%
- Illegal Drugs: 3%
- Medical Marijuana: 3%
- Recreational Marijuana: 1%
- Other: 1%

65% Used as prescribed
17% Not used as prescribed
18% Not prescribed to me

% do not add up to 11% because some clients selected more than one drug.
Multiple Offender Survey
Multiple Offender Survey

Factors contributing to their DUI re-offense
Less than half completed their program over 5 years ago.
Substance used at the time of arrest

- 86% Same Substance
- 14% Different Substance
Of the alcohol involved DUI's, **52%** of multiple offenders consumed 3 to 6 drinks.
Multiple Offender Survey

Reasons for recurring DUI
Why do you think you received another DUI?

- I did not think I was under the influence: 40%
- I am addicted to a substance: 25%
- I had no choice but to drive: 20%
- The program I previously attended was not effective: 5%

855-OC-Links
(625-4657)
Figure 3. DWI Risk Assessment Domains

Other reasons for DUI arrest

A total of 152 clients left their information on an interest card and were contacted by an OC Links representative.
Multiple Offender Survey

Elicit Feedback about previous DUI Program
DUI program provider enrollment

Approximately 1 out of every 2 multiple offenders were planning on enrolling with the same DUI program provider.
Most of the feedback received was positive.
Other possible uses

Top cities of Last Drink
  • Data driven services

Utilize the demographic information

Raise public awareness
  • Media Campaigns

Impaired driving prevention services
  • Community education
  • Social norm changes
Other possible uses

Work with establishments (Bars, Clubs, or restaurants)
  • Responsible Beverage Service trainings to alcohol serving establishments
    o Technical assistance follow-up
  • Develop profiles of the patterns of DUI offenders
Reported place of last drink

*establishment vs. elsewhere*

- 85% Arrested between 8:01pm - 6:00am
- 77% Unlikely to be arrested
- 22% Ability to drive reduced

Average drinks
Average hours at place of last drink
MO Survey uses

- Share results with the DUI program Providers
- Report results to community stakeholders
- Inform or partner with other efforts to reduce AOD addiction among 1st time DUI offenders
MO Survey uses

• Improve and recognize current DUI program efforts

• Inform factors that can contribute to recidivism rates to inform secondary prevention
Recommendations for implementation

Get to know your agency – develop necessary partnerships

Have a clear purpose

Think about reliability/validity early on in the process
  • Consistent request for survey (survey script)
  • Tracking procedures to avoid duplication

People are typically burdened by surveys
  • Convey how the participants are helping
  • Only ask questions that are “need to know” vs “good to know”
Acknowledgements

- Alcohol Liaison Team
- OC Links Team
- Public Health Services/Behavioral Health Services Management
Questions?

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