

Handouts for Measuring Prescription Drug Misuse in the National Survey on Drug Use and Health

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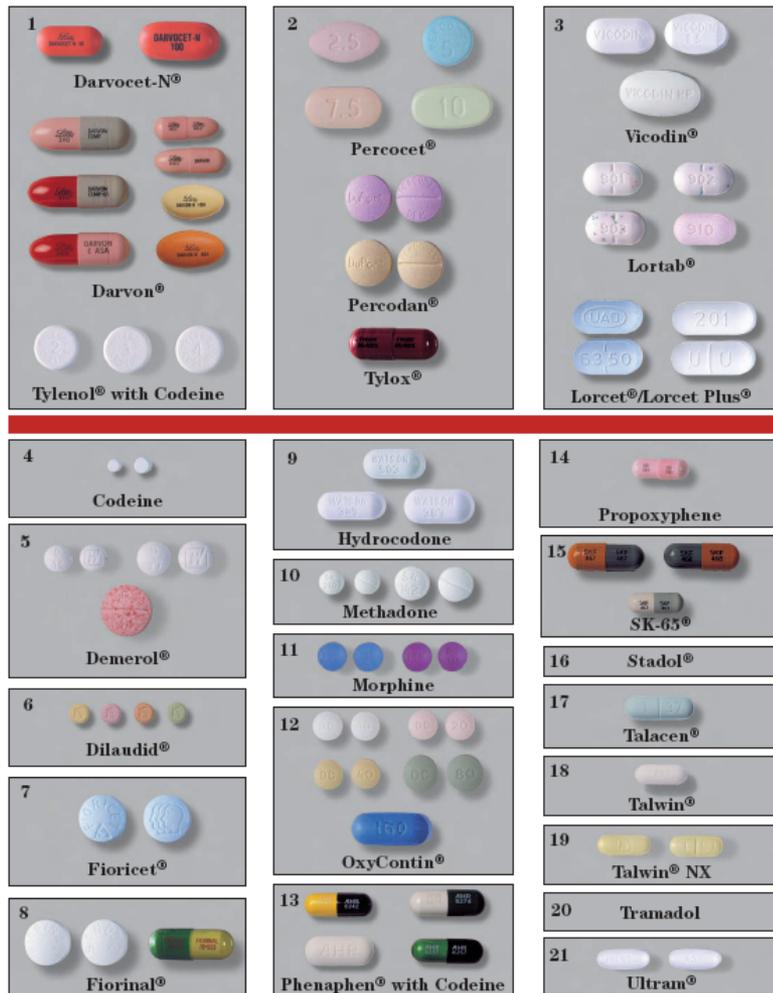
Acknowledgments

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- The views expressed in this presentation do not necessarily reflect the official position or policies of SAMHSA or the U.S. Department of Health and Human Services; nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

Supplemental Information

Example Pill Card for the Current NSDUH Interview*

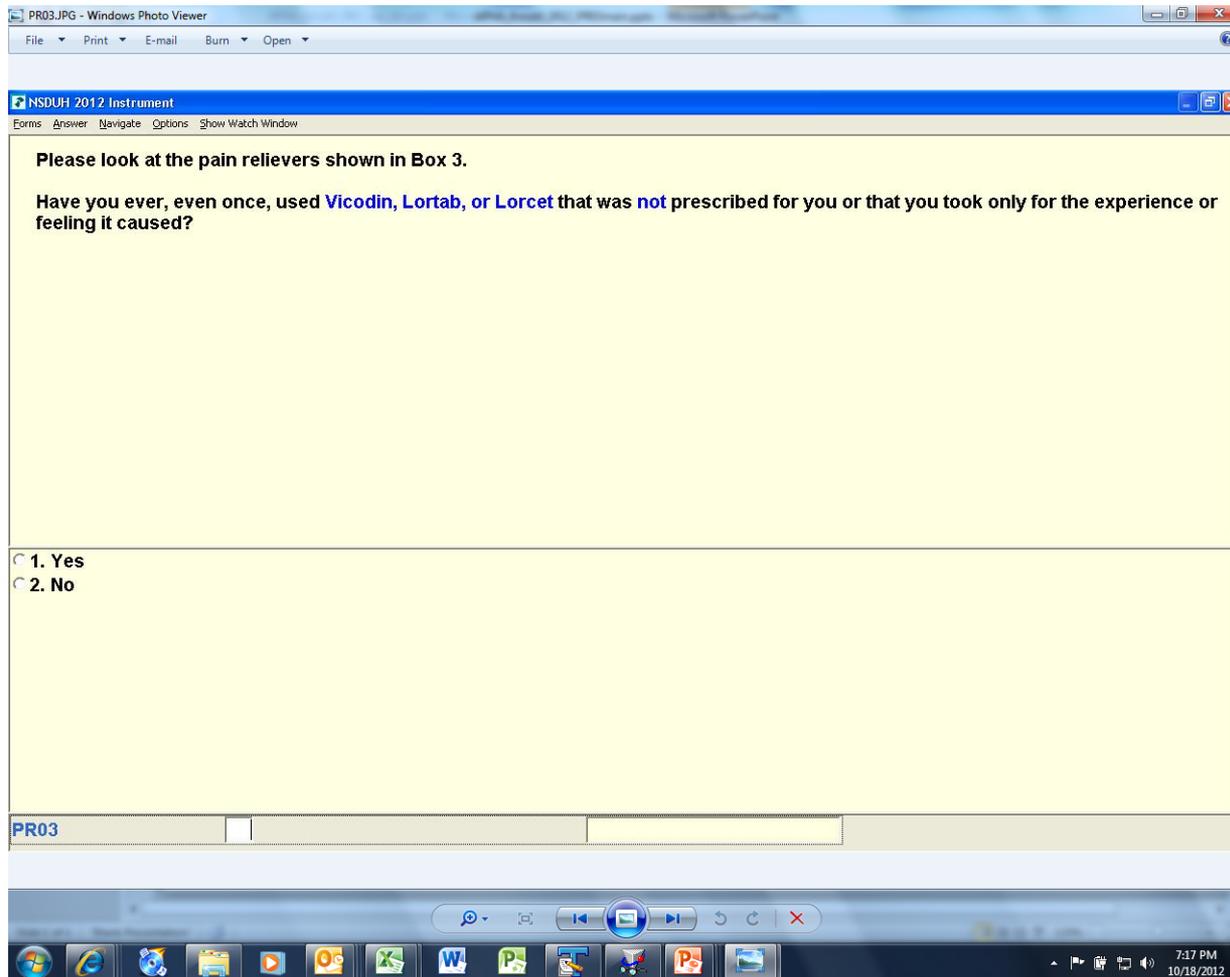
CARD A Pain Relievers



- Drug groups above the thick red line (in color) are asked separately.
- Drug groups below the thick red line (in color) are asked in tandem with follow-up to identify which one(s) were misused.
- Any other drugs in the category are specified by “write-in.”

*Actual size is 8.5 x 11 inches.

Example Pain Reliever Question in the Current NSDUH Instrument

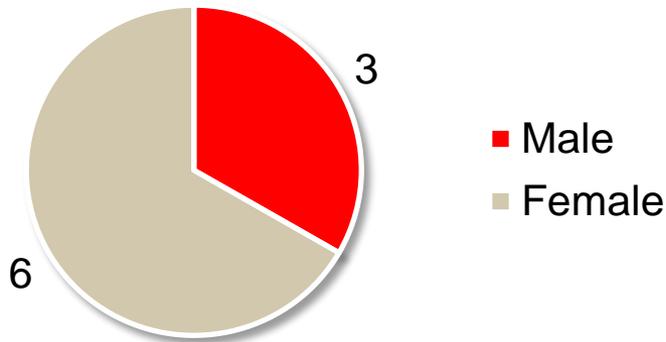


Focus Group Recruitment and Data Collection: April 2009

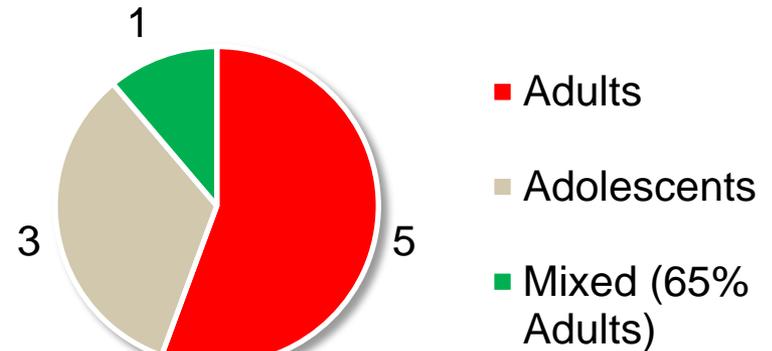
- Substance abuse treatment providers (n=9)
- Raleigh-Durham, NC area
- Mix by gender, certifications, treatment of adults or adolescents
- 90-minute focus group conducted at RTI office in NC
- Moderator and note taker
- Group recorded and observed with participant permission
- \$100 honorarium to participants

Focus Group Participant Characteristics

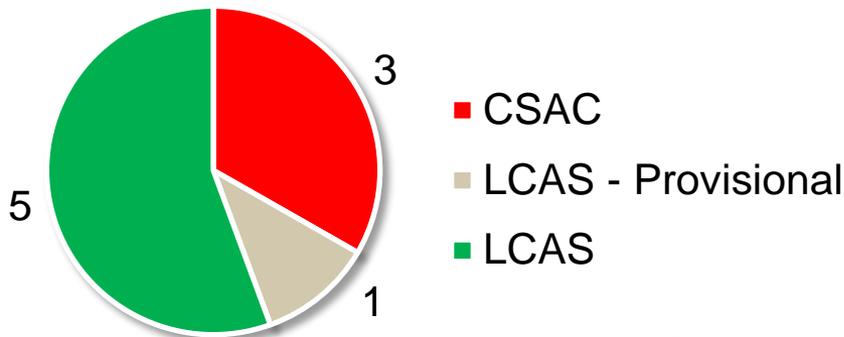
Gender



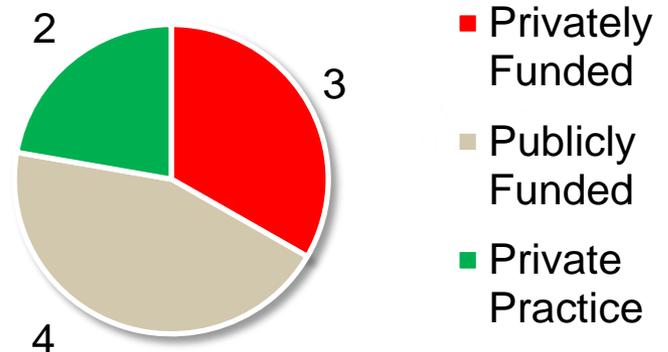
Main Caseload



Credentials



Program Type



CSAC = Certified Substance Abuse Counselor
 LCAS = Licensed Clinical Addictions Specialist

Usability Recruitment and Data Collection: October 2009

- Adult participants (n=8) from Craigslist within 50 miles of RTI
- 5-minute telephone screening interview
 - Demographics
 - Past year use of prescription pain relievers or stimulants
 - Experience with computers
- Interview at RTI: Up to 90 minutes allowed but typically about 1 hour
- Randomized question wordings
- Randomized placement of electronic pill images above or below text
- Hypothetical scenarios: Respondents instructed to answer “as if” they were the person in the scenario
- Feedback sought on preferences for wordings/layouts, any difficulties
- \$60 gift card for completing interview

Usability Question Versions for Misuse

- Please look at the pictures of the pain relievers shown [above/below]. In the **past 12 months**, have you used **any** of these pain relievers in [**either/any**] of these ways?
- Two criterion wording
 - Without a prescription of your own, or
 - Just for the effect it had on you — not for its intended medical use.
- Three-criterion wording
 - Without a prescription of your own,
 - In greater amounts, more often, or longer than you were told to take it, or
 - Just for the effect it had on you — not for its intended medical use.



Please look at the pictures of the pain relievers shown above. In the **past 12 months**, have you used **any** of these pain relievers in **any** of these ways?

- Without a prescription of your own,
- In greater amounts, more often, or longer than you were told to take it, or
- Just for the effect it has on you - not for its intended medical use

Which of these pain relievers did you use in the **past 12 months** in **any** of these ways?

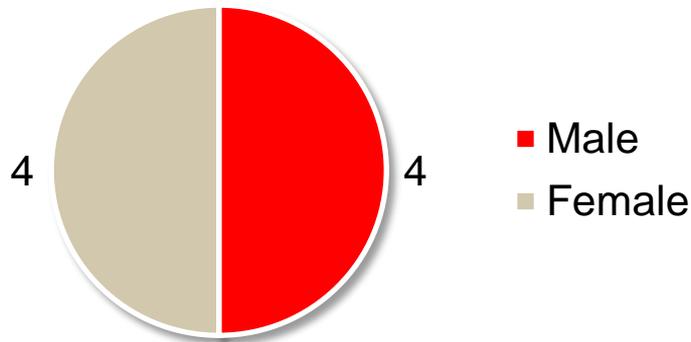
To select more than one drug from the list, press the space bar between each number you have typed. When you have finished, press [ENTER].

- 1. Vicodin
- 2. Lortab
- 3. Lorcet
- 4. Hydrocodone

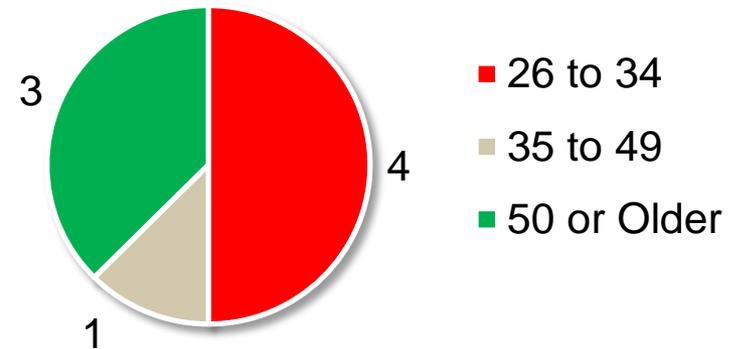
PR01b	1	Yes
PR01b1		

Usability Participant Characteristics

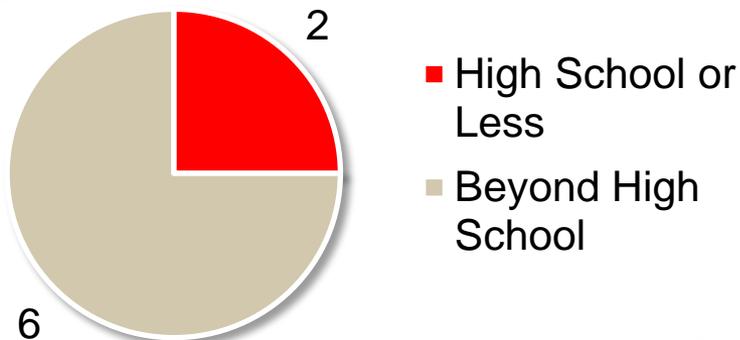
Gender



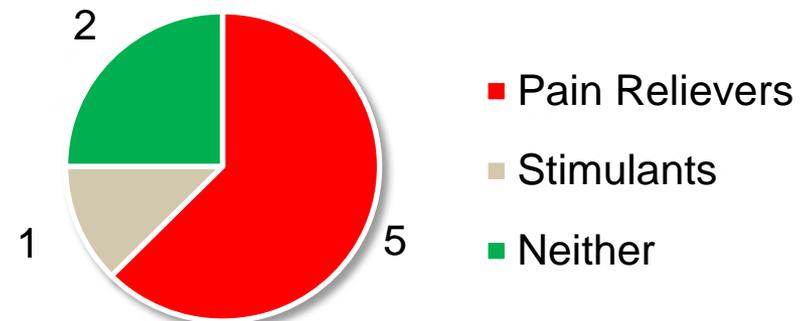
Age



Education



Rx Drugs, Past 12 Months



Usability Participant Experience with Computers

	Number
Computer Use at Home/For Personal Use*	8
Computer Use at Work	
Never	1
Sometimes but Not Every Day	1
Every Day but Not All Day	2
Most Work is On a Computer	4

*All participants recruited online from Craigslist

Additional Usability Testing Highlights

- No major usability issues identified
- Screen layouts were acceptable
 - “Easy to read and understand”
 - “Pictures are helpful, colorful”
 - “So-so”
- No strong preference for image placement relative to text
 - “The placement of pictures is irrelevant.”
 - “Images underneath seem to flow better.”
- No strong preferences for wordings for misuse, but some comments about three-criterion wording
 - Three criterion wording gave more examples
 - Three criterion wording made participant think more

Cognitive Interview Recruitment and Data Collection: 2011 and 2012

- Participants in two “phases” (n=40 in each)
 - Three rounds of interviews in Phase 1; two rounds in Phase 2
 - Chicago, DC, and NC
- Phase 1 (source of findings in presentation)
 - Adults in Round 1; adults and 12-17 year olds otherwise
 - General population participants recruited from Craigslist or flyers
 - Substance abuse treatment clients recruited from flyers in programs
- Phase 2: Adults and adolescents, general population
- 5-minute telephone screening interview
- 1-hour semi-structured interview
 - Phase 1: Focus on pain relievers and stimulants
 - Phase 2: Focus on other sections of interview but continued testing for pain relievers, tranquilizers, stimulants, and sedatives

Cognitive Interview Recruitment and Data Collection *(continued)*

- Permission/consent/assent procedures
 - Signed parental permission required for adolescents
 - Confidentiality assurances provided, including Federal statutory authority
 - ◆ Confidential Information Protection and Statistical Efficiency Act of 2002 (CIPSEA), Title V, Subtitle A, Public Law 107–347
 - Recording/observation by SAMHSA study team member with respondent permission
- Up to 1 hour allowed for introduction, consent/assent, interview, and closeout
- \$40 for adults; \$30 for adolescents (gift cards) upon interview completion

Cognitive Interview Example Probes

- Use of pictures to identify drugs
 - Did you use the pictures on this screen to come up with your answer? (How did you use the pictures?)
 - Thinking about all these questions you just answered about pain relievers/ stimulants, which was more helpful to you when answering these questions, the pictures or the drug names?
- Distinguishing between use as directed and misuse
 - What do you think we are trying to get at when we ask this question (i.e., use in a way a doctor did not direct you to use it)?
 - Could you tell me some more about the last time you used this pill? (How were you using it in a way a doctor didn't direct you to?)
 - Have you taken this drug using a prescription? Tell me about your use of it when you were taking the prescription. [PROBE FOR FALSE NEGATIVES.]
- Identifying how participants misused prescription drugs
 - How did you choose your answer? Why?

For More Information

- Slides for the presentation available through the online program for the 2009 Annual Meeting at www.apha.org
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