KTOS Client Information System

A Collaboration between the Department for Behavioral Health, Developmental and Intellectual Disabilities and the University of Kentucky Center on Drug and Alcohol Research

Revised October 2014





What is the Kentucky Treatment Outcome Study?

KTOS is a research study designed to measure changes for several key risk factors for <u>adults</u> who participate in Kentucky's substance abuse treatment services using an evidence based assessment.

AKTOS is a similar research study designed to measure changes for <u>adolescents</u> who participate in Kentucky's substance abuse treatment services using an evidence based assessment.

Theses studies help to answer key questions posed by legislators, funding agencies, families, and clients on the status of clients 12 months after intake in regards to:

- ✓ Substance use
- Employment
- ✓ Mental health problems
- ✓ Victimization and trauma

- Criminal justice involvement
- ✓ Quality of life
- School attendance and performance
- ✓ Recovery supports

Why are you asked to do this?

- There are increasing demands from federal and state governments for evidence that programs actually achieve desired outcomes.
- Limited and inaccurate information circulates in the media about substance abuse treatment.
- This data collection program will help counteract myths and misinformation. It will provide accurate ways to report Kentucky-specific findings to providers, the public, and to policymakers.

Why do this every year?

- KTOS and AKTOS provide up-to-date regional and state data on substance abuse trends and treatment outcomes.
- Key trends in substance use and policy needs fluctuate annually depending on economic and sociopolitical issues.



Suggested citation: Cole, J., Logan, TK, Miller, J., & Scrivner, A. (2016). Adult Kentucky Treatment Outcome Study Trends in Heroin and Prescription Opiate Use. Lexington, KY: University of Kentucky, Center on Drug and Alcohol Research.

Overdose-Fatality-Report.aspx

Reports and Data Analysis

- Annual reports are provided for the KTOS study with the sample of clients who complete a follow-up interview.
 - AKTOS reports are provided every two years.
- All annual reports, fact sheets, and at-a-glance findings can be downloaded from: <u>http://cdar.uky.edu/bhos</u>.
- Also available from the website are informational materials including:
 - Client Follow-Up Flyer (explaining study to clients)
 - Client consent form
 - Evidence based summary and report
 - PDF-version of intake interview
 - Website training information

Instrument Development

- KTOS and AKTOS are both robust, pragmatic, reliable, and valid evidence-based assessments.
- The instrument is made up of five core components each with strong reliability and validity research support and three supplemental components, most of which have strong reliability and validity research support
 - AKTOS is made up of five core components and two supplemental components
- KTOS and AKTOS focus on dynamic or changeable factors that are sensitive to individual-level change over time allowing recovery outcomes to be measured
- KTOS and AKTOS are appropriate for the context of Kentucky and include measures that consider the unique features of Kentucky and of an adult or adolescent substance abuse treatment population



Although Kentucky is represented in a few national datasets, those national studies do not provide the state, county- and regional-level data and those national surveys do not consider or account for Kentucky's unique cultural context.

Figure 1. Kentucky in Context

The KTOS assessment was originally developed to consider the unique features of Kentucky and has been revised frequently after data analysis and feedback from users and other stakeholders to consider the unique context of Kentucky.

Kentucky ranks among the highest in the nation for drug overdose deaths and smoking:



Kentucky ranks as one of the unhealthiest states in the nation:



Kentucky also ranks as one of the highest in the nation for the number of disability recipients as well as the number of children in poverty:



KTOS Client Information System OVERVIEW

8

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Figure 1. Kentucky in Context

The AKTOS assessment was originally developed to consider the unique features of Kentucky and has been revised frequently after data analysis and feedback from users and other stakeholders to consider the unique context of Kentucky.

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Intake Interview Data: Key Elements

- KTOS takes about 30 mins and
 focuses on five core domains:
 - Substance use
 - Mental health
 - Victimization and Trauma
 - Criminal Justice Involvement
 - Quality of Life
- And three supplemental domains:
 - Health and Stress-Related Health Consequences
 - Economic and Living Circumstances
 - Recovery Supports

- **AKTOS** takes about 30 mins and focuses on five core domains:
- Substance use
- Mental health
- School Attendance and Performance
- Justice System Involvement
- Adverse Childhood Experiences
- And two supplemental domains:
 - Parental Involvement
 - Recovery Supports

Intake Interview Data: Overview

Intake data are **collected once** on each client at the beginning of a NEW treatment episode

Per the Division, intakes should be completed:

- within the first 3 days of admission for inpatient/residential services
- within the first 3 treatment sessions that are used for assessment and treatment planning for outpatient/IOP services
- There is NO compensation and NO research consent forms for *intake interviews* since the interview is considered part of intake into treatment.
- Intake data is considered treatment program data.

Intake Interview Data: Overview

Intake interview data is entered into the Client Information System (CIS) website.

- The CIS is an online secure system that sends the intake information to UK CDAR electronically.
- All responses to the intake interview are separated in the database from client identifiers and are secured and encrypted.

For the research study, the intake interview data is combined with the follow-up data for those clients who complete a followup interview in order to generate the outcomes presented in the reports.

Follow-up Interviews

- At the end of the intake interview, clients are asked to volunteer for the follow-up part of the study which consists of a 15-20 minute telephone interview about 12 months later.
 - This is the "research" part of the study. Client participation is completely voluntary. There is compensation and a consent form for the follow-up interview.
 - Clients give their consent to participate using an electronic consent form on the web survey, which is approved by the UK Medical Institutional Review Board (IRB).
 - Questions on the follow-up survey are very similar to the questions on the intake interview.

Follow-up Interviews

- UK CDAR contacts clients for the "UK Health Follow-up Study" to see how they are doing after treatment.
 - No information is revealed about the client as UK tries to reach individuals for the interview. We do not tell anyone that the client was in treatment. It is just referred to as the UK Health Follow-up Study.
 - Those clients who volunteer and complete the follow-up interview are paid \$20 by check from UK.
- One way to provide information about the follow-up interview to clients is to distribute participant flyers.

Follow-up Interview

- Follow-up interviews are conducted by staff at UK CDAR, who inform clients that they operate independently from the treatment program
 - Lack of affiliation with the interviewers ensures more accurate reporting
- Staff are highly trained and monitored on an ongoing basis by Dr. Logan
- Follow-up study is voluntary but has a high follow-up rate
 - Every client's treatment experience is unique and important to be included in the study, and the interviewers invest substantial time and effort to reach every client who agrees to participate and who was selected for the study
 - Upon making contact with the client, the interviewers will reconsent the client, making sure that they still want to participate in the study

Follow-up Interview Protections

- Confidentiality protections
 - The study is approved by the UK Human Subjects Review Board and the Cabinet for Health and Family Services Human Subjects Review Board
 - All responses to the follow-up interview are separated in the database from client identifiers and are secured and encrypted.
 - A Federal Certificate of Confidentiality ensures identifying information about clients can never be revealed, even under a subpoena. The data are completely anonymous and secure.

Follow-up Consent – Contact Information

- If the client wants to participate in the follow-up it is important to:
 - Accurately record maiden names/nicknames for client as well as an address where they receive mail, a home or cell phone number they can be reached on, and an email address.
 - Accurately record names, addresses, home and cell phone numbers, email addresses, and relationship to client for at least one and preferably two contacts.
 - A female relative usually knows where the client is
 - Be sure to let clients know that contacts are only made with these individuals as a way to locate the client, not to discuss any aspect of the survey or treatment.
- As of 2019, new security questions have been added to allow interviewers to confirm the client's identity multiple ways at follow-up.

KTOS Client Information System (CIS)

KTOS Client Information System Overview

Purpose

 The next group of slides provides an overview of the KTOS Client Information System and the Client Self-Report Substance Abuse Assessment with ASAM Recommended Levels of Care

This PowerPoint will show you:

- how to acquire an ID and password for the Client Information System
- how to enter a KTOS Intake Interview for a client
- how to use features in the KTOS Client Information System
- how to download Client Self-Report Substance Abuse Assessments



- The KTOS Client Information System requires users to have a unique casesensitive ID and password
- To obtain an ID and password, you must contact your Regional Manager, Supervisor or Program Director who is responsible for assignments.
- Once you have your ID and password, you may log on to the system using your assigned ID and password at https://ukcdar.uky.edu/KTOSBaseline/

| Center on Drug and Alcohol Research | | C |
|---|--|---|
| | Enter New Baseline Interview Login | |
| Home / Login | | |
| | Client Self-Report Substance Use Assessment Terms of Use | |
| Username Username cannot be blank. Password Remember Me | By logging on and accessing the Client Self-Report Substance Use Assessment, you agree to the following conditions: You are an authorized user with permission to access and view client files and are bound by your agency's rules regarding protection of personal client information. Though every effort has been made to provide accurate information and suggest appropriate ASAM recommendations, <i>the user is responsible</i> for verifying accuracy and appropriateness of the information in the assessment. You understand that assessments produce an editable word document that can be saved locally on an agency computer, though any edits made locally to the saved document are not saved in the database at CDAR. Information in the assessment was entered by the clinical or staff person interviewing the client at treatment intake. UK CDAR disclaims liability of any kind for quality or fitness for a particular purpose arising out of the use, or inability to use the data | |
| If you forgot your password you can reset it. Login | | |

Terms of Use

By logging into the Client Information System, you agree to the **Terms of Use** for the system. These terms describe who is allowed to use the system and highlight that the ASAM recommendation is based on user entered information.

| | Enter New Baseline Interview Login |
|---|---|
| Home / Login | |
| Login Please fill out the following fields to login: | Client Self-Report Substance Use Assessment Terms of Use |
| Username | By logging on and accessing the Client Self-Report Substance Use Assessment, you agree to the following conditions: |
| | 1. You are an authorized user with permission to access and view client files and are bound by your agency's rules |
| Username cannot be | regarding protection of personal client information. 2 Though every effort has been made to provide accurate information and suggest appropriate ASAM |
| blank. | recommendations, the user is responsible for verifying accuracy and appropriateness of the information in the |
| Password | assessment. 3. You understand that assessments produce an editable word document that can be saved locally on an agency |
| | computer, though any edits made locally to the saved document are not saved in the database at CDAR. |
| Remember Me | 4. Information in the assessment was entered by the clinical or start person interviewing the client at treatment intake. UK CDAR disclaims liability of any kind for quality or fitness for a particular purpose arising out of the use, or |
| If you forget your | inability to use the data. |
| password you can | |
| reset it. | |

Home Screen

After logging in, the Home Screen appears. The Home Screen provides links to useful areas of the website and also provides **notifications and system alerts** on the right-hand side of the page.



Home Screen – New Intake Interview

From the Home Screen, you may enter a new intake interview by clicking on the link Enter a new Intake under "Clients" in the list on the left side of the page.





KTOS Intake Interview

Here you will enter the client information into the KTOS Intake Interview just like you did before.

| Adult Kentuck Outcome Stud | y Treatment y (KTOS) | | Resume later | Exit and clear survey |
|-------------------------------|--|---|--|-----------------------|
| | | Create New Client | | |
| | Counselor, please answer the following questions before program instead. All client information is confidential (with identifiers stored them, and can only be accessed by authorized staff. This i | beginning the interview with the client. If your client is 17 d separately from intake responses), is encrypted (or scra information is used for matching service event data. | ' or younger, please exit and open the Adolescent KTOS mbled) such that only those with a specific key can read | |
| | Client's name: | First Name | Last Name | |
| | | | | |

KTOS Intake Interview

At the conclusion of the interview be sure to click the **Submit** button to record all of the interview responses.

| Adult Kentucky Treatment Outcome Study (KTOS) | | Resume later | Exit and clear survey |
|--|--|--------------|-----------------------|
| | Thank you | | |
| | Please click on the "Submit" button to record your answers | | |
| | Previous Submit | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

24

KTOS Intake Interview

Once you complete a KTOS Intake Interview, you can click on the Home link that appears on the final submission screen to return you to the Home Screen. You may also immediately request the narrative report for the client or enter another intake interview from this screen.



Home Screen

From the Home Screen you can also access the Client List. The client list is also called **Completed Intakes** and will show you a list of those clients for whom you have completed an intake interview.





Project Resources

- PDF Intake Interview
- Printable Consent Form
- KTOS Project Web Site

26

Home Screen - Client List

From the Client List (or Completed Intakes) screen, you can see each client that has completed an intake interview.



Home Screen – Incomplete Intakes

A feature of the KTOS Client Information System is the Incomplete Intakes screen. This list will show you those interviews that you chose to "Resume Later."



Clients

- Completed Intakes
 - Incomplete Intakes
 - Enter a New Intake

Project Resources

- PDF Intake Interview
- Printable Consent Form
- KTOS Project Web Site



Resuming an Interview Later

At the top-right of each interview question page, you will see a button called **Resume later**. Clicking this button will save all of the interview responses up to that point and place the client on the "Incomplete Intakes" screen.

You may return to an incomplete intake and complete it within 14 days of when you chose to resume later. After 14 days, the interview will not appear on the Incomplete Intakes screen anymore, and you will need to begin the interview from the beginning with the client.

| Adult Kentucky Treatment Outcome Study (KTOS) | | Resume later | Exit and clear survey |
|---|---|--|-----------------------|
| | Create New Client | | |
| Counselor, please answer the following que program instead. All client information is confidential (with id them, and can only be accessed by authoriz | stions before beginning the interview with the client. If your client is 17 entifiers stored separately from intake responses), is encrypted (or scra ed staff. This information is used for matching service event data. | r or younger, please exit and open the Adolescent KTOS mbled) such that only those with a specific key can read | |
| Client's name: | First Name | Loct Name | |
| | | | |

Resuming an Interview Later

After clicking the "Resume later" button, you will see the "Intake Saved" screen, which will indicate that the interview was saved on the "Incomplete Intakes" screen. Again, the interview will only be saved for 14 days from the day you chose to resume later.



Resuming an Interview Later

To resume the interview within 14 days, go to the Incomplete Intakes screen, locate the client, and then click **Resume** in the far-right column of the client list.

The interview will begin from the page where you left off.

Once the interview is completed, the client will now be listed on the "Completed Intakes" screen.

| Center Alcoho | r on Drug a ol Research | nd | | | | | Ó |
|------------------|---|--|--|-----------|-----------------|--------------------|---|
| | | | | | Home Actions - | Logout (jaimetest) | |
| | Home / Incomplete | Intakes | | | | | |
| | Incomple | te Intakes | ; | | | | |
| | In any of the filter fields Erasing the text in the fi Type in multiple fields an | below, type in a whole or eld and hitting ENTER w nd hit ENTER for an adva | r partial value and hit ENTER to search. ill reset the search. anced search. | | | | |
| | Complete Intakes | 15 | | | | | |
| | Record Time | First Name | Last Name | SSN | Organization | Resume Intake | |
| | | | | | • | | |
| | 2019-07-18 13:39:11 | Updates | Test | 000557777 | Practice Region | Resume | |

Home Screen - Client List

Also from the Client List screen, you can access the **narrative report** for each client that has completed an intake interview. Clicking this link will send a request to the system to generate that client's Self-Report Substance Abuse Assessment based on the client's KTOS interview responses.



Home Actions - Logout (jaimetest)

Home / Complete Intakes

Complete Intakes

In any of the filter fields below, type in a whole or partial value and hit ENTER to search. Erasing the text in the field and hitting ENTER will reset the search. Type in multiple fields and hit ENTER for an advanced search.

Incomplete Intakes

Showing 1-20 of 32 items.

| Record Time | First Name | Last Name | SSN | Organization | Reports | |
|---------------------|------------|-----------|-----------|-------------------|------------------|--|
| | | | | Practice Region • | | |
| 2019-07-11 11:18:01 | Ashley | | | Practice Region | Narrative Report | |
| 2018-05-18 14:04:32 | Update | Test | 000337777 | Practice Region | Narrative Report | |
| 2018-04-30 12:59:24 | Compairson | Test | 333557777 | Practice Region | Narrative Report | |

Generating the Report

Once you select the report link, the Client Self-Report Substance Abuse Assessment will be requested from the system. For security purposes, each report is generated upon request, thus it can take up to 5 minutes to generate the report. On average it takes around 1 minute for the report to be generated.



Saving the Client Self-Report Substance Abuse Assessment

After the report generation has completed, a link will appear titled **KTOS Baseline Narrative Report**. To save this file to your computer, right click on the link "Save link as..." or "Save target as..." and select a location on your computer to save the file.



Report Timing Out

For security and confidentiality reasons, the Client Self-Report Substance Abuse Assessment report is only available to download for 10 minutes. If you do not download and save it within 10 minutes of creating the report, you will need to go back through the process to **request and generate the report** again.



36

Locating a Client - Searching

Clients are listed in order by most recent intake interview date to oldest intake interview date.

To search for a specific client, you can enter first name, last name, or SSN into the white boxes below each of the column names. Type some or all of the information that you know into the box for the column that you're searching and then press the ENTER key or click out of the white box to run the search.



Program Management Elements

Program Manager Options – Home Screen

•When you log in as Program Manager, the home screen displays the same way it does for clinicians.

•You can perform the same functions from the client lists as described in the training for clinicians.

•In addition, there are several administrative functions which can be accessed and performed from this screen.



User Management

•Clicking on the Actions tab at the top of the screen brings down a list of options.

•Clicking on User Management brings up a screen of authorized users for the site. The list includes all clinicians and administrators.

•From here, you can view, edit, and add authorized users for the system.



User Management – Create New Users

•When you click on Create User from the User Management screen, you will see the screen below. You must fill out all fields completely and then click on Create to add the new user.

•User name should be First Initial and Last name with no spaces, and passwords should be at least 8 characters with some mixture of capital and lower case letters (they are case sensitive!). We highly recommend using a random password generator for maximum security. www.freepasswordgenerator.com is a reliable

| | | Home Actions - Logout (jaimetest) |
|------------------|----------------------------|--|
| | Home / Users / Create User | |
| | Create User | Operations |
| | Username | Manage Users |
| | | |
| | Firstname | - Password must contain at least 8 characters |
| | Lastname | - Password may NOT exceed 40 characters - Password may NOT include spaces |
| | | - Password musi contain a letter, a number, and a special character (#'',@('\$',!''.*') |
| 122112 122112 | Email | - Password may NOT have more than two identical characters a row |
| | Password | To automatically generate a password |
| | Repeat Password | "Generate button below. This will generate a new password for you that |
| | | meets our requirements, and automatically copy it over into the "Password" and "Password Repeat" |
| | Organization | fields. The password will be displayed |
| | 1: Four Rivers | v |

User Management – Deleting Users

•To delete a current user (as in the case of a staff resignation), locate the desired clinician from the user list displayed under the **User Management** tab and click on the **Delete** icon (small trashcan icon shown below)

•The system will <u>NOT</u> ask if you are sure you want to delete the user so be sure you are deleting the correct user before clicking.

| f 22 items. | | | | | | |
|-------------|----------------|-------------------|----------------|-----------|--------|---------|
| Lastname | Username | Email | Organization | Role | Status | Actio |
| | test | | • | | • | |
| Test | stateadmintest | test@me.com | No Region | Authority | Active | |
| User 2 | testuser2 | testuser2@uky.edu | 1: Four Rivers | Clinician | Active | ◈╱┇╏ |
| User 1 | testbg1 | testuser4@uky.edu | 15: Bluegrass | Clinician | Active | • 🖍 💼 🖬 |

41

Mid-Level Reporting

View Mid-Level Reports to see summary counts of all completed intakes and the number of clients who have agreed to be contacted for the follow-up. You can specify certain date ranges or select the last 30, 90 or 180 days using the **pre-set buttons**.



| | | | Home | Actions - | Logout (jaimetest) |
|---------------------------------------|---|--------------------|---------------------|-----------|--------------------|
| | Home / Mid Level Reports | | | | |
| | Mid Level Reports | | | | |
| | Start Date Image: Contract of the start of the sta | | | | |
| | End Date 2019-07-18 | | | | |
| | Search Date Range Last 30 days Last 90 days L | ast 180 days Reset | | | |
| , , , , , , , , , , , , , , , , , , , | Organization Name | Completed Intakes | Agreed to Follow Up | | |

Questions? Need more help?

Contact us and we'll be glad to help you!

KTOS Technical Questions

Jeb Messer 859-257-1400 or jeb.messer@uky.edu

Programmatic or KTOS Questions

TK Logan 859-257-8248 or tklogan@uky.edu

Need a unique log-on ID and/or password

 Contact your administrator, regional supervisor or Program Director

> Web address for KTOS Client Information System https://ukcdar.uky.edu/KTOSBaseline