

## What Evaluators Need to Know to use the Static-99R and Static-2002R

### Static-99R

- Age item has changed but the rest of the items remain the same
- Age at Release? (Score range is -3 to 1)
  - Aged 18 to 35.9 1 point
  - Aged 35 to 39.9 0 points
  - Aged 40 to 59.9 -1 points
  - Aged 60 and older -3 points

### New 2009 Norms

- Reporting sex offender risk using the new 2009 norms
- Report relative risk
  - Percentiles
  - Risk ratio
  - Risk level
- Report absolute risk

### Step 1: Relative Risk: Percentiles

- Percentiles
  - A percentile is the value of a variable below which a certain percent of observations fall.
- Static-99R, 8 samples, n=4,040 (see page 20 workbook)
- Static-2002R, 3 samples, n=1458 (see page 21 workbook)

### Percentiles

- Example low relative risk Static-99R (score 2)
  - Compared to other adult male sex offenders, Mr. X's score falls into the 39.7-54.4 percentile. This percentile means that 39.7 to 54.4 % of sex offender scored at or below Mr. X's score. Conversely 45.6 to 60.3% of sex offenders scored higher.
- Example high relative risk Static-99R (score of 7)
  - Compared to other adult male sex offenders, Mr. X's score falls into the 94.9 to 97.8 percentile. This percentile means that 94.9 to 97.8 of sex offender scored at or below Mr. X's score. Conversely 2.2 to 5.1% of sex offenders scored higher.

### Step 2: Relative Risk Ratio

- Static-99R, 22 samples, n=8,047
- Static-2002R, 7 samples, n=2,610
- Definition
  - What is the likelihood of an individual sex offender to reoffend compared to the typical sex offender?

## Relative Risk Ratio

- Example low risk ratio Static-99R (score of 0)
  - The recidivism rate of sex offenders with the same score as Mr. X would be expected to be approximately three-fifths of the typical sex offender (defined as a median score of 2)
- Example high risk ratio Static-99R (score of 6)
  - The recidivism rate of sex offenders with the same score as Mr. X would be expected to be approximately three times higher than the typical sex offender (defined as a median score of 2)

## Step 3: Risk Level

- Static-99R
  - Low
  - Low-Moderate
  - Moderate-High
  - High
- Static-2002R
  - Low
  - Low-Moderate
  - Moderate
  - Moderate-High
  - High

## Step 4: Absolute Risk

- Use if needed (SVP)
- Many cases only relative risk is relevant
  - Offenders in the top 25 percentile will receive intensive treatment
  - Offenders in the top 15 percentile will be placed on intensive supervision case loads

## Static-99R Norms 2009

- 4 sample types
  - Routine Correctional
  - Pre-Selected Treatment Needs
  - Pre-Selected High-risk/Needs
  - Non-Routine Correctional

## Routine Correctional Samples

- 5 year estimates only
- 8 samples of routine correctional sex offenders from Canada, the United States, England, Austria and Sweden.
- n=2406
- No screening procedures on risk or need factors.
- No pre-selection for treatment, psychiatric admission or treatment or exceptional measures related to dangerousness.
- Roughly representative of all adjudicated sex offenders.

## Pre-selected for Treatment Need

- 5 years: K=11 n=1642
- 10 years: K=6 n=866
- Offenders referred for sex offender specific treatment during the current incarceration or a prior incarceration.
- If offender is selected for treatment but does not receive it due to bed shortages he would still be considered pre-selected for treatment.
- It is the *selection* that defines this sample not participation in treatment.

## Pre-selected for Treatment Need

- Includes referral for community sex offender treatment
- Not considered:
  - Quality of the program
  - Jurisdiction of the program
  - Program structure (length or content)
  - Participation in or completion of the program. These factors would be an external factor to be taken into account by an evaluator.

## Pre-selected for Treatment Need

- Current samples were pre-selected for treatment need, were selected during their current incarceration
- If offender was selected for treatment in a prior incarceration, if they were identified as having treatment needs
- Treatment programs only for general criminogenic needs may be applied to this sample type but it would be based on inferences not empirical data

## Pre-Selected for High-Risk/Need

- 5 year: k=6 n=1,313
- 10 year: k=5 n=722
- A small subgroup of offenders selected on the basis of risk and need factors external to the Static-99R.
- Referred for services at forensic psychiatric facilities such as offenders referred as Mentally Disorder Sex Offenders, or treatment of a mental disorder (sexual or otherwise).

## Pre-Selected High-Risk/Need

- Offenders referred to intensive treatment programs for the highest risk offenders
  - Sexually Violent Predators/Sexually Dangerous Persons
  - Incompetent to Stand Trial
  - Not Guilty by Reason of Insanity
- Offenders identified as high risk through a quasi-judicial or administrative process resulting in extended detention for dangerousness (e.g., preventative or indefinite detention, treatment orders, denial of statutory release).

## Non-Routine

- 5 years: k=15 n=3,354
- 10 years: k=11 n=1,642
- All Non-Routine samples combined plus
  - Saum (2007)
  - Cortoni & Nunes (2007)
  - Hill et al. (2008)
- Have some treatment needs, but insufficient evidence to determine whether the concentration of external risk factors is high as in preselected for high-risk/need.

## Non-Routine

- Consider the presence of treatment needs
  - Is it more than typical routine sample?
  - Insufficient evidence to use high-risk/need sample?
- Examples
  - Many prison misconducts (sexual or otherwise)
  - Lack of compliance with supervision (parole or probation violations)
  - Referral to psychiatric clinic but unsure why
  - Drop out of treatment program

## Selecting a Sample

- Ideally use local norms
- Most cases will use routine correctional sample
- Use of one sample for community release (parole or probation) default to routine sample
- If use preselected norms must justify reason for use

## Case Examples

### Mr. Jones

- Mr. Jones, 32 years of age was convicted of fondling the genitals of a 7-year-old girl in his Sunday school class. He has no prior criminal history. He served 4 years in prison and was never referred to treatment and is being released to probation where he will receive outpatient treatment.

Static-99R=	3	Moderate-low risk
Static-2002R=	2	Low risk

### Mr. Jones Static-99R

Sample:	Routine
Percentile:	54.4-69.3 scored at or below 30.7-45.6 scored above
Risk Ratio:	1.3 times higher
Absolute Risk:	
5 year	6.6% (CI 4.6 - 9.6)
10 year	None

### Mr. Jones Static-2002R

Sample:	Routine
Percentiles:	23.5-33.1 scored at or below 66.9-76.4 scored above
Risk Ratio:	2/3rds as likely to recidivate
Absolute Risk:	
5 years	2.2% (CI .08-5.7)
10 years	None

### Mr. Smith

- Mr. Smith is a 46-year-old offender who has twice been convicted of molesting neighborhood boys, in 1989 and 1998 . He served two prison terms and during his most recent term he participated in sex offender treatment. His treatment progress was excellent and he will continue in sex offender treatment in the community

Static-99R=	5	Medium-High
Static-2002R=	5	Moderate

### Mr. Smith Static-99R

Sample: Pre-selected treatment need  
Percentiles: 81.4-89.7 scored at or below  
10.3-18.6 scored above  
Risk Ratio: 2.2 times higher  
Absolute Risk:  
5 years 15.9 (CI 13.8-18.1)  
10 years 22.6 (CI 19.2-26.4)

### Mr. Smith Static-2002R

Sample: Non-routine  
Percentiles: 58-70.6 scored at or below  
29.4-42 scored above  
Risk Ratio: 1.2 times higher  
Absolute Risk:  
- 5 years 15.4 (CI 12-19.6)  
- 10 years 23.9 (CI 18.4-30.4)

### Mr. North

- Mr. North is 63 years old with a lengthy criminal history since age 14. He has committed property crimes, drug offenses, non-sexual violence and 3 sexual assaults against adult women. He was in sex offender treatment in the 197's at the state hospital sexual psychopath program. He was found unamenable to treatment and sent to DOC. He has reoffended sexually since then.

Static-99R= 9 High  
Static-2002R= 7 Moderate-high

### Mr. North Static-99R

Sample: Pre-selected high-risk/need  
Percentile: 99.1-99.7 scored at or below  
.03-.09 scored above  
Risk Ratio: 6.5 times higher  
Absolute Risk:  
5 years 52.4 (CI 45.9-58.8)  
10 years 61.9 (CI 52.2-70.7)

### Mr. North Static-2002R

Sample: Pre-selected high-risk/need  
Percentile: 82.1-89.9 scored at or below  
10.1-17.9 scored above  
Risk Ratio: Approximately twice as likely to recidivate  
Absolute Risk:  
5 years 26.3% (CI 20.4-33.3)  
10 years 36.0% (CI 26.1-47.4)

### Mr. Schwartz

- Mr. Schwartz has four sexual sentencing occasions for molesting boys and girls. In 1998 he was referred to treatment in prison but refused to attend. He was found by two evaluators to meet the criteria as a sexually violent predator and is waiting trial.

Static99-R= 8  
Static2002-R= 9

### Mr. Schwartz Static-99R

Sample: Pre-selected high-risk/need  
Percentile: 97.8-99.1 scored at or below  
.09-2.2 scored above  
Risk Ratio: 5 times higher  
Absolute Risk  
5 years 45.0% (CI 39.3-50.8)  
10 years 55.3% (CI 46.8-63.6)

### Mr. Schwartz Static-2002R

Sample: Pre-selected high-risk/need  
Percentile: 97.8-99.1 scored at or below  
.09-2.2 scored above  
Risk Ratio 2.8 times higher  
Absolute Risk  
5 years 45.0% (CI 39.3-50.8)  
10 years 55.3% (CI 46.8-63.6)

### Mr. Arnold

- Mr. Arnold, 27 years of age was convicted of rape in 1995 and child molest in 2002. He has had some childhood misbehavior but nothing that required juvenile detention. He was not referred to treatment because when interviewed he would not admit his sexual offense.

Static-99R= 3  
Static-2002R= 4

### Mr. Arnold Static-99R

Sample: Routine  
Percentiles: 54.4-69.3 scored at or below  
30.7-45.6 scored above  
Risk Ratio: 1.3 times higher  
Absolute Risk:  
5 year 6.6% (CI 4.6-9.6)  
10 year None

### Mr. Arnold Static-2002R

Sample: Routine  
Percentiles: 44.9-58.0 scored at or below  
42.0-55.1 scored above  
Risk Ratio: Equal to the typical recidivist  
Absolute Risk:  
5 year 3.5% (CI 1.4-8.2)  
10 year None

### Mr. Sam

- Mr. Sam was drinking late at night in a park and got into a verbal altercation with a female acquaintance. As she was leaving Mr. Sam pulled down his pants and made an offensive remark concerning fellatio, resulting in a conviction of Gross Indecency (Exhibitionism). Although he has extensive convictions for drunk and disorderly and theft, this is his first sexual conviction. He was referred for assessment to determine whether he needed sexual offender treatment.

Static-99R= 2  
Static-2002R= 1

### Mr. Sam Static-99R

Sample: Routine  
Percentiles: 39.7-54.4 scored at or below  
45.6-60.3 scored above  
Risk Ratio: Equal to the typical recidivist  
Absolute Risk:  
5 year 5.0% (CI 3.4-7.4)  
10 year None

### Mr. Sam Static-2002R

Sample: Routine  
Percentiles: 13.9-23.5 scored at or below  
76.4-86.1 scored above  
Risk Ratio: Half as high  
Absolute Risk:  
5 year 1.7% (CI 0.6-4.7)  
10 year None

### Mr. Middle

- Mr. Middle has two prior convictions for a sexual offense, and has never been assessed nor offered treatment, as there are no such services provided in his state. He is referred for assessment because of repeated complaints of exhibitionism toward female custody officers.

Static-99R= 6  
Static-2002= 8

### Mr. Middle Static-99R

Sample: Non-routine  
Percentiles: 89.7-94.9 scored at or below  
5.1-10.3 scored above  
Risk Ratio: 2.9 times higher  
Absolute Risk:  
5 year 24.7% (CI 19.6-30.7)  
10 year 33.4% (CI 28.2-39.2)

### Mr. Middle Static-2002R

Sample: Non-routine  
Percentiles: 89.9-94.5 scored at or below  
5.5-10.1 scored above  
Risk Ratio: 2.3 times higher  
Absolute Risk:  
5 year 27% (CI 20.2-35.0)  
10 year 38% (CI 26.6-50.8)

### Contact Information

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All handouts can be downloaded on my website within the week.

**www.amyphenix.com**