# What Do We Know About Sexual Offending and Sex Offender Management and Treatment? Incidence and Prevalence and Adult Etiology

March 30, 2015 2:00-3:30 pm ET

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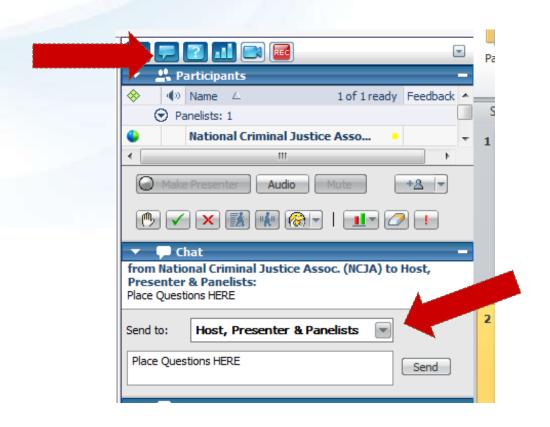
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#### Presenters

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- Sexual offenders and the crimes they commit have received considerable attention from policymakers, practitioners and the public in recent years.
- Widespread recognition that crime control strategies, including those targeting sexual offenders, are more likely to be effective when based on scientific evidence.





- Since 1996, OJP has sponsored more than 100 research projects, publications, and training curricula related to sexual assault and sex offender management.
- Grant programs have provided funds to approx. 200 state, local, and tribal jurisdictions to enhance sex offender management.
- Sex Offender Sentencing, Monitoring, Apprehending, Registering, and Tracking (SMART) Office:
  - > Established in 2006.
  - Provides assistance to criminal justice professionals around the entire spectrum of sex offender management activities.





- Goal is to identify research-supported programs for replication across the U.S.
  - Inform OJP funding decisions concerning sex offender programming and research
- Assess the state of research and practice of sex offender management.
  - Work conducted by subject-matter experts through NCJA
- Review of the literature on sexual offending and sex offender management.
- National inventory of sex offender management professionals.
- 2012 Discussion Forum involving national experts.



#### SMART Office Sex Offender Management Assessment and Planning Initiative

#### Literature reviews on 8 adult and 5 juvenile topics

\*Important to distinguish between adults and juveniles\*

#### **Adult Topics**

Incidence and prevalence
Etiology
Typologies
Risk assessment
Recidivism
Internet offending
Treatment effectiveness
Management strategies

#### **Juvenile Topics**

Etiology/typologies
Risk assessment
Recidivism
Treatment effectiveness
Registration and notification



#### SMART Office Sex Offender Management Assessment and Planning Initiative

#### Key products:

- Summaries of the research available online at: <a href="http://www.smart.gov/SOMAPI/index.html">http://www.smart.gov/SOMAPI/index.html</a>
- > Findings, policy implications, future research needs
- Research briefs
- Targeted conference presentations
- Webinars



#### **Literature Review Methods**

- Source materials identified using abstract databases, internet searches, outreach to relevant organizations and subject matter experts.
- Primarily studies conducted within the past 15 years.
- Emphasis on individual studies that employed scientifically rigorous methods, as well as on synthesis studies — such as systematic reviews and meta-analyses.



Part One

#### INCIDENCE AND PREVALENCE OF SEXUAL OFFENDING

Original literature review conducted by Jane Wiseman, M.P.P., Consultant



### How Many Sex Offenses are Committed Each Year?

- Difficult to estimate.
- Low levels of reporting.
- Not typically observed by others.



#### **Despite These Limitations...**

- Statistics on incidence and prevalence of sex crimes.
- Trend data.
- Important information for policymakers and practitioners.



Incidence and Prevalence of Sexual Offending

#### SUMMARY OF RESEARCH FINDINGS





- No single definition of sexual offending.
- Even national data subject to differences in law enforcement criteria to classify a crime.
- Comparison difficult due to:
  - Different reference periods; and
  - Different length of study (Lifetime vs. annual).



#### Uniform Crime Report (UCR)

- FBI compiles data submitted by law enforcement nationwide.
- 88,097 forcible rapes in 2009 (28.7 crimes per 100,000 persons in U.S.)<sup>1</sup>
- Strength: consistently collected nationally.
- Weakness: only records reported sex crimes.





- Nationally representative sample of 42,000 households every 3 years.
- Only those over age 12.
- All crime types including rape and sex assault
- 243,800 rape/sex assault victimizations in 2011 in the U.S. (0.9 victimizations per 1,000 persons age 12 and older).<sup>2</sup>



## National Crime Victimization Survey (NCVS)

- Strengths:
  - Measures unreported victimization in addition to those reported to police.
  - Collected and reported annually.
- Weakness:
  - May not report crime they don't view as a crime.





- Sponsored by National Institute of Justice (NIJ) and Center for Disease Control and Prevention (CDC).
- Nationally representative sample of 8,000 men and 8,000 women ages 18+.
- Surveyed between November 1995-May 1996.



## National Violence Against Women Survey (NVAWS)

- 17.6% of women and 0.3% of men had been the victim of rape in their lifetime.
- Estimate 18 million women and almost 3 million men in the U.S. have been raped.<sup>3</sup>
- Strengths:
  - Nationally representative sample of men & women.
  - > Asked series of questions rather than YES/NO.
- Weakness:
  - Nearly 20 years old.





- Annual counts of incidents of child sex abuse from Child Protective Services since 1992.
- 2009: 66,000 child victims of sex assault<sup>4</sup>
- Strength: all states participating.
- Weakness: may not include sex abuse by a non-family member or non-caretaker.





- Survey of households, juvenile residential facilities and law enforcement.
- Phone surveys in 1999.
- 285,400 children were victims of sex assault (4.1 per 1,000 children).<sup>5</sup>
- Strength: large probability sample using same questions as NCVS.
- Weakness: not conducted annually -- 1988 and 1999 only.

#### **Trend Data**



- Sex assault rates, like other crime types, have substantially declined over the past 10-20 years.
- UCR rates of forcible rape down 14%.
  - > 2009 88,097
  - 1990 102,555
- Rate of rape reports to police also down 30% (41.1 to 28.7 per 100,000 residents).<sup>6</sup>
- NCSV rates of rape/sex assault down more than 30% over 9 years:
  - > 2011 243,800
  - > 2002 349,810.<sup>7</sup>





- Various methods to obtain data on incidence and prevalence of sex assault.
- Data limited by lack of reporting.
- Lack of precision in methods.
- Importance of information to policymakers and practitioners.





- NCVS data: 1 in 4 rapes/sexual assaults reported to police over past 15 years.<sup>8</sup>
- NVAWS: 19% of female and 13% of male rape victims reported to police.<sup>9</sup>
- Likelihood of reporting decreases with the victim's age.<sup>10</sup>
- NWS: 84% of victims did not report to police:
  - 12% of victims reported within 24 hours;
  - 4% after 24 hours.<sup>11</sup>



Incidence and Prevalence of Sexual Offending

## RESEARCH LIMITATIONS AND FUTURE NEEDS



#### Research Limitations

- Need to develop standard definition of sex crimes.
- Need to facilitate disclosure victims may otherwise choose not to discuss.
- Problem of under-reporting.
- Victim perception of the crime.
- Wording of the questions.
- Prevention of sexual abuse needs study.
- Vulnerable populations.



Incidence and Prevalence of Sexual Offending

## CONCLUSIONS AND POLICY IMPLICATIONS



#### **Conclusions**

- Incidence of sexual offending may be declining
- Policymakers should monitor key indicators and work with researchers to better understand data
- Need improved and expanded data with enhanced comparability
- Learn more about under-reporting and provide supportive environment for victim reporting
- Policies must acknowledge existence of unidentified sex offenders, and limitations of sex offender management strategies





- <sup>1</sup> Federal Bureau of Investigation (FBI) (2009a)
- <sup>2</sup> Truman & Planty (2012)
- <sup>3</sup> Tjaden & Thoennes (2006)
- <sup>4</sup> U.S. Department of Health and Human Services, Administration for Children and Families, Administration on Children, Youth and Families, Children's Bureau (2010)
- <sup>5</sup> Finkelhor, Hammer, & Sedlak (2008)
- <sup>6</sup> Federal Bureau of Investigation (FBI) (2009a)
- <sup>7</sup> Rennison (2000); Truman & Planty (2012)
- <sup>8</sup> Bachman (1998); Truman & Planty (2012)
- <sup>9</sup> Tjaden & Thoennes (2006)
- <sup>10</sup> Kilpatrick, Saunders, & Smith (2003)
- <sup>11</sup> National Victim Center and Crime Victims Research and Treatment Center (NVC & CVRATC) (1992)

#### References

- Bachman, R. (1998). Factors related to rape reporting behavior and arrest: new evidence from the National Crime Victimization Survey. *Criminal Justice and Behavior*, *25*(1), 8-29.
- Federal Bureau of Investigation (2009a). Crime in the United States, 2009. U.S. Department of Justice, Federal Bureau of Investigation, Criminal Justice Information Services Division. Clarksburg, WV. Retrieved from: http://www2.fbi.gov/ucr/cius2009/offenses/clearances/index.html#figure
- Finkelhor, D., Hammer, H., & Sedlak, A. (2008). *Sexually assaulted children: National estimates and characteristics*. Office of Juvenile Justice and Delinquency Prevention, August, 2008. NCJ 214383.
- Kilpatrick, D.G., Saunders, B.E., & Smith, D.W. (2003). Youth victimization: prevalence and implications, research in brief. U.S. Department of Justice, National Institute of Justice, Washington, D.C.
- National Victim Center and Crime Victims Research and Treatment Center NVC & CVRATC. (1992). *Rape in America: A report to the Nation.*
- Rennison, C.M. (2000). Criminal Victimization 1999, Changes 1998-99 with Trends 1993-99, National Crime Victimization Survey. NCJ 182734. U.S. Department of Justice, Bureau of Justice Statistics. Washington, DC.
- Tjaden, P. & Thoennes, N., (2006). Extent, nature & consequences of rape victimization: Findings from the National Violence Against Women Survey. NIJ Special report.
- Truman, J.L., & Planty, M. (2012). *Criminal victimization, 2011*. Bureau of Justice Statistics Bulletin. October 2012, NCJ239437.
- U.S. Department of Health and Human Services, Administration for Children and Families, Administration on Children, Youth and Families, Children's Bureau. (2010). *Child Maltreatment 2009. Retrieved from:* http://www.acf.hhs.gov/programs/cb/stats\_research/index.htm#can.





Part Two

## ETIOLOGY OF ADULT SEX OFFENDING

Original literature review conducted by Susan Faupel, M.S.W., Training Director for the Illinois Coalition Against Sexual Assault (ICASA)

#### Etiology of Sexual Offending



- Origins or causes of sexually abusive behavior:
  - Pathways associated with the development, onset, and maintenance of sexual offending.
- Why etiological knowledge matters:
  - The development of effective prevention and treatment strategies is contingent on knowledge about the causes of sexual offending and victimization;
  - Knowledge about causes can help sex offender management professionals manage risk; and
  - Etiological information can inform policy making.
- Single factor and multifactor theories

### Single Factor Theories Cognitive Theories



- Focus on how thoughts affect sexually abusive behavior:
  - Thinking errors such as denial, minimization of harm, entitlement, and victim blaming on the part of sex offenders have been documented in research. 1
  - Problems recognizing and interpreting social cues and the emotional state of others also have been documented.<sup>2</sup>
  - There is empirical evidence that distorted thinking patterns can drive deviant sexual behavior, and cognitive theories serve as a core component of many sex offender treatment programs.
  - Cognitive theories do not explain where cognitive distortions originate, nor do they explain why some individuals commit sexually offensive acts specifically. 3

### Single Factor Theories Behavioral Theories



- Argue that sexual offending is a learned behavior, and that sexually deviant arousal plays a pivotal role in the commission of sex crimes.
  - People who have sexual feelings toward inappropriate stimuli are more like likely to commit sex crimes than those with appropriate sexual desires.
  - Sexual gratification and the perceived lack of negative consequences for sexual offending, coupled with a lack of support for not engaging in sexual offending behavior, increases the likelihood for sex offenses to continue.
- Research supports the notion that sexual abuse is a learned behavior, but behavioral theories do not offer a complete explanation of sexual offending because many male sex offenders lack deviant sexual arousal patterns. 4





- The primary social learning hypothesis suggested as an explanation for sexual offending is that children who are sexually abused grow into sexually abusive adults.
- Negative or adverse conditions in early development have been empirically linked to sexual offending later in life.
  - Sex offenders have higher rates of sexual abuse in their histories than would be expected in the general population; however, a large percentage of sex offenders do not report being sexually abused as children.<sup>5</sup>





- Although sexual victimization as a child cannot be the sole explanation for sexual offending as an adult, several factors may lead more easily to the development of sexually abusive behaviors in victims: 6
  - Victim's age;
  - Intensity and duration of abuse;
  - Internalizing the victimization experience as normal or pleasurable; and
  - The manner in which others respond to disclosure.<sup>7</sup>

# Multifactor Theories Marshall and Barbaree's Integrated Theory



- Suggests the prominent causal factors for sexual offending are developmental experiences, biological processes, cultural norms, and the psychological vulnerability that can result from a combination of these factors.
  - Early negative experiences in childhood cause children to view their caregivers as emotionally absent and themselves as unworthy of love, resulting in low self-esteem and poor interpersonal skills.
  - A key developmental task for adolescent boys is to learn to distinguish between sexual impulses and aggression.
  - Adolescent boys may find it difficult to know when they are angry, sexually aroused, or both, and learning how to inhibit aggression in sexual situations may also be difficult.





- Several of Marshall and Barbaree's hypotheses, such as the presence of poor impulse control and a lack of sufficient social skills in sexual offenders, have been supported through research. 8
- Research has shown that insecure childhood attachment can be linked to coercive sexual behavior. 9
- Evidence indicates that while some sex offenders have trouble with sexual impulse control, this is not the case for all sexual offenders. <sup>10</sup>
- The assumption that basic human drives and capacities share neurological structures has been cast into doubt. <sup>11</sup>





- The theory groups sex offender personality traits and characteristics derived from other studies into four factors believed to be most significant in the etiology of sex offending:
  - Sexual arousal; thought processes; emotional control; and personality problems.
  - > All four are important, but one is generally prominent.
- The theory is based on sound research about sex offender traits, and the notion that individual offenders display contrasting problems has empirical support.
- The theory does not adequately explain relationships and interactions among etiological factors, nor does it identify causal mechanisms behind each factor. 12





- Identifies 5 causal pathways for the development of sexual offending based on different symptom clusters:
  - 1. intimacy deficits;
  - deviant thought processes;
  - 3. emotional deregulation;
  - 4. antisocial cognition; and
  - 5. multiple dysfunctional mechanisms involving all symptom clusters associated with the previous pathways.
- Situational stressors serve as triggers for sexual offending.
  - Triggers vary according to the particular profile of causes underlying each individual's pathway.





- While there are data supporting the basic tenets of the Pathways Model from other areas of psychology, there is little direct support for the theory from sex offender research.
- There is evidence suggesting that individuals in all five pathways share many of the same traits. <sup>13</sup>
- The Pathways Model has a number of strengths, including its in-depth description of the factors involved in sexual offending and its ability to unify promising aspects of other theories.

# Multifactor Theories Stinson, Sales, and Becker's Multimodal SelfRegulation Theory



- Integrates various psychological perspectives and implicates self-regulatory deficits in the development of sexually inappropriate interests and behaviors:
  - Self-regulatory deficits resulting from negative childhood experiences combine for the development of deviant sexual interest and arousal.
  - When certain biological and temperamental vulnerabilities are also present, the individual is unable to manage behavior and sexual offending can result.
- Limited research to date; but there is empirical support for some tenets of the theory, including the roles that negative developmental experiences, cognitive distortions, and a lack of emotional control play in sexual offending 14





- No one cause for sexual offending has been found
- Research suggests a combination of factors likely contribute to sexual offending behavior:
  - Adverse conditions in an individual's early development can lead to poor attachment to others, and these conditions can contribute to the development of sexual offending.
  - Like other behaviors, sexual abuse appears to be learned and influenced by reinforcement and punishment.
  - Self-regulation and impulse control problems both appear to be related to sexual offending.



### Limitation of Etiological Research

- Etiological research currently suffers from two major shortcomings: sampling problems and a lack of intersection among different theoretical perspectives
  - Many studies are based on samples of sex offenders who are in treatment, in prison, or both; and these studies represent only a subset of sex offenders overall
  - Many studies rely on self-report data which is of questionable validity because many sex offenders engage in cognitive distortions
  - Relatively few studies explore how social structures or cultural phenomena contribute to sexual offending behavior.



- NCJA's Center for Justice Planning
- Samples that are more representative of the range of individuals who commit sex crimes.
- Prospective, longitudinal research that explores antecedents to sex offending and changes in sexually aggressive behavior over time.
- Maltreatment in early childhood development.
- How thinking errors originate, and why some individuals act on these thoughts and others do not.
- How specific punishments and rewards affect sexual offending behavior.
- The impact of sexually violent and exploitive images in the culture, not only in pornography.
- Further study regarding the integration of theories and the ways that different factors involved in sexual offending relate to one another.

#### **Notes**



- <sup>1</sup> Marshall, Anderson, & Fernandez (1999); Ward & Keenan (1999).
- <sup>2</sup> Keenan & Ward (2000); Ward (2000).
- <sup>3</sup> Stinson, Sales, & Becker (2008).
- <sup>4</sup> Looman & Marshall (2005).
- <sup>5</sup> Berliner & Elliot (2002); Putnam (2003).
- <sup>6</sup> Burton (2000); Burton, Miller, & Schill (2002); Eisenman (2000); Freeman-Longo (1986); and Hummel et al. (2000).
- <sup>7</sup> Burton, Miller, & Schill (2002).
- <sup>8</sup> Smallbone & Dadds (2000).
- <sup>9</sup> Smallbone & Dadds (2000).
- <sup>10</sup> Proulx, Perreault, & Ouimet (1999).
- <sup>11</sup> Kolb & Whishaw (1995); Symons (1979); Tooby & Cosmides (1992).
- <sup>12</sup> Ward (2000); Ward, Polachek, & Beech (2006); Stinson, Sales, & Becker (2008).
- <sup>13</sup> Simon (1997a, 1997b, and 2002).
- <sup>14</sup> Stinson, Sales, & Becker (2008).

#### References



- Berliner, L., & Elliot, D.M. (2002). Sexual abuse of children. In J.E.B. Meyers, L. Berliner, J. Briere, C.T. Hendriz,
   C. Jenny, & T.A. Reid (Eds.). The APSAC handbook on child maltreatment (2nd ed., pp. 55-78). Thousand Oaks,
   CA: Sage.
- Burton, D.L. (2000). Were adolescent sex offenders children with sexual behavior problems? Sexual Abuse: A Journal of Research and Treatment, 12, 37-48.
- Burton, D.L., Miller, D.L., & Schill, C.T. (2002). A social learning theory comparison of the sexual victimization of adolescent sex offenders and nonsexual male delinquents. *Child Abuse & Neglect*, 26, 893-907.
- Check, J.V.P., & Guloien, T.H. (1989). Reported proclivity for coercive sex following repeated exposure to sexually violent pornography, nonviolent dehumanizing, pornography, and erotica. In D. Zillman & J. Bryant (Eds.), *Pornography: Research advances and policy considerations* (pp. 159-184). Hillsdale, NJ: Erlbaum.
- Eisenman, R. (2000). Explaining sex offenders: The concept of imprinting. *International Journal of Adolescence and Youth, 8,* 1-9.
- Freeman-Longo, R.E. (1986). The impact of sexual victimization on males. *Child Abuse & Neglect, 10,* 411-414.
- Hummel, P., Thomke, V., Oldenburger, H.A., & Specht, F. (2000). Male adolescent sex offenders against children: Similarities and differences between those offenders with and those without a history of sexual abuse. *Journal of Adolescence*, 23, 305-317.
- Keenan, T., & Ward, T. (2000). A theory of mind perspective on cognitive affective, and intimacy deficits in child sex offenders. *Sexual Abuse: A Journal of Research and Treatment, 12,* 49-60.
- Knudsen, D.D. (1988). Child sexual abuse and pornography: Is there a relationship? *Journal of Family Violence*, *3*, 253-267.
- Kolb, B., & Whisaw, I.W. (1995). Fundamentals of human neuropsychology (4th ed.). New York: W.H. Freeman
   & Co.



#### References

- Lahey, K.A. (1991). Pornography and harm: Learning to listen to women. *International Journal of Law & Psychiatry, 14,* 117-131.
- Linz, D.G., Donnerstein, E., & Penrod, S. (1988). Effects of long-term exposure to violent and sexually degrading depictions of women. *Journal of Personality and Social Psychology*, *55*, 758-768.
- Looman, J., & Marshall, W.L. (2005) Sexual arousal in rapists. *Criminal Justice and Behavior, 32,* 367-389.
- Malamuth, N.M., & Check, J.V.P. (1980). Penile tumescence and perceptual responses to rape as a function of victim's perceived reactions. *Journal of Applied Social Psychology*, 528-547.
- Malamuth, N.M., & Check, J.V.P. (1981). The effects of mass media exposure on acceptance of violence against women: A field experiment. *Journal of Research in Personality, 15,* 536-446.
- Malamuth, N.M., & Check, J.V.P. (1985). The effects of aggressive pornography on beliefs in rape myths: Individual differences. *Journal of Research in Personality, 19,* 299-320.
- Marshall, W.L., Anderson, D., & Fernandez, Y.M. (1999). Cognitive Behavioral Treatment of Sex Offenders. Chichester, England: Wiley.
- Proulx, J., Perreault, C., and Ouimet, M. (1999). Pathways in the offending process of extrafamilial sexual child molesters. *Sexual Abuse: A Journal of Research and Treatment, 11,* 117–129.
- Putnam, F.W. (2003). Ten year research updates review: Child sexual abuse. *Journal of the American Academy of Child and Adolescent Psychiatry, 42,* 269-278.
- Simon, L.M.J. (1997a). Do criminal offenders specialize in crime types? Applied and Preventative Psychology, 6, 35-53.
- Simon, L.M.J. (1997b). The myth of sex offender specialization: An empirical analysis. *New England Journal on Criminal and Civil Commitment*, *23*, 387-403.



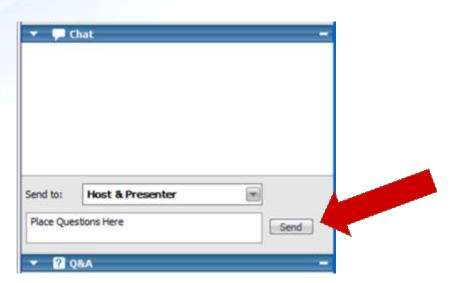
#### References

- Simon, L.M.J. (2002). An examination of the assumptions of specialization, mental disorder, and dangerousness in sex offenders. *Behavioral Sciences and the Law, 18,* 275-308.
- Smallbone, S.W., & Dadds, M.R. (2000). Attachment and coercive sexual behavior. *Sexual Abuse Journal of Research and Treatment*, *12(1)*, 3-15.
- Stinson, J.D., Sales, B.D., & Becker, J.V. (2008). Sex Offending: Causal Theories to Inform Research, Prevention and Treatment. American Psychological Association.
- Symons, D. (1979). *The Evolution of Human Sexuality*. New York: Oxford University Press.
- Tooby, J., & Cosmides, L. (1992). The psychological foundations of culture. In J.H. Barkow, L. Cosmides, & J. Tooby (Eds.), *The Adapted Mind: Evolutionary Psychology and the Generation of Culture* (pp. 19-36). New York: Oxford University Press.
- Ward, T. (2000). Sex offenders' cognitive distortions as implicit theories. Aggression and Violent Behavior, 5, 491-507.
- Ward, T., & Keenan, T. (1999). Child molesters' implicit theories. Journal of Interpersonal Violence, 14, 821-838.
- Ward, T., Polachek, D.L.L., & Beech, A.R. (2006). *Theories of Sexual Offending*. Chichester, England: Wiley.

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## Q&A



#### Moderator:

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#### Thank You for Joining Us!

Please join us for the next webinar in this series on April 20, 2015 The topic will be Internet Facilitated Sexual Offending

Today's slides and a recording of this webinar will be available at: http://ncja.org/webinars-events/sex-offender-mgt-webinars

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