



Assessing Confidence in Adolescent Opioid Overdose Recognition and Narcan use in La Grande School District (LGSD) Staff

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Introduction

- 400% increase in opioid overdose since 1999 and 30% since 2019
- 74% increase in Oregon fentanyl deaths between 2019 and 2020
- Adolescent drug **misuse** on the decline
- Adolescent drug **overdose** is increasing

Oregon Drug-Related Deaths - Medical Examiner

Drug-related deaths are identified from Medical Examiner's investigations by mining text for drug names. Toxicology results are integral to determine what drug(s) are involved and may delay reporting for a quarter or more.

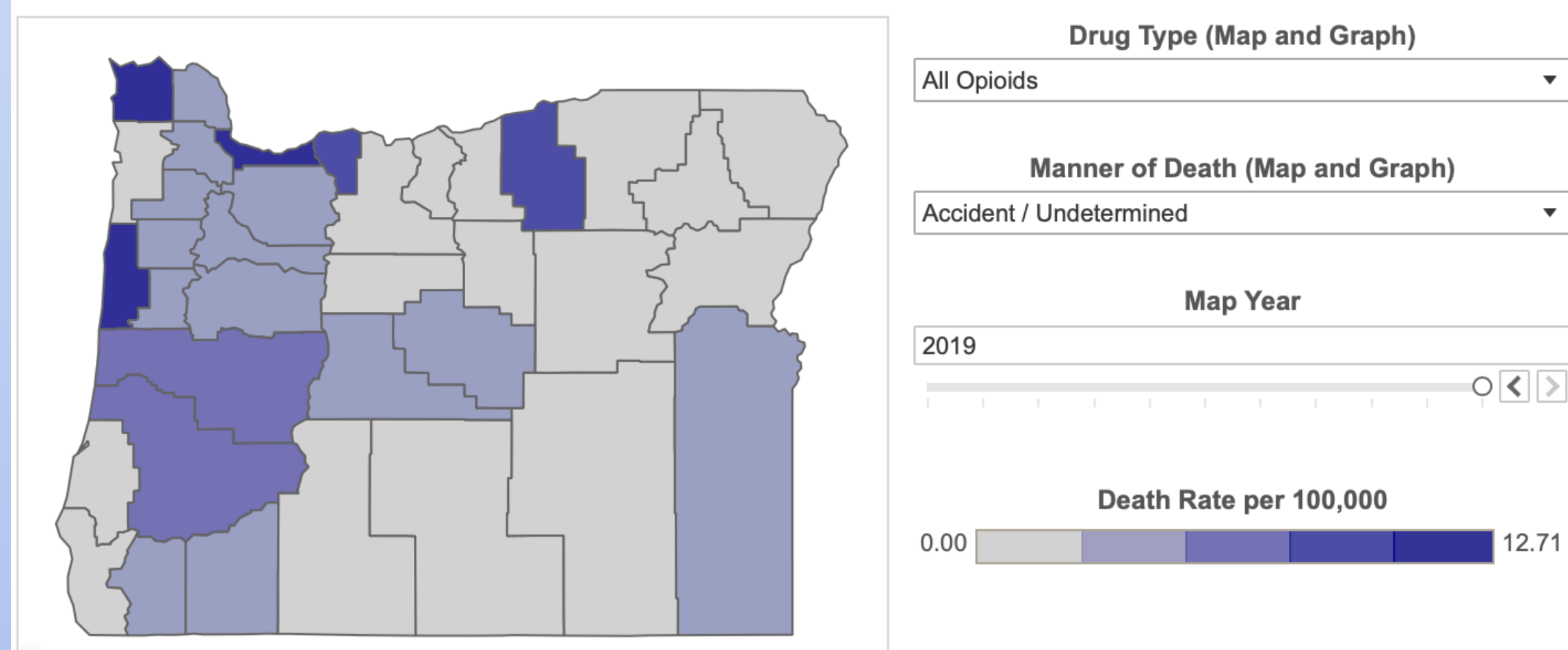


Fig 1. Oregon adolescent drug related deaths in 2019

Methods

- LGSD employees underwent a mandatory in-service training on Narcan use.
- 66 respondents
- Subjective feedback /questions were solicited

Results

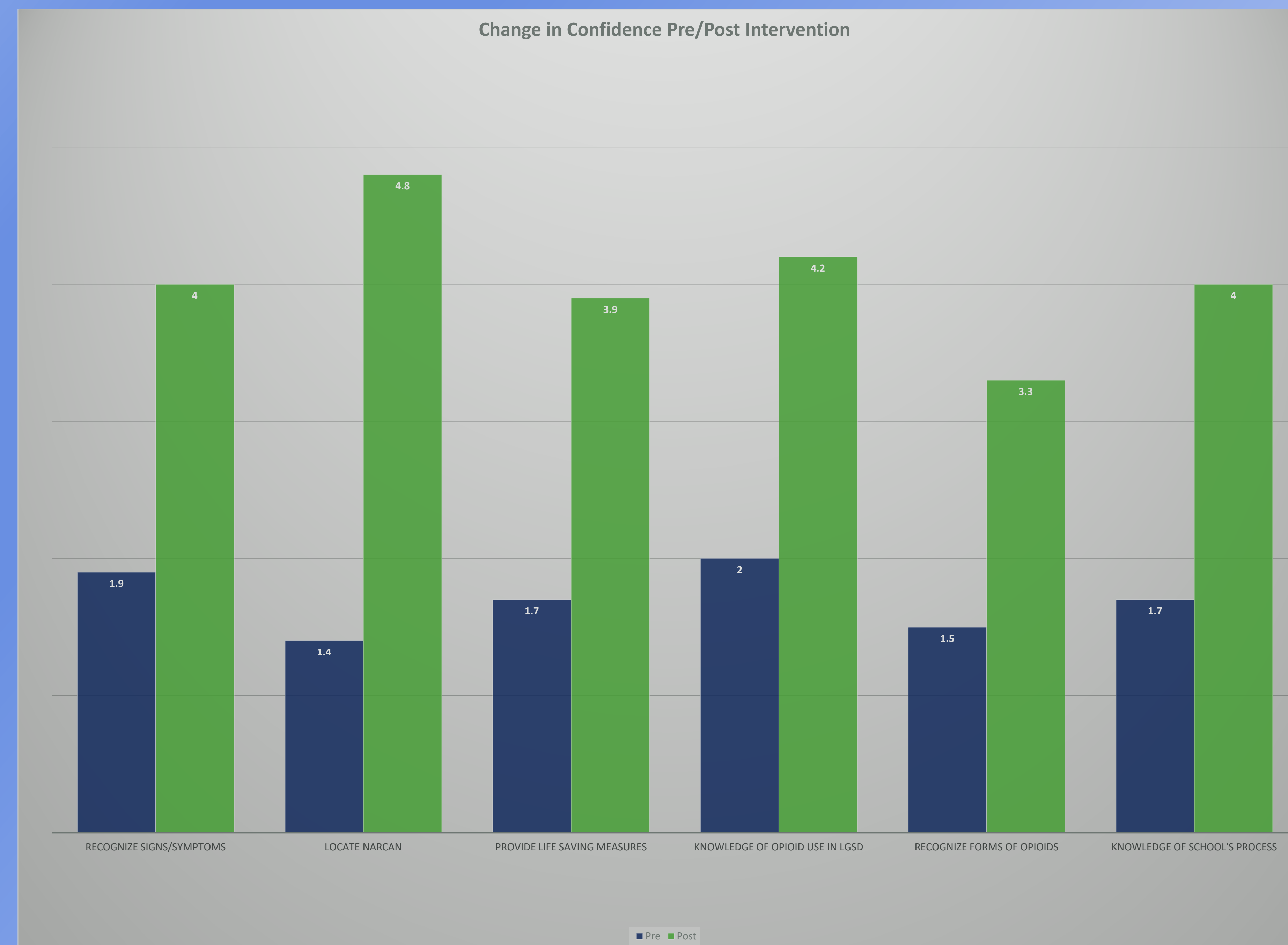


Fig 2. LGSD staff responses regarding change in confidence pre and post intervention

Frequently Asked Questions

Will there be more trainings?

What preventative measures exist?

How do schools handle incidents?

Is it only prescription drugs?

What is our exposure risk?

What do opioids look like/what forms are popular?

What does adolescent education for opioids look like?

What are signs of intoxication (but not overdose)?

Conclusion

- Rural and frontier adolescents are at high risk for drug overdose
- There is low confidence regarding how school employees should respond to adolescent overdose situations
- Training on opioid recognition and Narcan use boosts employee confidence

Limitations

- Assesses **confidence**
- Pre and post surveys were completed simultaneously
 - Recall bias/Participation bias
 - Would benefit from delayed post-intervention survey (ex. 6 months)

Future Directions

- Revise training to address FAQs
- Offer additional opportunities for hands-on learning

Acknowledgements

- Thank you to NEOAHEC for guidance on this project
- Thank you to the many students who have supported this project through their IPE courses