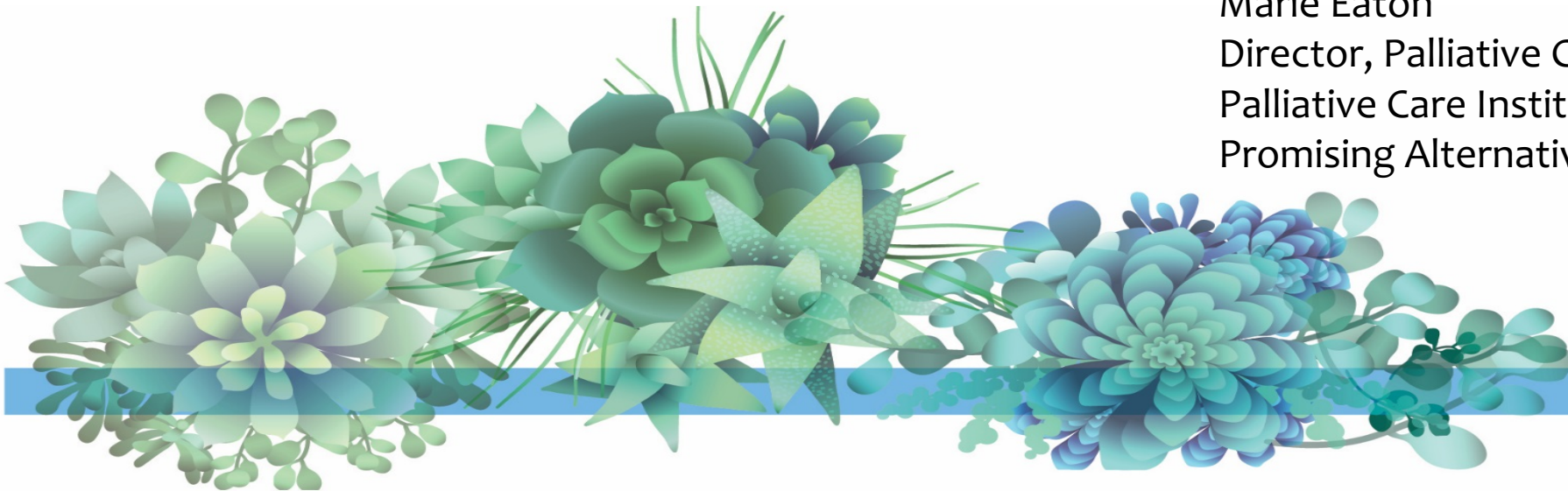
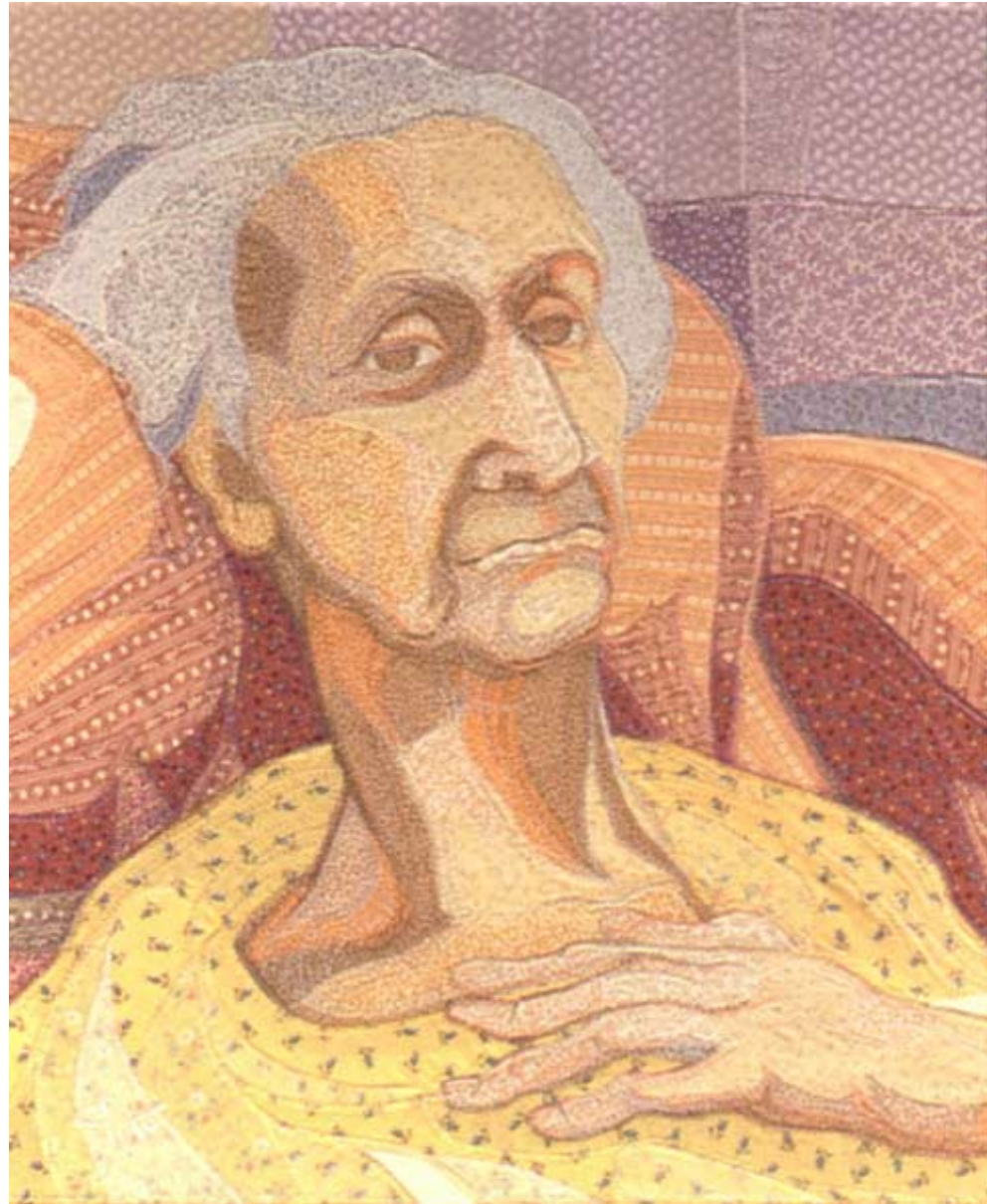


THE OPIOIDS: WHY DO WE NEED ALTERNATIVES?

Marie Eaton
Director, Palliative Care Institute
Palliative Care Institute Spring Conference 2018
Promising Alternatives to the Opioids







**Pain
Relief**



to jail

tears city

Cocaine

crime

Heroin use on the rise, police

Addicts fall th
social service

Drug threat

Losses rule
city drug market

pe





As many as
1 in 4
PEOPLE

receiving prescription
opioids long term in a
primary care setting
struggles with
addiction.

Opiate Withdrawal Timeline



Last Dose

Symptoms Begin

6-12 hours

Short-Acting Opiates



30 hours

Long-Acting Opiates



72 hours

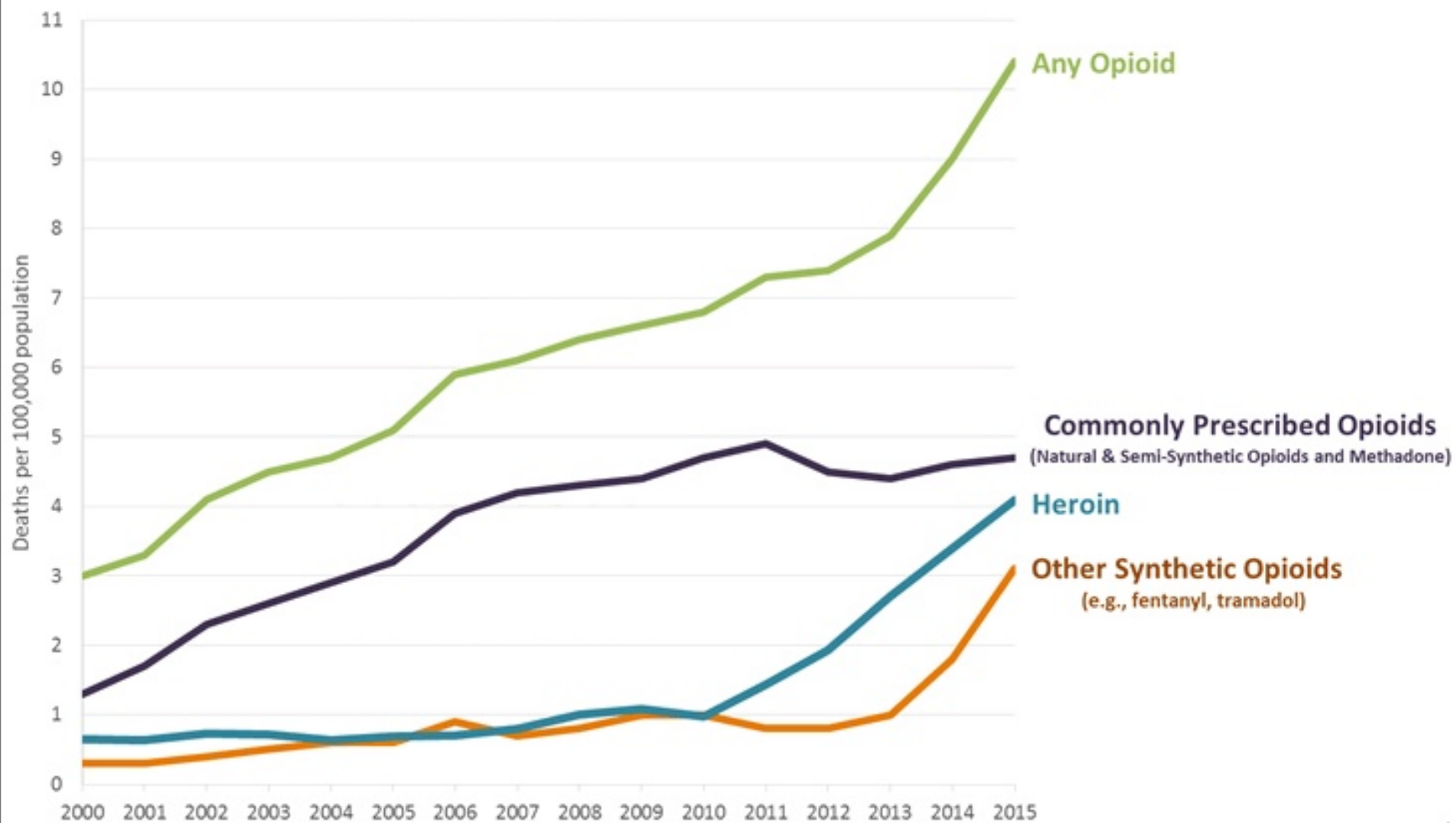
Symptoms Peak

- ✓ Nausea
- ✓ Vomiting
- ✓ Stomach Cramps
- ✓ Diarrhea
- ✓ Goosebumps
- ✓ Depression
- ✓ Drug Cravings





Overdose Deaths Involving Opioids, United States, 2000-2015





91
AMERICANS

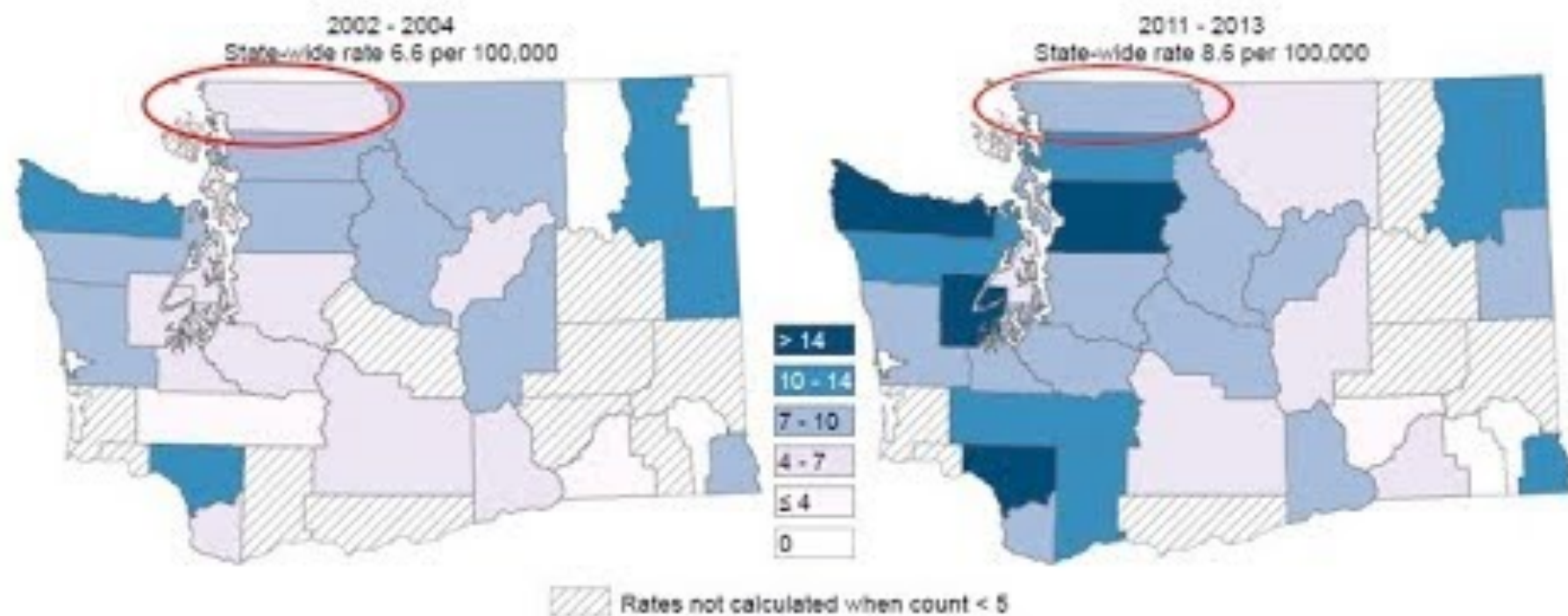
die every day from
an **opioid overdose**
(that includes prescription
opioids and heroin).



More than
40
PEOPLE

die every day from
overdoses involving
prescription opioids.

TRENDS IN DEATHS FROM OPIOIDS



Whatcom County deaths from opioids increased by almost 23%
from 2002-2013



