

DEVELOPMENT OF LIFE- SAVING PROCEDURES AND NASAL NALOXONE

DISPENSING
IN 4 DANISH
COMMUNITIES

2013-2015



Overdose-reversal in Copenhagen 2010-2011

- ◆ 17 overdoses reversed by 11 different participants
 - ◆ 2011-2013 another 20 overdoses reversed

EVALUERING AF

Forsøg med distribuering af Naloxon til stofafhængige til forebyggelse af opioid-overdosisdødsfald

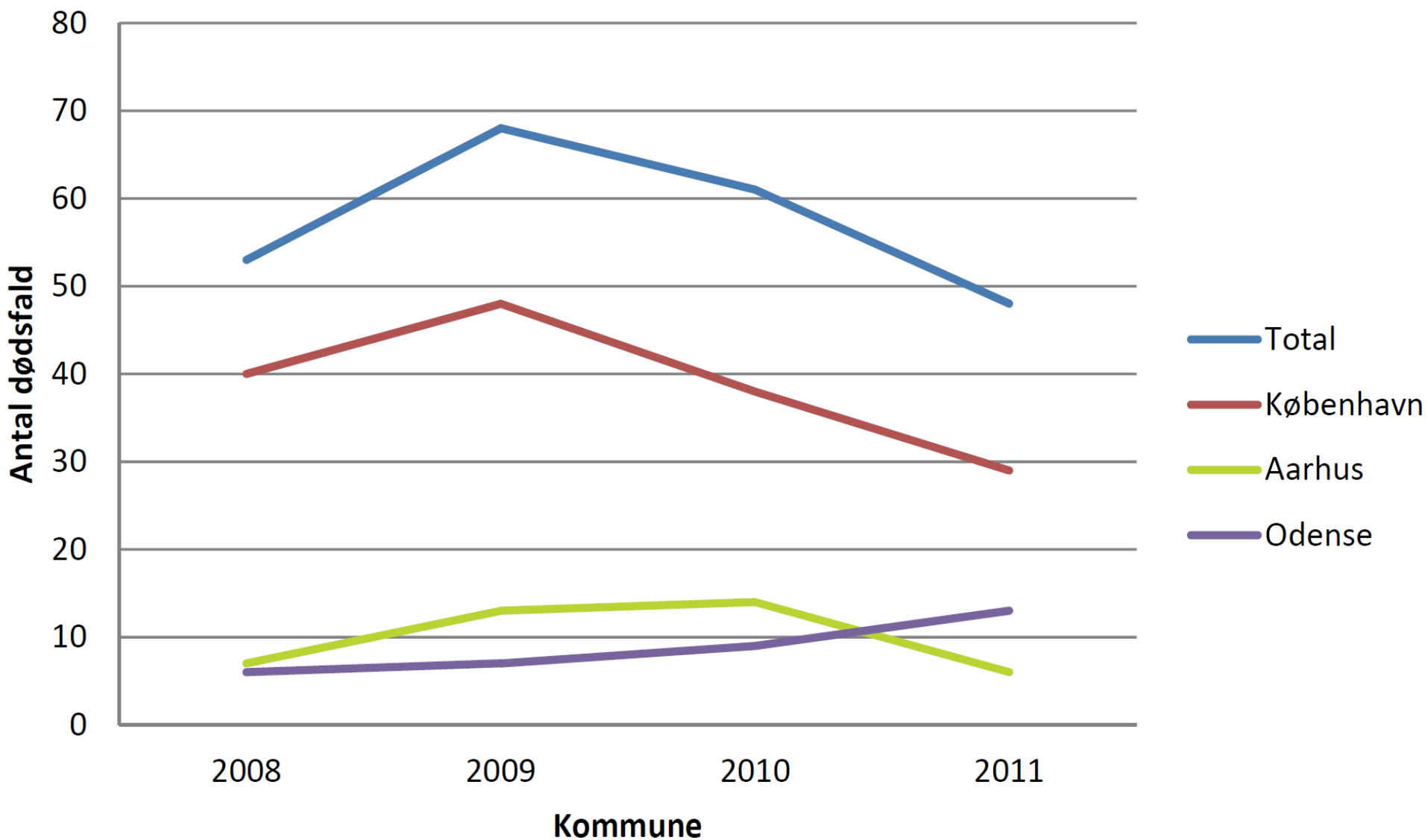


Henrik Thiesen, overlæge, teamleder, SundhedsTeam, Center for udsatte voksne og familier
Lone Hviid Rasmussen, ledende sygeplejerske Sundhedsrummet, Mændenes Hjem
Jørgen Kjær, formand for BrugerForeningen

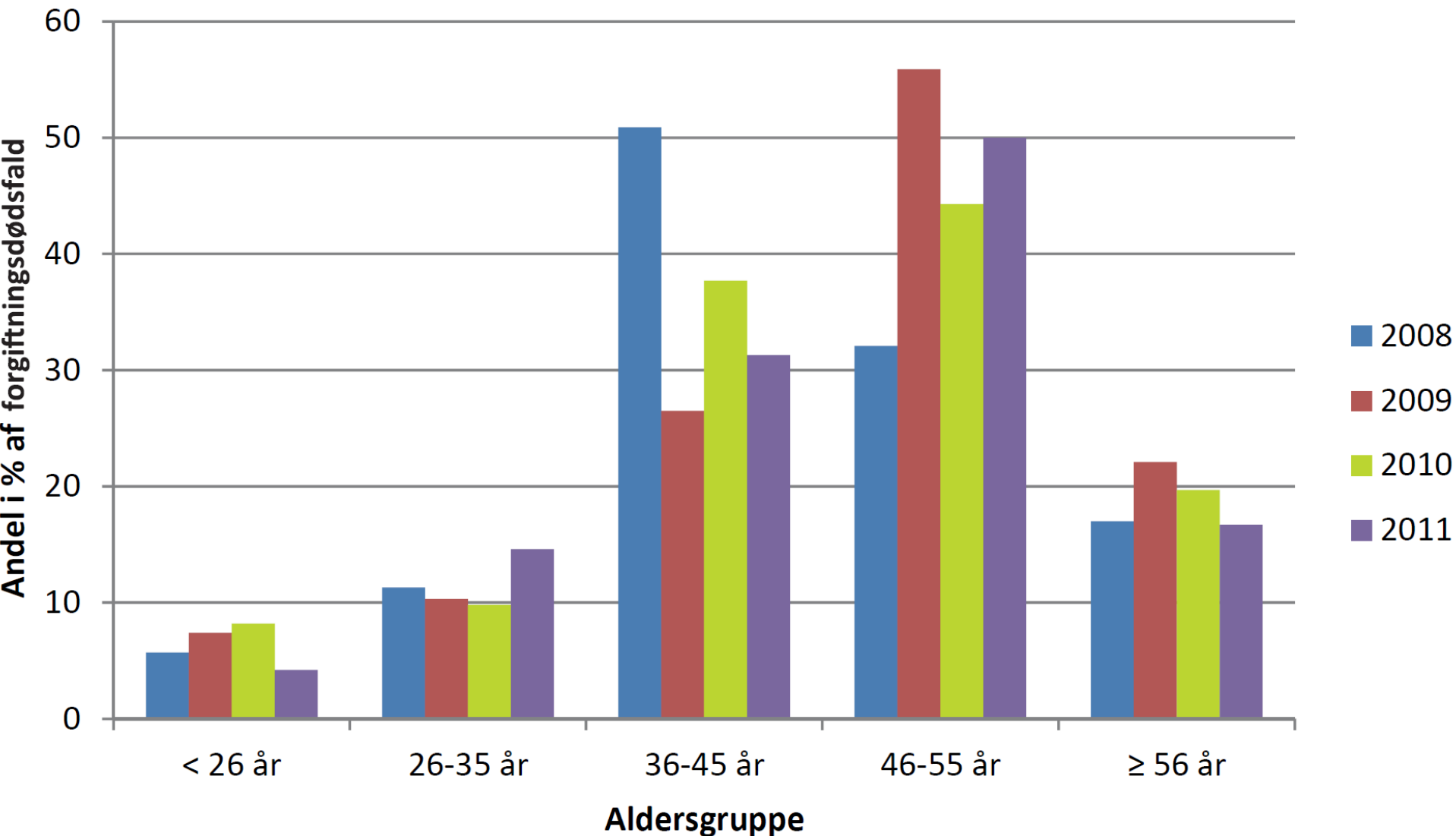
København, januar 2013

The report can be downloaded here:
http://www.hjemlosesundhed.dk/?download=Overdosisrapport_2013.pdf

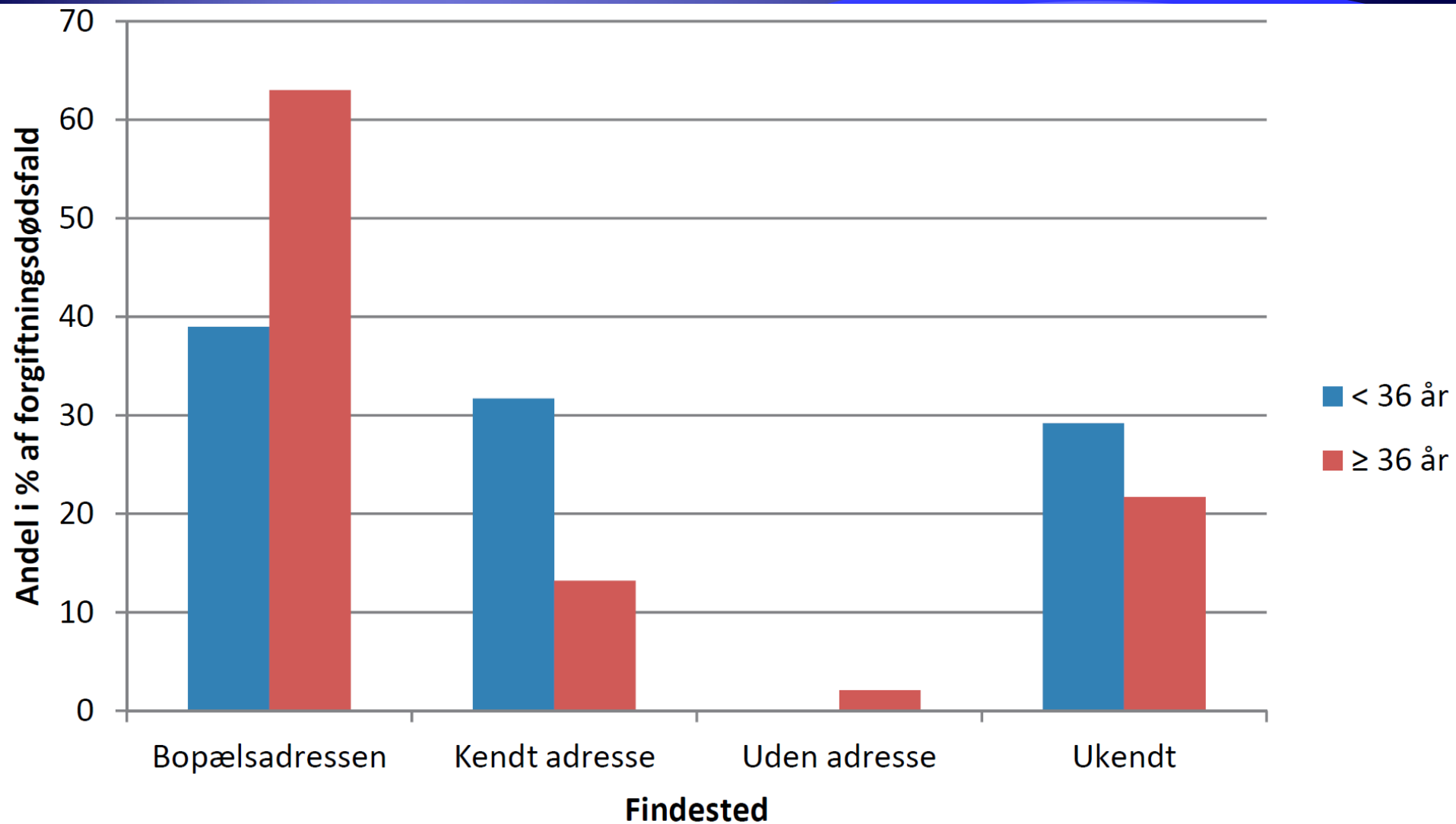
Overdose deaths in three municipalities



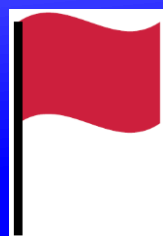
Overdose deaths in three municipalities



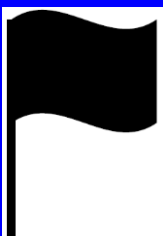
Overdose deaths in three municipalities



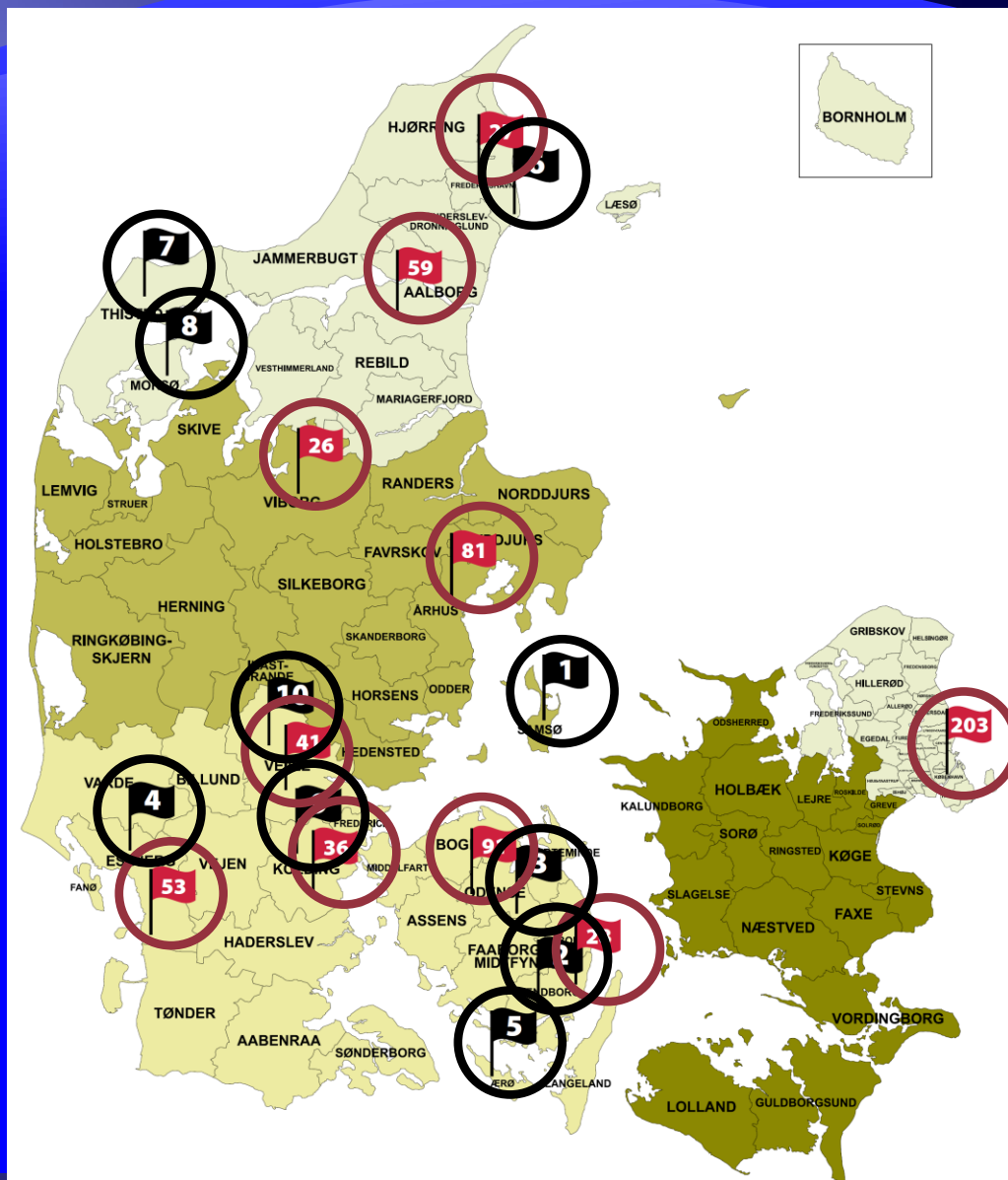
Drug-related deaths in 2007, 2009-2012



10 municipalities with the highest number of drug-related deaths in 2007, 2009-2012, in numbers



10 municipalities with the highest number of drug-related deaths per 10,000 residents in 2007, 2009-2012, in numbers



**OVERDOSIS
FOREBYGGELSE**

**RED
LIV**

med NALOXON
som næsespray

RED LIV /
SAVE LIFE

Projektet finansieres af Sundhedsstyrelsen.

 Sundhedsstyrelsen

Deltagende kommuner:



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Forebyggelse af overdosisdødsfald med **Naloxon** som næsespray

RED LIV

FORMÅL

Formålet med projektet er at reducere antallet af potentielt dødelige forgiftninger og af skadevirkninger som følge af overdoser hos personer med opioid (fx heroin, Metadon, Ketogan) misbrug ved hjælp af bruger-administreret Naloxon kombineret med undervisning i overdosisbehandling.

Personer med et stofbrug, deres pårørende og folk i stofmiljøet skal gives mulighed for at redde personer, der har fået en overdosis, fra potentiel død eller alvorlige skadevirkninger.

Deltagerne lærer at forholde sig til en overdosis, at tilkalde 112 og foretage genoplivning. De lærer at anvende modgiften Naloxon som næsespray og får i forbindelse med et kursus udleveret et kit med de nødvendige remedier til aktiv behandling af overdosis.



2ml
Prenoxad Injection
Naloxone Hydrochloride
1mg/ml Solution for Injection
780557
01-2016



2ml
Naloxone Hydrochloride
1mg/ml Solution for Injection
780557
01-2016

PROJEKTET

Kommunerne København, Århus og Odense samt KABS/Glostrup kommune er godkendt til projektet, der løber fra januar 2013 – juni 2015.

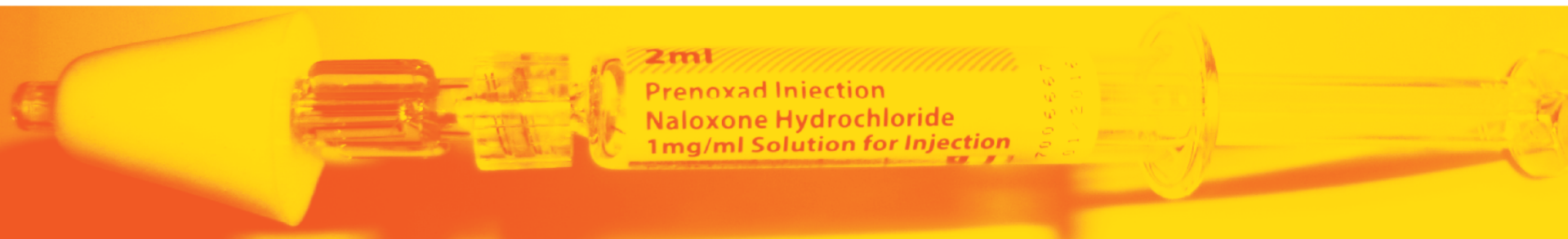
De deltagende kommuner skal varetage undervisningen og den øvrige støtte og opfølgning af deltagerne. De kommunale trænere vil modtage uddannelse og supervision som en del af projektet.

Trænerne gennemgår et undervisningsforløb på 4 timer inkl. en afsluttende test og skal efterfølgende undervise personer med stofmisbrug, pårørende og folk i stofmisbrugsmiljøet.

I undervisningen skal deltagerne lære:

- at kende symptomerne på overdosis
- at vide hvornår man skal tilkalde hjælp 1-1-2
- at kunne iværksætte genoplivning/give førstehjælp/ lægge i aflåst sideleje
- at kunne give Naloxon
- at vide hvad det omfatter at agere som lægens medhjælp

PROJEKT FORLØB



Project

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Training

- ◆ Training the trainers
 - ◆ Courses of 4 hours Learn the basics of overdose-physiology
 - ◆ Learning to present sample of naloxone and to train helpers
 - ◆ Learning to lead a course in collaboration with supervising MD
 - ◆ Learning to collect data and to keep data safely
 - ◆ Includes a multiple choice final test

Training

- ◆ Helpers:
 - ◆ Trained by 1st level trainers
 - ◆ Persons with substance-use, relatives and others with relation to drug-users
 - ◆ Course-duration of one hour (average 10 minutes per person)
- ◆ All will be assigned helpers of the supervising MD and will have to be supervised on-site by the physician before delegation of naloxone

Training the trainers and helpers

- ◆ The participants will learn:
 - ◆ To know the symptoms of an overdose
 - ◆ To know when to call for help 1-1-2
 - ◆ To be able to initiate resuscitation and put in the recovery position
 - ◆ To be able to give Naloxone
 - ◆ To know the significance of being a doctor's assistant

Full kit including Prenoxad
Naloxone nasal-spray

LIV MEDICA
Product from

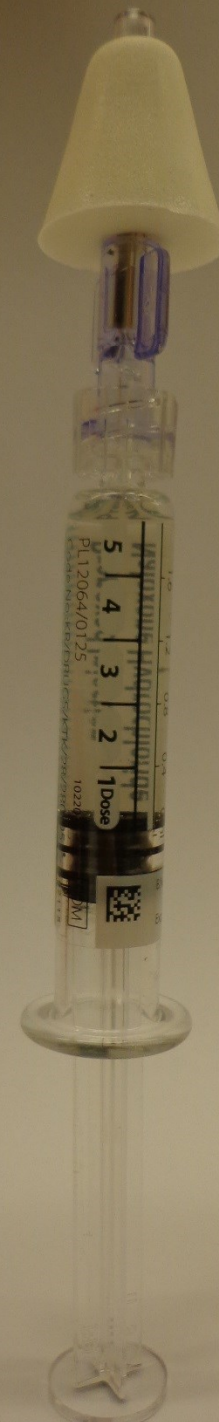
WOUND
WASHER

Quantity : 1 Piece
Size : 12 x 1 cm
Mfg. Lic. No. : 1025
Batch No. : S0950119
Mfg. Date : 04.10.11
Exp. Date : 04.10.16
CE



Prenoxad- syringe

- ◆ Naloxone 1mg/ml
- ◆ 2ml / 5 doses



Prenoxad Naloxone nasal- spray



Prenoxad Naloxone nasal- spray



Mayor for social affairs, Copenhagen Jesper Christensen trains as helper



What have we achieved until now?

- ◆ 10 train-the-trainers sessions
- ◆ 27 trainers has finished their first helper training with supervision
- ◆ 60 sessions locally
- ◆ 502 persons trained
 - ◆ 81 trainers
 - ◆ 301 helpers
 - ◆ 120 staff
- ◆ 31 overdoses reversed

How far have we reached?

- ◆ Special drug-unit, Copenhagen police
- ◆ Vestre prison Copenhagen
- ◆ Safe drug-consumption rooms
- ◆ Drug users union, Copenhagen
- ◆ Heroin-treatment centres
- ◆ Drug-treatment centres
- ◆ Shelter, Night-shelter, work-facilities and treatment-units at Sundholm and St.Dannesbo (largest shelters in Copenhagen & Odense)
- ◆ Out-reach psychiatry
- ◆ Some educated in own home (KABS)
- ◆ Night-watchers, (Odense)

Challenges in implementing OD-training

- ◆ We waited almost a year for the pre-filled Prenoxad,
 - ◆ This meant a slow-down in training because we thought it to be counterproductive to train helpers in the use of glass-ampoules

Challenges in implementing OD-training

- ◆ Availability of MD's to supervise training
- ◆ Different approaches to training sessions have been tried – some more productive than others
- ◆ Difficulties in getting trainers to actually lead the training of helpers

Challenges in implementing OD-training

- ◆ Getting feedback on data
- ◆ Getting feedback on teaching materials
- ◆ Distance is a big barrier to gathering trainers for the courses
- ◆ Trainers change jobs

Challenges in implementing OD-training

- ◆ Evaluation-interviews are difficult to implement
 - ◆ It's hard to get trainers to engage with helpers and arrange the interviews



RECOMMENDATIONS

Recommendations

- ◆ Training of drug-users and other relevant persons in the treatment of opioid overdoses should be implemented in a simple and sustainable way throughout all 98 communities
- ◆ To ensure a continuous flow of trained people, it is recommended that the model is disseminated and made permanent all over the country
- ◆ It is recommended that Naloxone is made available over the counter

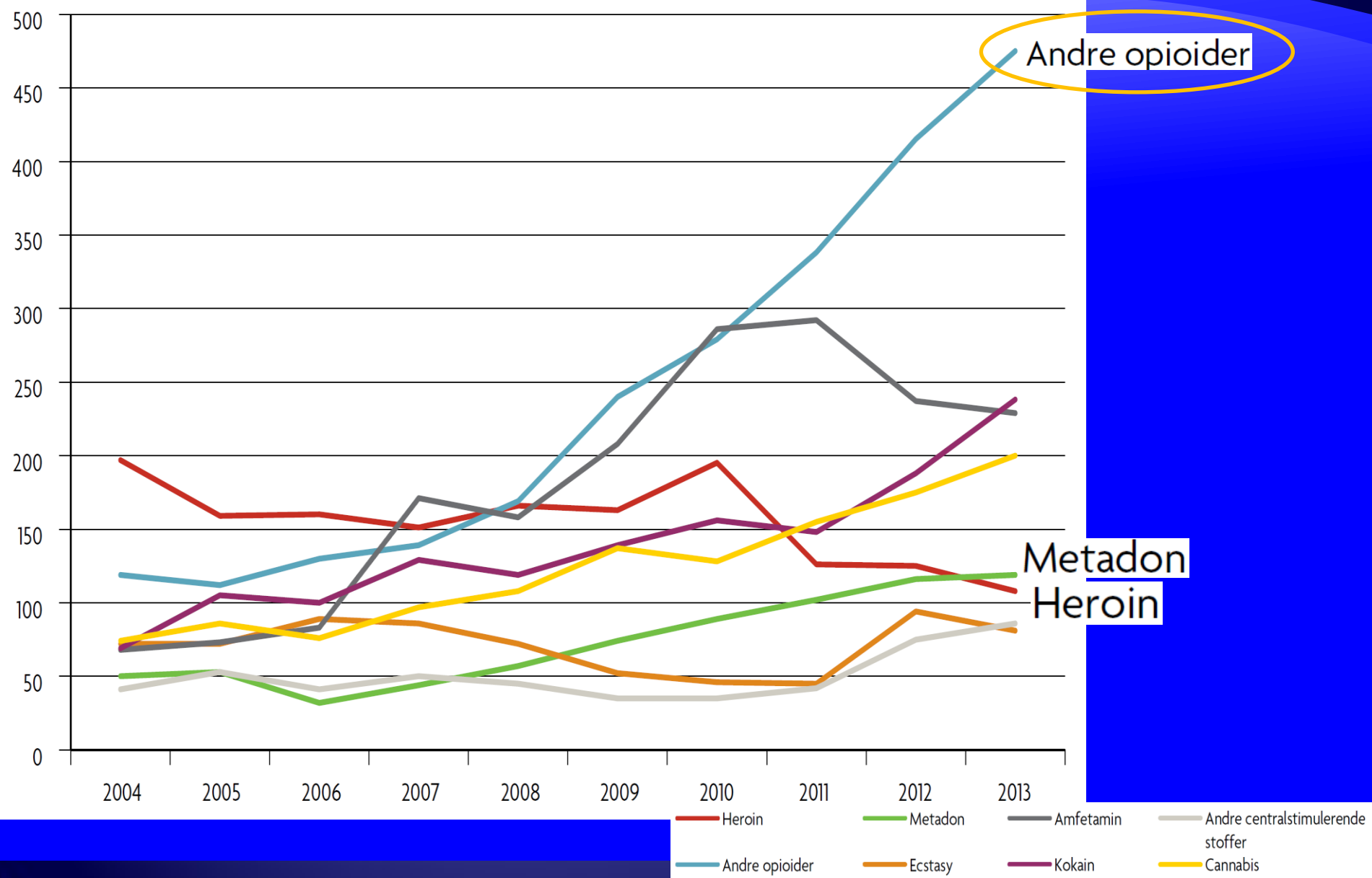
Recommendations

- ◆ Other groups should be involved and trained in overdose treatment for instance:
 - ◆ Family members and other relatives
 - ◆ Employees in treatment centers and shelters
 - ◆ Users of pain-medication
- ◆ The courses should be organized locally and must be firmly rooted in the local structure and culture so as to ensure continuity in recruitment of new helpers.
- ◆ The systematic and positive contact achieved during training can be used as a basis for addressing other health-problems affecting drug-users

Recommendations

- ◆ Overdose Prevention should primarily be done with the use of nasal spray for maximum safety
- ◆ The equipment must be further simplified to ensure proper use and safety
- ◆ Naloxone in a safe form should also be made available other opiate users such as pain patients and their relatives

Registered intoxications with illegally acquired drugs in emergency-rooms in Denmark 2004 - 2013



Recommendations

- ◆ Involvement of local ambulance-services in the use of nasal naloxone?
- ◆ Networks on overdose prevention.
 - ◆ Locally
 - ◆ National
 - ◆ Trans-national

Thank you for your attention

- ◆ Marian Jørgensen

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