

UNDERWATER WELDING



PETER ERIKSSON



SATURATION DIVER 2002



UNDERWATER WELDER 2002



SUBSEA NDT INSPECTION 2004



76 COUNTRIES

IRAN - USA - SAUDIARIA - NORWAY - UNITED KINGDOM -
MALAYSIA - SINGAPORE - THAILAND - BRAZIL - DENMARK -
FRANCE - GERMANY - ISRAEL - CYPRUS - SPAIN - RUSSIA -
ROMANIA - TURKEY - KAZAKSTAN - BRUNEI - QATAR -
DUBAI - CHINA - INDONESIA - SOUTH KOREA...



MY DEEPEST
COMMERCIAL
DIVE?



183 METER



WHAT IS COMMERCIAL DIVING?





bp



AIR DIVING

0-50 METER





SATURATION DIVING

50-350 METER





13
EMERGENCY
FLOOD

bp



<https://www.youtube.com/watch?v=slq9lkHWs0I>

WHAT IS UNDERWATER WELDING?



WET WELDING



WET WELDING

STANDARD - AWS D3.6M:2017

STANDARD - ISO 15618-1:2001





bp



<https://www.youtube.com/watch?v=90qLex-OfFY&feature=youtu.be>

HYPERBARIC WELDING





bp





<https://www.youtube.com/watch?v=lbHPodRRy1Q>

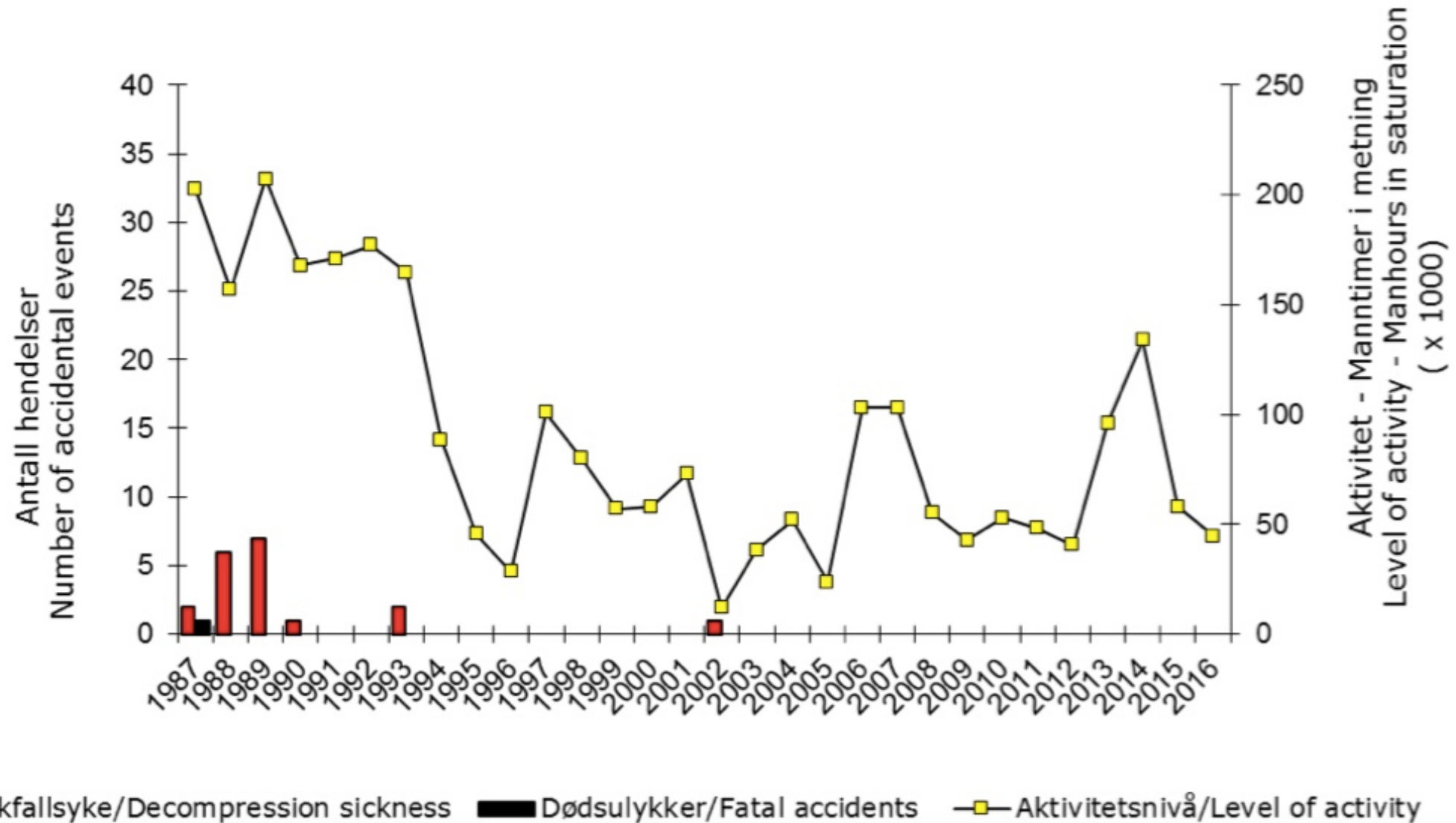


FATAL ACCIDENTS



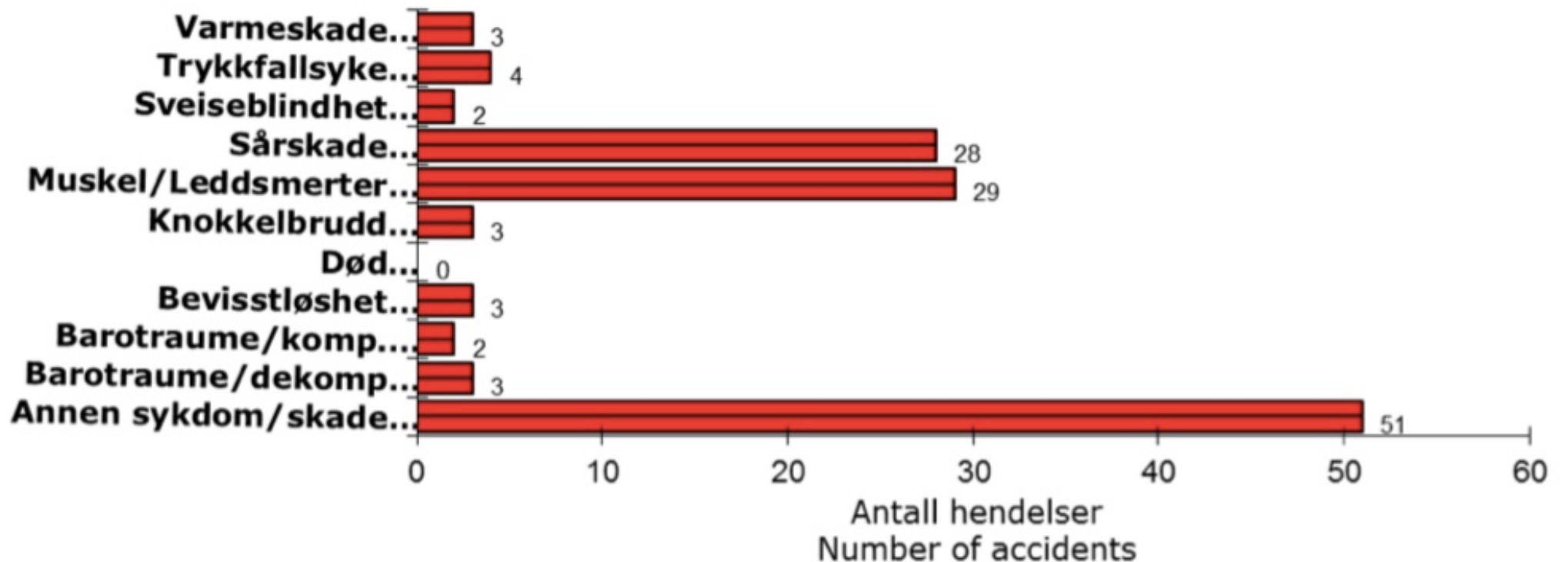
DØDSULYKKER OG TRYKKFALLSYKE VED METNINGSDYKKING

FATAL ACCIDENTS AND DECOMP. SICKNESS IN SATURATION DIVING



Petroleumstilsynet 1990-2016

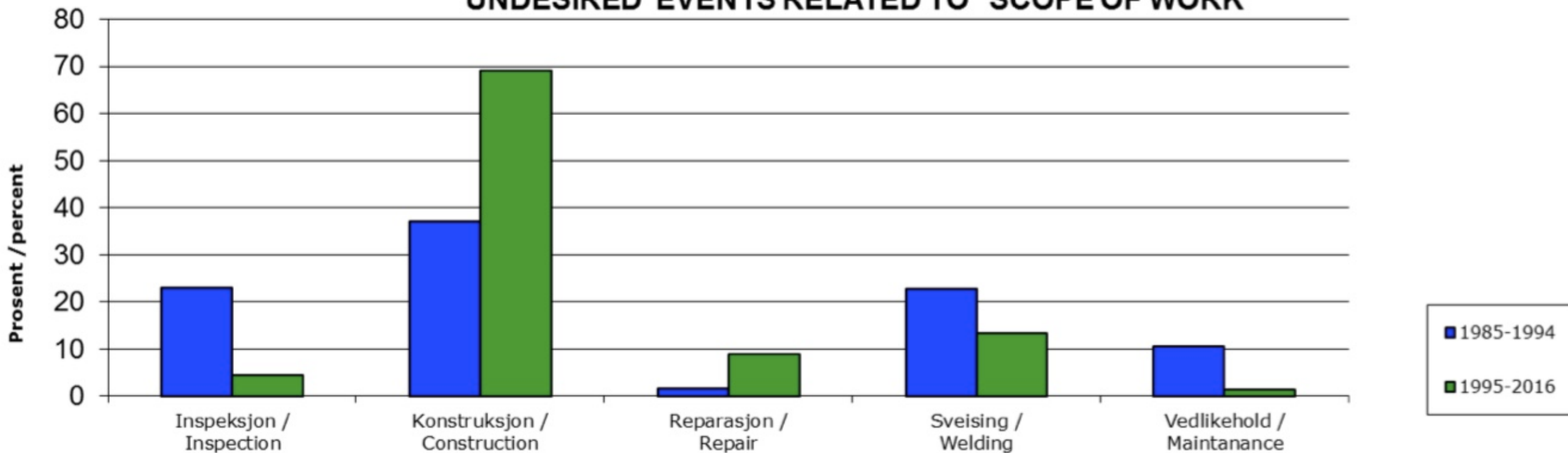
PERSONSKADER VED METNINGSDYKKING PERSONAL INJURIES IN SATURATION DIVING



Annen sykdom/skade:
De fleste er relatert til infeksjoner

Petroleumstilsynet 1985-1994 / 1995-2016

UØNSKEDE HENDELSER RELATERT TIL "FORMÅL MED DYKKET" UNDESIED EVENTS RELATED TO "SCOPE OF WORK"



EDUCATION



ANNUAL PHYSICAL EXAM



AIR DIVER

16 WEEKS - 40.000 NOK



SAT DIVER

5 WEEKS - €19.500



WET WELDING

2 WEEKS PER CERT

6 CERT X €4.500



LABOR MARKET



CO1:COM
Generic 1st 'CO' Future

+ ADD TO WATCHLIST

AS OF 12:27 AM EST 01/10/2019 EDT

60.93

USD/bbl.

-0.51 -0.83% ▼

1D

1M

6M

YTD

1Y

5Y

MINIMIZE CHART

Add a comparison



04/17 63.45

100.00

80.00

60.00

40.00

BloombergMarkets

Sterk økning i investeringer

Oljeinvesteringene øker kraftig til 184,5 milliarder i 2019. I 2019-kroner er det 25 milliarder over SSBs anslag for 2018 fra november.

AIR DIVING

219 MAN-HOURS

(NORWAY 2016)



SAT DIVING

44.569 MAN-HOURS

(NORWAY 2016)



