## The Danish Atlas of Disease Mortality Analysis of mortality metrics associated with a comprehensive range of disorders in Denmark, 2000-2018 ICD-10 Chapters All ICD-10 disorders Selected disorders Mental disorders To search for another disorder, click the dropdown above, then press Backspace ( Delete on Mac), then enter the disorder. A total of 1,128,977 persons ▼ living in Denmark in 2000-2018 were diagnosed for the first time with 'Mental disorders' (ICD-10: F00-F99) in a hospital in 1995-2018. The median age at diagnosis was 41.4 years, while 25% of the diagnosed were younger than 21.6 and 25% were older than 65.6 years at time of diagnosis. Among the diagnosed, 318,197 persons died in 2000-2018, and the median age at time of death was 80.2 years (25% were younger than 67.5 years and 25% were older than 87.7 years). On average, mortality rates were 3.35 times higher among the diagnosed compared to those of same age and sex without that diagnosis (MRR = 3.35 (95% CI: 3.34, 3.37)), and the average reduction in life expectancy after diagnosis was 9.50 years compared to the entire Danish population of same age and sex (LYL = 9.50 (95% CI: 9.46, 9.54)). Note: The estimate of life expectancy is based on the assumption that the diagnosed will experience the mortality rates of the diagnosed during the entire life (after diagnosis), which might be plausible for chronic disorders but not for acute ones. Age at Diagnosis [Median (IQR)] **Life Years Lost Deaths** Age at Death [Median (IQR)] **Mortality Rate Ratio** 9.50 (9.46 - 9.54) 41.4 (21.6 - 65.6) 318,197 80.2 (67.5 - 87.7) 3.35 (3.34 - 3.37) 39.7 (20.1 - 61.3) 151,281 75.2 (62.2 - 84.3) 3.85 (3.83 - 3.87) 10.79 (10.72 - 10.85) 43.0 (23.0 - 70.4) 166,916 83.8 (73.9 - 89.8) 2.95 (2.93 - 2.97) 8.33 (8.27 - 8.39) Women Persons Men 100 25 100 100 50 75 50 75 25 50 75 Age in years Men Women Persons 50 75 100 25 50 75 100 25 50 75 100 0 0 Age in years

Men

50

Age in years

Mortality rate ratio

Persons

Time since first diagnosis

Diagnosed with the disorder Entire Danish population

Age in years

— Diagnosed with the disorder —— Entire Danish population

2-5 years

100

1-2 years

75

100

25

5-10 years

25

75

Women

50

100

100

75

Click on a point for more information

75

Click on a point for more information

Click on a point for more information

75

100

90

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25

50

Age in years

10+ years

Women

50

Women

70

60

Estimates for all-causes of cause-specific mortality:

CONTACT

50

All causes

Summary statement

Summaries split by sex

Sex

Men

Persons

Women

100

50

25 -

Age at death

100 -

75 -

50 -

25

Incidence rate (per 10,000 person-years)

) person-years)

100

persons

Remaining life expectancy

after diagnosis (in years)

Survival curves

Percentage of persons dead

25 -

50

**PAPER** 

Starting age

41 years (50th percentile)

Mortality rates (per 10,000

Incidence rate given age

Percentage deceased

Percentage diagnosed

Age at diagnosis

Diagnosed \*\*

25

25

25

Mortality rates and mortality rate ratio given age

25

Mortality rate ratio given time since diagnosis

Mortality rate ratio (95% CI)

Expected remaining life expectancy at a given age

25

0-6 months

Persons

50

75

---- Diagnosed with the disorder ---- Entire Danish population

50

Age in years

100

0

75

6-12 months

Men

50

Men

70

PROTOCOL

80

90

100

CODE AND SUMMARY DATA

Age in years

25

1,128,977

537,389

591,588