

# Suicide

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# National Suicide Research Foundation

## Goal

To produce a nationally and internationally recognised body of reliable knowledge from a multidisciplinary perspective on the risk and protective factors associated with suicidal behaviour.

## Research focus

Extent of the problem of deliberate self harm and suicide as well as risk and protective factors

Effectiveness of intervention and prevention programmes for deliberate self harm and suicide

# What is suicidal behaviour?

Suicide

Suicide attempts

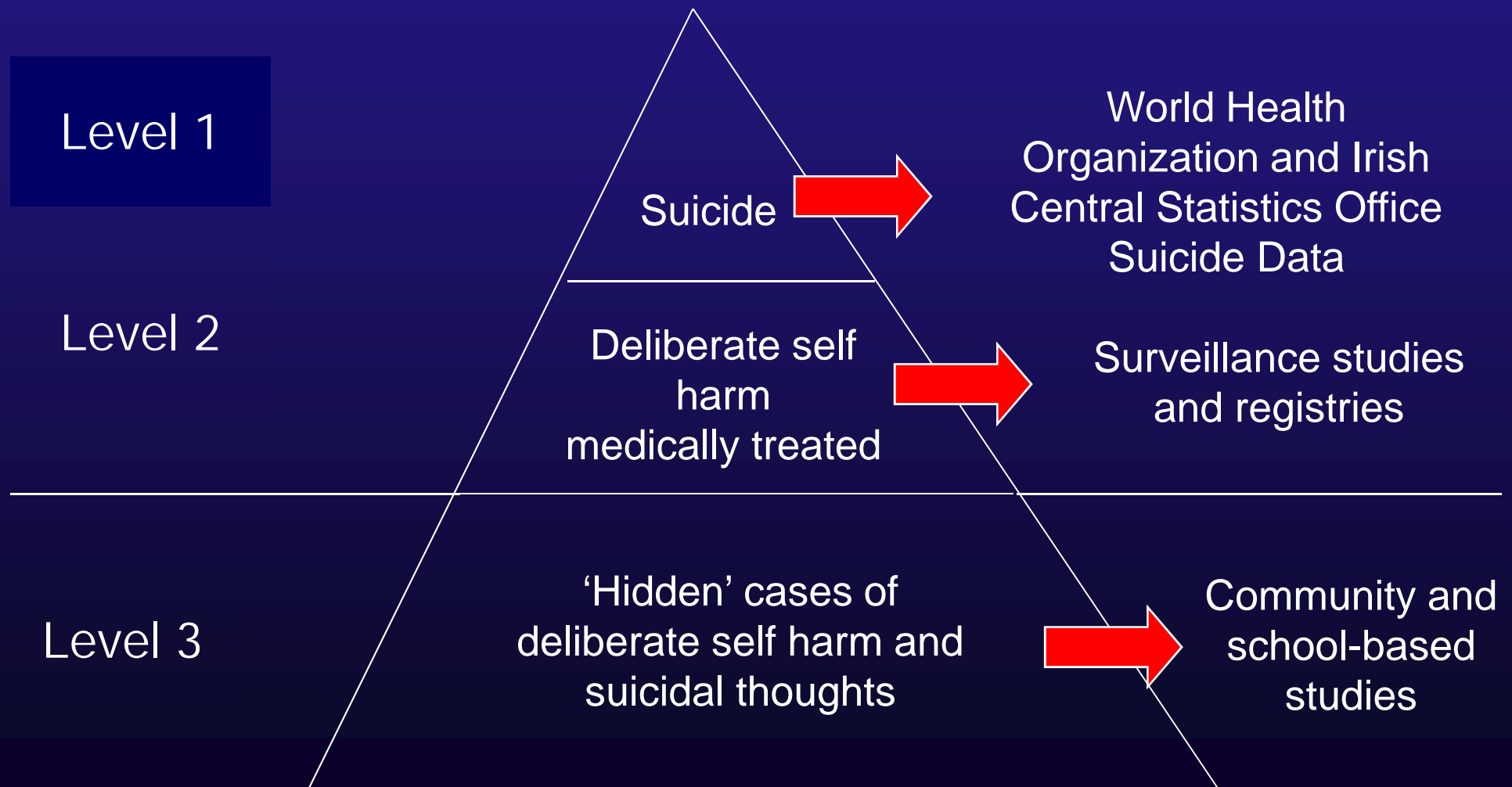
Deliberate self harm

- Hospital/medically-treated

- Untreated

Suicidal ideation/thoughts/plans

# Suicidal behaviour: an 'iceberg phenomenon'



# The burden of suicidal behaviour

An estimated one million people die by suicide annually worldwide

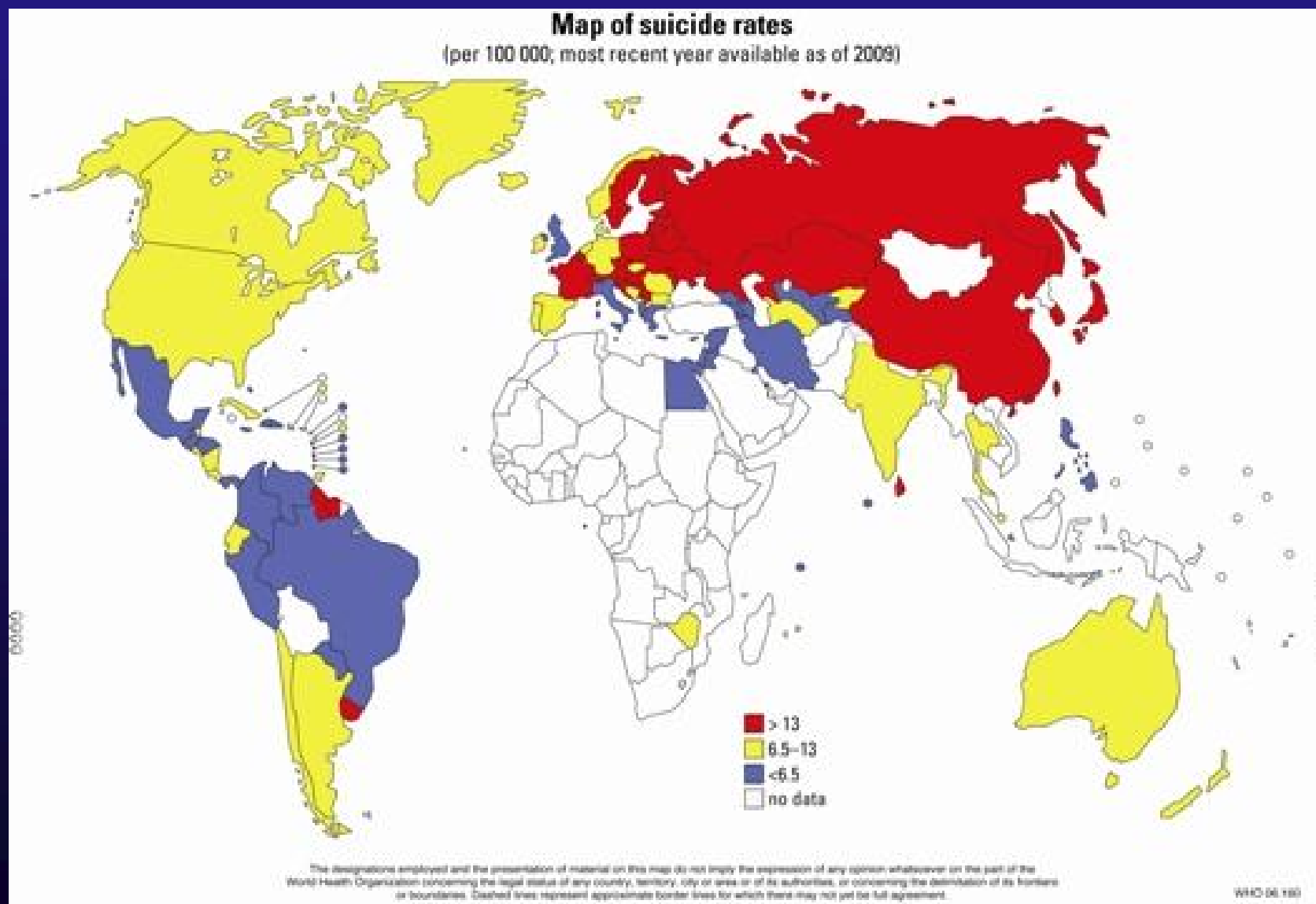
10-20 million people attempt suicide annually worldwide

Suicide accounts for ~1.5% of all deaths and is the 10<sup>th</sup> leading cause of death worldwide

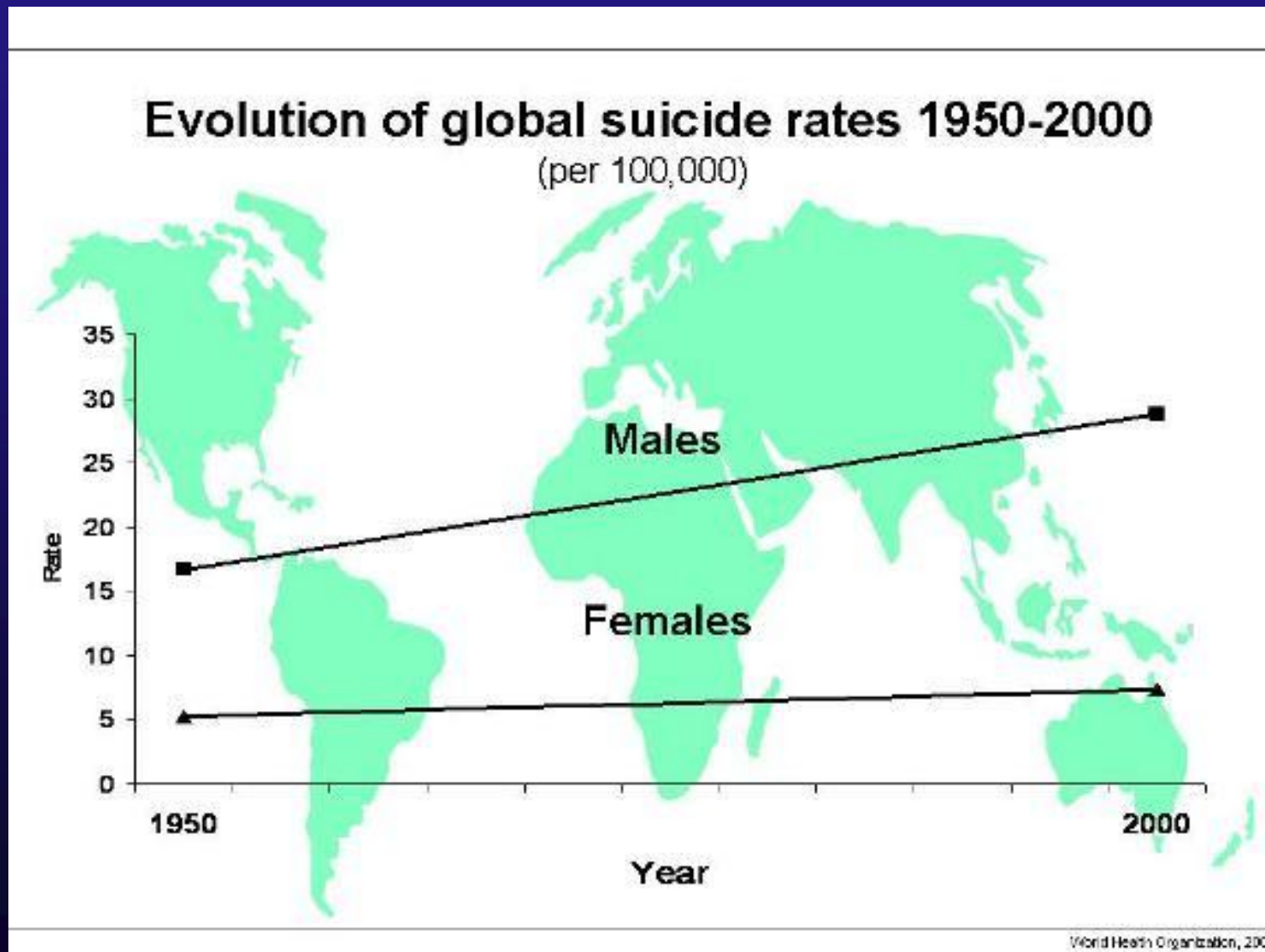
Suicide is the second leading cause of death in 15-34 year-old Europeans

Among 15-44 year-olds worldwide, self-inflicted injuries is the sixth leading cause of disability-adjusted life years

# The burden of suicidal behaviour



# The burden of suicidal behaviour

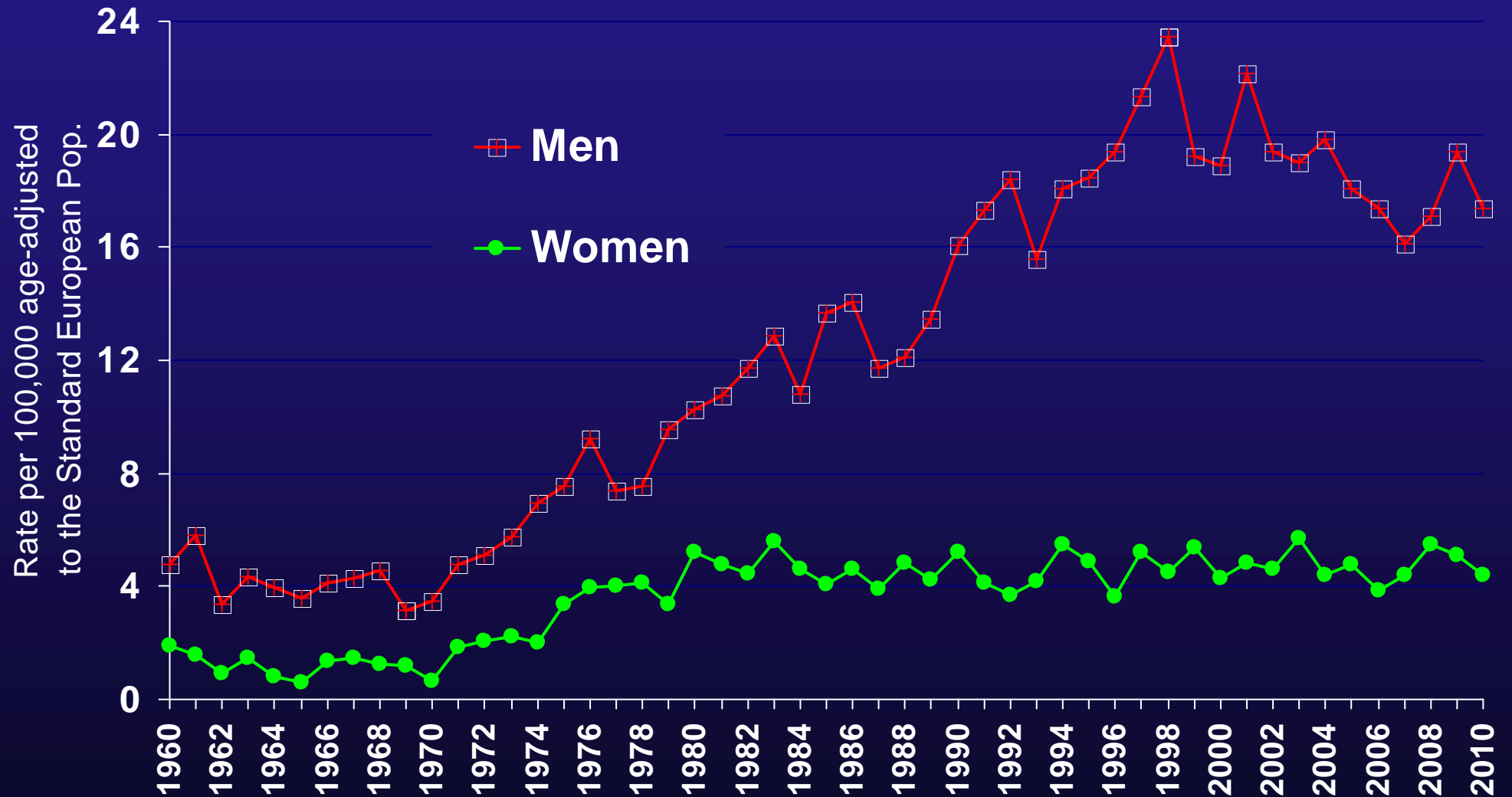


# Recording of suicide in Ireland

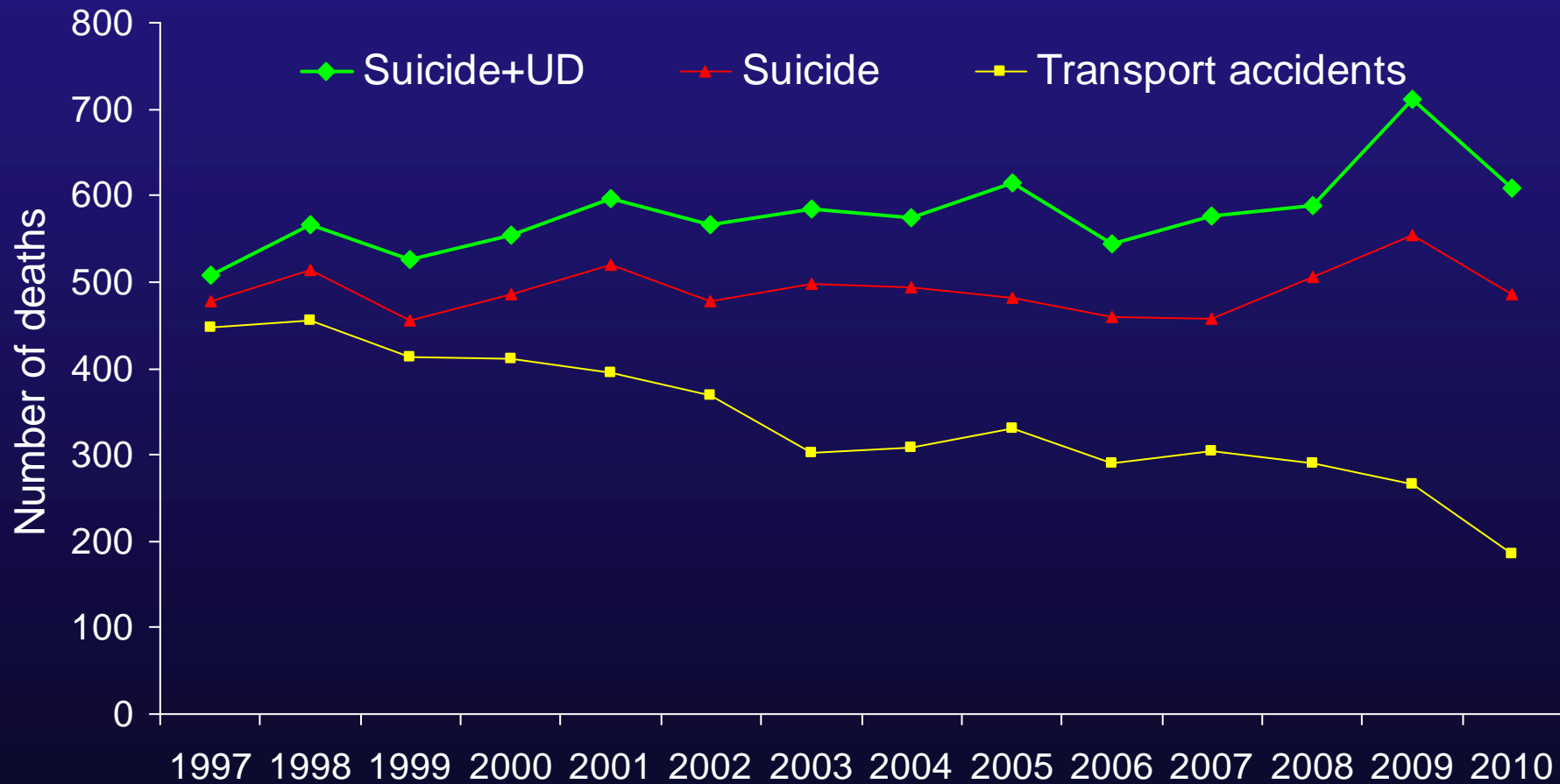
- Coroner notified of death by gardai
- Post mortem and inquest
- Coroner notifies registrar of death after the inquest
- Registrar then registers death and notifies the Central Statistics Office (CSO)
- CSO send confidential form to relevant garda sub-district
- Garda provides opinion as to the cause of death and returns form to CSO
  - Suicidal
  - Homicidal
  - Accidental
  - Undetermined



# Irish suicide rates, 1960-2010

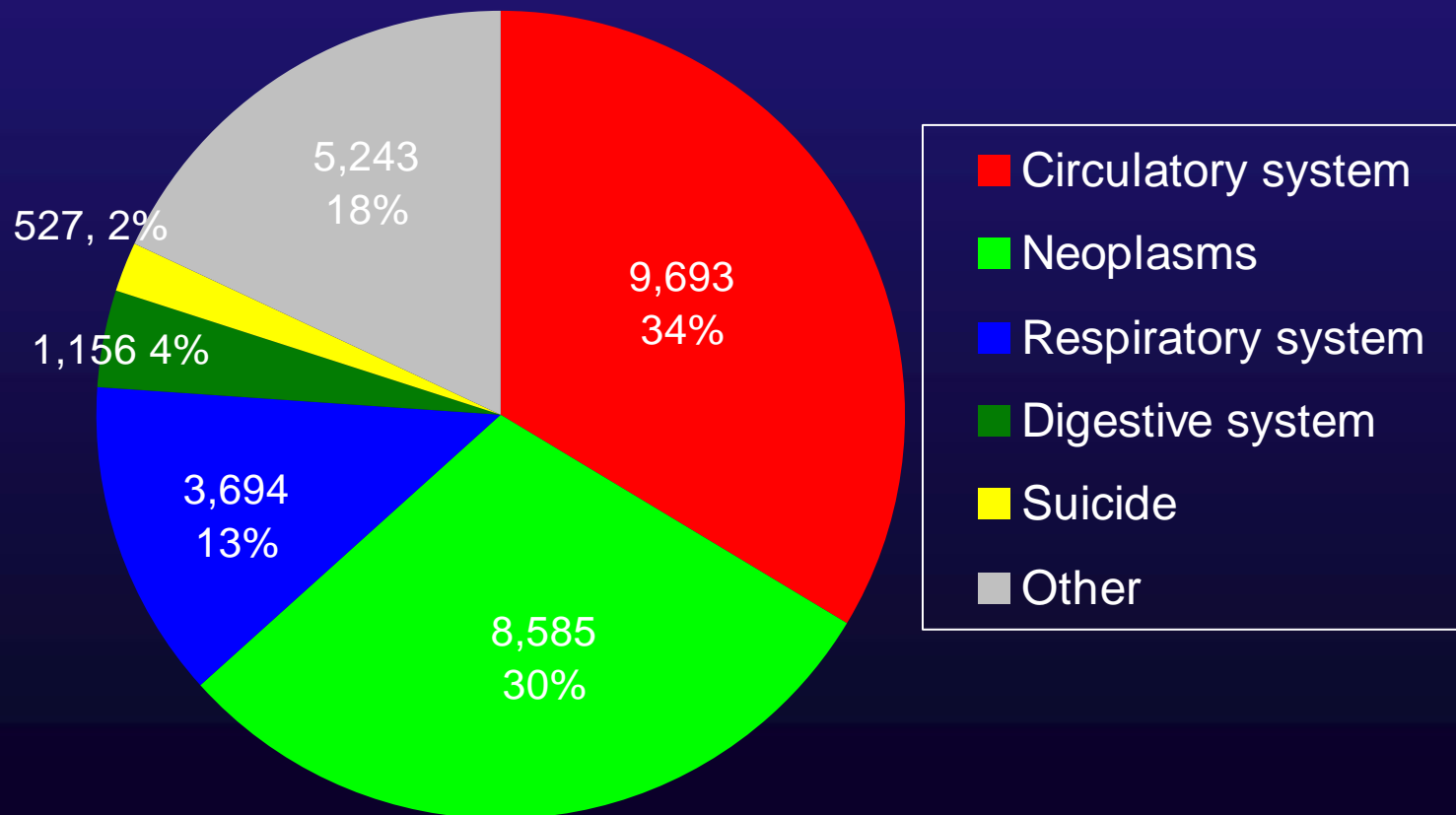


# Suicide compared to transport accident deaths in Ireland



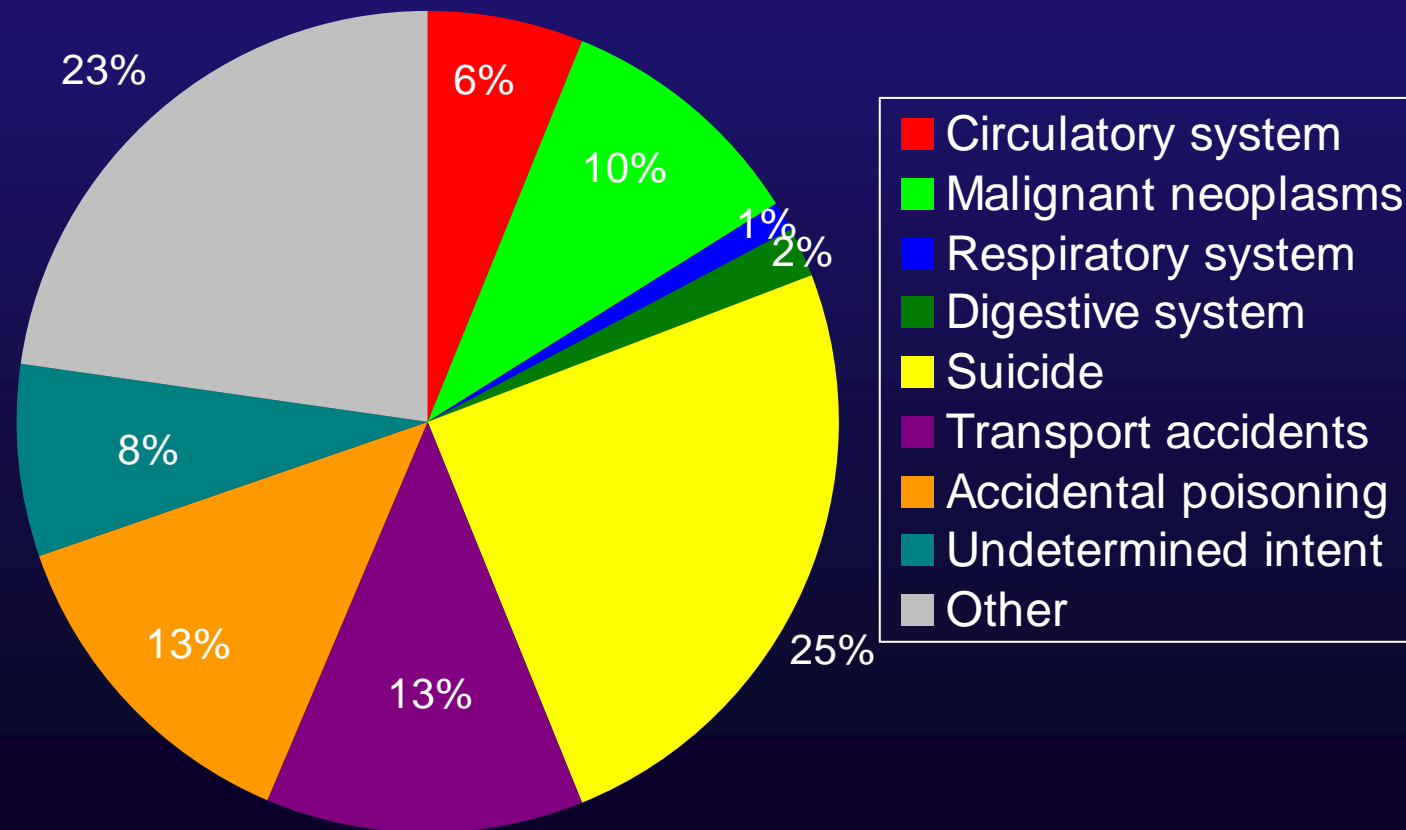
# Is suicide a major cause of death in Ireland?

Suicide accounted for 527 (1.8%) of the 28,898 deaths that were registered in 2009.

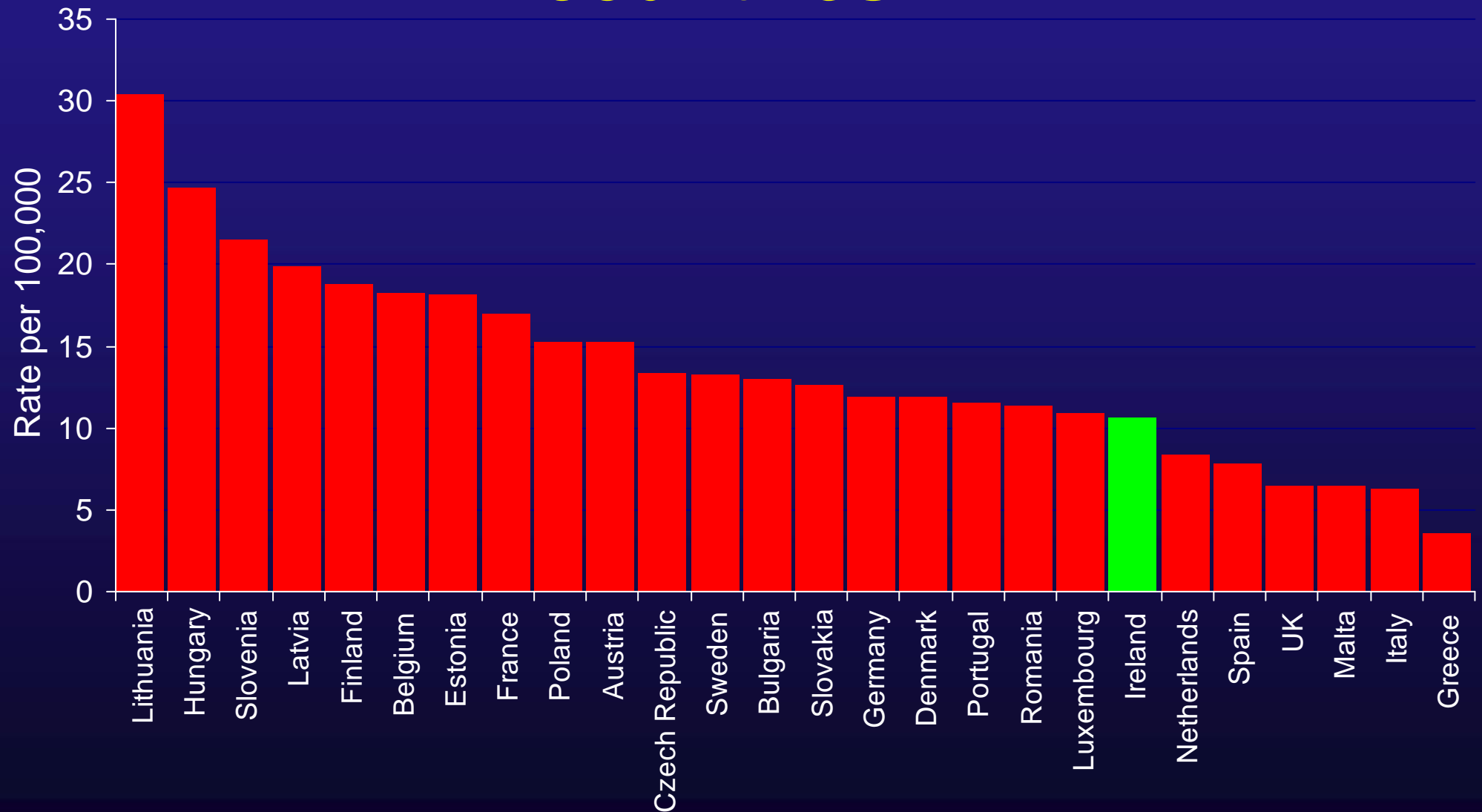


# Is suicide a major cause of death among young adults in Ireland?

Suicide accounted for 229 (25%) of the 923 deaths of 15-34 year-olds that were registered in 2009.

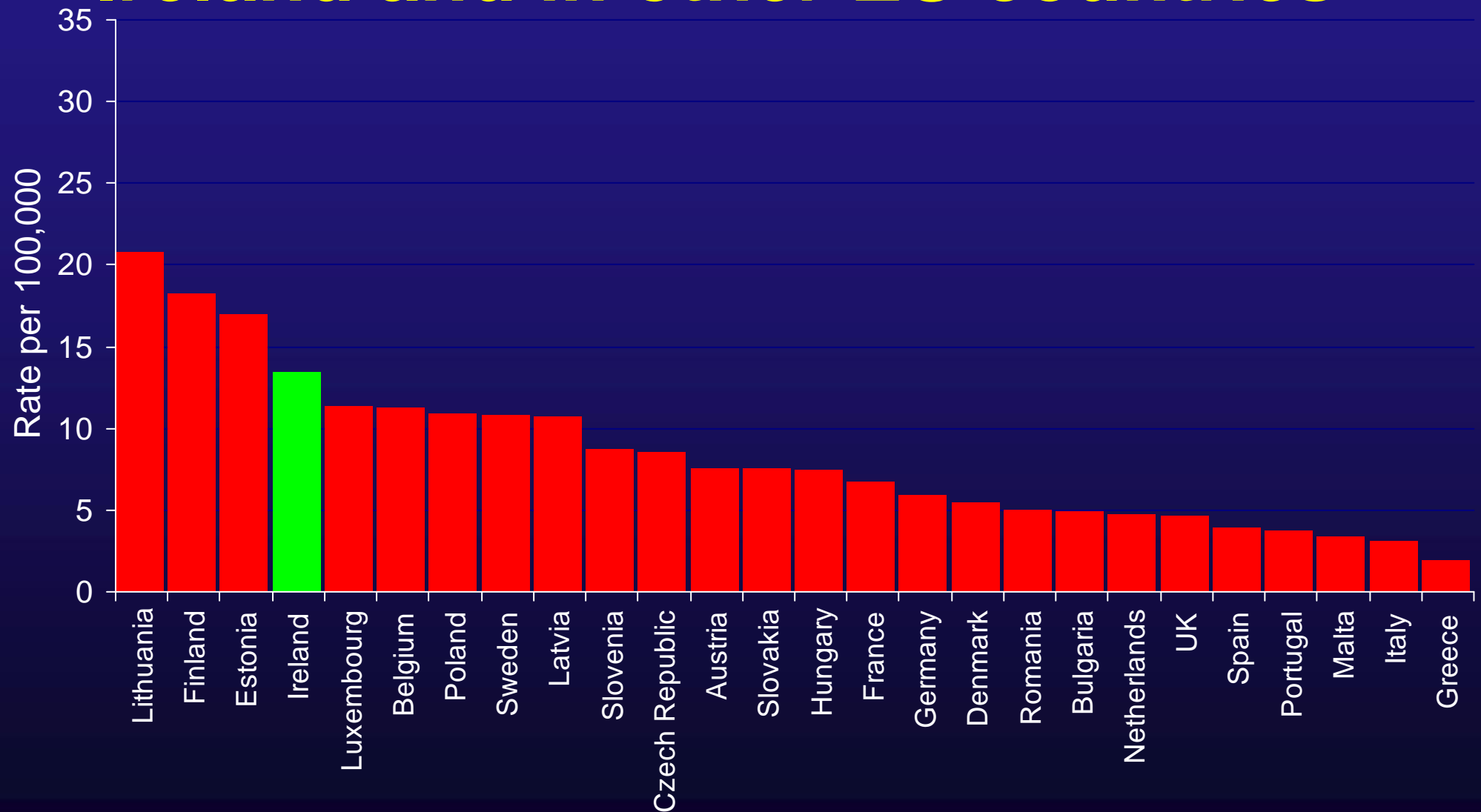


# Suicide in Ireland and in other EU countries



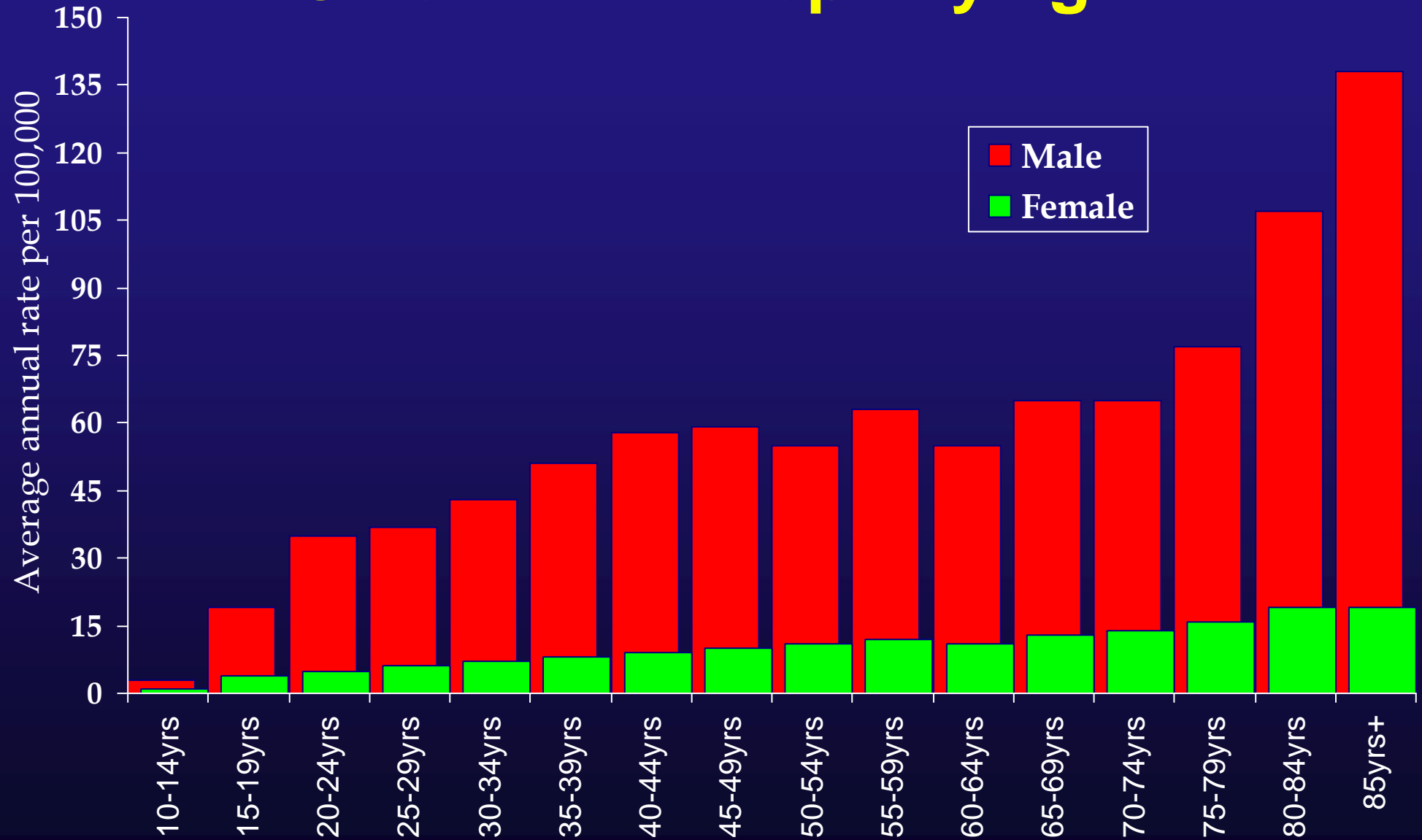
Based on WHO data accessed on 31 March 2011. Data are for 2004-2008 except for Belgium (1999).

# Suicide rate of 15-24 year-olds in Ireland and in other EU countries

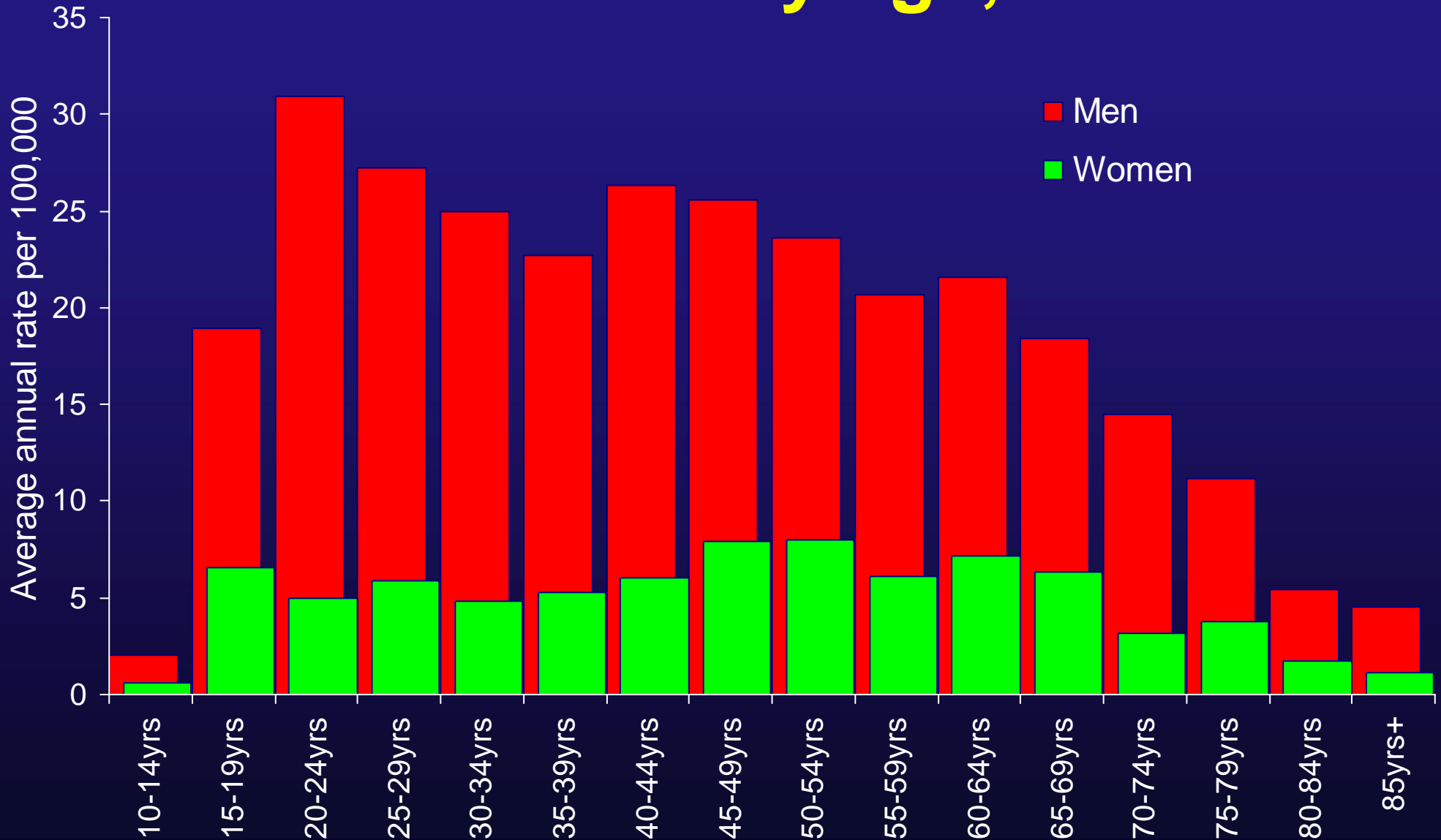


Based on WHO data accessed on 31 March 2011. Data are for 2004-2008 except for Belgium (1999).

# Suicide in Europe by age

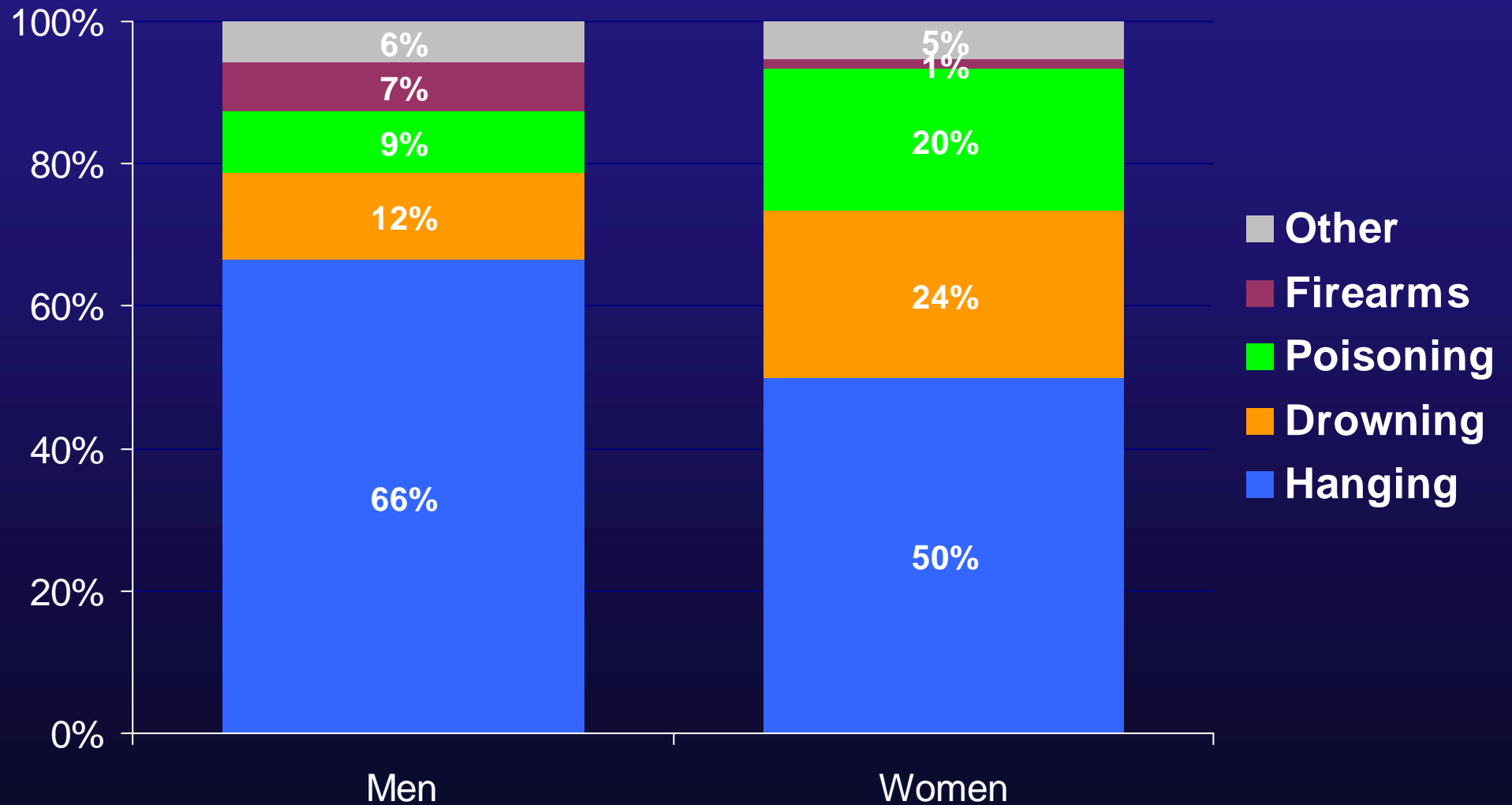


# Suicide in Ireland by age, 2004-2009



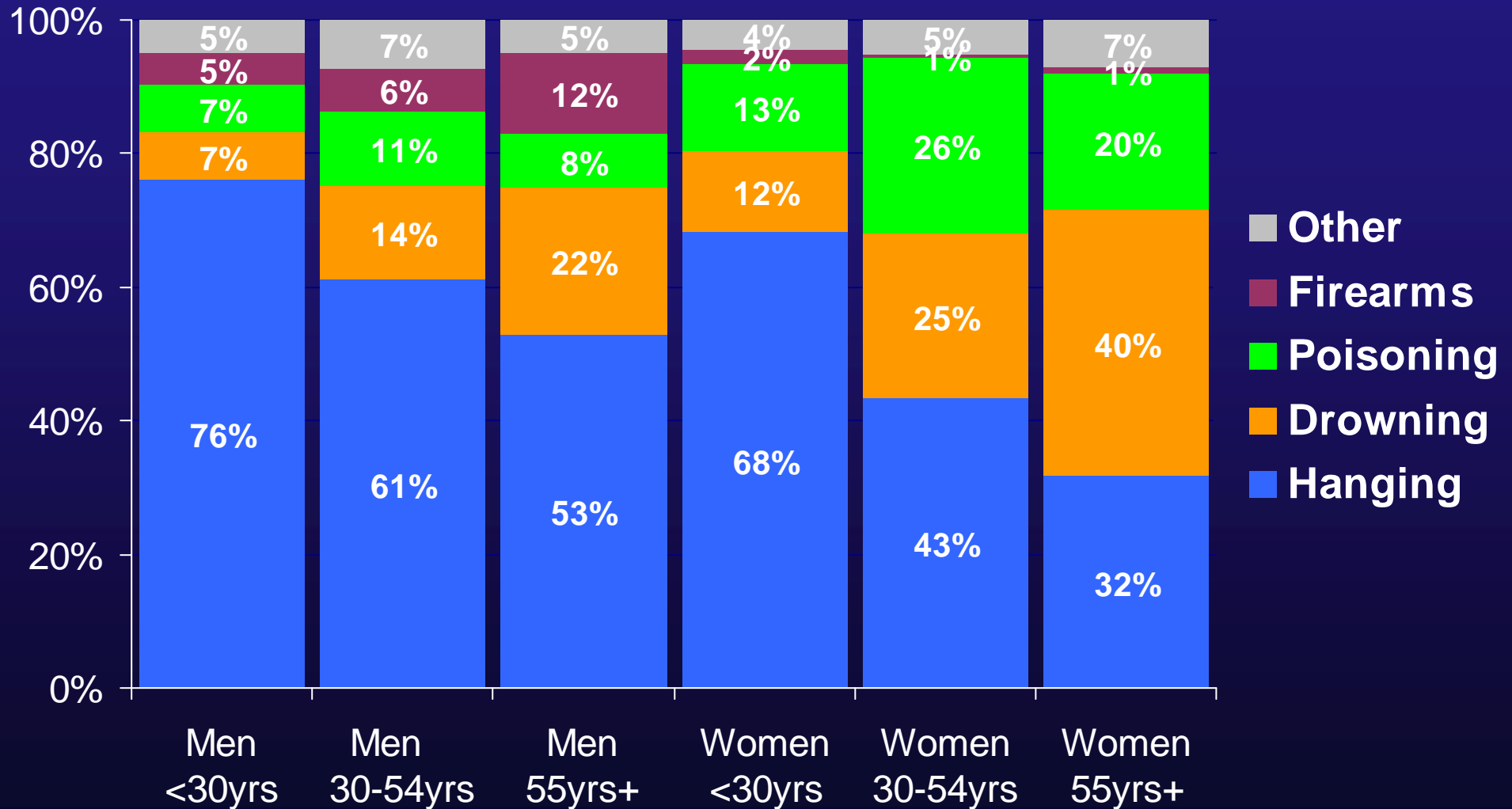


# Method of suicide in Ireland by gender



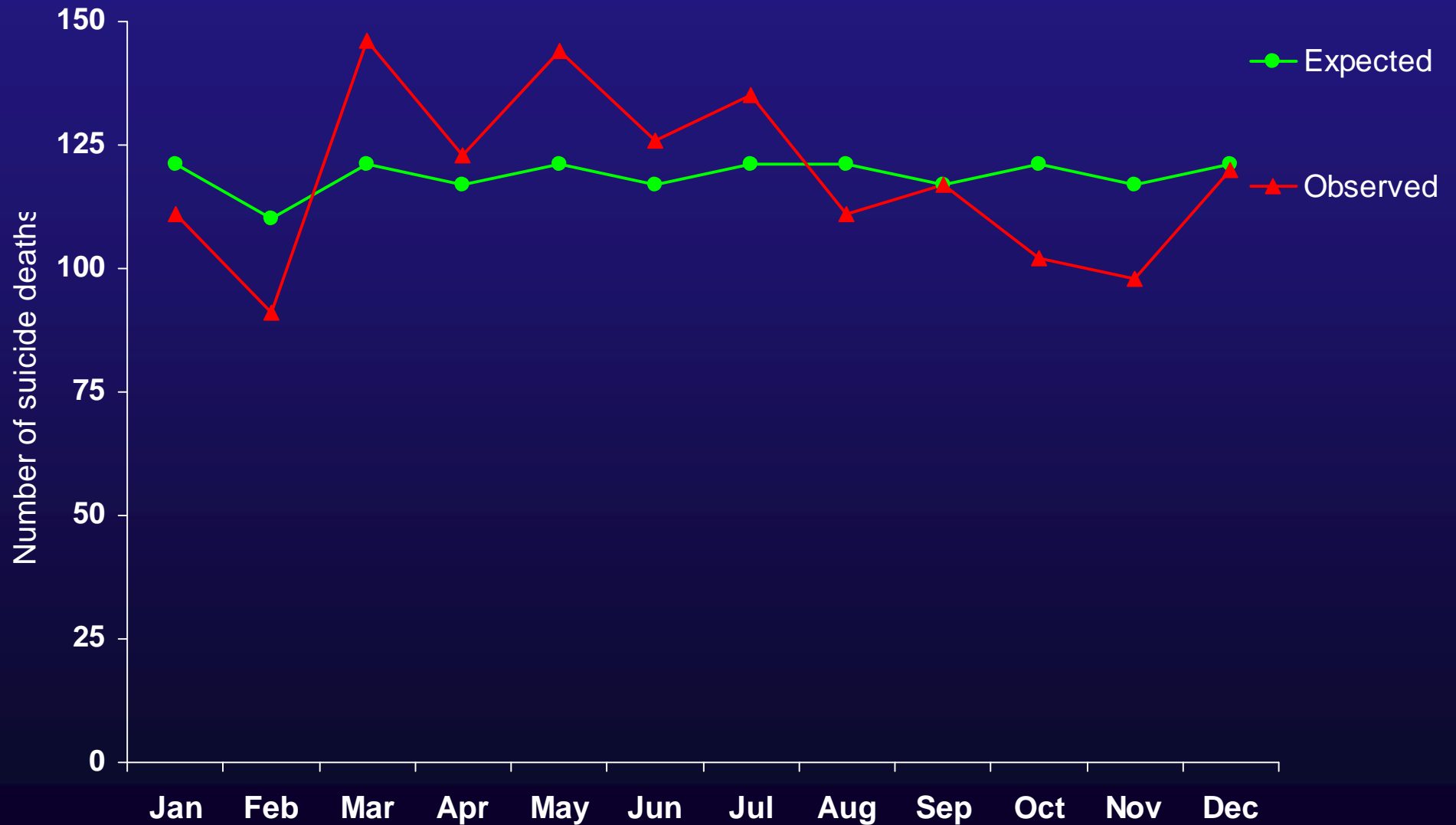
*Based on 2004-2008 data*

# Method of suicide in Ireland by gender and age

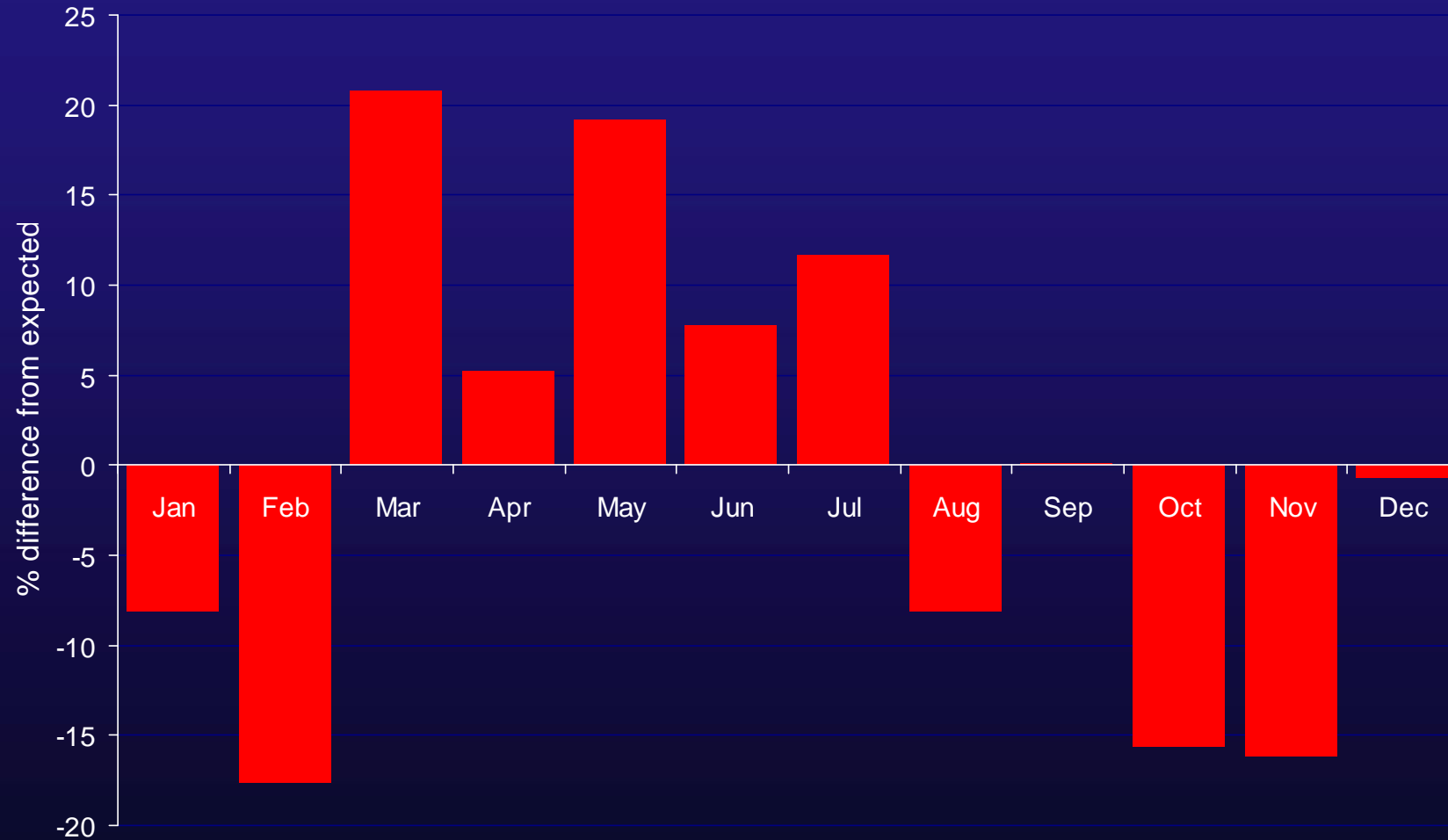


*Based on 2004-2008 data*

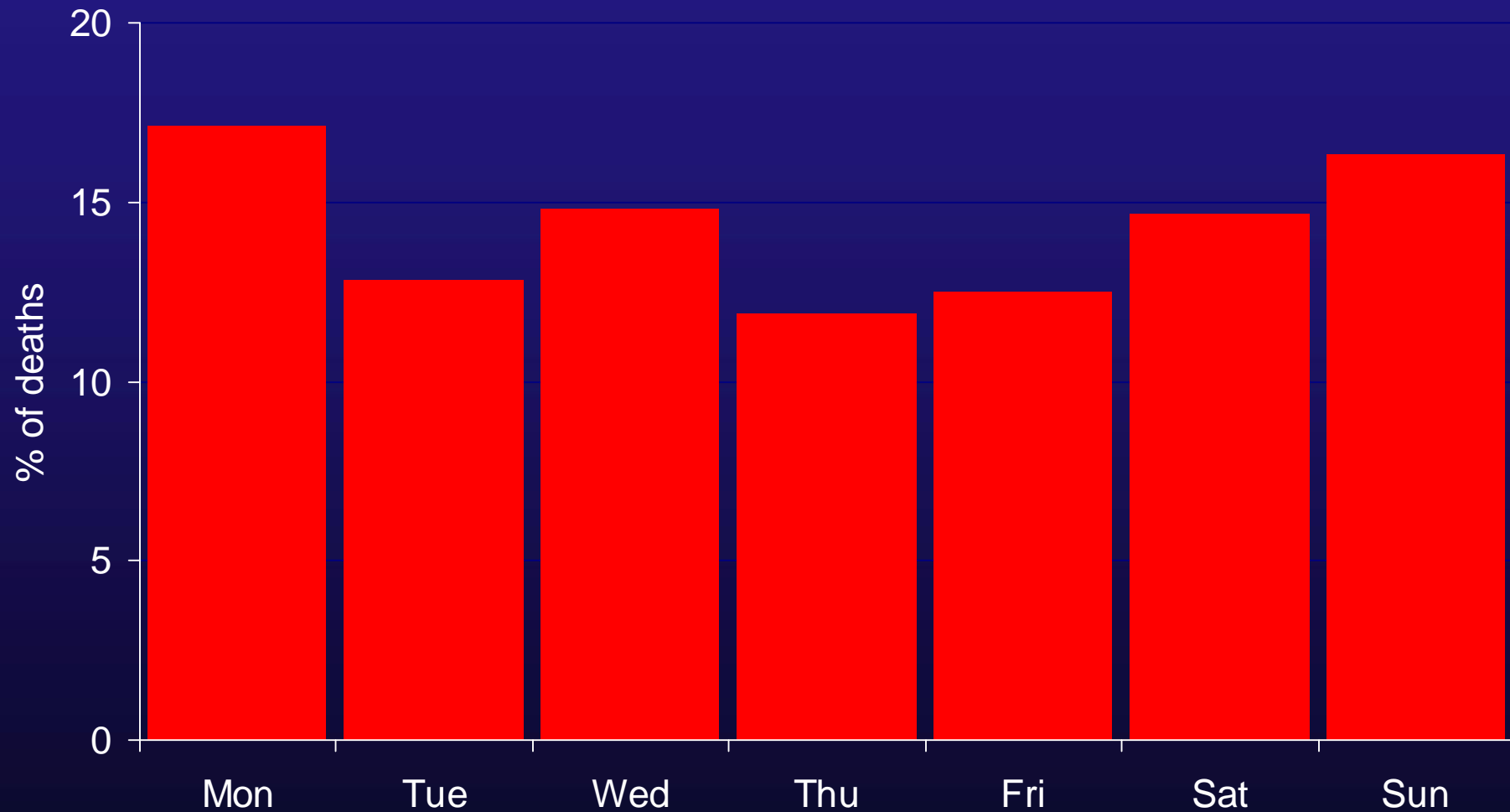
# Monthly variation in suicide, 2006-2008



# Monthly variation in suicide, 2006-2008

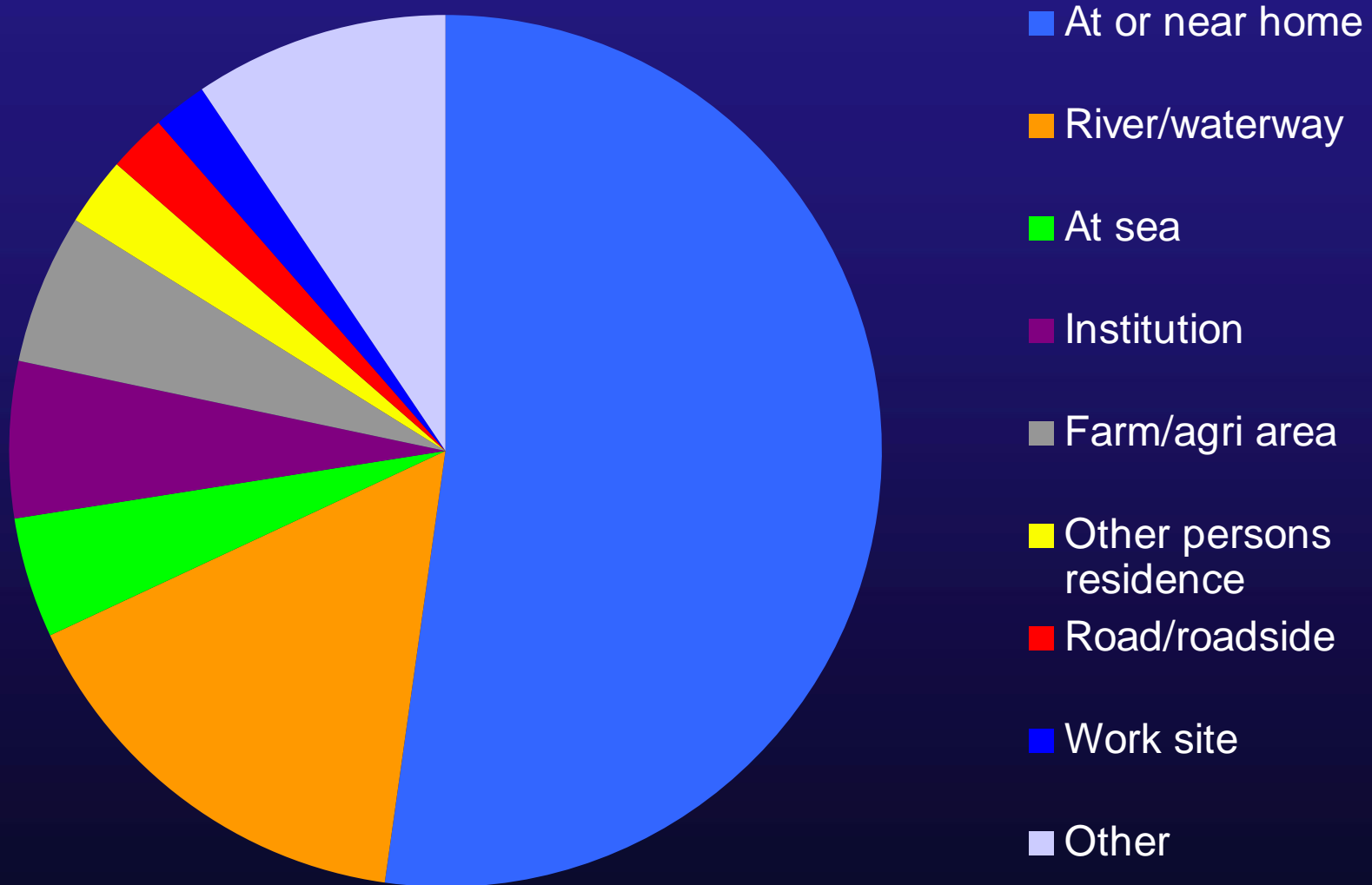


# Suicide in Ireland by day of death



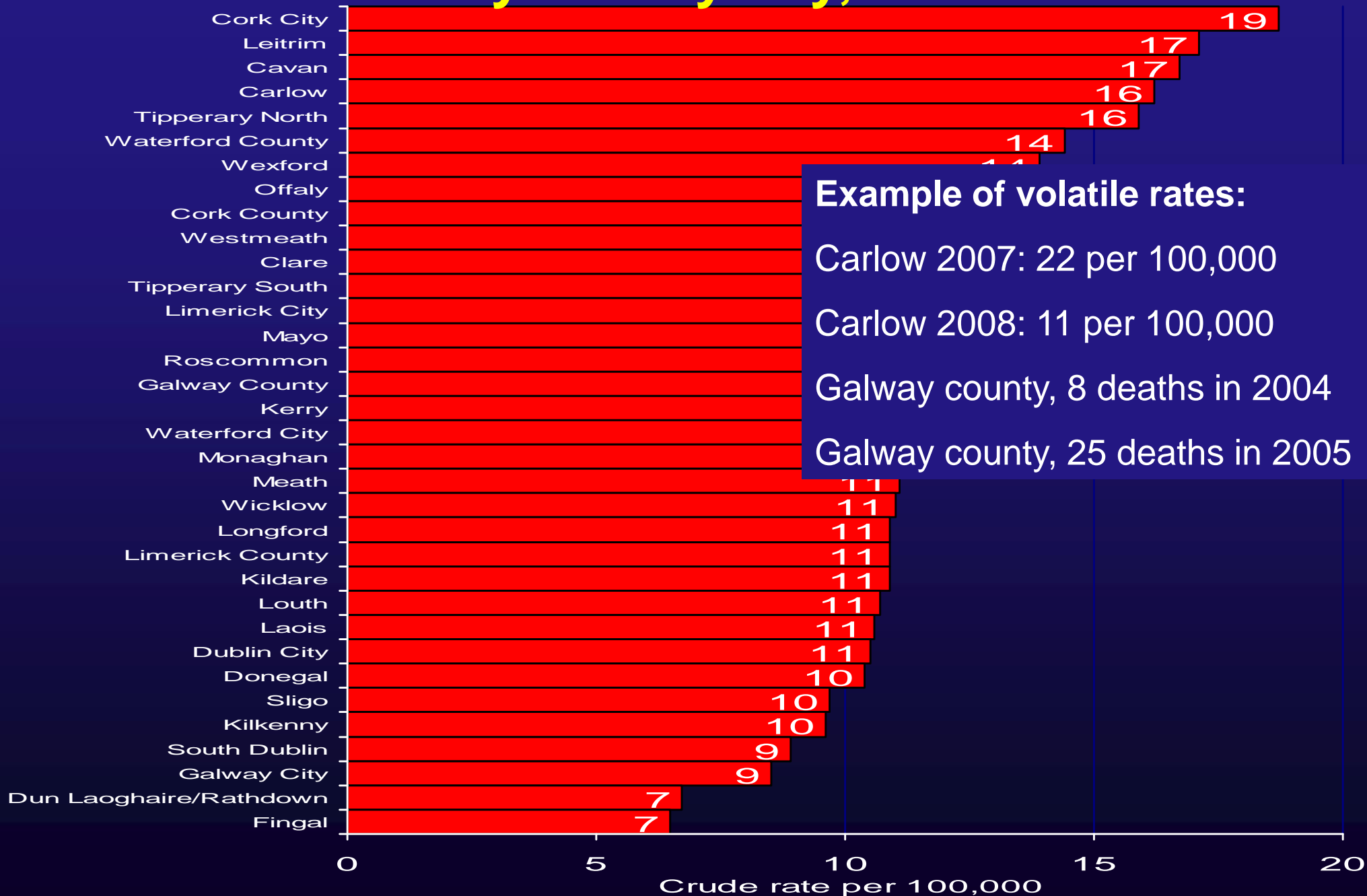
*Based on 2005-2006 data*

# Location of suicide deaths in Ireland

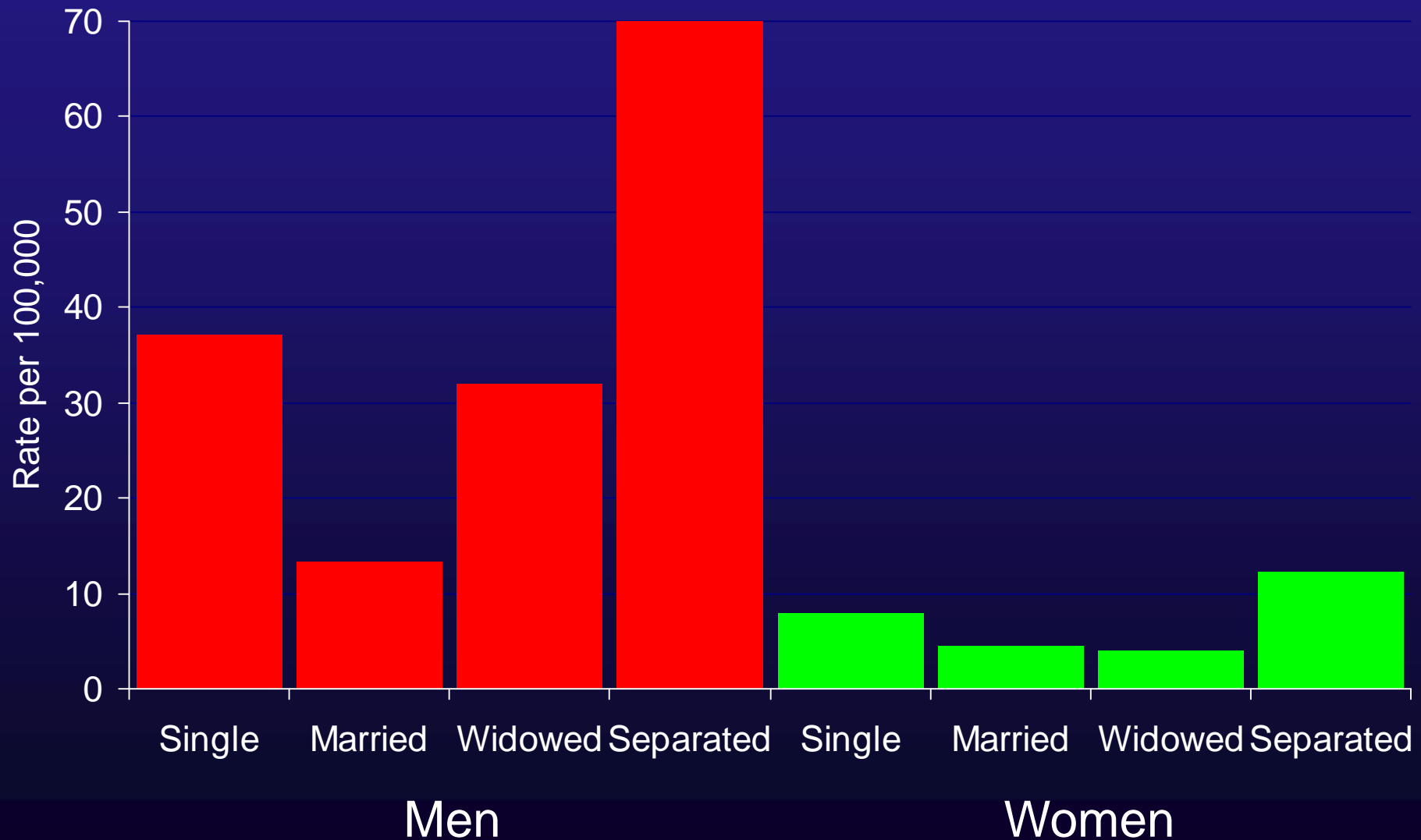


*Based on 2002 data*

# Suicide by county/city, 2004-2010



# Suicide in Ireland by marital status and gender



*Based on 2002 data*



# Suicide in Ireland by domestic situation and gender



*Based on 2002 data*

# Suicide in Ireland

## by employment status and gender



*Based on 2002 data*