# Cancer Factsheet Mouth & pharynx

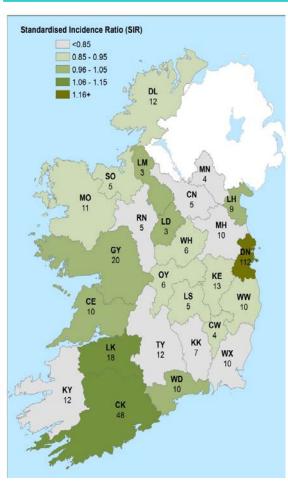


### **Key facts**

|   | <b>Females</b>   | Males            | <b>Total</b>     |
|---|------------------|------------------|------------------|
| Number of new cases per year                              | 138              | 339              | 477              |
| Incidence rate (cases per 100,000 per year)               | 5.2              | 14.1             | -                |
| Cumulative lifetime risk of diagnosis (to age 74)         | 1 in 227         | 1 in 82          | -                |
| Percentage of all invasive cancers *                      | 1.3%             | 2.9%             | 2.1%             |
| Ranking among most common cancers *                       | 16 <sup>th</sup> | 8 <sup>th</sup>  | 12 <sup>th</sup> |
| Number of deaths per year                                 | 49.0             | 114              | 163              |
| Mortality rate (deaths per 100,000 per year)              | 1.8              | 5.0              | -                |
| Cumulative lifetime risk of death (to age 74)             | 1 in 695         | 1 in 231         | -                |
| Percentage of all cancer deaths                           | 1%               | 2%               | 2%               |
| Ranking among most common invasive cancer deaths          | 18 <sup>th</sup> | 13 <sup>th</sup> | 16 <sup>th</sup> |
| Number of people with this cancer still alive, end 2015 # | 938              | 1,677            | 2,615            |
| Number alive per 100,000                                  | 41.0             | 73.0             | 56.0             |

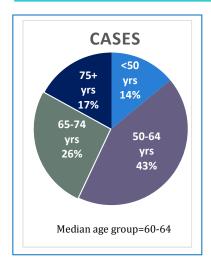
<sup>\*</sup>invasive cancers only, excluding non-melanoma skin cancer

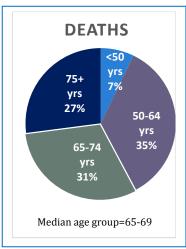
### Cases mapped by county



## Annual average number of cases, 2005-2015: colours indicate higher or lower than expected based on national rates

### Age profile at diagnosis and death





### Top risk factors

- Tobacco smoking
- Smokeless tobacco
- Involuntary (passive) smoking
  - Alcohol
- Infection with human papilloma viruses (HPV)
  - Low socio-economic status
    - *Family history*

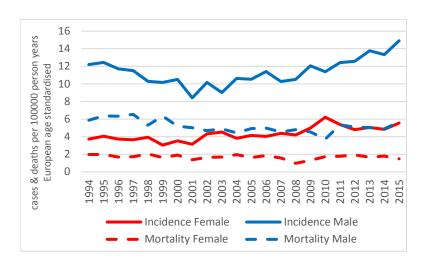
<sup>#</sup> diagnosed since 1994

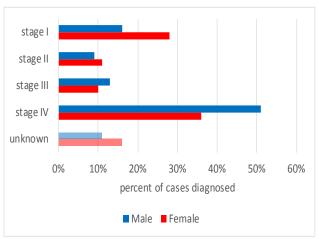
### Mouth & pharynx



### Trend in incidence and mortality

### Stage at diagnosis





APC<sup>#</sup> Incidence: Males (*94-01*) -4.6%, (*01-15*) 3.1%; Females (*94-15*) 2.2% Mortality: Males (*94-09*) -2.4%; (*09-15*) 3.9%; Females (*94-15*) -0.6% # Annual Percentage Change

### Treatment within 1 year

# 97% pathologically diagnosed 35% Chemotherapy 49% Surgery 65% Radiotherapy

### 5 year net survival

| Diagnosed | Net survival (age standardised) | 95%<br>confidence<br>interval |
|-----------|---------------------------------|-------------------------------|
| 1994-1998 | 40.1%                           | 36.8-43.4%                    |
| 1999-2003 | 39.9%                           | 36.5-43.3%                    |
| 2004-2008 | 46.0%                           | 42.9-49.3%                    |
| 2009-2013 | 49.9%                           | 46.4-53.4%                    |

\*10 year net survival (hybrid analysis):

41.8% (36.3-47.3%)

