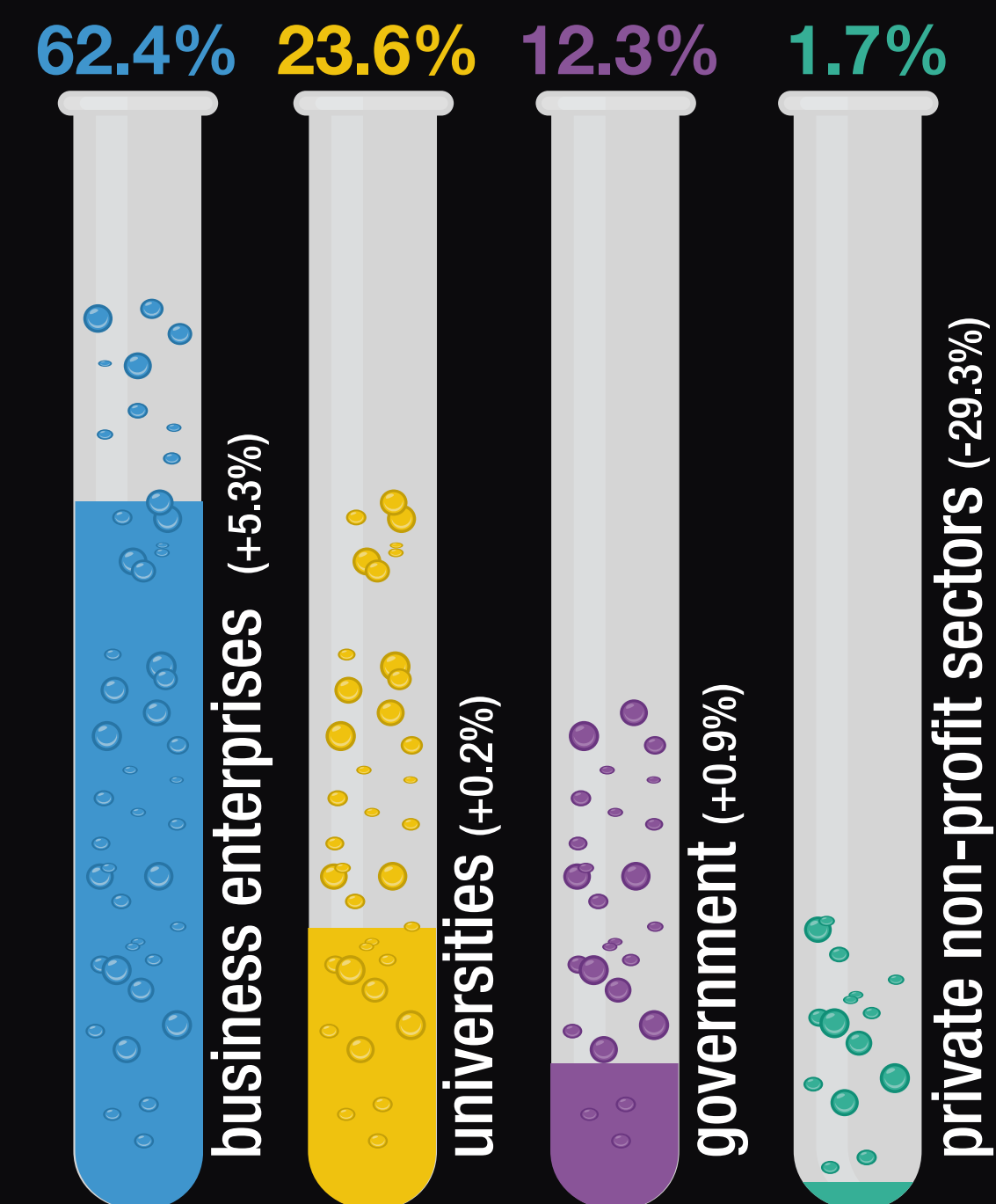




YOY percentage changes

## GROSS DOMESTIC EXPENDITURE for Intra-muros R&D

**23.8** billion euro (+2.7%)



## the ratio of GERD to GDP?

**1.38%**

## FUNDING SOURCES

**55.2%** national private sector  
(13.1 billion)

**32.3%** government  
(7.7 billion)

**11.7%** foreign investors  
(2.8 billion)

**0.8%** universities  
(0.2 billion)

\*business enterprises, non-profit institutions

## R&D PERSONNEL

**482,703** persons employed  
involved in R&D activities  
(+10.9%)

**32%** women (+7.2%)

**195,560** researchers  
(+5.2%)

**34%** women (+2.6%)

**317,628** full-time equivalent units  
(+9.5%)

**32%** women (+6.3%)