



2019 STUDY ON THE PERCEPTION & NOTORIETY OF SCIENCE & RESEARCH IN LUXEMBOURG

context of the study

- Since 2007, the « FNR » implements a barometric survey on the perception and the value attributed to scientific research by the general public.
- Similar survey modules were implemented in 2011, 2013 and 2017.
- The goal of the research module is **to measure the evolution of perception over time**
 - a part of the questioning remained unchanged
 - a part of the questioning has been adapted
- In the past, surveys have been implemented by CATI methodology (Computer Assisted Telephone Interviews).
- This method is based on
 - random generating of calls based on landline numbers
 - a selective recruitment according to representative quotas
- The rampant democratization of flat fees for mobile telephony has led to a **quantitative erosion of landlines** within households.
- Following our preliminary discussions, we opted for the very first time in 2017, for a **methodological combination** of
 - the cawi method (computer aided web interviews) (70 % of respondents)
 - the cati method (computer aided telephone interviews) (30 % of respondents)
- We also increased the sample to **600 respondents representative of the population.**
- The sample is representative based upon gender quotas, four age quotas and three nationality quotas
- For your reading comfort we do not show decimals.
- The sum of the graphical totals will not always be exactly 100%

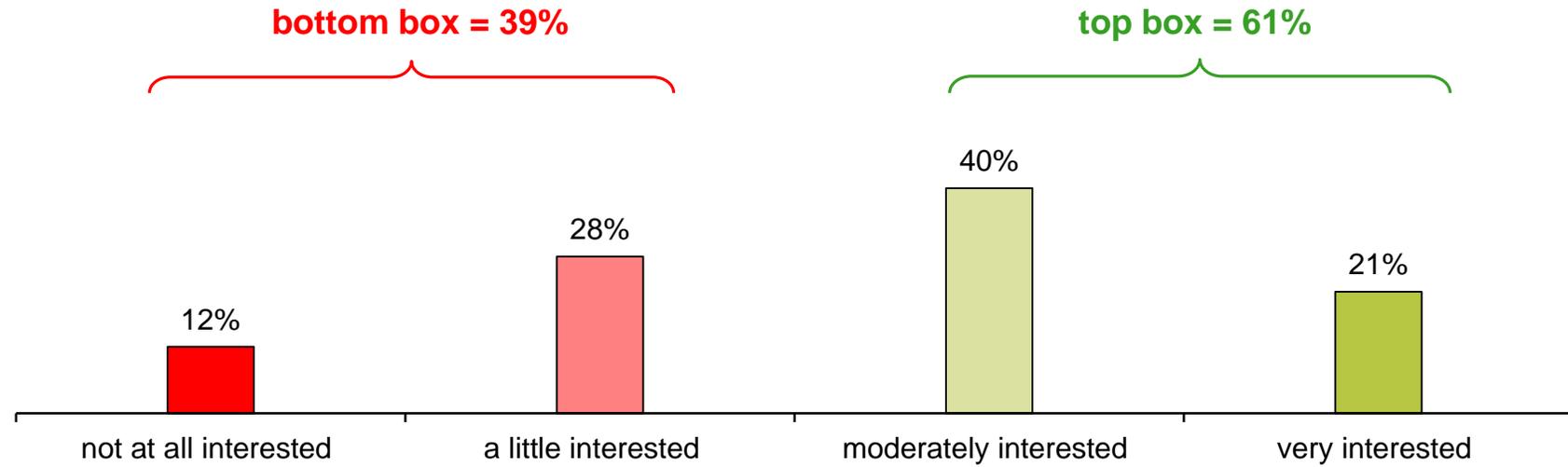
description of the sample

	2019	%	2017	%	2013	%	2011	%
Total	600	100.0%	600	100.0%	503	100.0%	503	100.0%
Gender								
Male	300	50.0%	300	50.0%	247	49.1%	248	49.3%
Female	300	50.0%	300	50.0%	256	50.9%	255	50.7%
Age								
15-29 years	137	22.8%	138	23.0%	115	22.9%	110	21.9%
30-44 years	165	27.5%	166	27.7%	144	28.6%	146	29.0%
45-59 years	157	26.2%	157	26.2%	129	25.6%	128	25.4%
60 years or more	141	23.5%	139	23.2%	115	22.9%	117	23.3%
Refusal	0	0.0%	0	0.0%	0	0.0%	2	0.4%
Nationality								
Luxembourgish	315	52.5%	324	54.0%	288	57.3%	299	59.4%
Portuguese	95	15.8%	92	15.3%	80	15.9%	74	14.7%
Other nationalities	190	31.7%	184	30.7%	135	26.8%	130	25.8%
Education level								
Primary +3 years	74	12.3%	73	12.2%	79	15.7%	74	14.7%
Technical / general secondary education	219	36.5%	251	41.8%	243	48.3%	237	47.1%
Post-secondary / university education	281	46.8%	257	42.8%	175	34.8%	188	37.4%
Refusal	26	4.3%	19	3.2%	6	1.2%	4	0.8%
Professional category								
Self-employed	38	6.3%	37	6.2%	29	5.8%	16	3.2%
Public-sector employee	135	22.5%	133	22.2%	88	17.5%	79	15.7%
Private sector employee	183	30.5%	185	30.8%	159	31.6%	179	35.6%
Unemployed	148	24.7%	142	23.7%	154	30.6%	166	33.0%
Student	80	13.3%	91	15.2%	72	14.3%	62	12.3%
Refusal	16	2.7%	12	2.0%	1	0.2%	1	0.2%

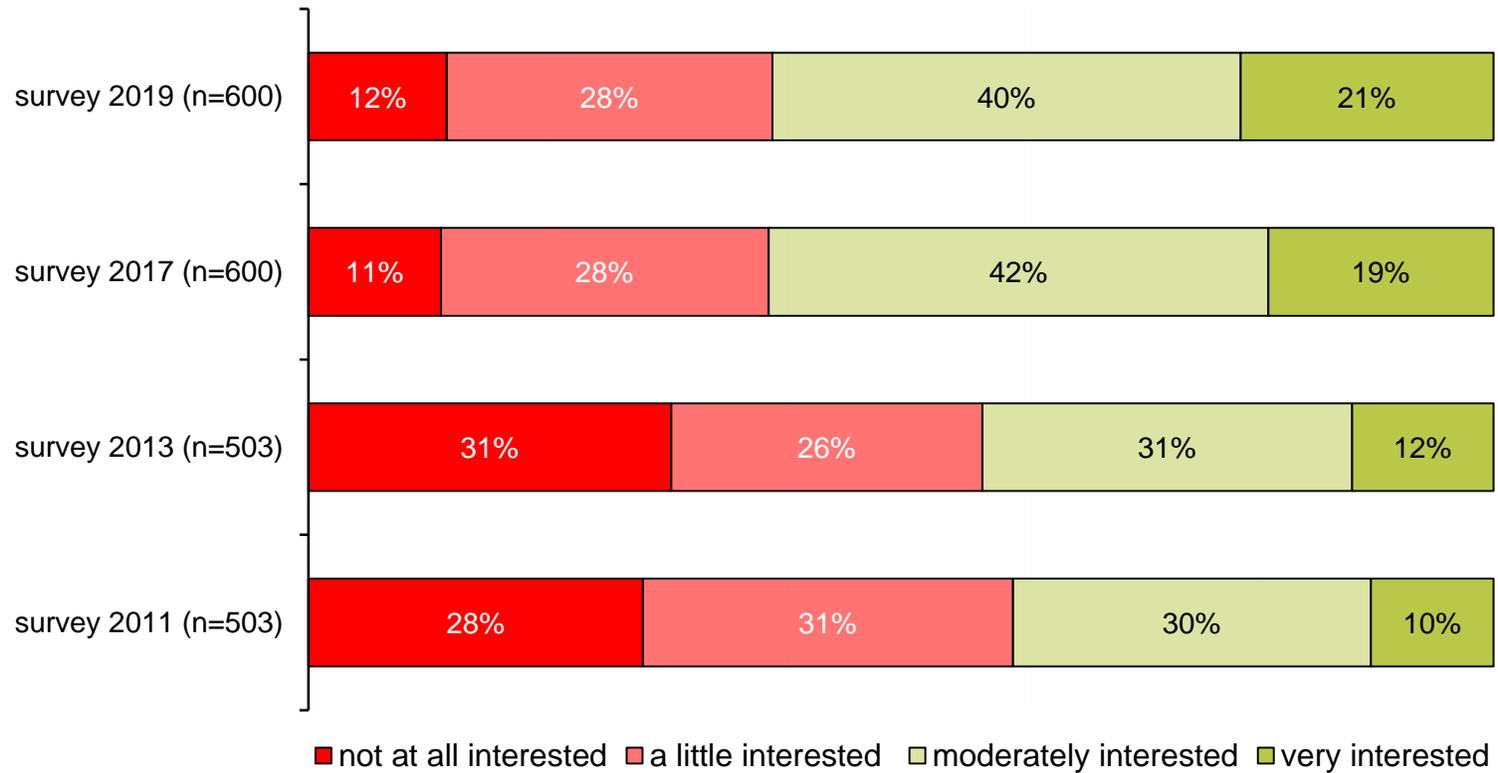
a.) level of interest and information

Q201.

With respect to science and research in Luxembourg you are... (n=600)

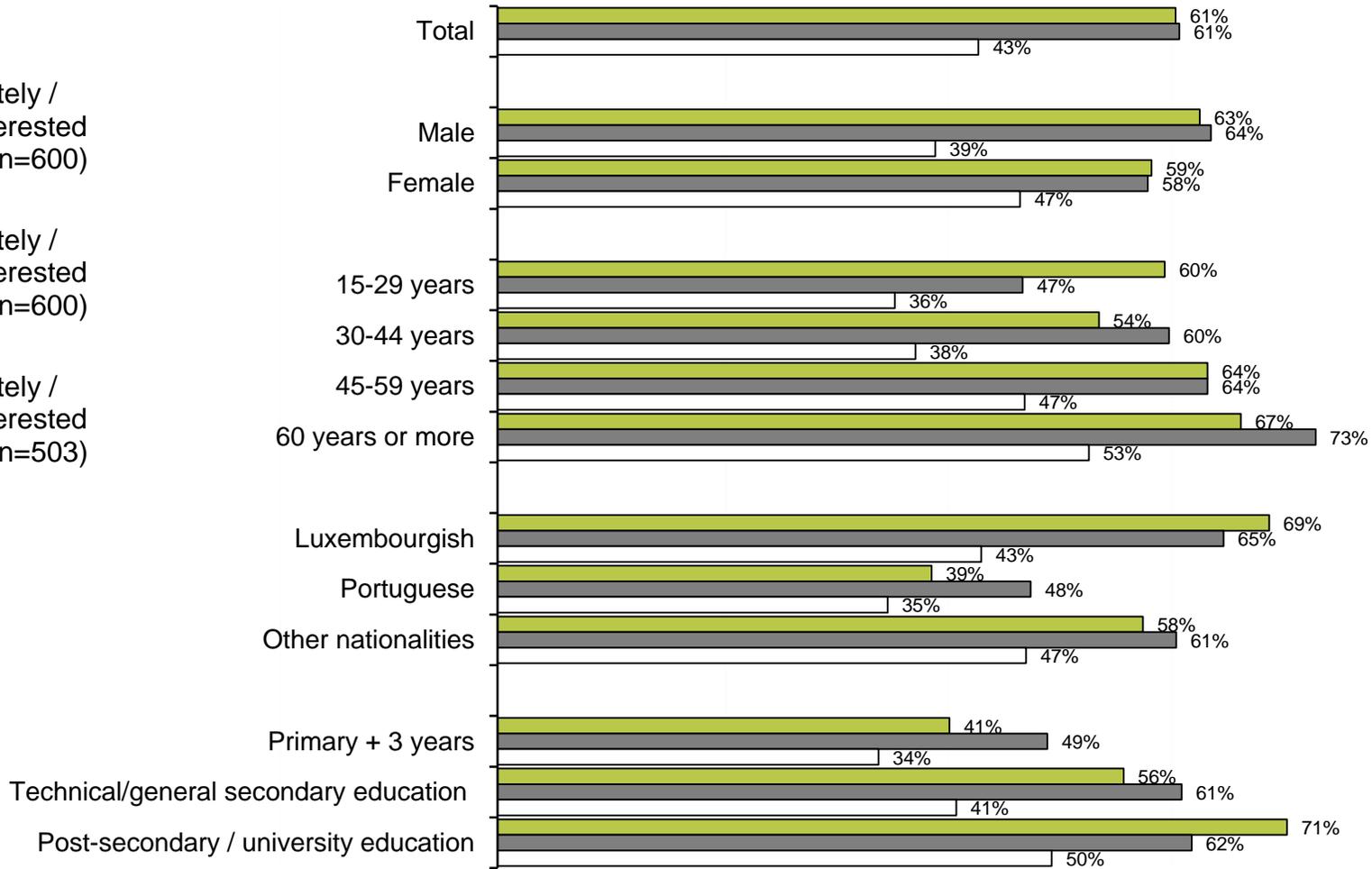


Q201.
With respect to science and research in Luxembourg you are...
Comparative survey 2019 vs. 2017/2013/2011



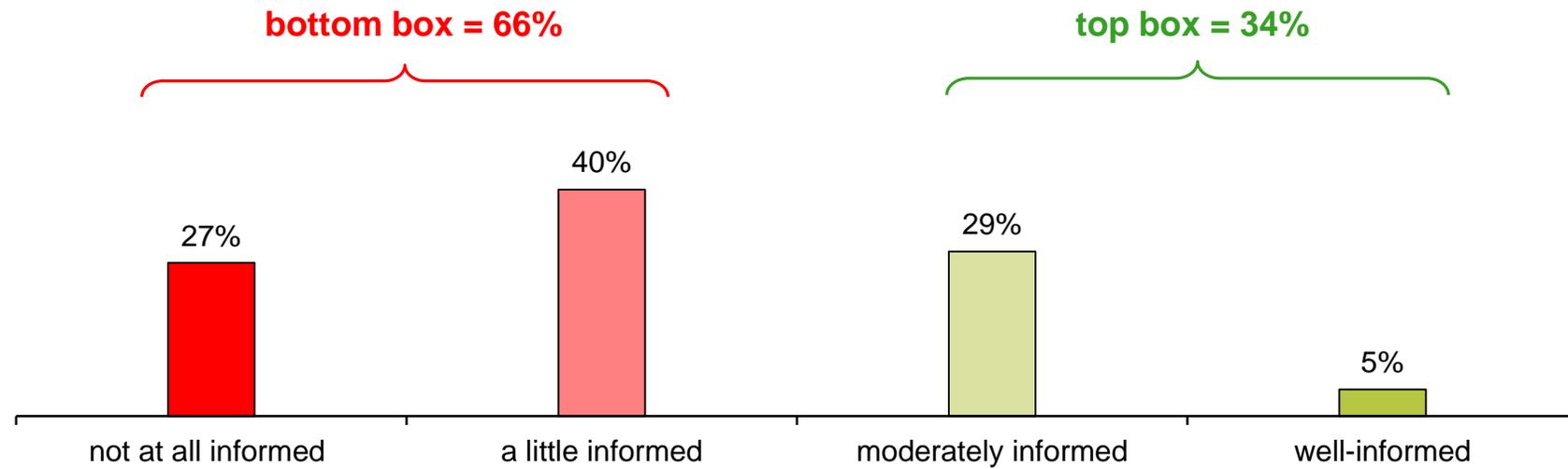
Q201.
With respect to science and research in Luxembourg you are...
Comparative survey 2019 vs. 2017/2013

- moderately / very interested - 2019 (n=600)
- moderately / very interested - 2017 (n=600)
- moderately / very interested - 2013 (n=503)



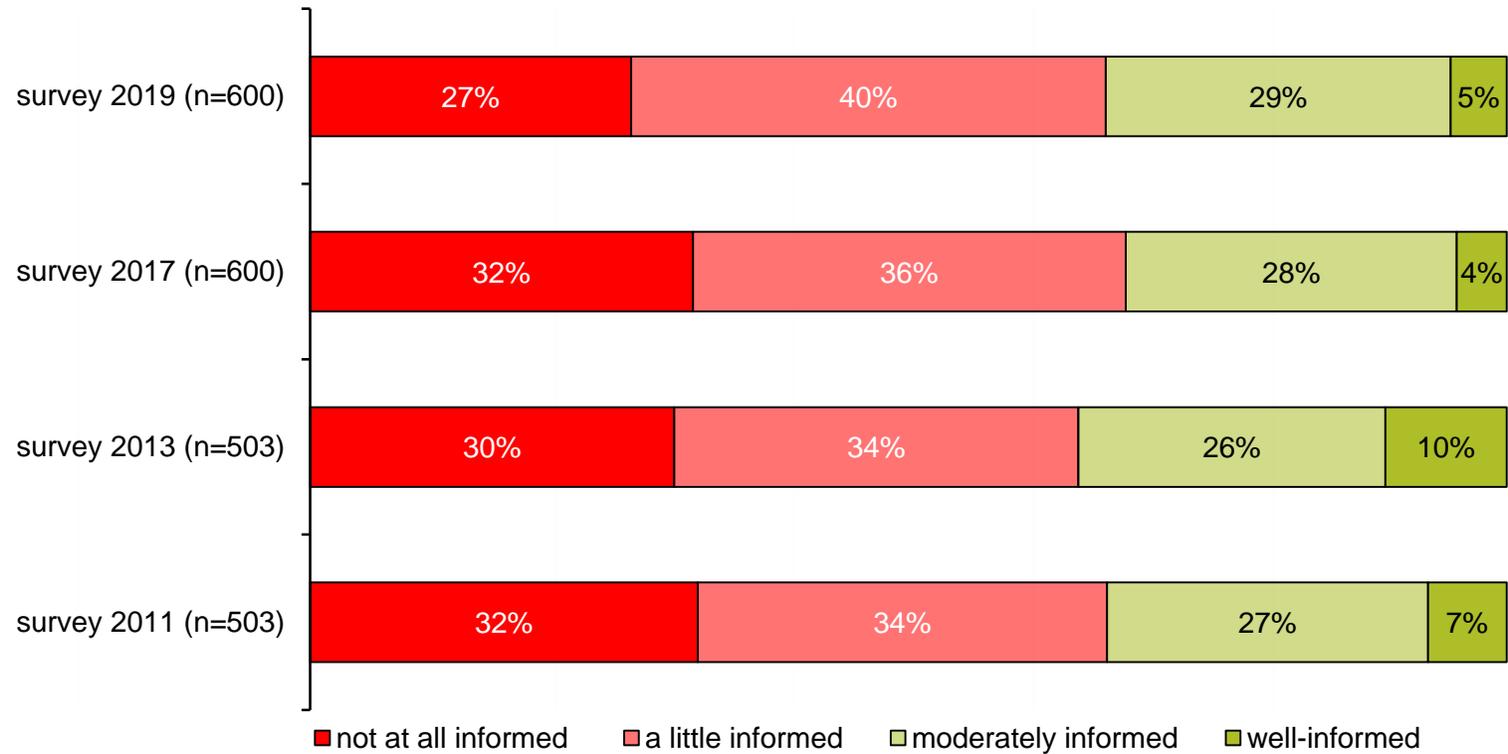
Q202.

With respect to science and research in Luxembourg you feel... (n=600)



Q202.

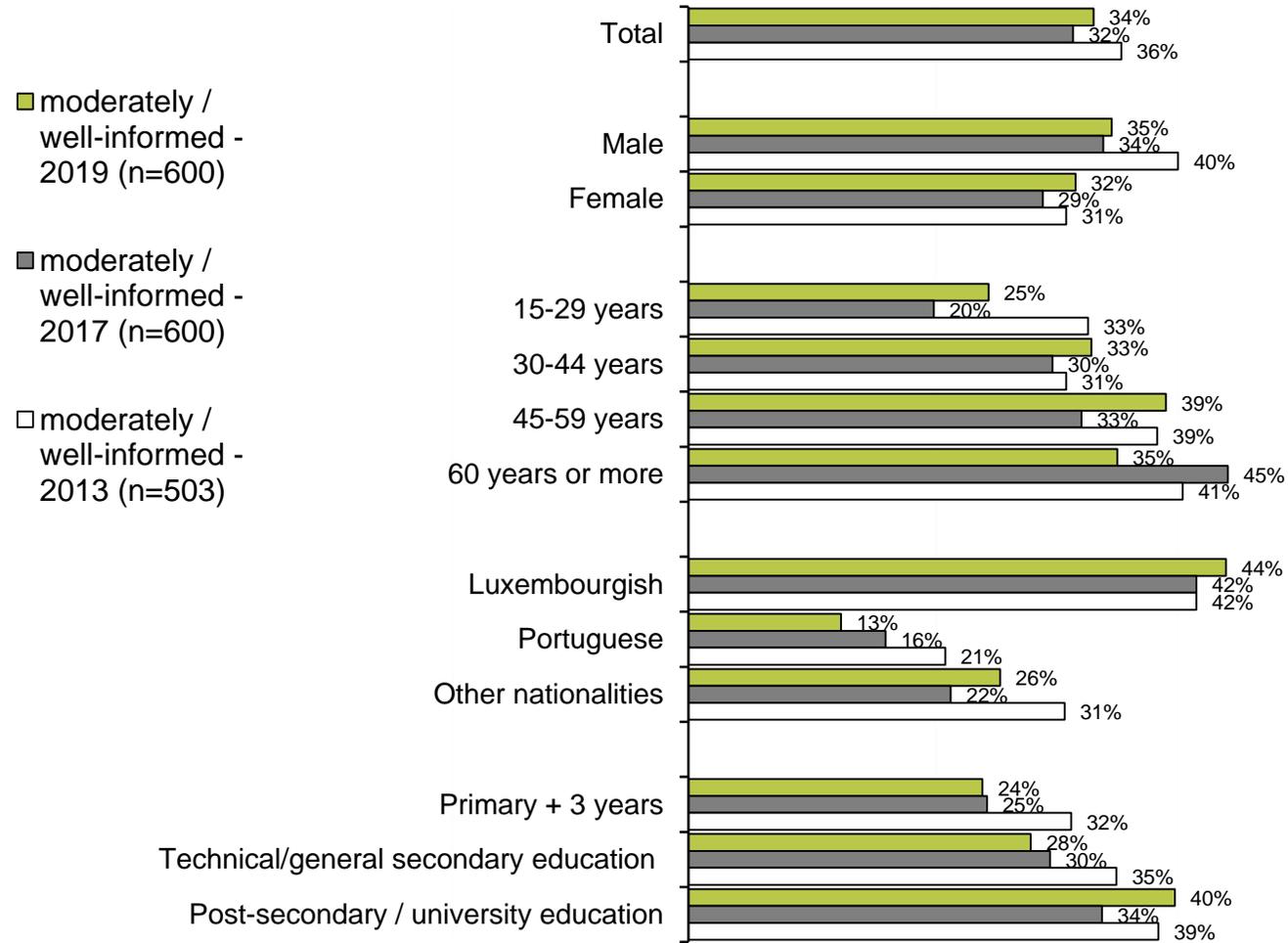
With respect to science and research in Luxembourg you feel... (n=600)
Comparative survey 2019 vs. 2017/2013/2011



the level of information is far below the level of interest and hardly changes

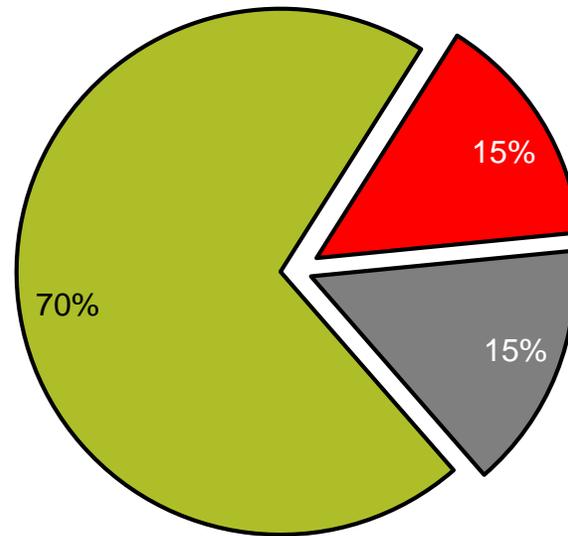
Q202.

With respect to science and research in Luxembourg you feel... (n=600)
Comparative survey 2019 vs. 2017/2013



Q203.

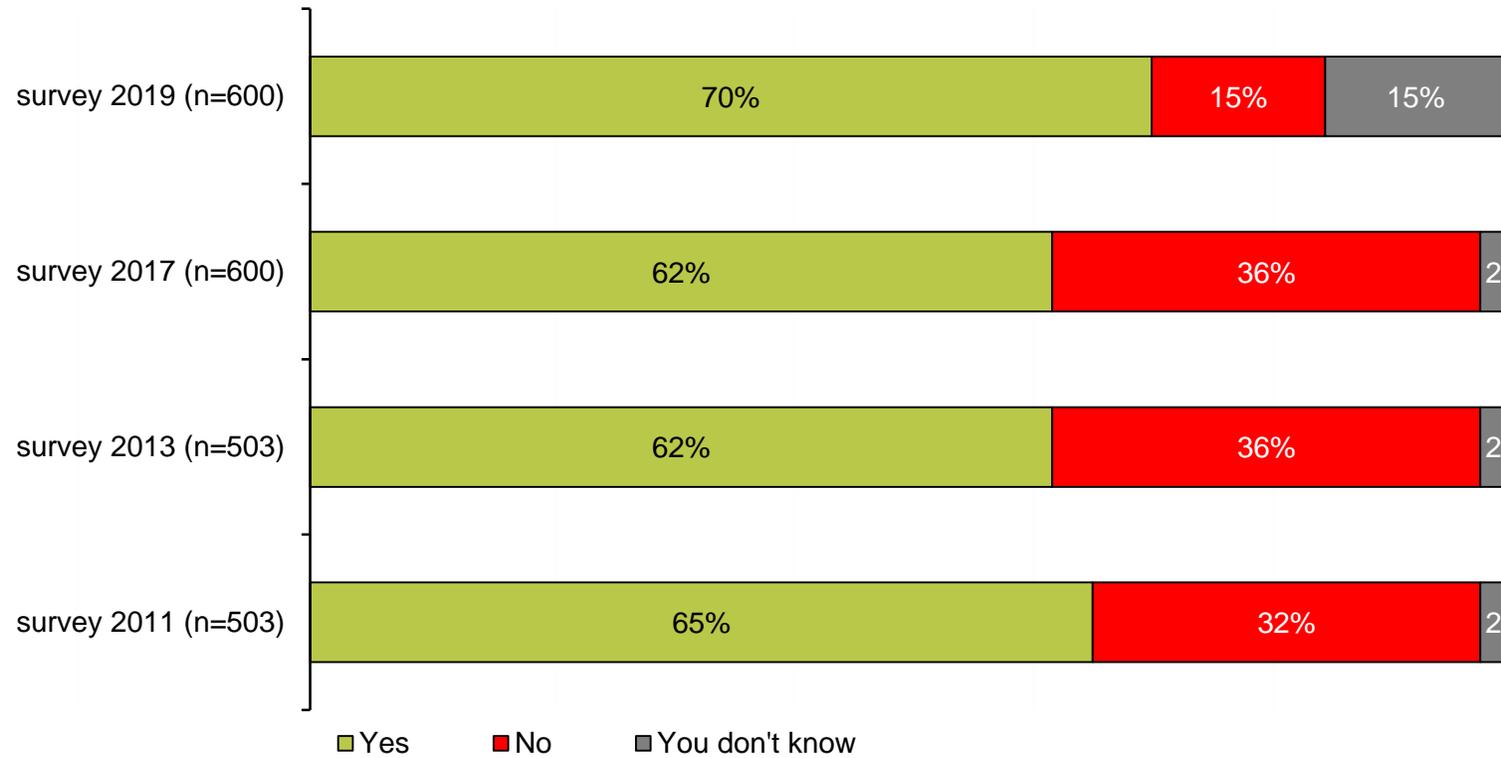
Would you like to be better informed about science and research in Luxembourg? (n=600)



■ Yes ■ No ■ You don't know

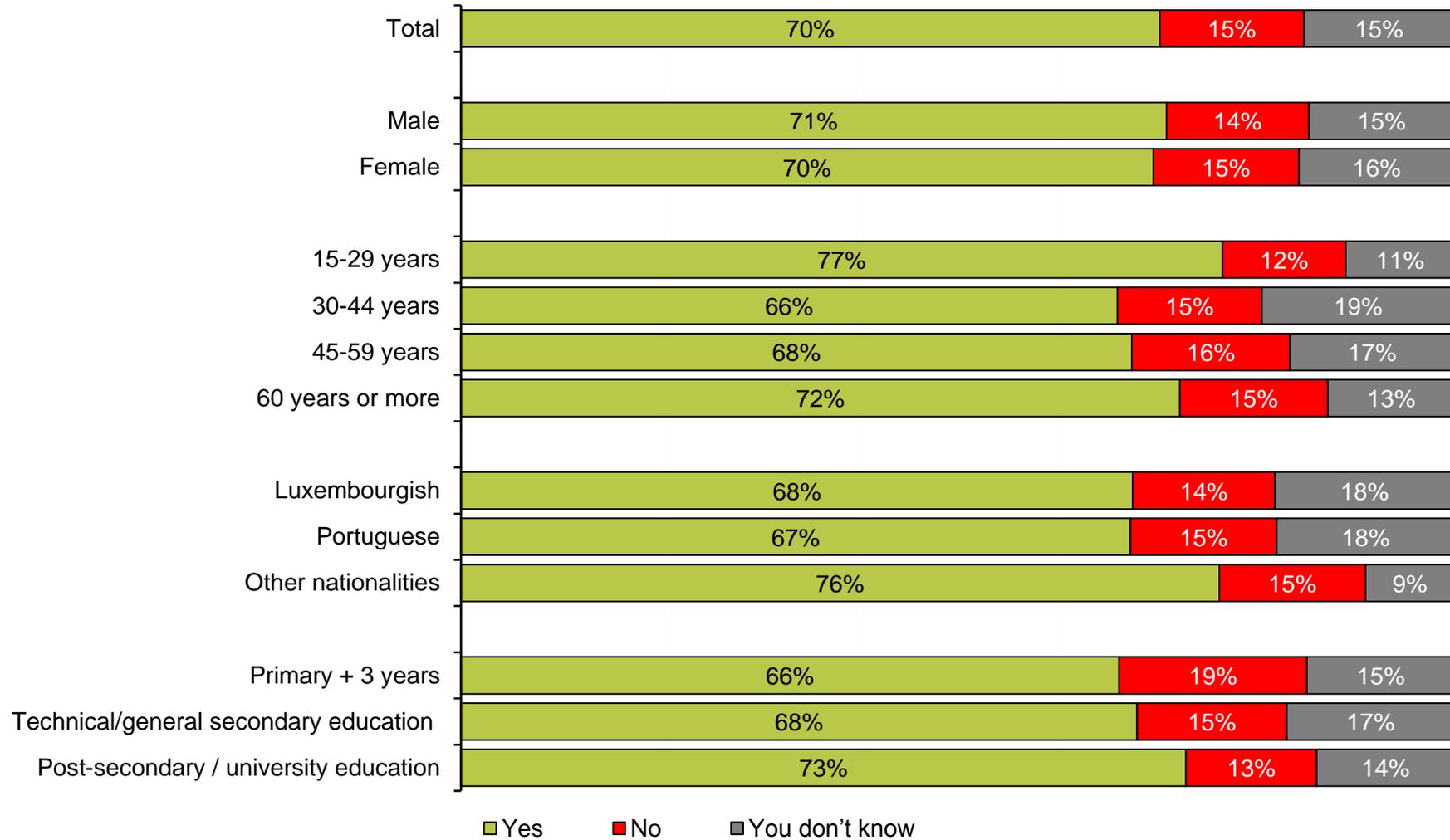
Q203.

Would you like to be better informed about science and research in Luxembourg?
Comparative survey 2019 vs. 2017/2013/2011



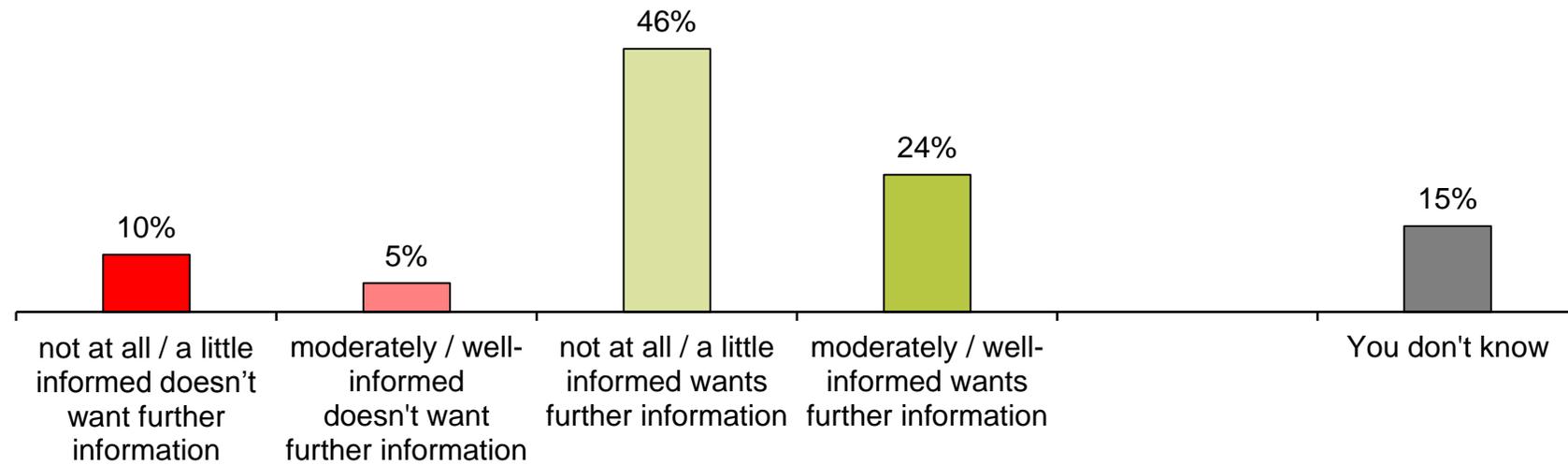
Q203.

Would you like to be better informed about science and research in Luxembourg? (n=600)



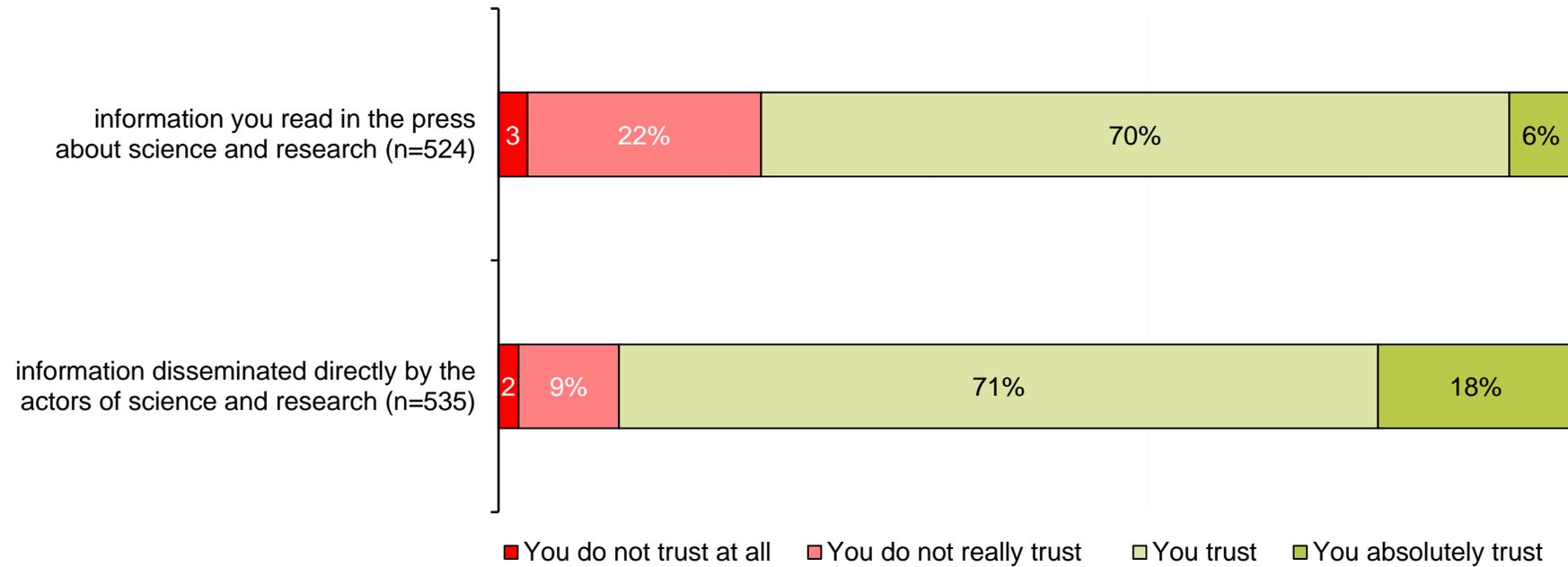
Synthetic summary of segments of the population Q202/203

Would you like to be better informed about science and research in Luxembourg?
With respect to science and research in Luxembourg you feel... (n=600)



Q202.1

What is **your** trust level in regards to...

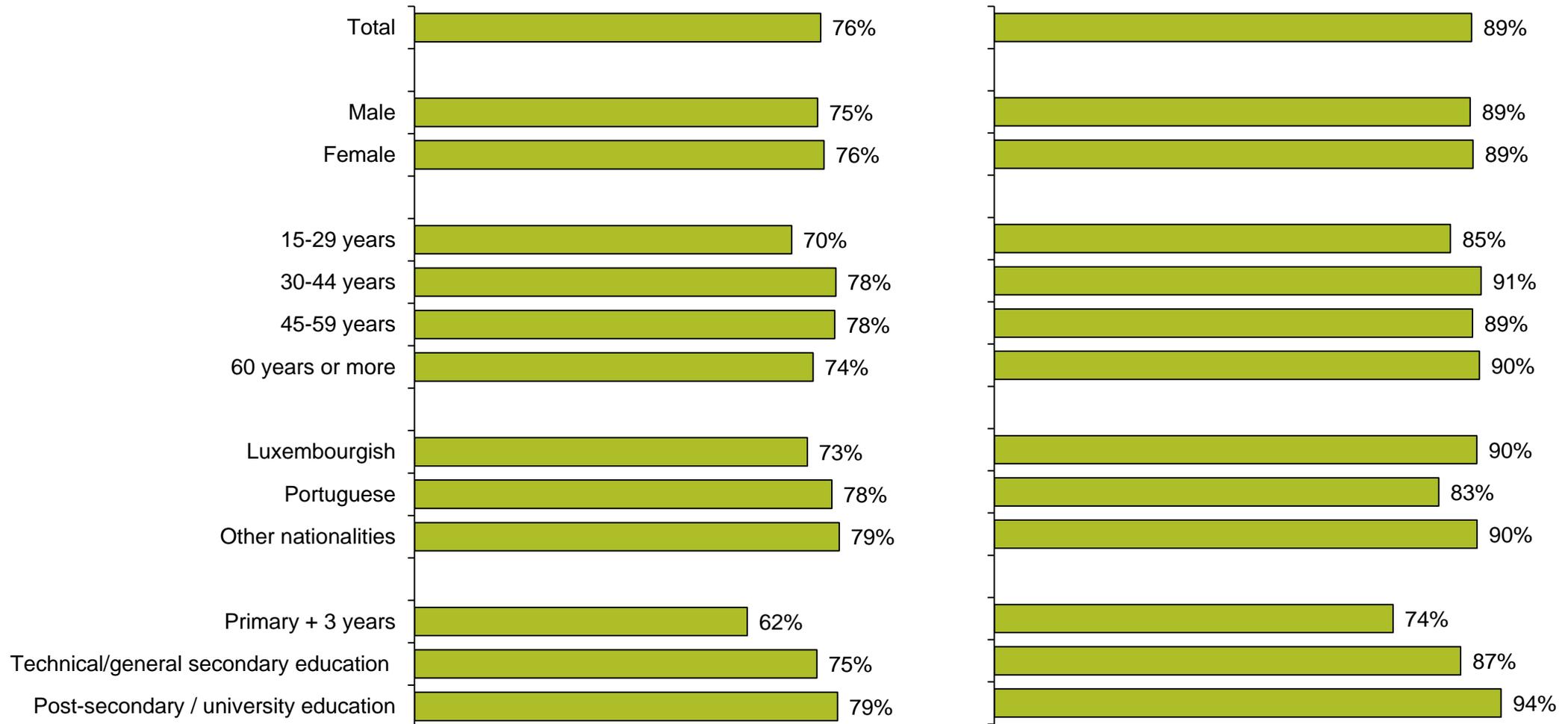


Q202.1

What is **your trust level in regards to...** (those who trust and absolutely trust)

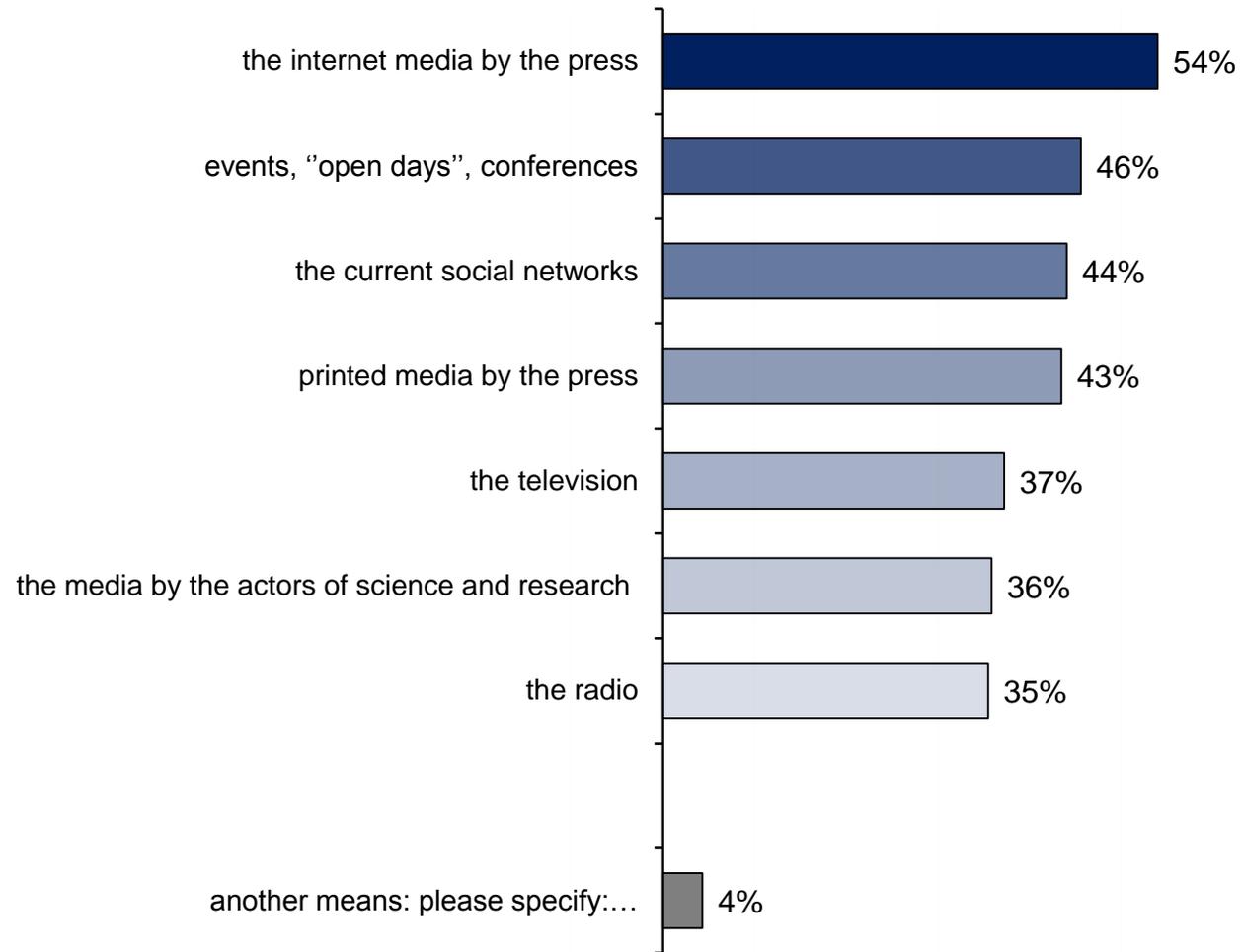
information you read in the press about
science and research (n=524)

information disseminated directly by the actors
of science and research (n=535)

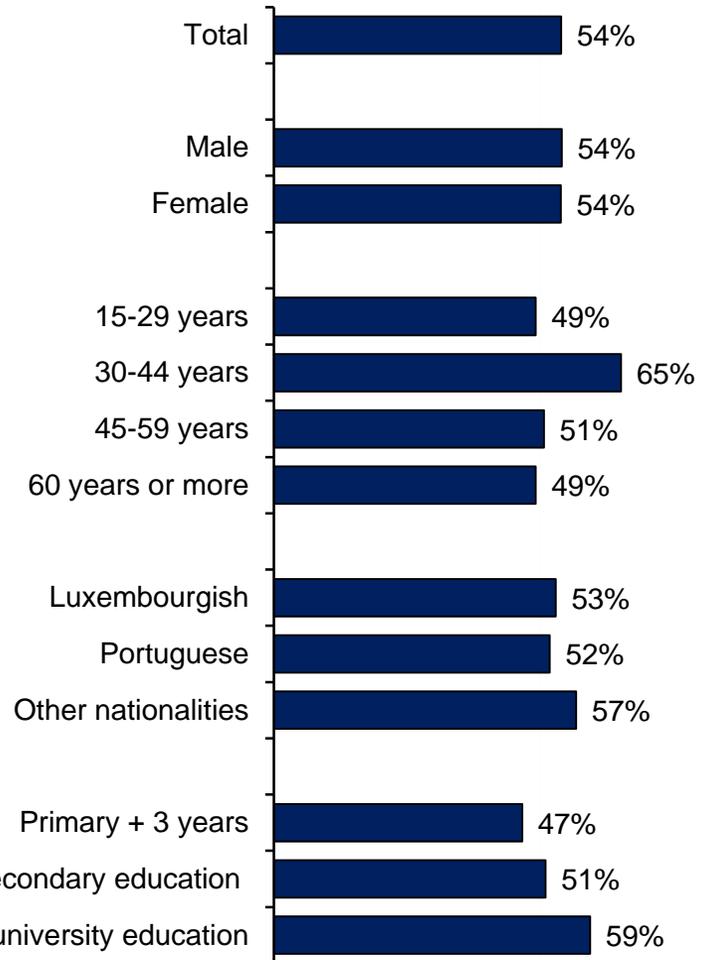


Q205

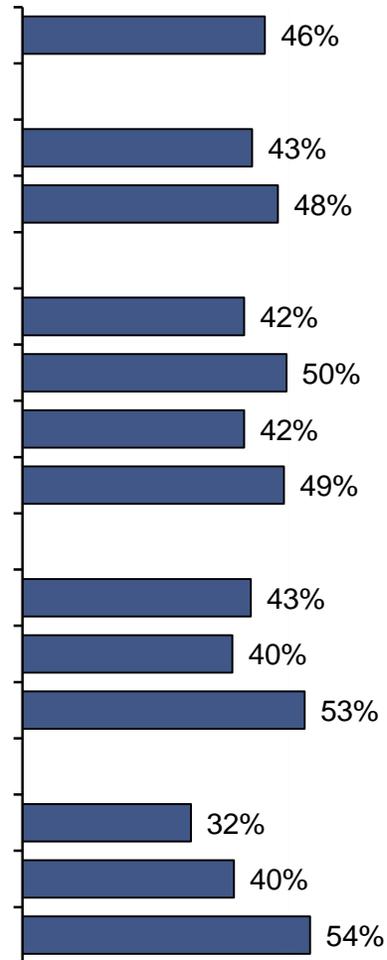
In your opinion, what are **the best means** to find information on science and research in Luxembourg? (n=513)



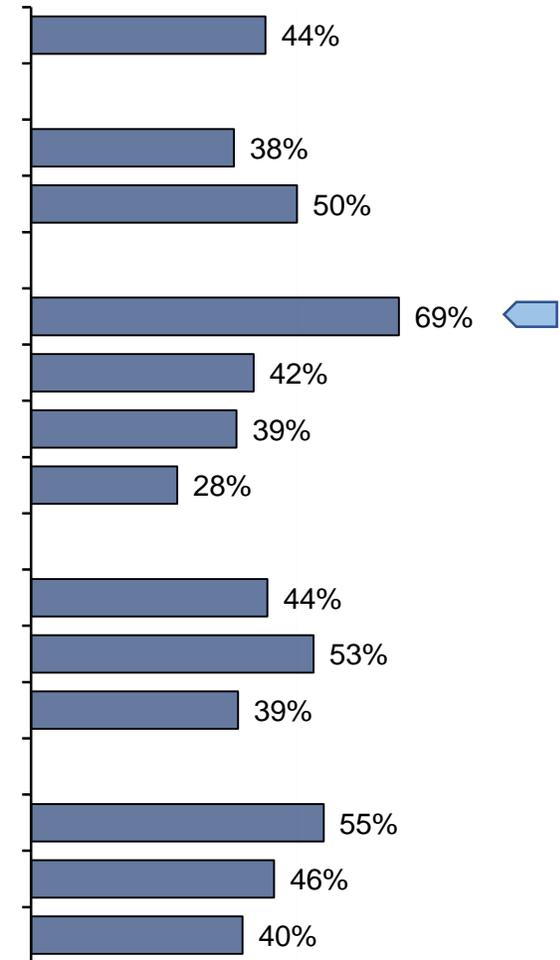
**the internet media
by the press**



**events, "open days",
conferences**



the current social networks

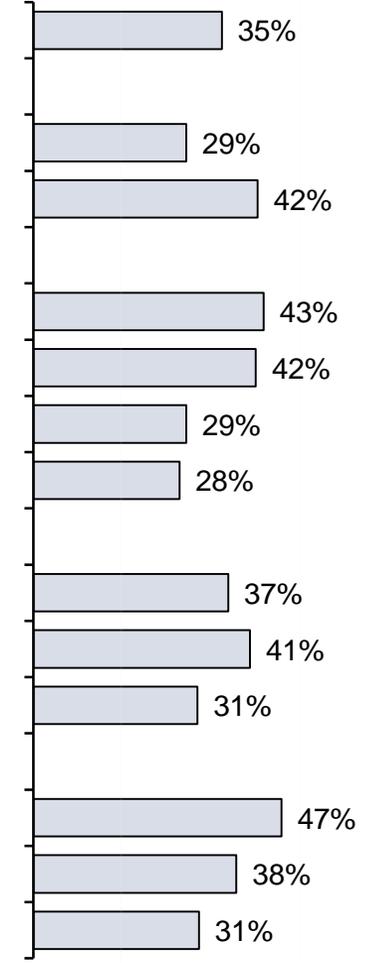
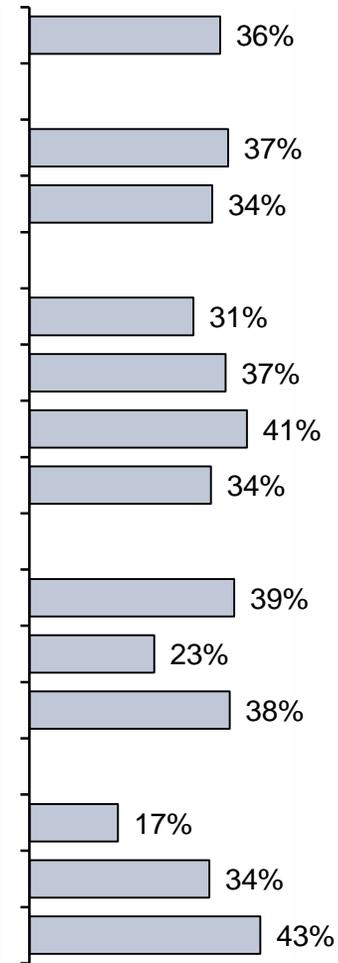
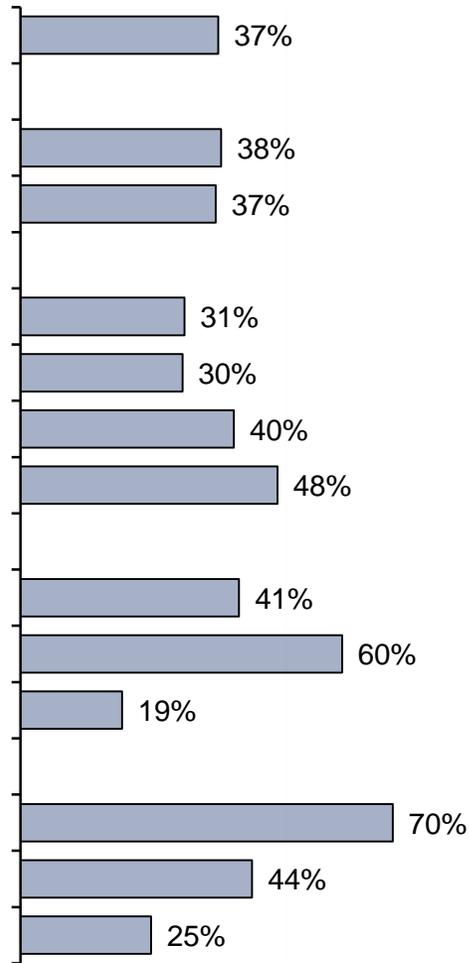
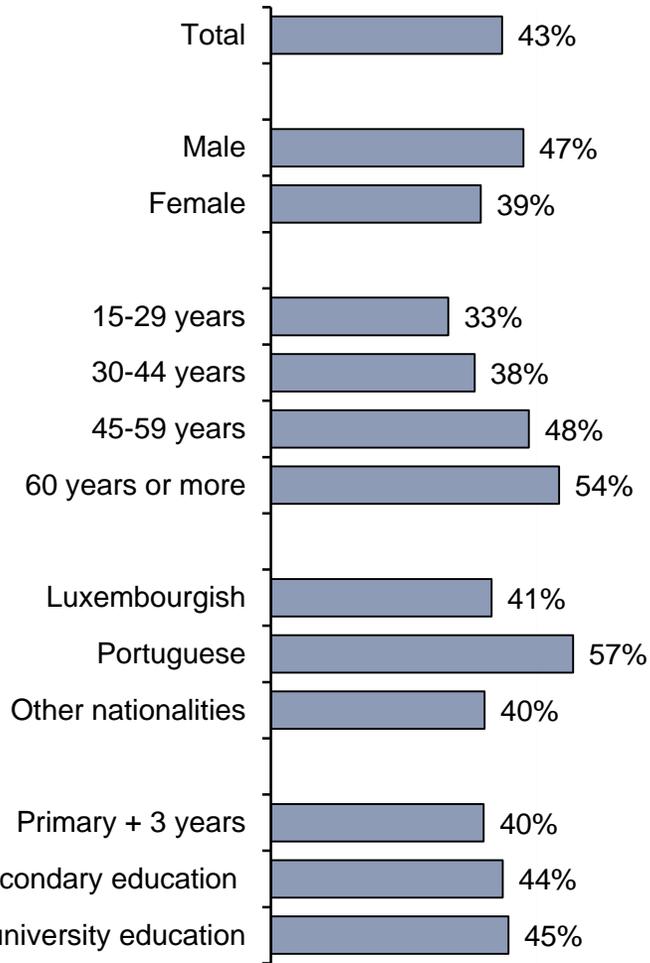


printed media by the press

the television

**the media by the
actors of science
and research**

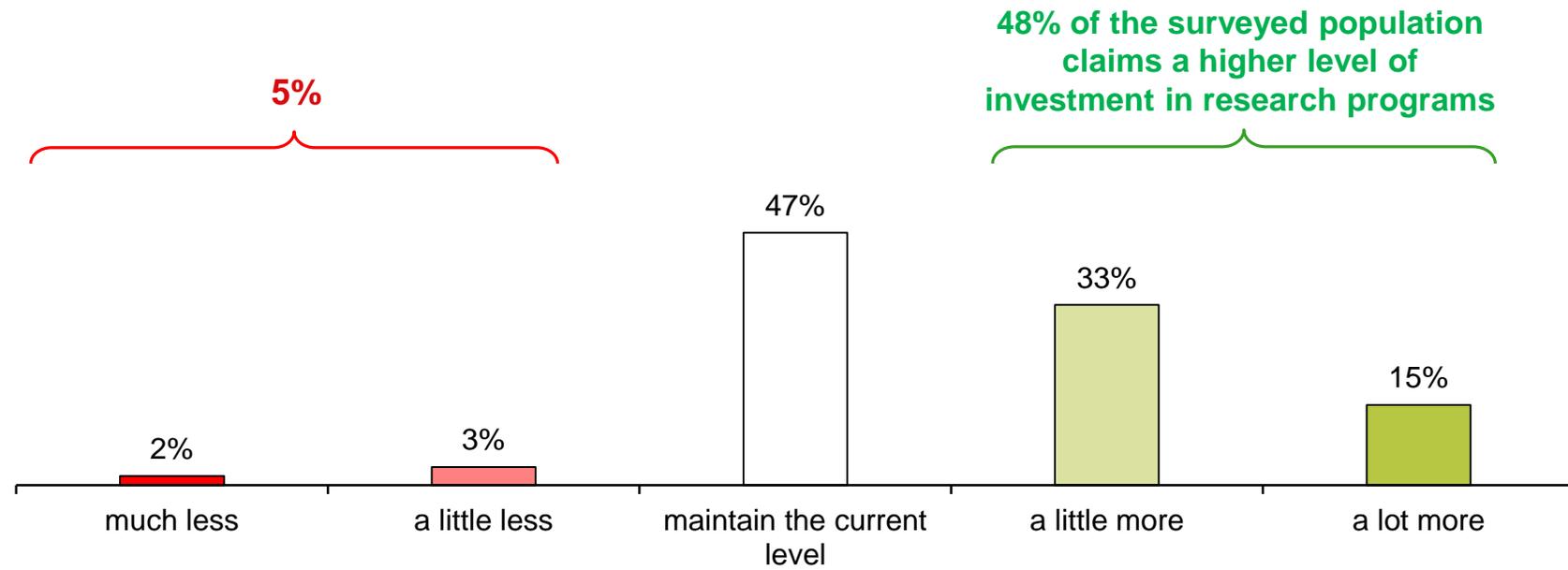
the radio



b.) investment and efforts

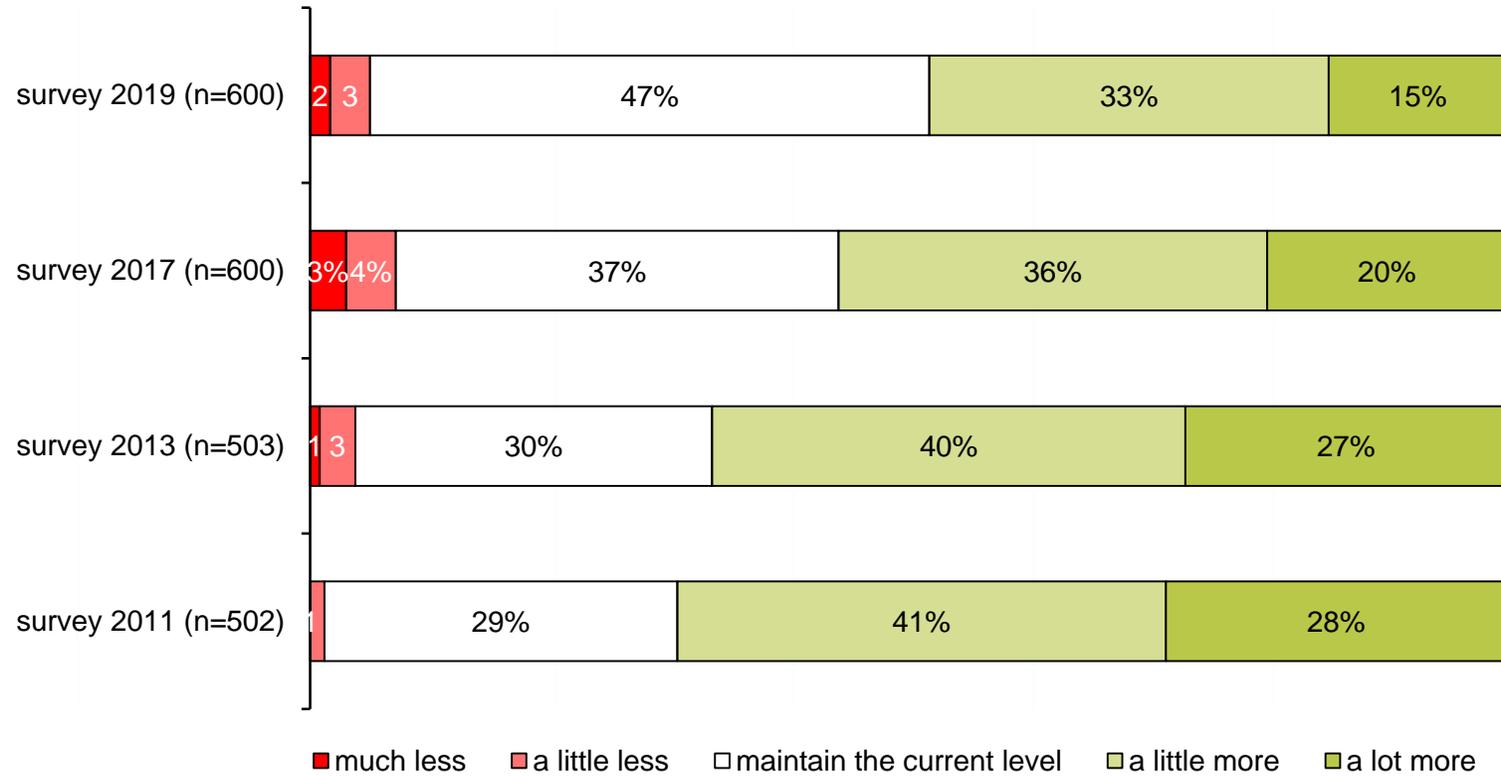
Q.301

In your opinion, how much should the Luxembourgish state invest in research programs? (n=600)



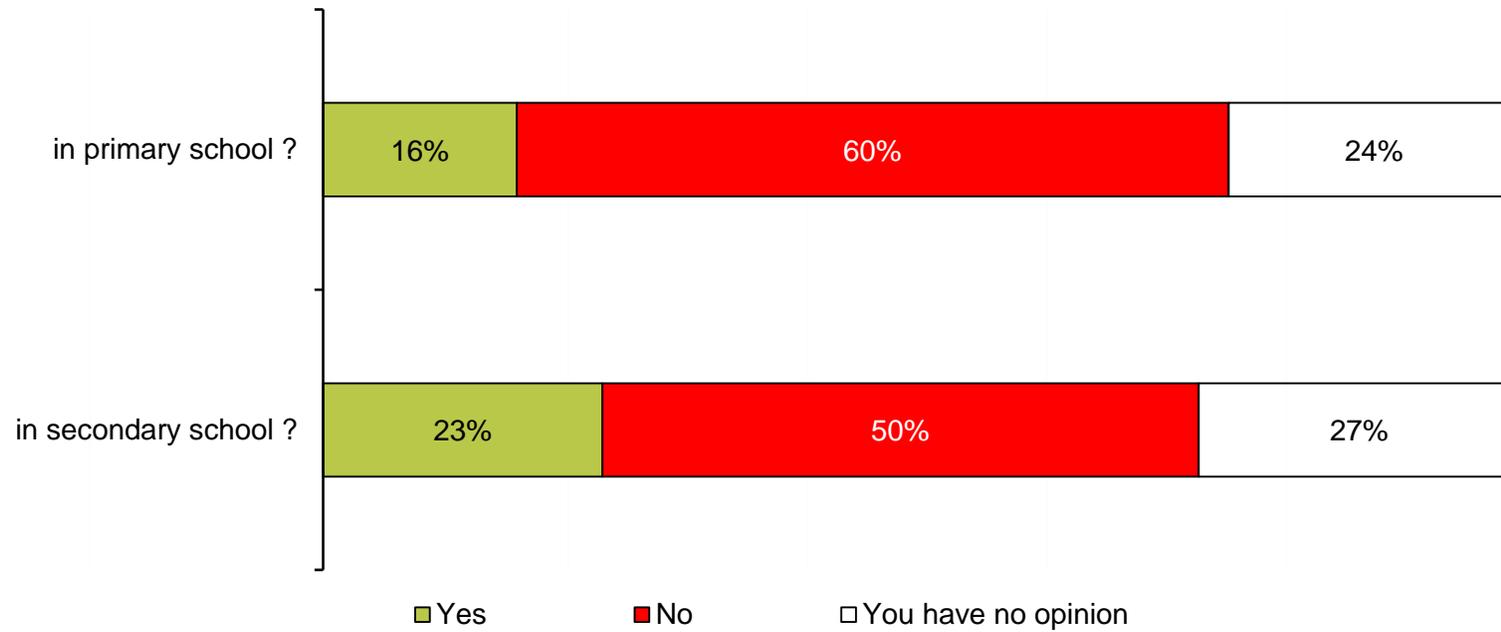
Q.301

In your opinion, how much should the Luxembourgish state invest in research programs?
Comparative survey 2019 vs 2017, 2013, 2011



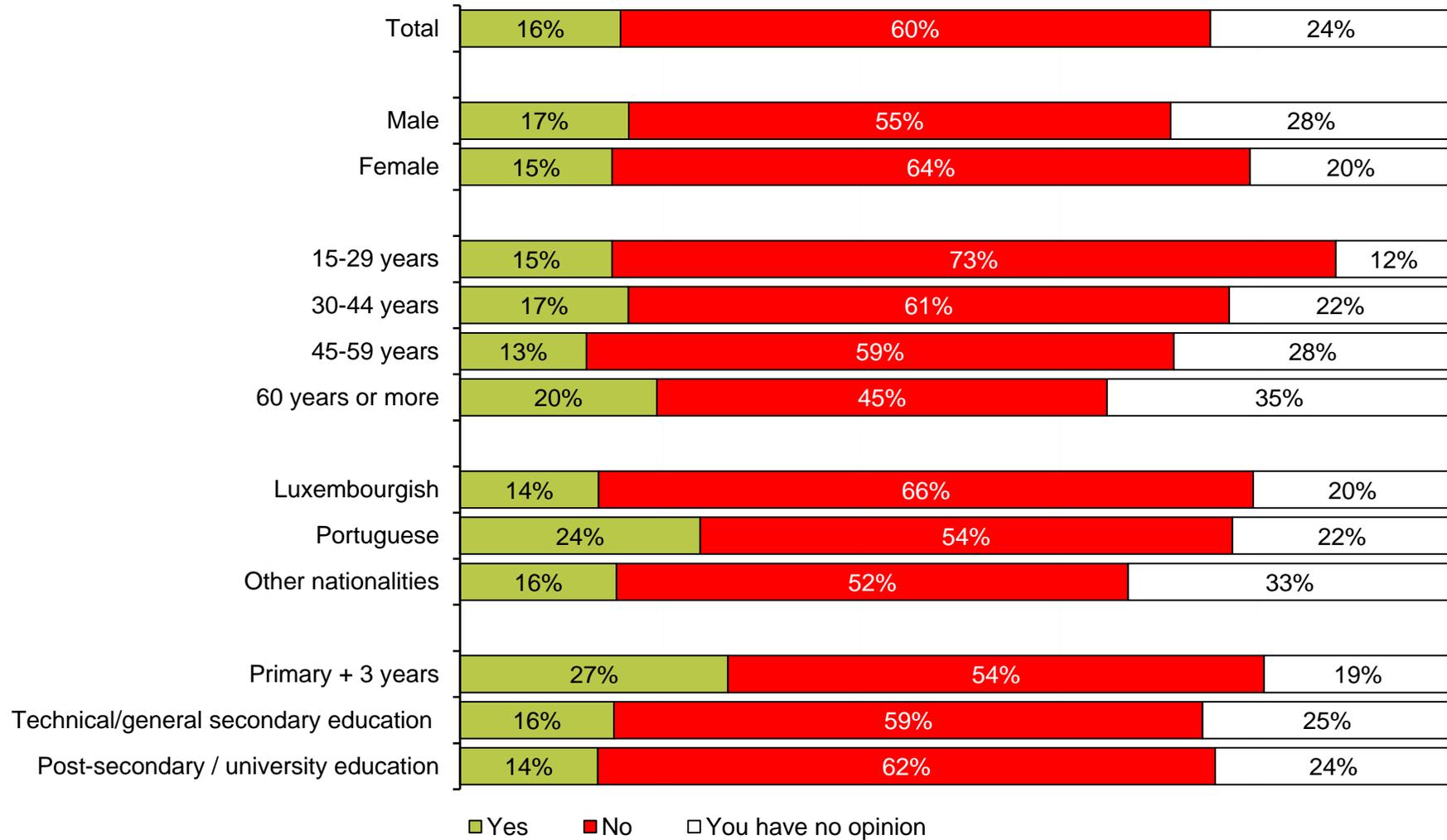
Q.301.1.

Do you think children/youngsters are sufficiently well trained in regards to science... (n=600)



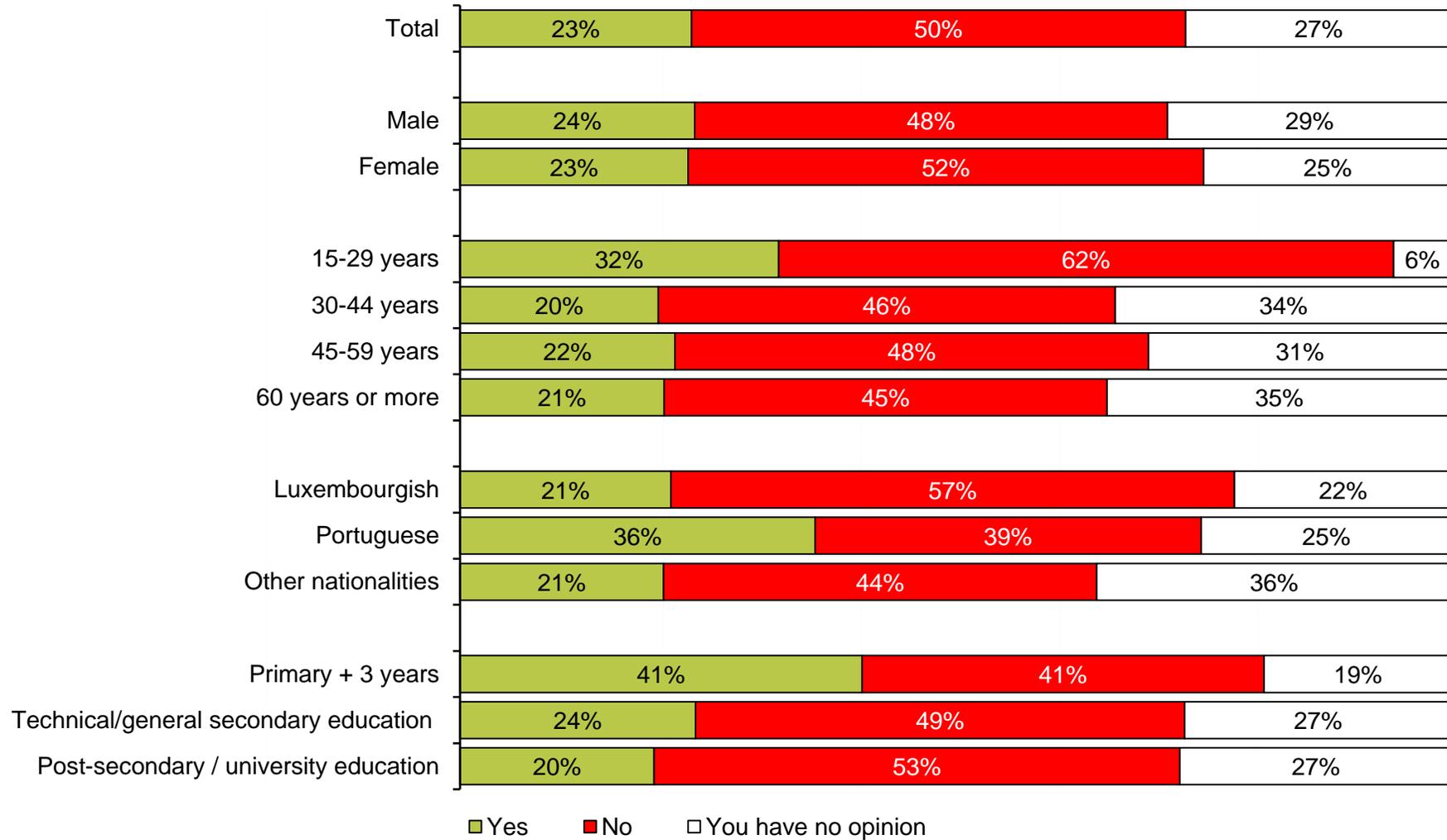
Q.301.1.1

Do you think children/youngsters are sufficiently well trained in regards to science... **in primary school?** (n=600)



Q.301.1.1

Do you think children/youngsters are sufficiently well trained in regards to science... **in secondary school?** (n=600)

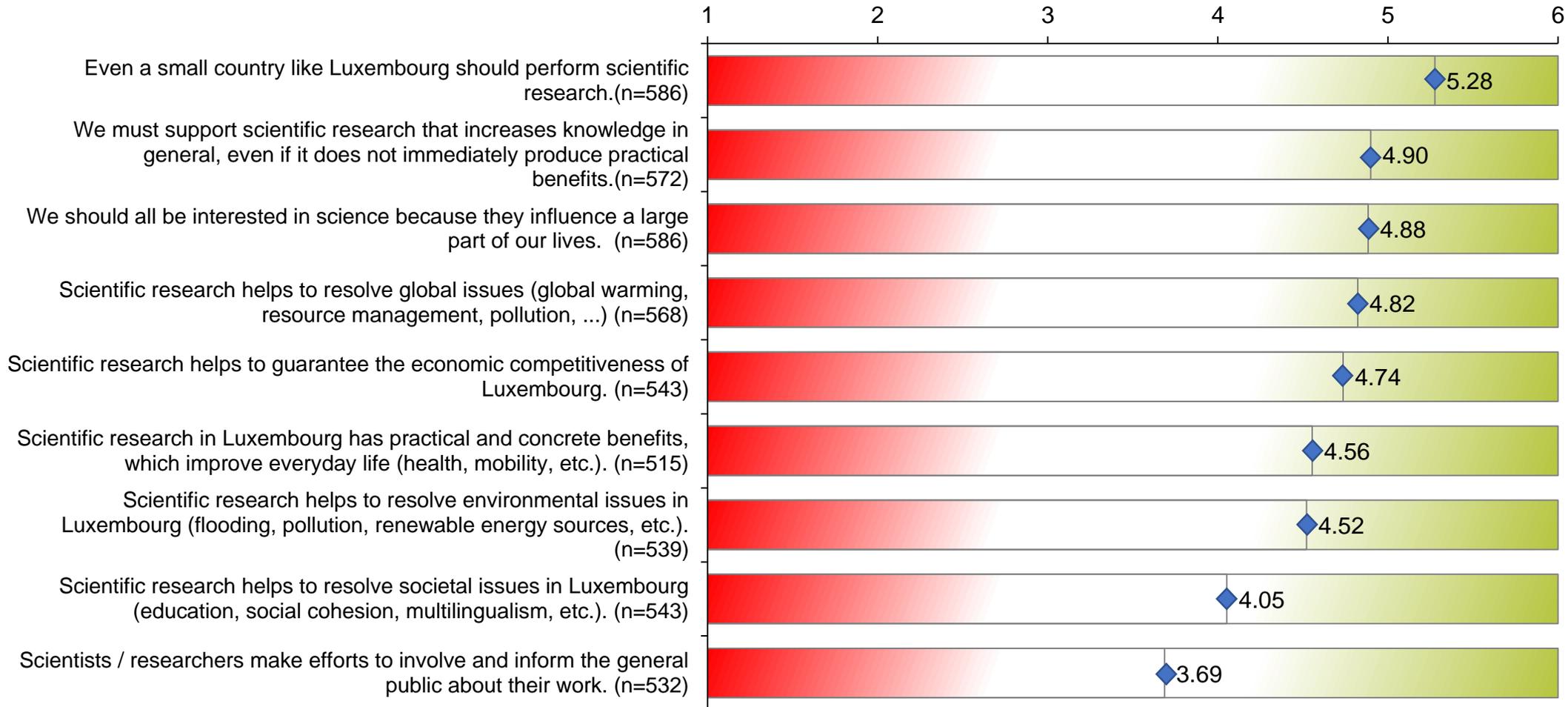


c.) basic attitudes and impact of scientific research

Q.400

Below you will find **different statements**.

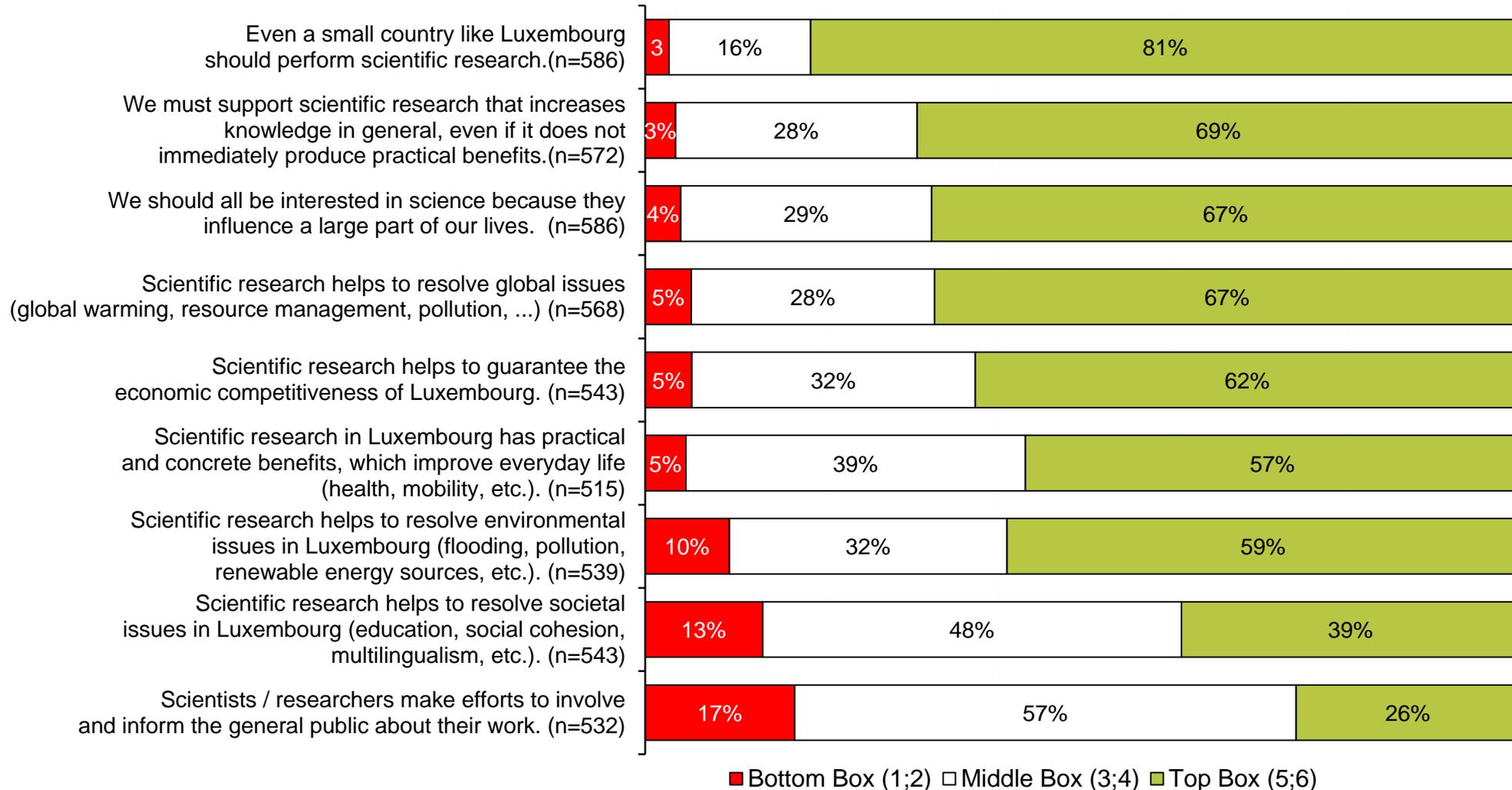
On a scale of 1 to 6, indicate to what extent you agree with the following statements:



Q.400

Below you will find **different statements**.

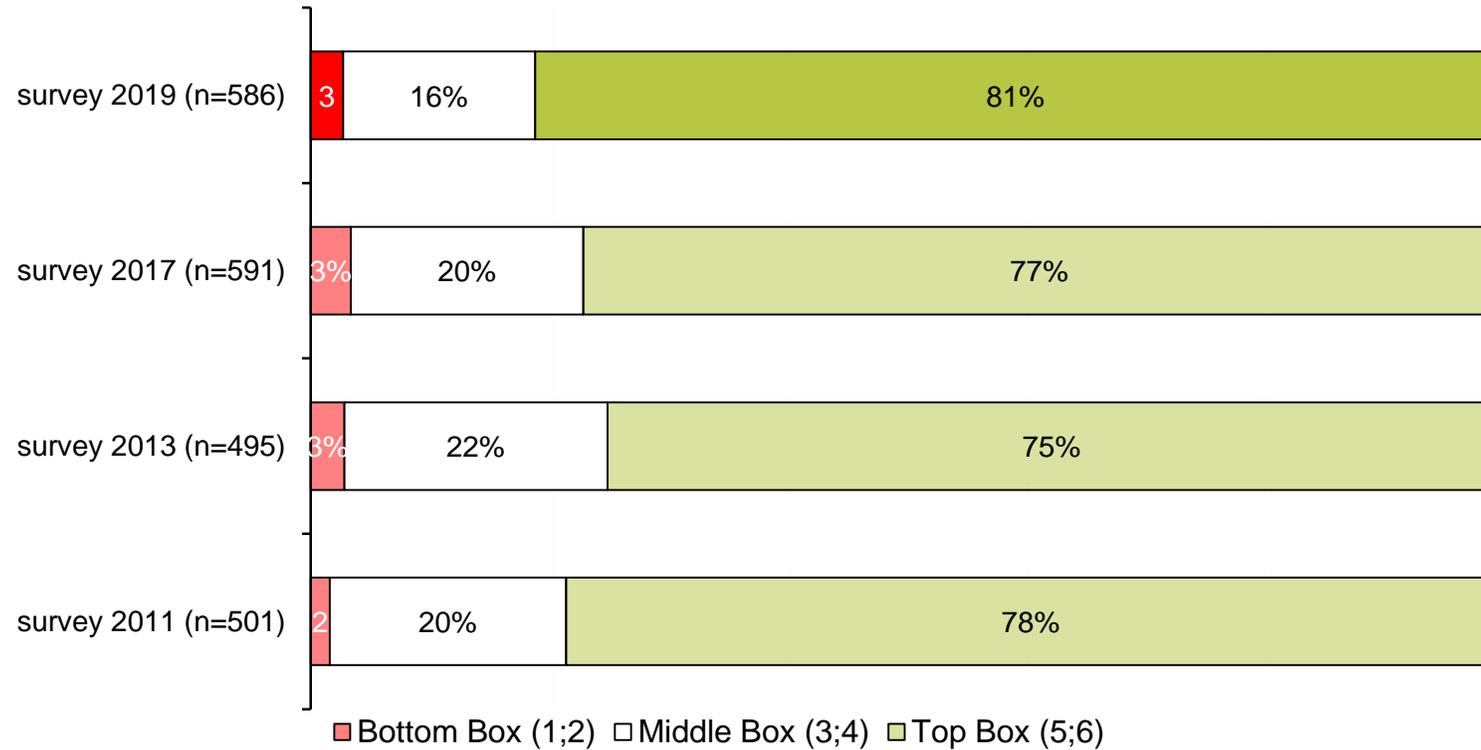
On a scale of 1 to 6, indicate to what extent you agree with the following statements:



Q.400.2

Even a small country like Luxembourg should perform scientific research.

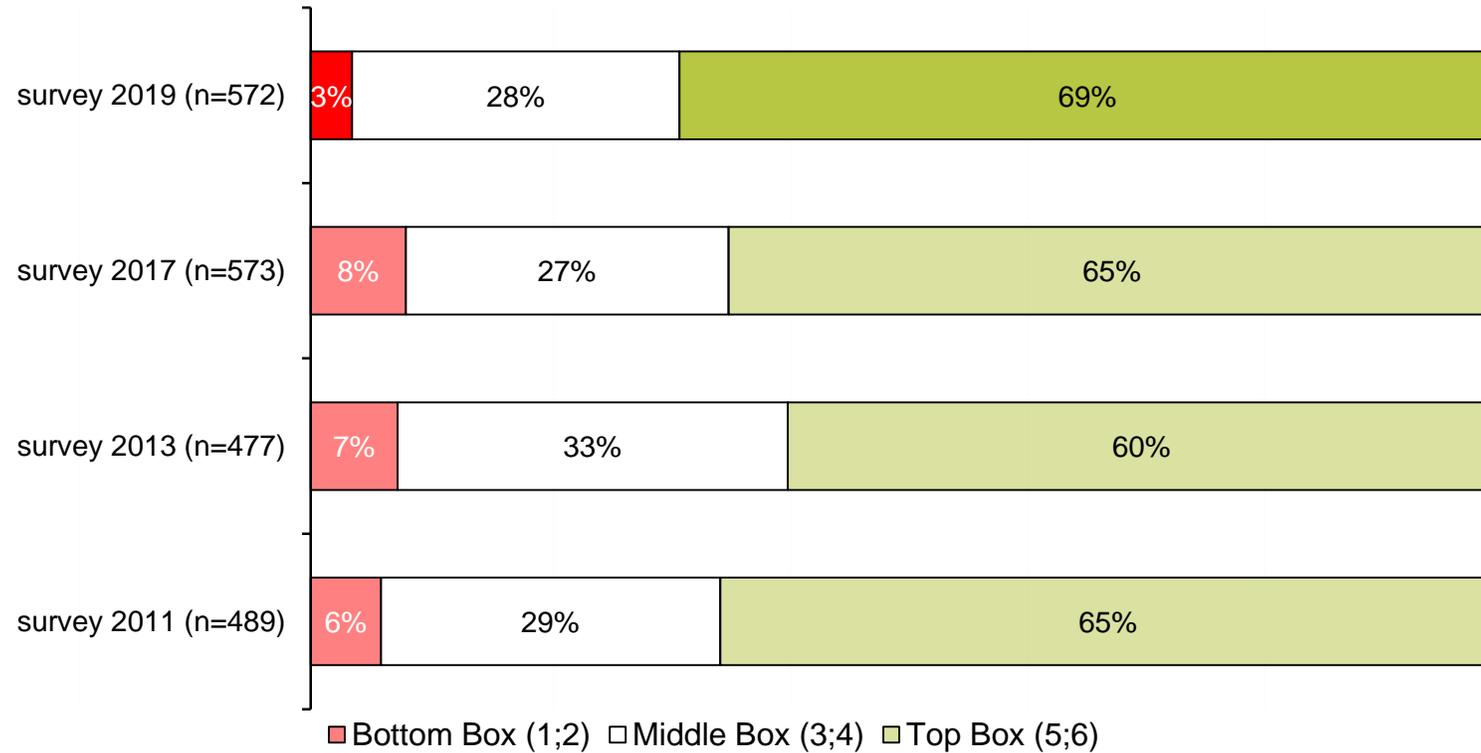
Comparative survey 2019 vs. 2017/2013/2011



Q.400.8

**We must support scientific research that increases knowledge in general,
even if it does not immediately produce practical benefits.**

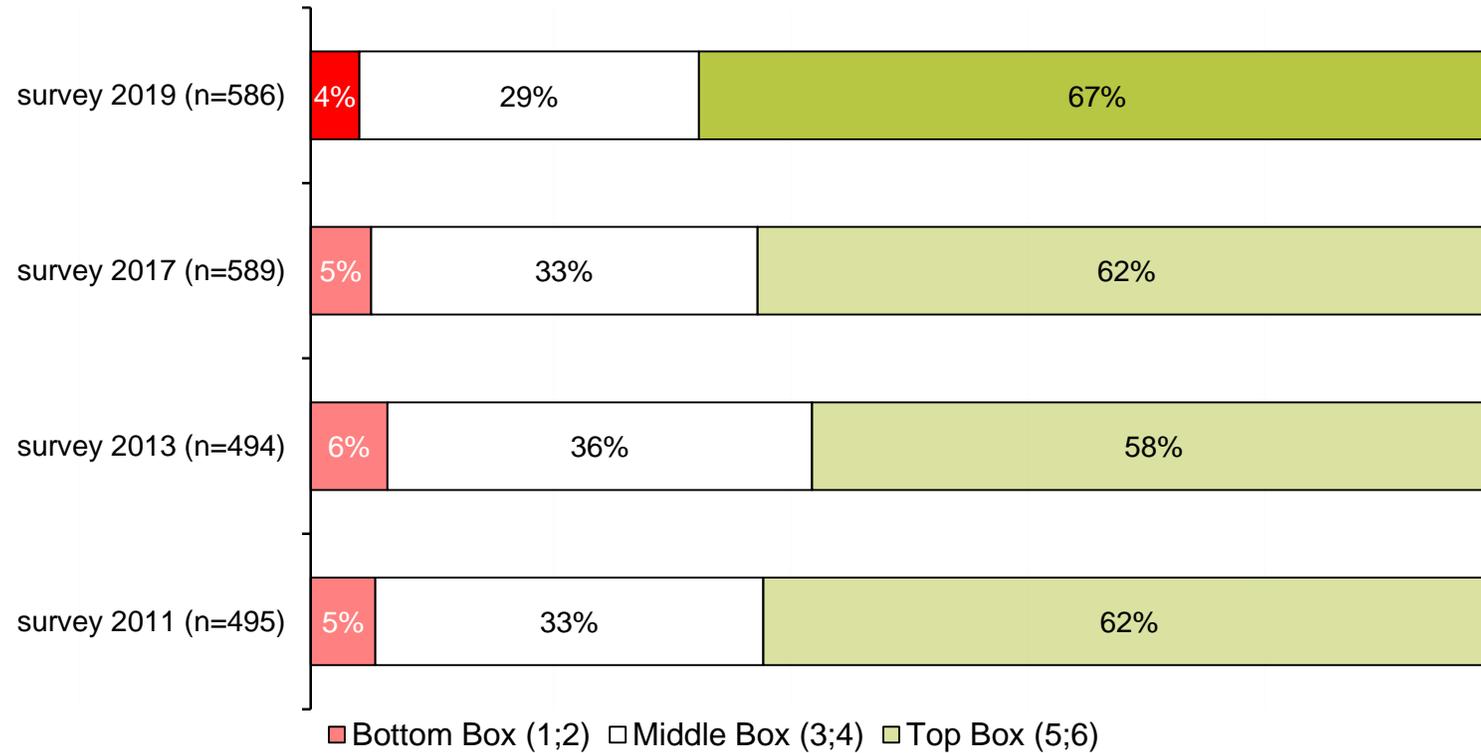
Comparative survey 2019 vs. 2017/2013/2011



Q.400.1

We should all be interested in science because they influence a large part of our lives.

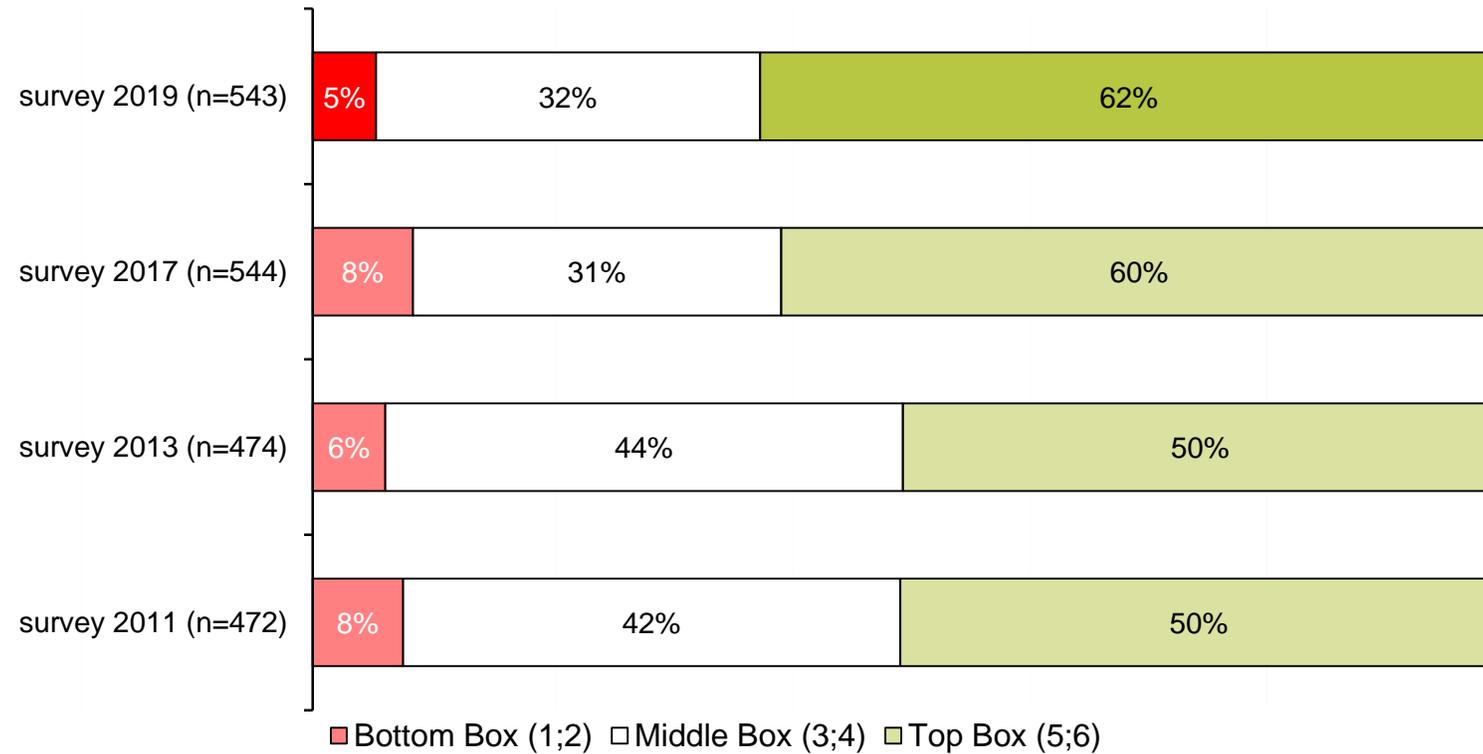
Comparative survey 2019 vs. 2017/2013/2011



Q.400.4

Scientific research helps to guarantee the economic competitiveness of Luxembourg.

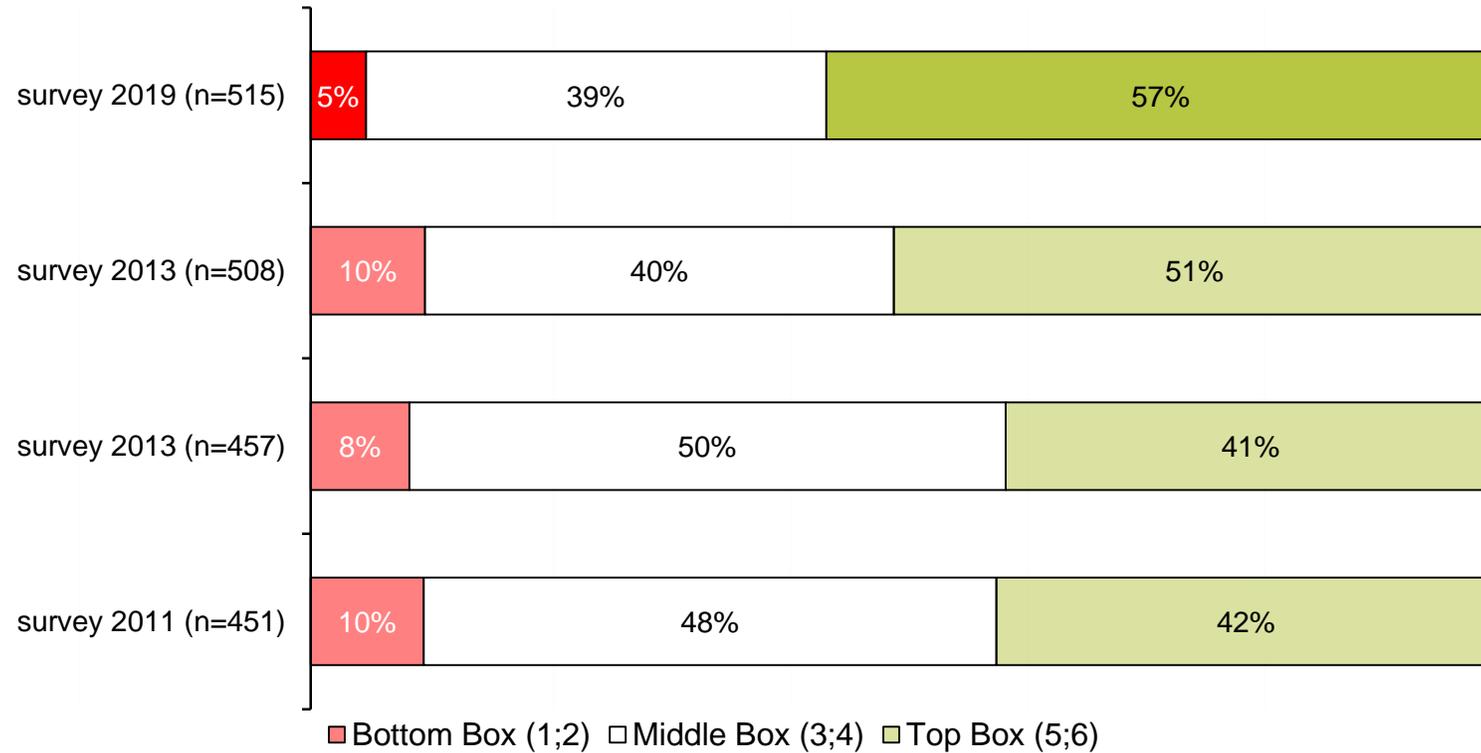
Comparative survey 2019 vs. 2017/2013/2011



Q.400.3

**Scientific research in Luxembourg has practical and concrete benefits,
which improve everyday life (health, mobility, etc.)**

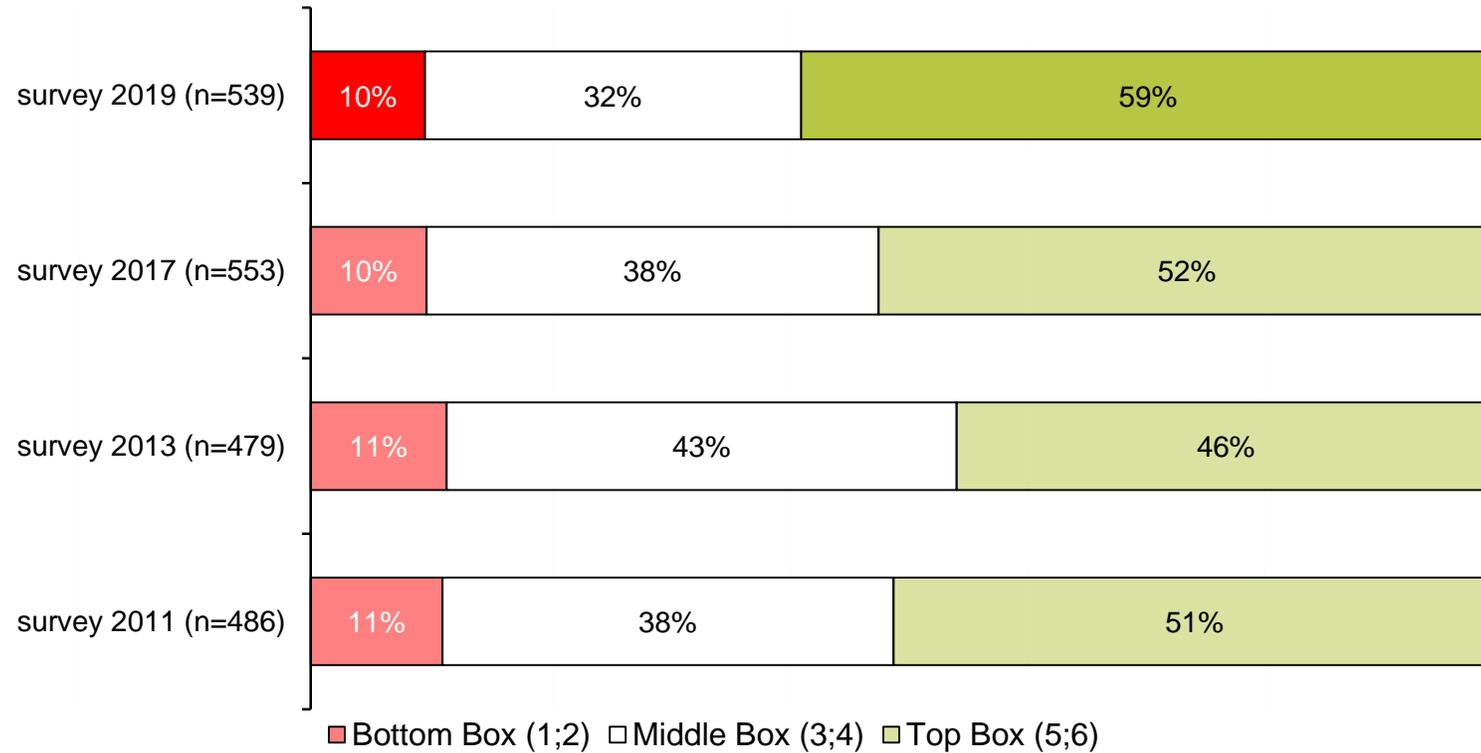
Comparative survey 2019 vs. 2017/2013/2011



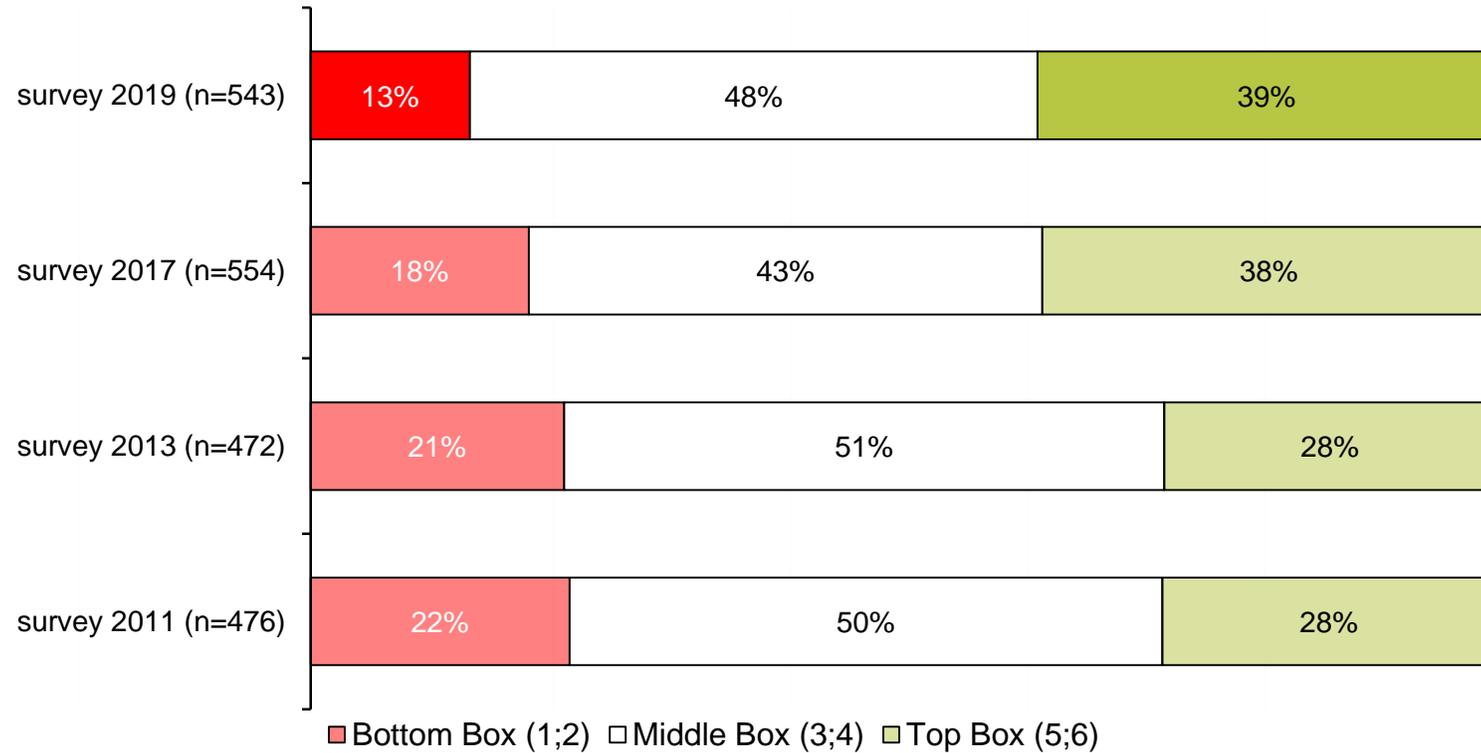
Q.400.5

**Scientific research helps to resolve environmental issues in Luxembourg
(flooding, pollution, renewable energy sources, etc.)**

Comparative survey 2019 vs. 2017/2013/2011



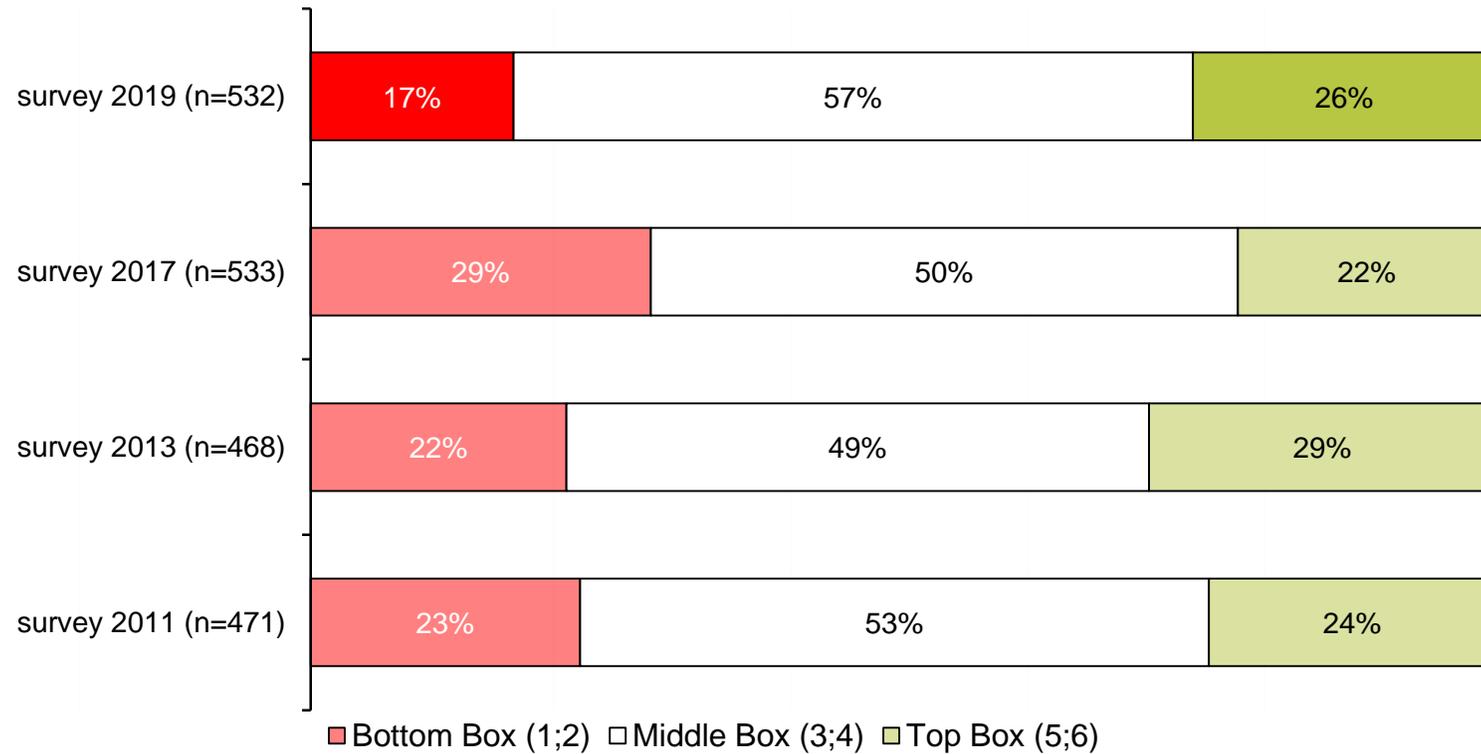
Q.400.6
**Scientific research helps to resolve societal issues in Luxembourg
(education, social cohesion, multilingualism, etc.)**
Comparative survey 2019 vs. 2017/2013/2011



Q.400.7

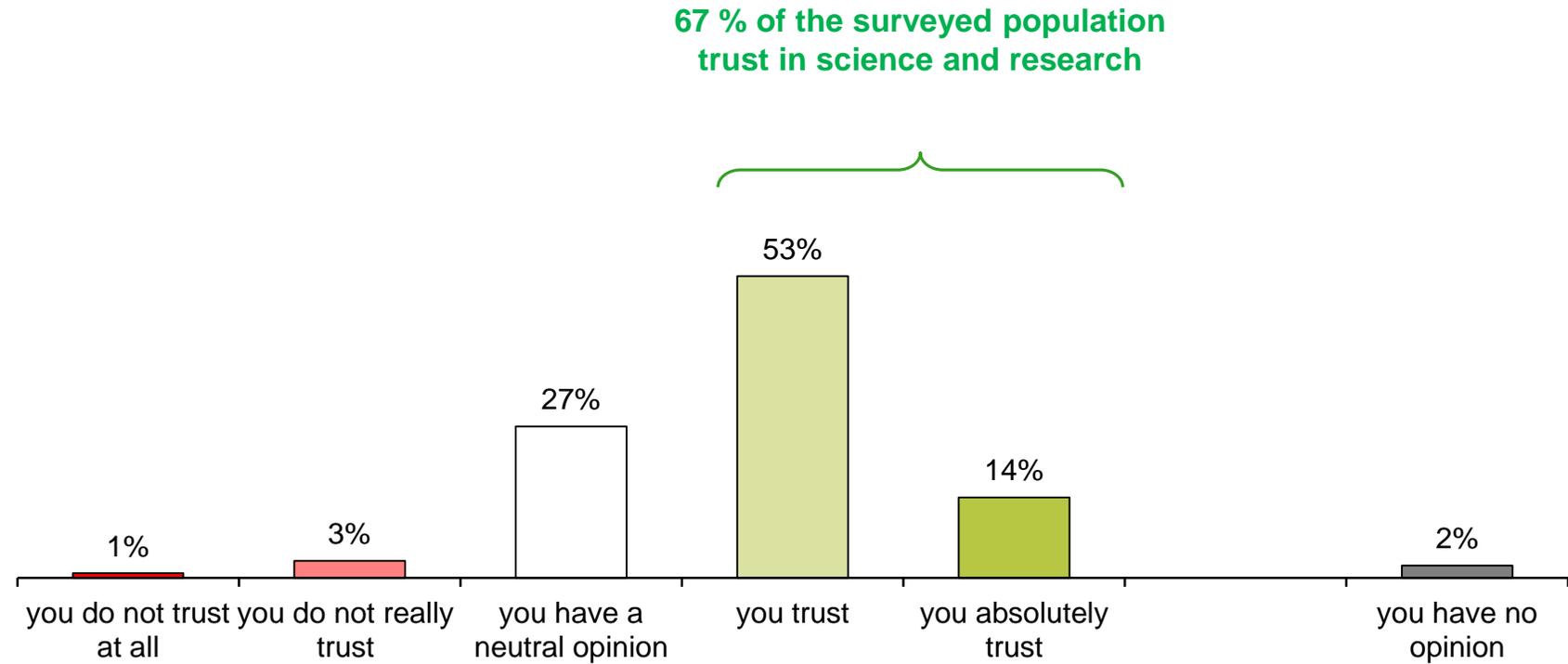
Scientists / researchers make efforts to involve and inform the general public about their work

Comparative survey 2019 vs. 2017/2013/2011



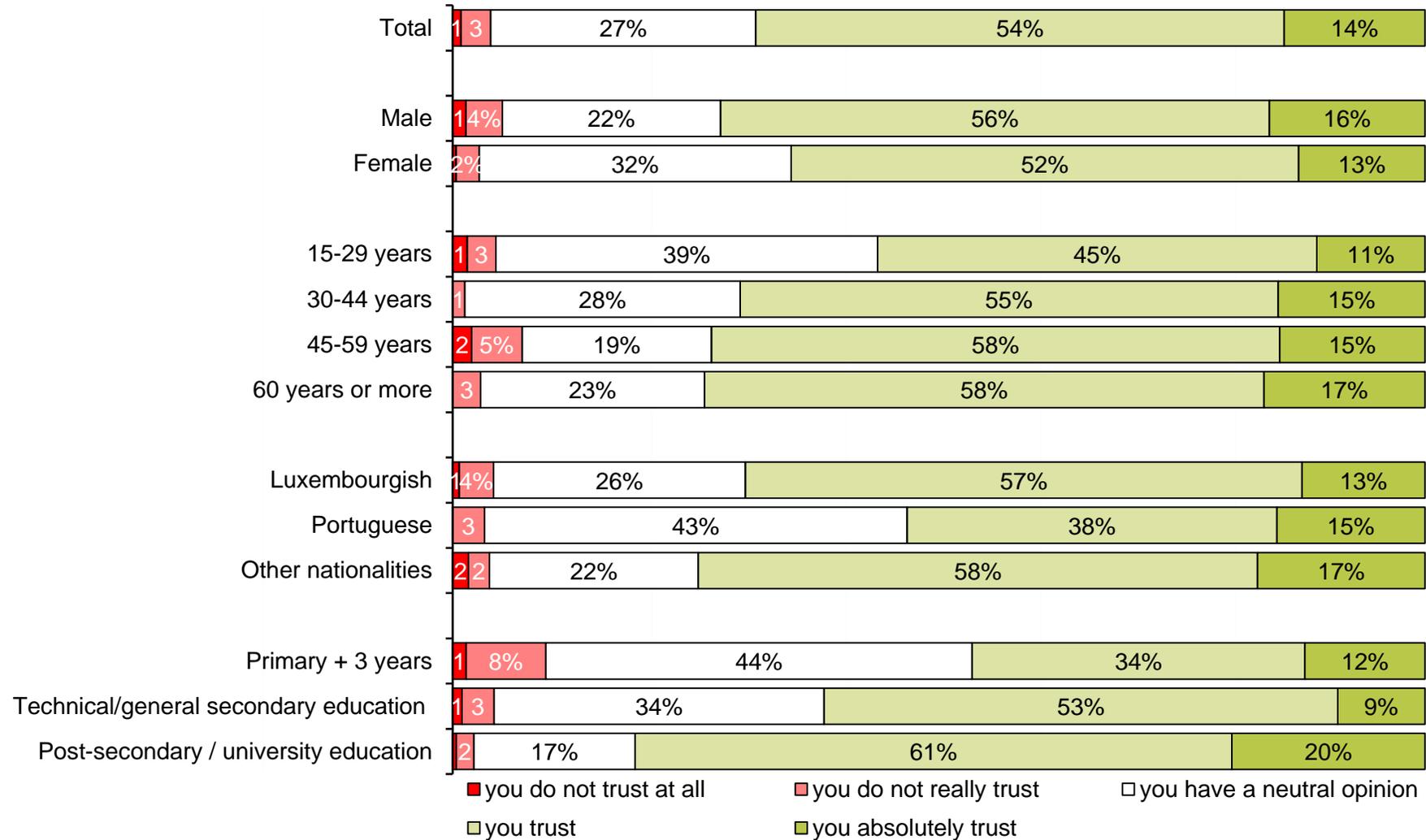
d.) confidence indicators

Q.401
What is **your trust level in regards** to science and research? (n=600)



Q.401

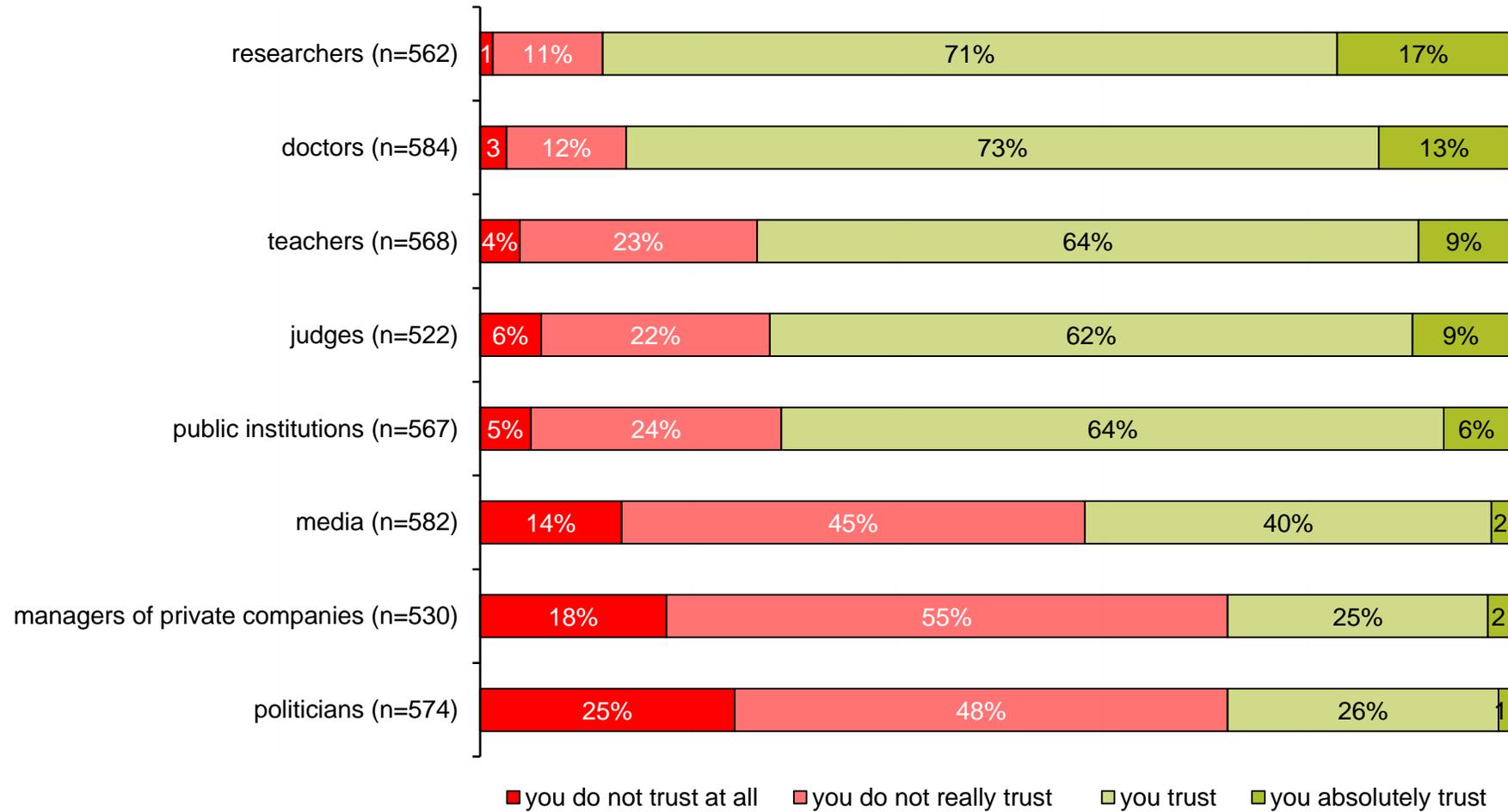
What is **your trust level in regards** to science and research? (n=587)



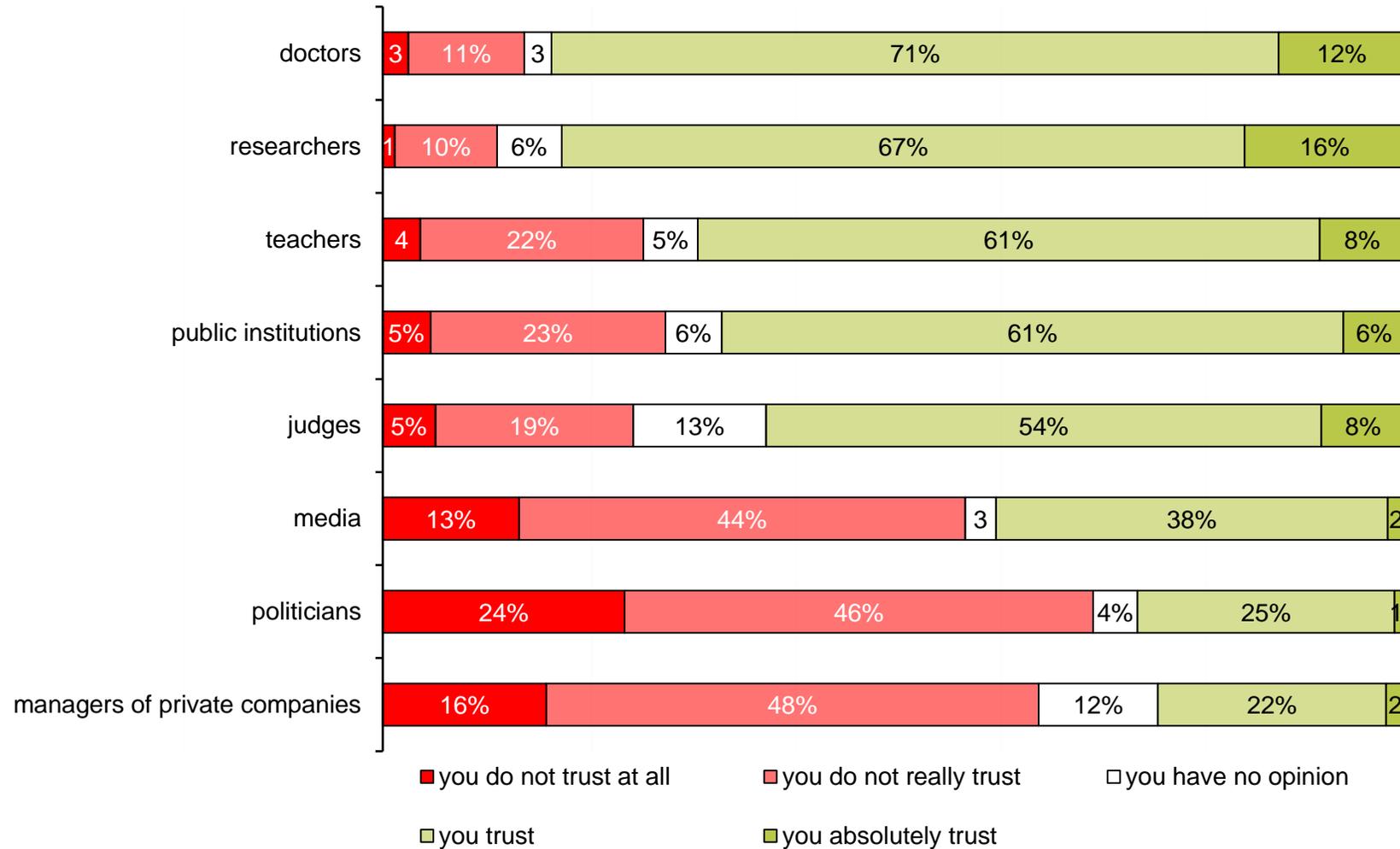
Q.402

What is **your trust level in regards to ...**

Without « you have no opinion » (n=600)

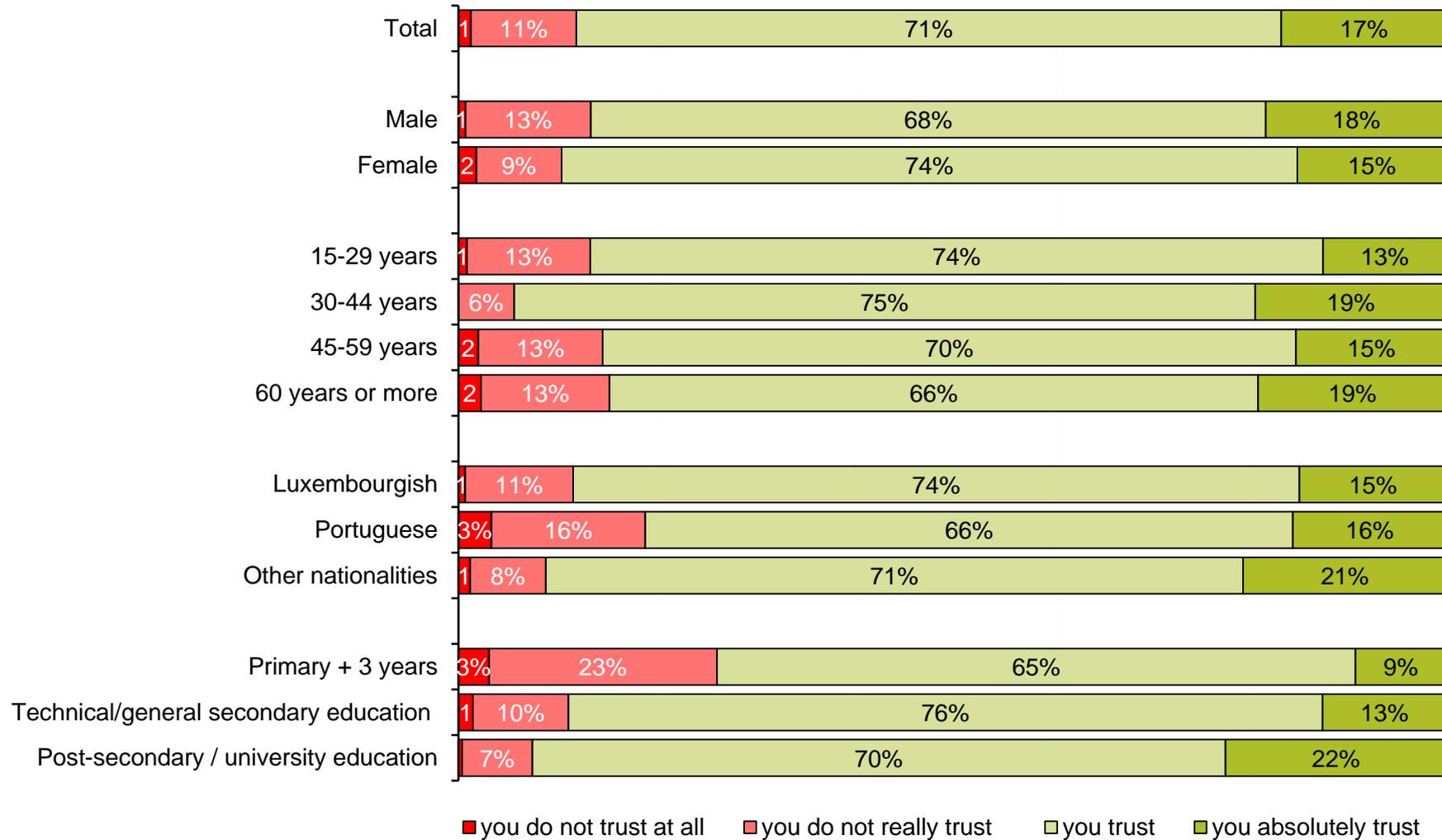


Q.402
What is **your trust level in regards to ...** (n=600)



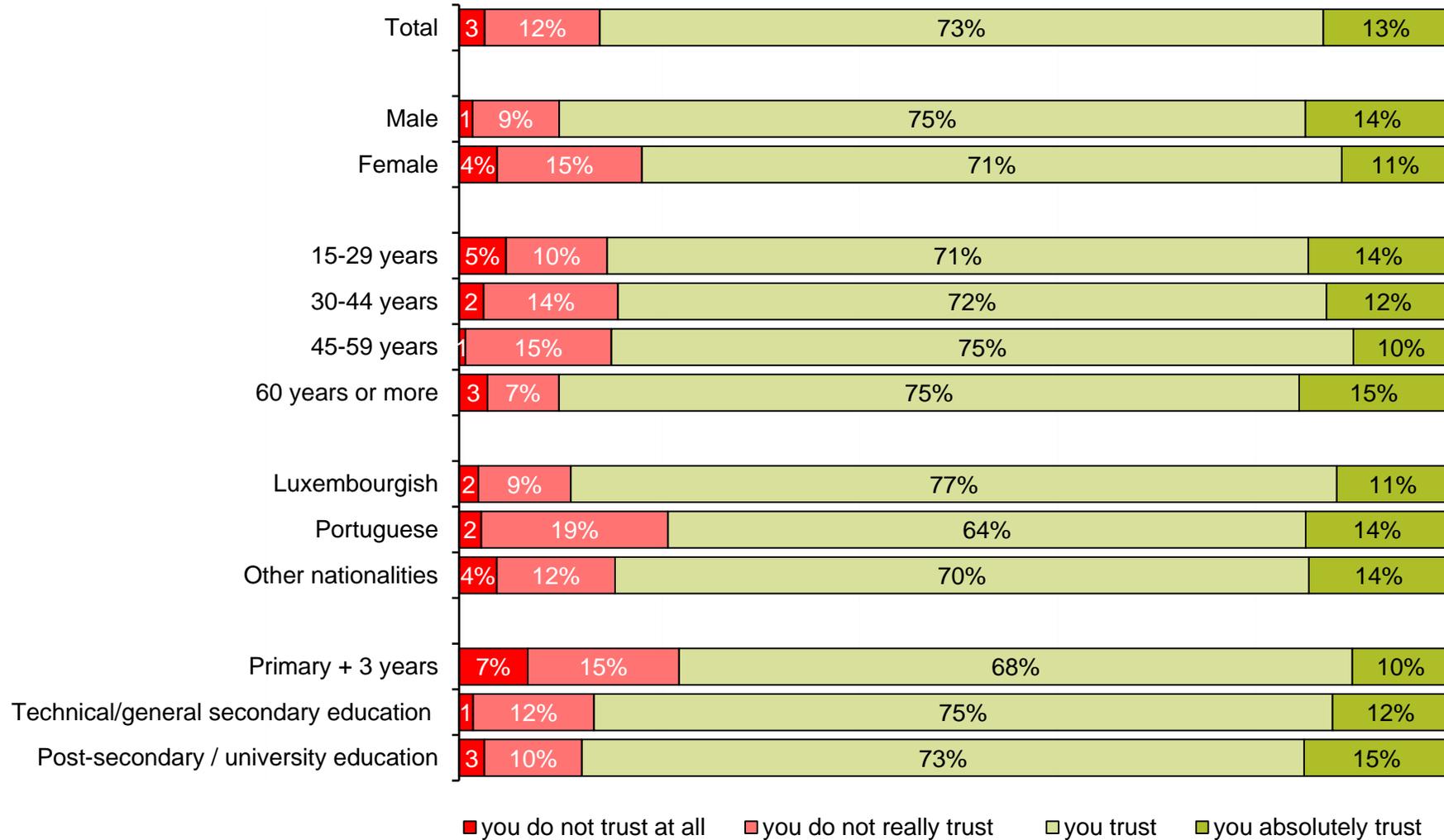
Q.402.5

What is **your trust level in regards to... researchers** (n=562)



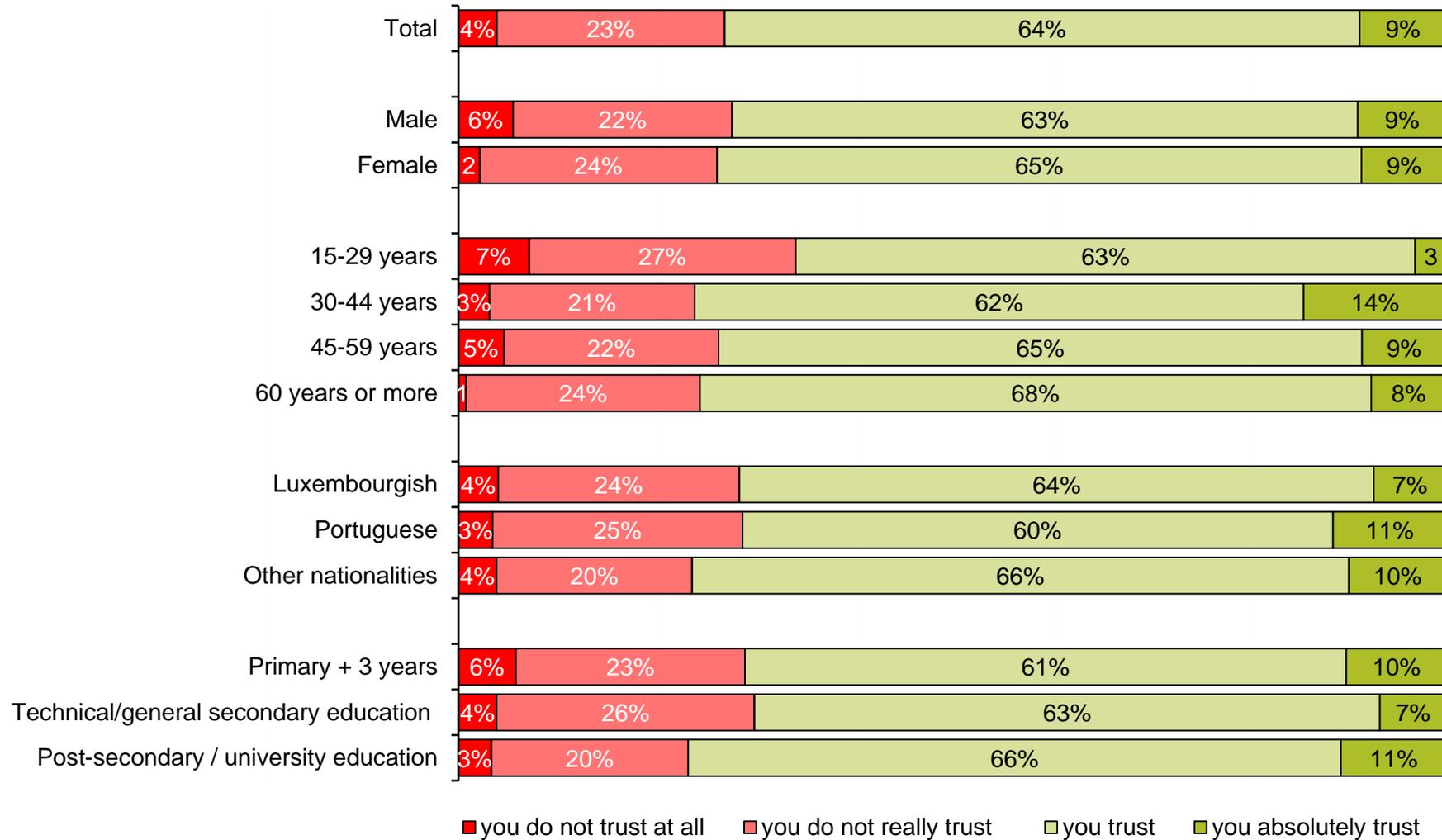
Q.402.2

What is **your trust level in regards to ... doctors** (n=584)



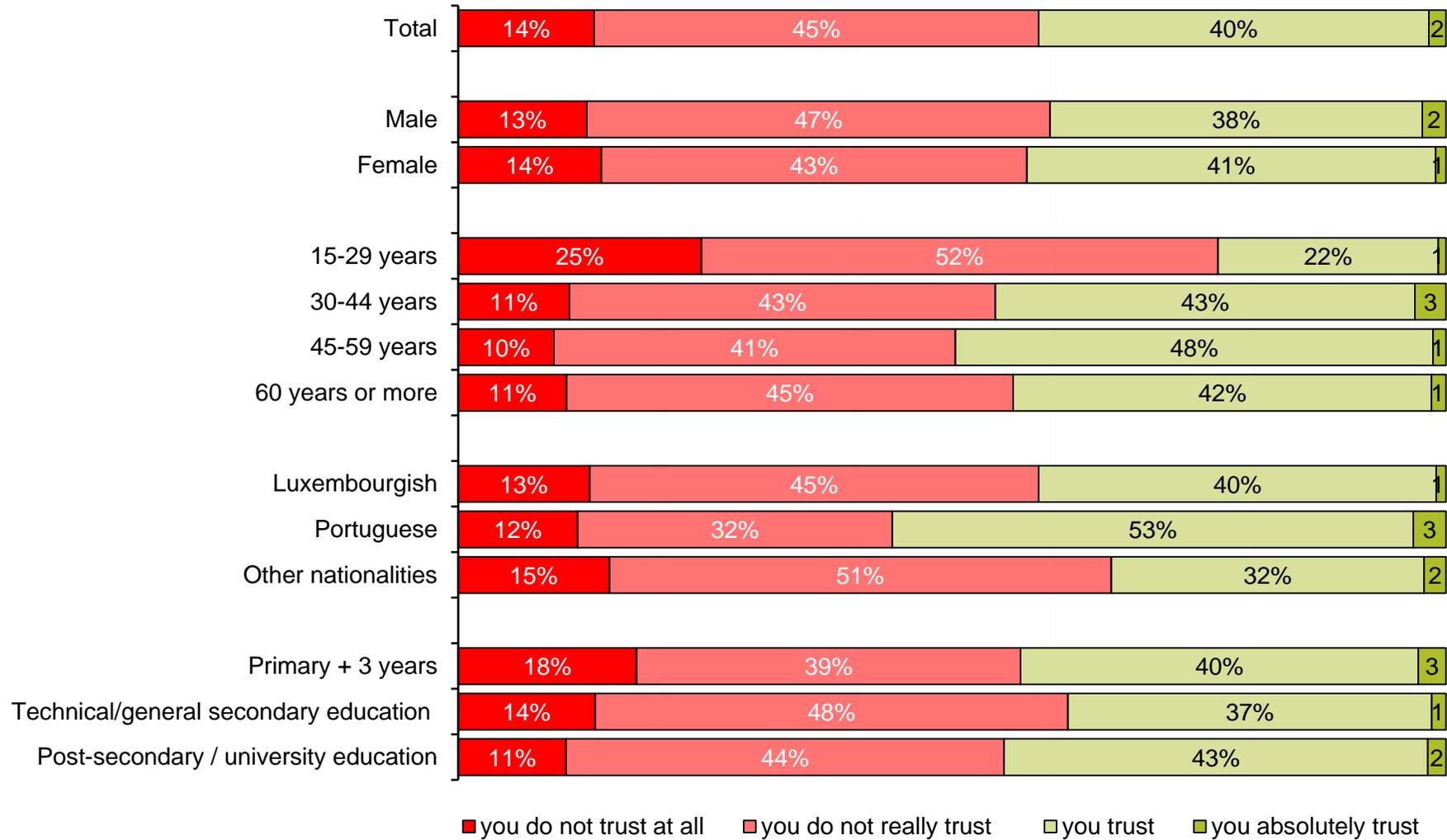
Q.402.6

What is **your trust level in regards to ... teachers** (n=568)



Q.402.4

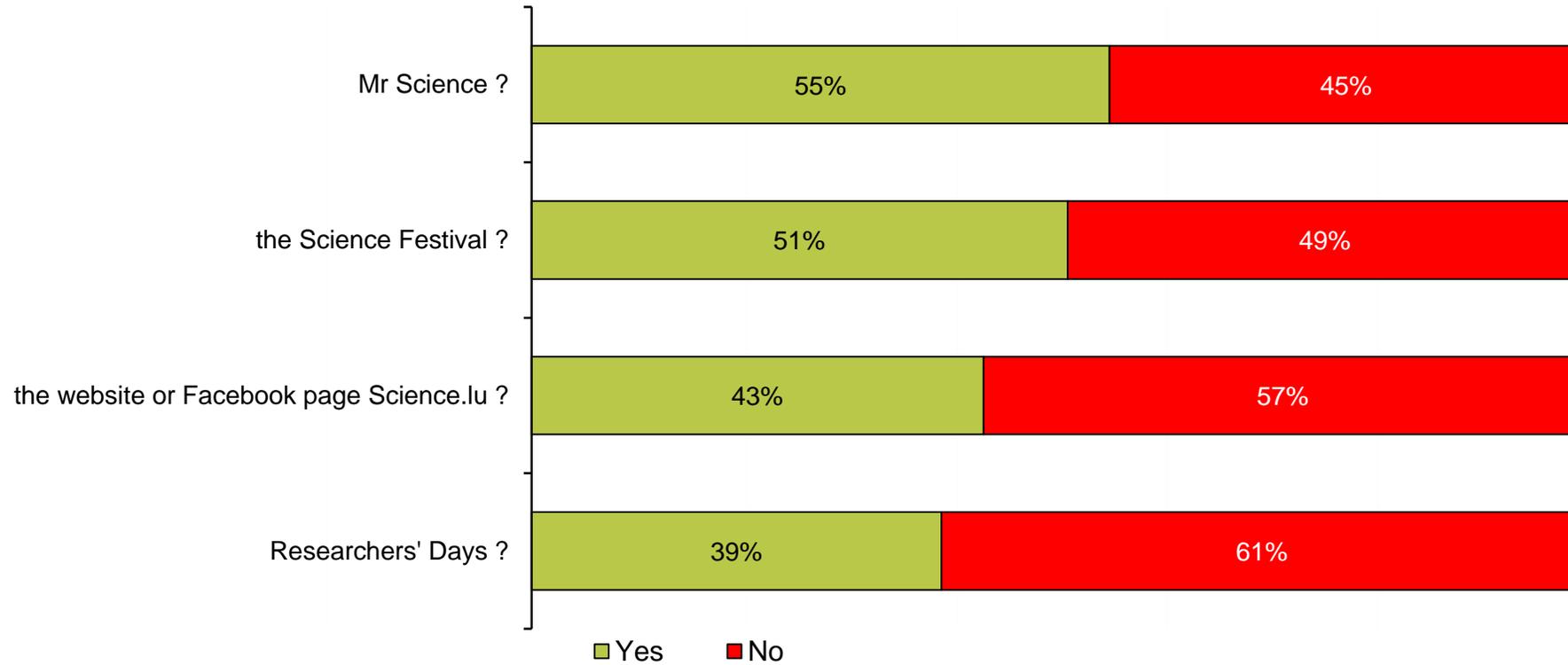
What is **your trust level in regards to... media** (n=582)



e.) notoriety indicators: event notoriety and awareness-raising actors

Q101.7 - Q101.10

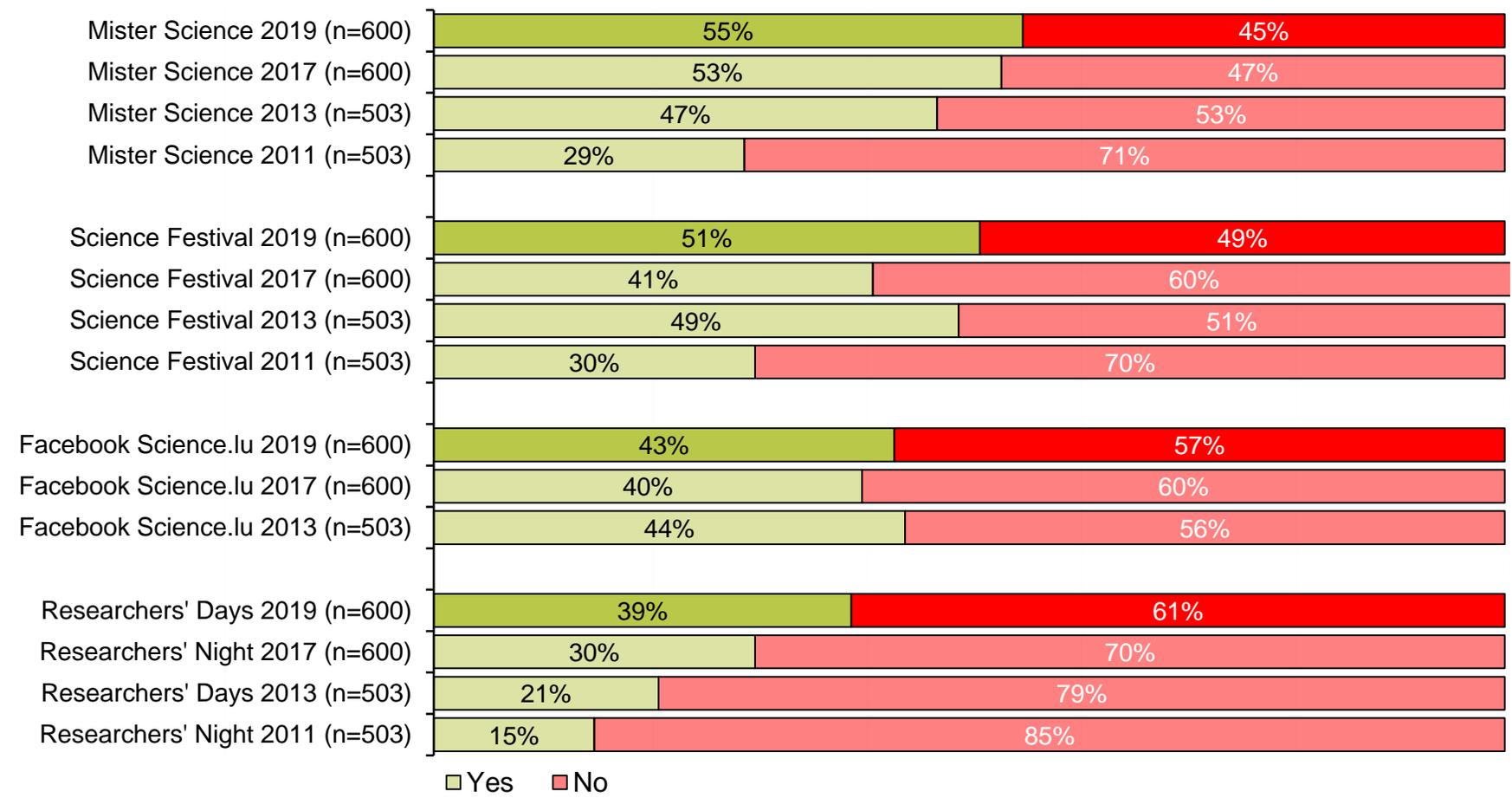
Do you know, have you read about or heard about... (n=600)



2011 : accumulation spontaneous+ assisted notoriety
2013 : straightaway assisted notoriety

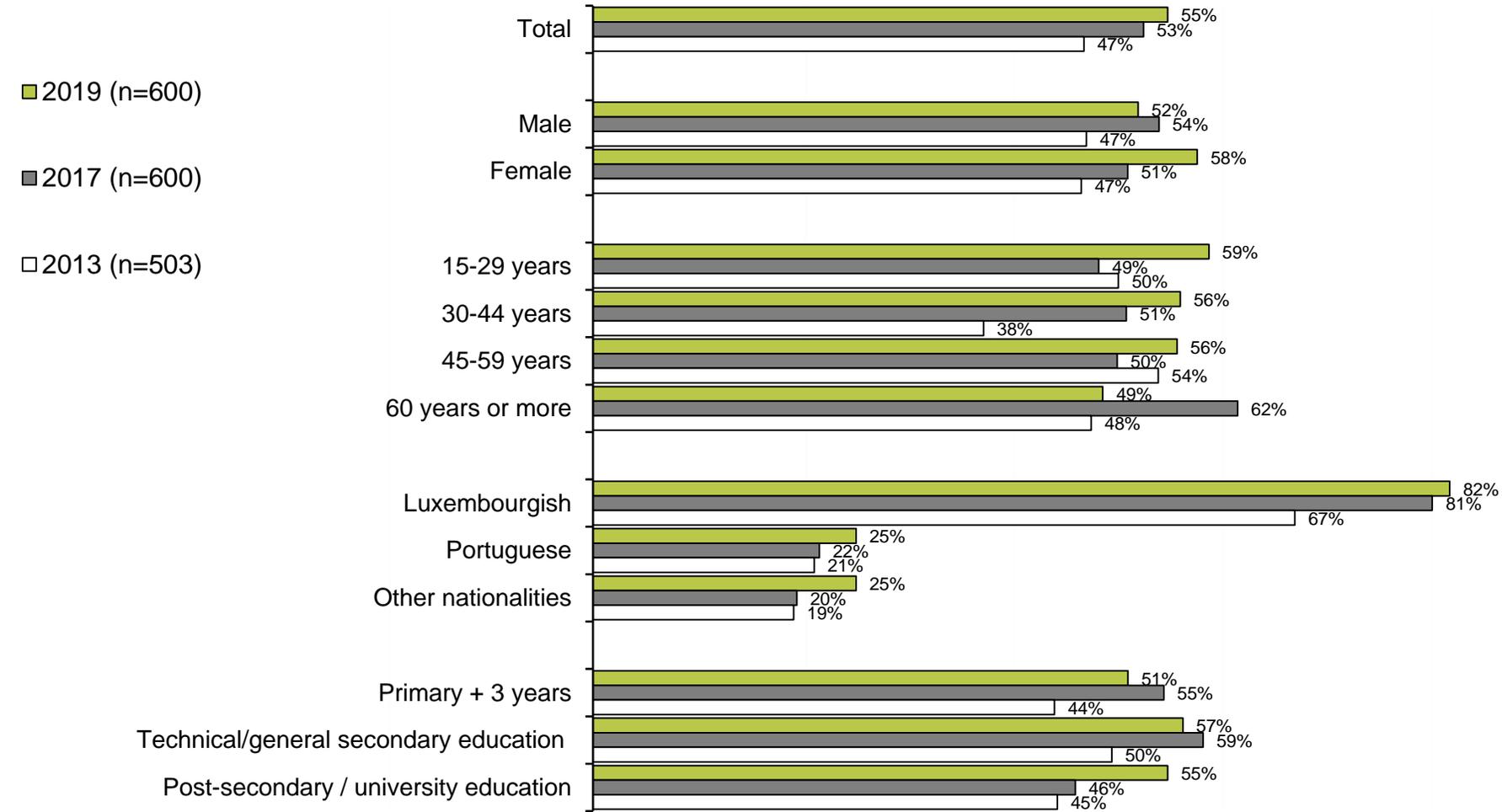
Q101.7 - Q101.10

Do you know, have you read about or heard about... (n=600)
Comparative survey 2019 vs 2017, 2013, 2011



Q101.7

Do you know, have you read about or heard about... **Mr Science?**
Comparative survey 2019 vs 2017, 2013



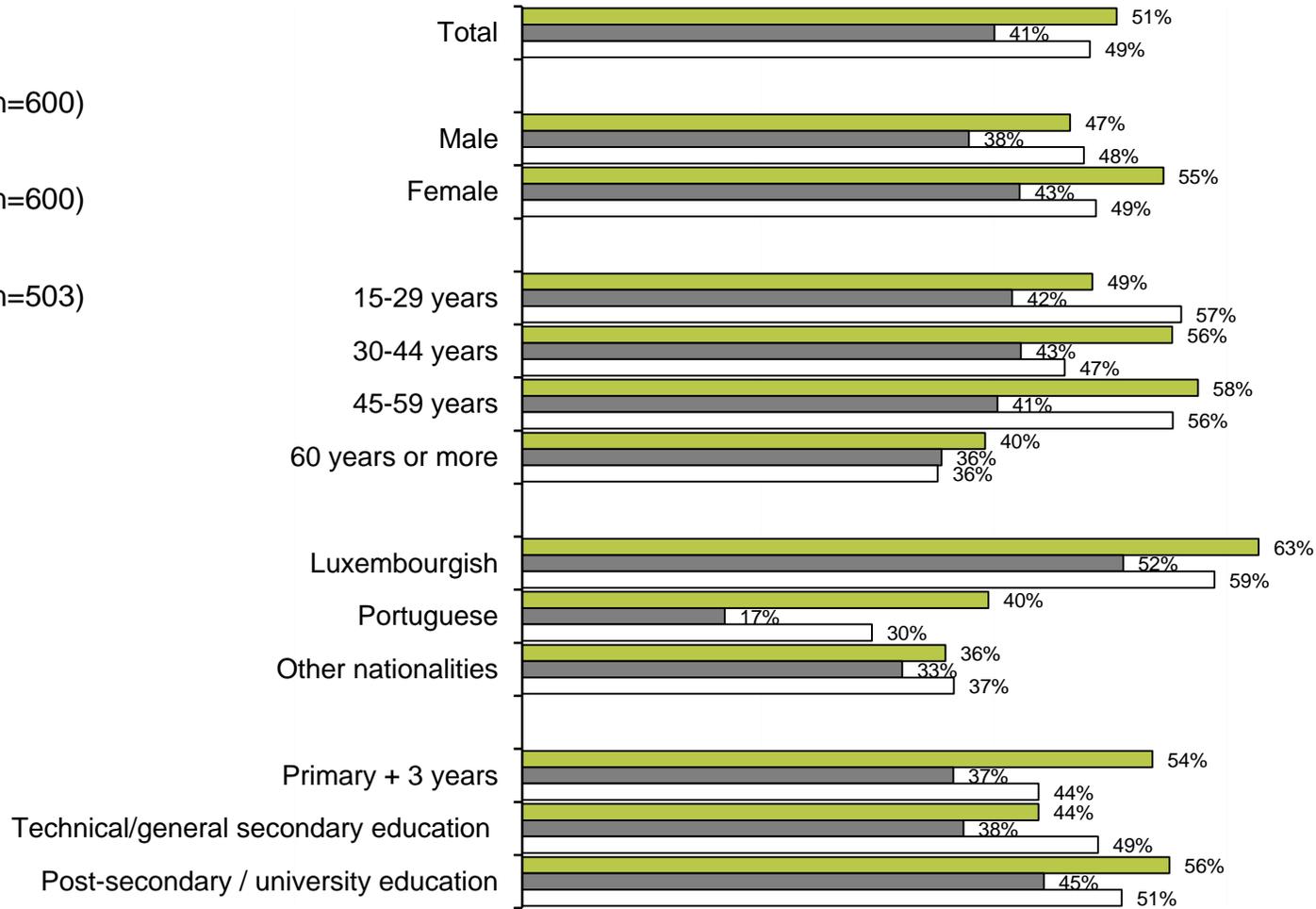
Q101.8

Do you know, have you read about or heard about... the **Science Festival**?
Comparative survey 2019 vs 2017, 2013

■ 2019 (n=600)

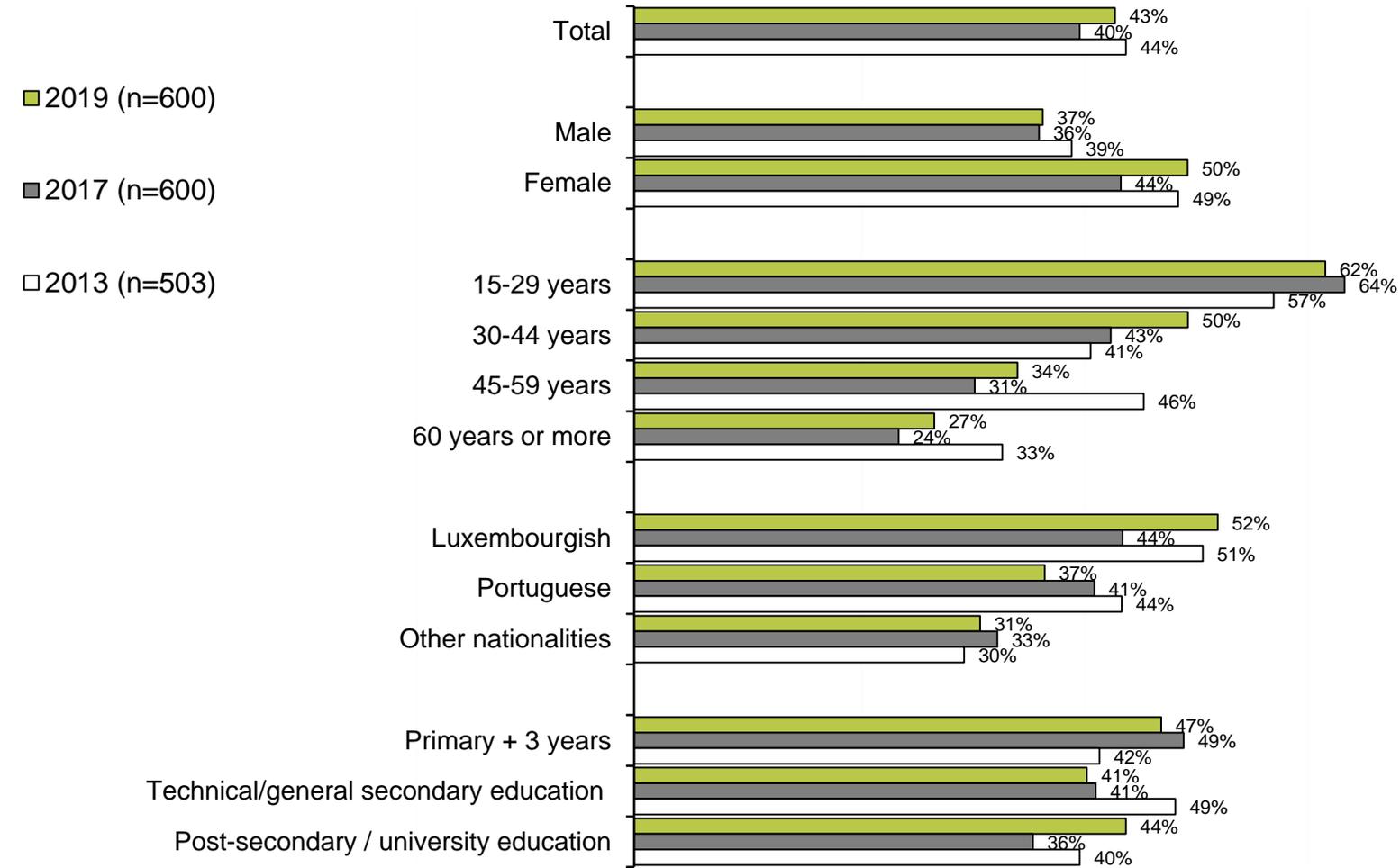
■ 2017 (n=600)

□ 2013 (n=503)



Q101.10

Do you know, have you read about or heard about... the website or Facebook page **Science.lu**?
Comparative survey 2019 vs 2017, 2013



Q101.9

Do you know, have you read about or heard about... **Researchers' Days?**
Comparative survey 2019 vs 2017, 2013

