



1%
relative to
EU + UK total

23 969

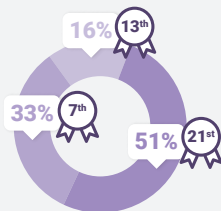
HORECA establishments

16th

24th

1 for every
478 inhabitants

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



Ranking out of 28 countries
(EU + UK)

In number of establishments and density relative to population, Belgium has a modest hospitality sector. This may explain why there is a relatively large amount of tonnage of one-way glass beverage packaging per establishment, with Belgium ranking 7th overall. In unit terms, however, there are very few one-way glass beverage bottles in HORECA compared to all glass beverage bottles placed on the market. This is also confirmed with a low share of one-way glass beverage packaging tonnage compared to all glass packaging, as well as low kg/capita consumption. This may be due to high levels of reusable glass packaging in HORECA, as well as high levels of home-consumption of products packed in glass.

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)**



0,3
/10

24th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

14th



28,43
kg/capita
(all glass packaging)



3,01
kg/capita
(one-way glass beverage
packaging in HORECA)

24th



325 713
tonnes
(all glass packaging)

21st



34 536
tonnes
(one-way glass
beverage packaging
in HORECA)

14th

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)**



1,44
tonnes

7th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)**



2,5%
relative to
EU + UK total

52 649

HORECA establishments

10th

7th

1 for every
168 inhabitants

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)**



0,8
/10

16th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

9th



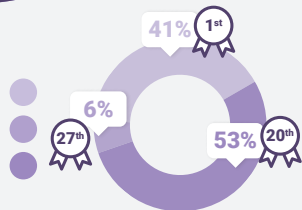
34,13
kg/capita
(all glass packaging)



6,79
kg/capita
(one-way glass beverage
packaging in HORECA)

7th

- Accommodation
- Pubs, Clubs & Bars
- Restaurants



**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)**



1,14
tonnes

12th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)**



Ranking out of 28 countries
(EU + UK)



11%
relative to
EU + UK total

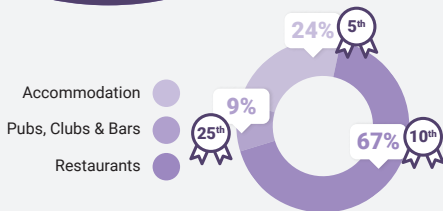
3rd

231 794

HORECA establishments

15th

1 for every
290 inhabitants



Ranking out of 28 countries
(EU + UK)

In number of establishments, France has the 3rd biggest hospitality sector in Europe. But the share of one-way glass beverage bottles in HORECA is quite low, representing 11% of the total tonnage of glass packaging placed on the market and less than 1 in every 10 glass beverage bottles. While France is 3rd on general per capita consumption of glass packaging, it ranks only 12th when it comes to per capita consumption of one-way glass beverage packaging in HORECA. This may be due to high levels of reusable glass packaging in HORECA, as well as high levels of home-consumption of products packed in glass. Nevertheless, in absolute terms, France represents the 4th biggest market for the collection and recycling of glass packaging in HORECA, and is in the top 10 of consumption of one-way glass beverage packaging per establishment.

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles**
(units placed on the market)



0,7
/10

19th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

3rd



42,91
kg/capita
(all glass packaging)



4,83
kg/capita
(one-way glass beverage
packaging in HORECA)

12th



2 887 673
tonnes
(all glass packaging)

11%

20th

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging**
(tonnes placed on the market)



324 692
tonnes
(one-way glass
beverage packaging
in HORECA)

4th



1,4
tonnes

9th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment**
(tonnes / establishment)



10%
relative to
EU + UK total

4th

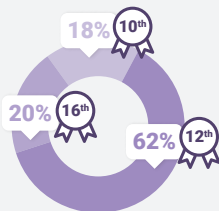
211 289

HORECA establishments

21st

1 for every
393 inhabitants

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



Ranking out of 28 countries
(EU + UK)

In number of establishments, Germany has the 4th biggest hospitality sector in Europe and in absolute terms, it represents the 5th biggest market for the collection and recycling of glass packaging in HORECA. But the share of one-way glass beverage bottles in HORECA is very low, representing 7% of the total tonnage of glass packaging placed on the market and 0,2 in every 10 glass beverage bottles – the lowest ratio in Europe. While Germany is 5th on general per capita consumption of glass packaging, it ranks only 22nd when it comes to per capita consumption of one-way glass beverage packaging in HORECA. This may be due to high levels of reusable glass packaging in HORECA, as well as high levels of home-consumption of products packed in glass.

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles**
(units placed on the market)



0,2
/10

28th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

5th



37,17
kg/capita
(all glass packaging)



2,63
kg/capita
(one-way glass beverage
packaging in HORECA)

22nd



3 085 900
tonnes
(all glass packaging)

7%

24th

218 684
tonnes
(one-way glass
beverage packaging
in HORECA)



5th

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging**
(tonnes placed on the market)



1,04
tonnes

16th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment**
(tonnes / establishment)



1%
relative to
EU + UK total

17 228

HORECA establishments

18th

14th

1 for every
285 inhabitants

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)**



1,6
/10

6th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

11th



32,86
kg/capita
(all glass packaging)



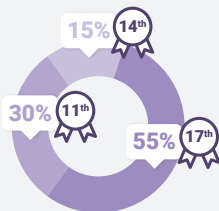
4,94
kg/capita
(one-way glass beverage
packaging in HORECA)

11th

Accommodation

Pubs, Clubs & Bars

Restaurants



161 144
tonnes
(all glass packaging)

15%

17th



24 220
tonnes
(one-way glass
beverage packaging
in HORECA)

17th

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)**



1,41
tonnes

8th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)**



Ranking out of 28 countries
(EU + UK)



21%
relative to
EU + UK total

425 570

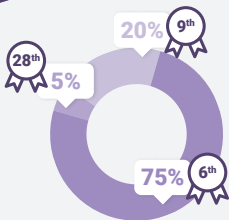
HORECA establishments

1st

4th

1 for every
141 inhabitants

- Accommodation
- Pubs, Clubs & Bars
- Restaurants



Ranking out of 28 countries
(EU + UK)

In number of establishments, Italy has the biggest hospitality sector in Europe and the 4th highest density of HORECA establishments relative to population. In absolute terms, it represents the 2nd biggest market for the collection and recycling of glass packaging in HORECA. In unit terms, Italy ranks 4th on the number of one-way glass beverage bottles placed on the market in HORECA but only 11th when it comes to the share of tonnage, indicating smaller bottle formats. Generally, however, it should be noted that consumption of one-way glass beverage packaging in HORECA, where Italy ranks 3rd, is consistent with the high levels of consumption of all glass packaging where Italy ranks 2nd.

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)**



2,1
/10

4th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

2nd



44,77
kg/capita
(all glass packaging)



9,17
kg/capita
(one-way glass beverage
packaging in HORECA)

3rd



2 677 830
tonnes
(all glass packaging)

20%

11th



548 227
tonnes
(one-way glass
beverage packaging
in HORECA)

2nd

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)**



1,29
tonnes

11th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)**



4%
relative to
EU + UK total

8th

77 484

HORECA establishments

26th

1 for every
490 inhabitants

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



Ranking out of 28 countries
(EU + UK)

In Poland, there is a limited amount of consumption of one-way glass beverage bottles in HORECA. While Poland ranks 7th in terms of total kg/capita consumption of glass packaging, it ranks only 25th when it comes to one-way glass beverage bottles in HORECA. This can be explained by one of the lowest densities of HORECA establishments relative to population, the likely widespread presence of refillable glass bottles in HORECA, and a large share of at-home consumption of glass containers. Nevertheless, Poland still represents the 8th biggest market for the collection and recycling of glass packaging in HORECA.

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles**
(units placed on the market)



0,3
/10

26th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

7th



35,79
kg/capita
(all glass packaging)



2,13
kg/capita
(one-way glass beverage
packaging in HORECA)

25th



1 359 173
tonnes
(all glass packaging)

6%
26th

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging**
(tonnes placed on the market)



81 063
tonnes
(one-way glass
beverage packaging
in HORECA)

8th



1,05
tonnes

15th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment**
(tonnes / establishment)



4%
relative to
EU + UK total

7th

90 232

HORECA establishments

3rd

1 for every
114 inhabitants

Portugal has the 3rd highest density of HORECA establishments relative to population and is home to the 7th biggest hospitality sector in Europe, with the 2nd largest relative share of pubs, clubs and bars. Portugal is also the 6th biggest market for the collection and recycling of glass packaging in HORECA. In unit terms, Portugal ranks 2nd on the number of one-way glass beverage bottles placed on the market in HORECA, and 2nd also on the tonnage share compared to all glass packaging. This is also reflected in terms of consumption, with Portugal being the country which consumes the most one-way glass beverage packaging in HORECA in kg/capita, and ranks 4th in consumption per establishment. Portugal is therefore a priority country when it comes to glass collection and recycling in HORECA.

Number of one-way glass beverage bottles in HORECA vs. all glass beverage bottles (units placed on the market)



2,3
/10

2nd

Annual consumption of one-way glass beverage packaging in HORECA vs. all glass packaging

4th



38,01
kg/capita
(all glass packaging)



14,79
kg/capita
(one-way glass beverage packaging in HORECA)

1st

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



390 596
tonnes
(all glass packaging)

39%
2nd



151 942
tonnes
(one-way glass beverage packaging in HORECA)

6th

Share of one-way glass beverage packaging in HORECA vs. all glass packaging (tonnes placed on the market)



1,68
tonnes

4th

Average annual consumption of one-way glass beverage packaging in a HORECA establishment (tonnes / establishment)



Ranking out of 28 countries (EU + UK)



15%
relative to
EU + UK total

320 122

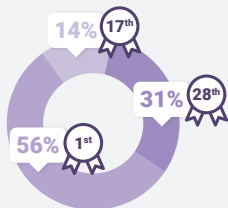
HORECA establishments

2nd

5th

1 for every
147 inhabitants

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



Ranking out of 28 countries
(EU + UK)

Spain has the 2nd largest hospitality sector in Europe and the 5th highest density of HORECA establishments relative to population, with the largest relative share of pubs, clubs and bars. Interestingly, it also has the lowest share of restaurants. Spain is the 3rd biggest market for the collection and recycling of glass packaging in HORECA. In unit terms, it ranks 5th on the number of one-way glass beverage bottles placed on the market in HORECA, and 3rd on the tonnage share compared to all glass packaging. Consumption figures also demonstrate the strong impact of HORECA, with Spain ranking 5th in terms of one-way glass beverage packaging per establishment and 2nd in terms of kg/capita in HORECA. Spain is therefore a priority country when it comes to glass collection and recycling in HORECA.

Number of one-way glass beverage bottles in HORECA vs. all glass beverage bottles (units placed on the market)



1,9
/10

5th

Annual consumption of one-way glass beverage packaging in HORECA vs. all glass packaging

12th



31,80
kg/capita
(all glass packaging)



11,35
kg/capita
(one-way glass beverage packaging in HORECA)

2nd



1 492 739
tonnes
(all glass packaging)

36%

3rd



532 565
tonnes
(one-way glass beverage packaging in HORECA)

3rd

Share of one-way glass beverage packaging in HORECA vs. all glass packaging (tonnes placed on the market)



1,66
tonnes

5th

Average annual consumption of one-way glass beverage packaging in a HORECA establishment (tonnes / establishment)



2%
relative to
EU + UK total

31 793

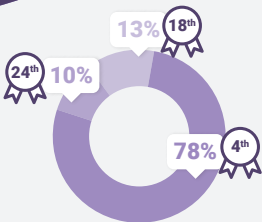
HORECA establishments

13th

17th

1 for every
322 inhabitants

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



Ranking out of 28 countries
(EU + UK)

In number of establishments and density relative to population, Sweden has a modest hospitality sector. When it comes to glass packaging, Sweden ranks 9th on the number of one-way glass beverage bottles placed on the market in HORECA but only 19th when it comes to the share of tonnage, indicating smaller bottle formats. Generally, consumption of one-way glass beverage packaging in HORECA is on par with the general consumption of glass packaging.

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)**



1,3
/10

9th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

18th



22,84
kg/capita
(all glass packaging)

(all glass packaging)



2,73
kg/capita
(one-way glass beverage
packaging in HORECA)

(one-way glass beverage
packaging in HORECA)

21st



233 637
tonnes
(all glass packaging)

12%
19th

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)**



27 905
tonnes
(one-way glass
beverage packaging
in HORECA)

15th



0,88
tonnes

21st

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)**



9%
relative to
EU + UK total

5th

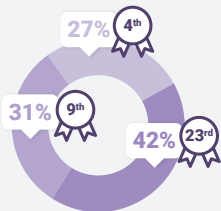
188 184

HORECA establishments

18th

1 for every
354 inhabitants

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



Ranking out of 28 countries
(EU + UK)

The UK has the 5th largest hospitality sector in EU + UK, but ranks only 18th in density relative to population. However, it is the biggest market for glass collection and recycling in HORECA. With 3 out of every 10, it has the highest number of one-way glass bottles placed on the market in HORECA and ranks 9th in terms of tonnage, indicating smaller bottle formats. The low density of its hospitality sector may explain why the UK ranks 1st also on the average consumption of one-way glass beverage packaging per establishment. Generally, however, it should be noted that consumption of one-way glass beverage packaging in HORECA, where the UK ranks 4th, is consistent with the high levels of consumption of all glass packaging where it ranks 6th. The UK is therefore a priority country for glass collection and recycling in HORECA.

Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)



3

/10

1st

Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging

6th



36,30
kg/capita
(all glass packaging)



8,62
kg/capita
(one-way glass beverage
packaging in HORECA)

4th



2 419 000
tonnes
(all glass packaging)

24%

9th



574 338
tonnes
(one-way glass
beverage packaging
in HORECA)

1st

Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)



3,05
tonnes

1st

Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)



3%
relative to
EU + UK total

55 103

HORECA establishments

9th

8th

1 for every
193 inhabitants

- Accommodation
- Pubs, Clubs & Bars
- Restaurants



Ranking out of 28 countries
(EU + UK)

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles**
(units placed on the market)



0,8
/10

17th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

19th

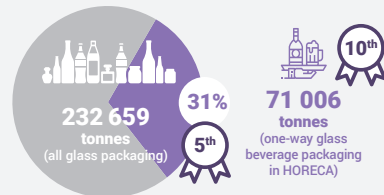


21,85
kg/capita
(all glass packaging)



6,67
kg/capita
(one-way glass beverage
packaging in HORECA)

9th



**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging**
(tonnes placed on the market)



1,29
tonnes

10th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment**
(tonnes / establishment)



0,2%
relative to
EU + UK total

25th

4 617

HORECA establishments

23rd

1 for every
416 inhabitants

- Accommodation
- Pubs, Clubs & Bars
- Restaurants



Ranking out of 28 countries
(EU + UK)

The hospitality sector in Latvia is very modest, and consequently it is a very small market for glass collection and recycling. This may explain why Latvia ranks 3rd in terms of consumption of one-way glass beverage packaging per establishment, meaning that a targeted approach towards each establishment would yield important results towards glass collection and recycling. Especially as in unit terms, Latvia ranks 7th on the number of one-way glass beverage bottles placed on the market in the HORECA channel, and consumption of glass packaging is in general very high, with Latvia ranking 8th both for kg/capita of glass packaging and specifically one-way glass beverage packaging in HORECA.

Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)



1,5
/10

7th

Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging

8th



34,34
kg/capita
(all glass packaging)



6,68
kg/capita
(one-way glass beverage
packaging in HORECA)

8th



65 934
tonnes
(all glass packaging)

19%

13th



12 816
tonnes
(one-way glass
beverage packaging
in HORECA)

21st

Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)



2,78
tonnes

3rd

Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)



5%
relative to
EU + UK total

6th

98 390

HORECA establishments

1st

1 for every
109 inhabitants

With 1 HORECA establishment for every 109 inhabitants, Greece is the country with the highest density of HORECA establishments relative to population and has the 6th biggest hospitality sector in Europe. It is the 9th biggest market for glass collection and recycling in HORECA. With 78% of the total share of glass packaging being one-way glass beverage packaging placed on the market, Greece is by far the European country where the HORECA sector makes the most significant contribution towards the glass collection for recycling rate. Greece also ranks 3rd in terms of units, with more 2 out of every 10 bottles representing one-way glass beverage bottles in the HORECA channel. Although Greece is the lowest consumer of glass packaging in kg/capita, it ranks 5th in terms of kg/capita consumption of one-way glass beverage packaging in HORECA. As a result, Greece is a priority country for glass collection and recycling in HORECA.

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles**
(units placed on the market)



2,2
/10

3rd

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

28th



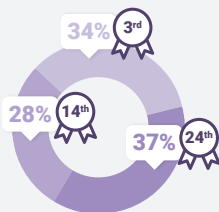
9,60
kg/capita
(all glass packaging)



7,46
kg/capita
(one-way glass beverage
packaging in HORECA)

5th

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



103 000
tonnes
(all glass packaging)

78%
1st

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging**
(tonnes placed on the market)



79 970
tonnes
(one-way glass
beverage packaging
in HORECA)

9th



0,81
tonnes

24th

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment**
(tonnes / establishment)



Ranking out of 28 countries
(EU + UK)



1%
relative to
EU + UK total

14th

28 765

HORECA establishments

28th

1 for every
675 inhabitants

**Number of one-way glass beverage bottles
in HORECA vs. all glass beverage bottles
(units placed on the market)**



1,0
/10

12th

**Annual consumption of one-way glass
beverage packaging in HORECA vs. all
glass packaging**

22nd



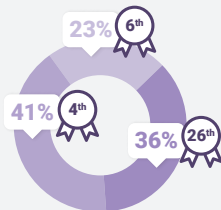
18,05
kg/capita
(all glass packaging)



4,18
kg/capita
(one-way glass beverage
packaging in HORECA)

14th

- Accommodation ●
- Pubs, Clubs & Bars ●
- Restaurants ●



350 450
tonnes
(all glass packaging)

23%
10th

**Share of one-way glass beverage packaging
in HORECA vs. all glass packaging
(tonnes placed on the market)**



81 220
tonnes
(one-way glass
beverage packaging
in HORECA)

7th



2,82
tonnes

2nd

**Average annual consumption of one-way
glass beverage packaging in a HORECA
establishment
(tonnes / establishment)**



Ranking out of 28 countries
(EU + UK)