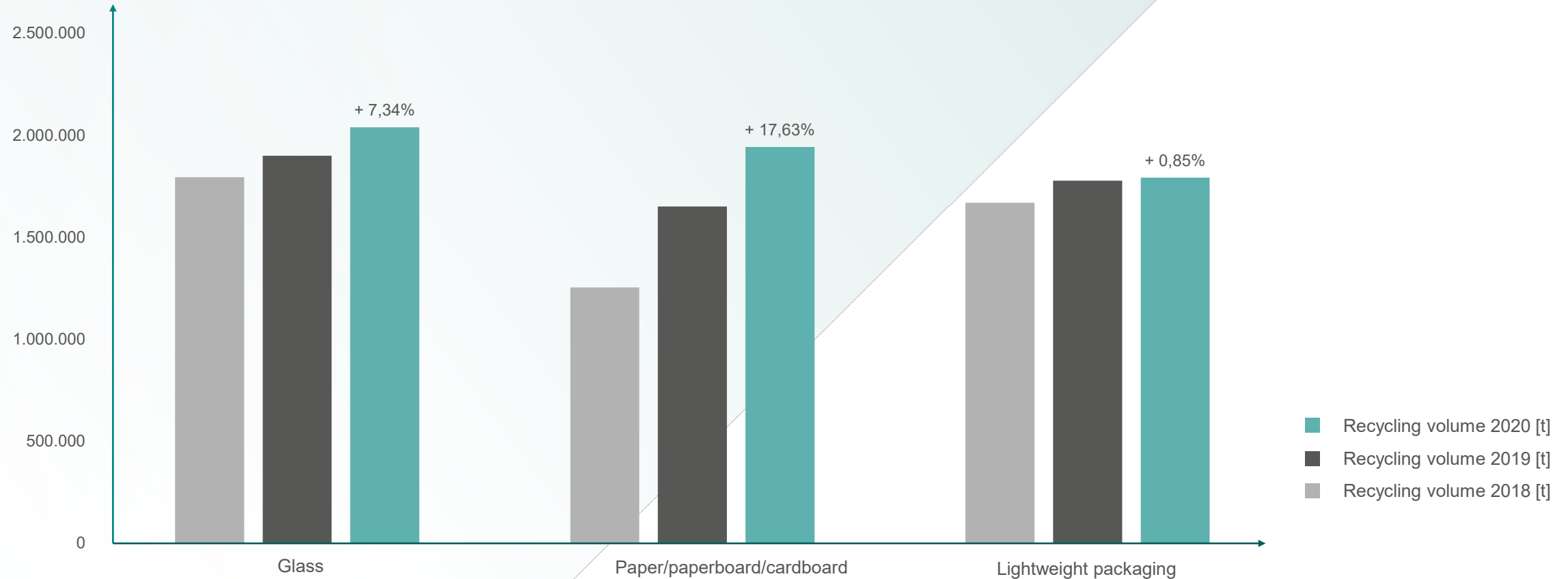


# Recycling volumes for private final consumer packaging 2018–2020

Increases in all collection groups



A total of roughly 5.8 million tonnes of used packaging from private final consumers was transferred for recovery in 2020, representing a year-on-year increase of 8.4%.

# Recycling rates 2020

In the 2020 reference year, the systems achieved the following recycling rates:

	PPC	Glass	Plastics		Aluminium	Ferrous metals	Beverage carton packaging	Other composite packaging
			Total	Mechanical				
Recycling rate 2020	90.6%	82.4%	104.0%	60.6%	107.0%	93.0%	76.0%	62.6%
VerpackG target	85.0%	80.0%	90.0%	58.5%	80.0%	80.0%	75.0%	55.0%
	+5.6%	+2.4%	+14.0%	+2.1%	+27.0%	+13.0%	+1.0%	+7.6%

**Of the waste collected in yellow bins and sacks – sorting errors included – a total (the system’s total recycling quotas pursuant to section 16 (4)) of 50.5% was recycled (required: 50%).**

- ◆ The recycling rate for plastic packaging is over 100%. That is a clear indication that underparticipation is continuing.
- ◆ For aluminium packaging, the level of the recycling rate may be influenced by the change to the definition of 'composite'; the packaging is attributed to composites by definition but the recycling volumes are attributed to aluminium. The delineation needs to be clarified in future.
- ◆ For paper/paperboard/cardboard packaging (PPC), 100% was recycled but not fully evidenced because conditions had not been agreed with local authorities in some cases.
- ◆ The higher target requirements taking effect in 2022 were only met by the paper, metal packaging and plastics recycling volumes in 2020 overall.

# Recycling rates for private final consumer packaging 2020

## Exports of sorted plastic packaging

The export of sorted plastic packaging from the system for mechanical recycling were slightly lower in 2020 than the year before. The majority of destination countries for the exports were within the EU.

The following is an overview of all sorted plastic packaging for 2020 (incl. mixed plastics):

All systems / all plastics	Percentage
Recovery within Germany	80.63%
Recovery outside of Germany	19.37%
thereof within the EU	16.62%
thereof non-EU (Turkey, Switzerland, Serbia)	2.75%

**Note:**

Almost 8,800 tonnes of plastics were not recognised by ZSVR due to a lack of sufficient evidence of recovery. The recovery of an additional approximately 5,200 tonnes is being looked into.

The following overview of plastics shows the distribution for 2020 (excluding mixed plastics):

All systems/plastics	2019 in %	2020 in %
Recovery within Germany	66.97%	62.68%
Recovery outside of Germany	33.03%	37.32%
thereof within the EU	22.12%	31.79%
thereof non-EU (Turkey, Switzerland, Serbia)	0.91%	5.53%

# Recycling rates for private final consumer packaging 2020

Exports of sorted composite packaging

**Exports of other composites made of paper/paperboard/cardboard (excluding beverage carton packaging) for recycling is increasing.**

The following **overview** of other composites shows the **data** for **2020**:

All systems/ other composites	2019 in %	2020 in %
Recovery within Germany	73.25%	70.69%
Recovery outside of Germany	26.75%	29.31%
thereof within the EU	26.75%	25.49%
thereof non-EU	0.00%	3.82%

## Notes:

The ZSVR did not recognise roughly 110 tonnes of composite material exported to India for recovery due to a lack of evidence.