

Equivalent Passenger Unit (EPU) ratios

Equivalent Passenger Unit (EPU) is a standard passenger car tyre. The weight of an EPU for a new standard passenger car tyre is standardised as 9.5kg; and the weight of an EPU for an end-of-life standard passenger car tyre is standardised as 8 kg.

The following EPU ratios reflect the potential recoverable resources from the various types of tyres. The first set is to be used by tyre importers, vehicle manufacturers and importers and miners for reporting data to TSA as part of their specific commitments. The second set is to be used by recyclers for reporting data to TSA as part of their specific commitments. Each set reflects the categorisations used by the respective industries.

Reporting can be in EPUs or by weight.

EPUs for reporting by tyre importers and vehicle manufacturers:

Type of tyre	EPU ratio
Motorcycle	0.5
Passenger Car	1
Light Truck/SUV	2
Truck small (17.5" & 19.5")	3
Truck large (20" & 22.5")	5
Small Specialty/Ag (skid steer, forklift 8"-15", front tractor & backhoe 15" to 18")	3
Medium Specialty/Ag (20" – 30")	5-8
Large Specialty Ag (32" and above)	20-30
Small Earthmover (24" – 25")	50
Medium Earthmover (29" – 35")	100
Large Earthmover (above 35")	200

EPUs for reporting by collectors, balers and recyclers

Type of tyre	EPU ratio
Motorcycle	0.5
Passenger	1
Light Truck	2
Truck	5
Super Single	10
Solid small (up to 0.3m high)	3
Solid medium (>0.3m up to 0.45m)	5
Solid large (>0.45 m up to 0.6m)	7
Solid extra large (> 0.6m)	9
Tractor small (up to 1m high)	15
Tractor large (>1m up to 2m)	25
Fork lift small (up to 0.3m high)	2
Fork lift medium (>0.3m up to 0.45m)	4
Fork lift large (>0.45m up to 0.6m)	6
Grader	15
Earth mover small (up to 1m high)	20
Earth mover medium (>1m up to 1.5m)	50
Earth mover large (>1.5 up to 2m)	100
Earthmover extra large (>2m up to 3.0m)	200
Earthmover giant (>3 up to 4m)	400
Bobcat	2