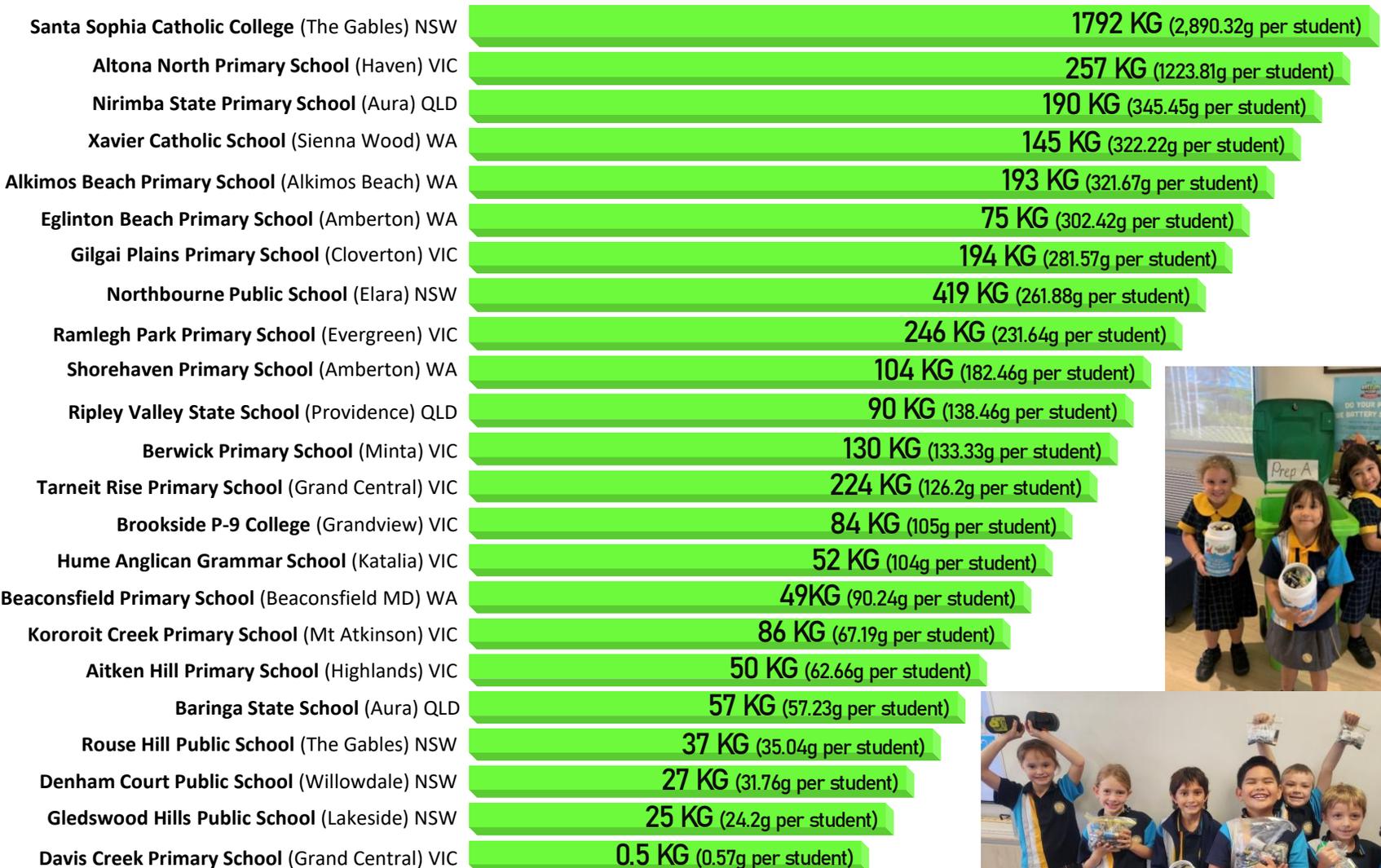


Sustainability Impact



4526.5kg of batteries recycled equates to 196,804 alkaline AA batteries that have been diverted from landfill.

End Of Life* recycling environmental impact of diverting 196,804 AA batteries:
≈ 14,169.89kg CO2e avoided

Which is the equivalent** to:

- Greenhouse gas emissions from a car driving 58,072km
- CO2 emissions from 1,145,590 smartphones being fully charged
- Carbon sequestered by 234 tree seedlings grown for 10 years
- 3 homes' electricity use for one year

This also creates a direct contribution to the circular economy with battery recycling recovering metals like lead, cadmium, nickel, steel, zinc, mercury, cobalt, lithium, silver and manganese. Much of the material that makes up alkaline batteries can be used as agricultural fertilizer, as well as being used in steel making.

In addition to the toxic materials diverted from landfill, recycling offsets the climate impact derived from the mining, refining, manufacturing and packaging which all contribute to Greenhouse Gas emissions.***

Source:
* ScienceDirect. Life Cycle Analysis of AA Alkaline Batteries
**www.epa.gov
***Analysis of the climate impact of lithium-ion batteries and how to measure it, Circular Energy Storage, July 2019