



Fact sheet: E-waste ban Estimating the weight of e-waste

E-waste to landfill ban in Western Australia



This fact sheet provides per-unit default factors that can be used to estimate weight of regulated e-waste to meet the recordkeeping and reporting obligations under the [Waste Avoidance and Resource Recovery \(e-waste\) Regulations 2024](#) (the Regulations). It should be read in conjunction with the Regulations.

E-waste service providers and significant entities^a have recordkeeping and reporting obligations under the Regulations. Information about these roles and their obligations is covered in [fact sheets](#) available on the Department of Water and Environmental Regulation website.

Under the Regulations, regulated e-waste must be reported in tonnes. However, many business and public entities do not have weighbridges. To estimate the weight per unit of regulated e-waste, refer to the table below.

Regulated e-waste category (Schedule 1 Column 1)	UNU-KEY	Description	Average weight (kg/unit) ^b
Large appliances	102	Dishwashers	43.3
Large appliances	103	Kitchen (e.g. large furnaces, ovens, cooking equipment)	47.66
Large appliances	104	Washing machines (incl. combined dryers)	72.54
Large appliances	105	Dryers (wash dryers, centrifuges)	45.98
Lighting and lamps	ccc	Lamps (e.g. pocket, Christmas; excluding LED and incandescent)	0.09
Lighting and lamps	502	Compact fluorescent lamps (incl. retrofit and non-retrofit)	0.08
Lighting and lamps	503	Straight tube fluorescent lamps	0.11
Lighting and lamps	504	Special lamps (e.g. professional mercury, high- and low-pressure sodium)	0.08
Lighting and lamps	505	LED lamps (incl. retrofit LED lamps & household LED luminaires)	0.08
Lighting and lamps	506	Household luminaires (incl. household incandescent fittings)	0.45
Lighting and lamps	507	Professional luminaires (offices, public space, industry)	2.67
Medical devices (that would not because of shape or size, fit into a container measuring 50cm x 50cm x 50cm)	802	Professional medical (e.g. hospital, dentist, diagnostics)	67.04
Screens, information technology and telecommunications	702	Game consoles	0.48

^a A significant entity means a business or public entity that employs 200 or more full-time equivalent employees or generates five or more tonnes of regulated e-waste from their own activities in the financial year. This does not include regulated e-waste collected from residents.

^b Forti V., Balde C.P., Kuehr R. (2018). E-waste Statistics: Guidelines on Classifications, Reporting and Indicators, second edition. United Nations University, VIÉ – SCYCLE, Bonn, Germany.

Regulated e-waste category (Schedule 1 Column 1)	UNU-KEY	Description	Average weight (kg/unit) ^b
Screens, information technology and telecommunications	301	Small IT (e.g. routers, mice, keyboards, external drives and accessories)	0.4
Screens, information technology and telecommunications	302	Desktop PCs (excl. monitors, accessories)	8.77
Screens, information technology and telecommunications	303	Laptops (incl. tablets)	1.26
Screens, information technology and telecommunications	304	Printers (e.g. scanners, multifunctionals, faxes)	10.32
Screens, information technology and telecommunications	305	Telecom (e.g. (cordless) phones, answering machines)	0.45
Screens, information technology and telecommunications	306	Mobile Phones (incl. smartphones, pagers)	0.09
Screens, information technology and telecommunications	307	Professional IT (e.g. servers, routers, data storage, copiers)	40
Screens, information technology and telecommunications	308	Cathode ray tube monitors	22
Screens, information technology and telecommunications	309	Flat display panel monitors (LCD, LED)	5.5
Screens, information technology and telecommunications	407	Cathode ray tube TVs	33.2
Screens, information technology and telecommunications	408	Flat display panel TVs (LCD, LED, Plasma)	10.2
Temperature exchange equipment	001	Central heating (household installed)	30.85
Temperature exchange equipment	101	Professional heating and ventilation (excl. cooling equipment)	124.61
Temperature exchange equipment	106	Household heating and ventilation (e.g. hoods, ventilators, space heaters)	12.14
Temperature exchange equipment	108	Fridges (incl. combi-fridges)	40.79
Temperature exchange equipment	109	Freezers	44.09
Temperature exchange equipment	111	Air conditioners (household installed and portable)	26.7
Temperature exchange equipment	112	Other cooling (e.g. dehumidifiers, heat pump dryers)	41.7
Temperature exchange equipment	113	Professional cooling (e.g. large air conditioners, cooling displays)	110.1
Temperature exchange equipment	1002	Cooled dispensers (e.g. for vending, cold drinks)	92.22

Further information

A [series of fact sheets](#) has been developed to provide further information for significant entities and e-waste service providers. Topics covered include the responsibilities of service providers and significant entities, reporting requirements and how to estimate the weight of e-waste.

Where can I get more support?

If you need further information about data reporting requirements under the Regulations, please contact the Waste Data team: waste.data@dwer.wa.gov.au.

If you have questions about other aspects of the Regulations, email: ewaste@dwer.wa.gov.au
 Website: [E-waste to landfill ban in WA](#)

