



Australian Government

Department of Sustainability, Environment,
Water, Population and Communities

National Waste Policy: Less Waste, More Resources

**DISCUSSION PAPER ON PROPOSED AMENDMENTS
TO THE NATIONAL TELEVISION AND COMPUTER
RECYCLING SCHEME**

April 2013



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1 The National Television and Computer Recycling Scheme

1.1 Development of the National Television and Computer Recycling Scheme

The National Television and Computer Recycling Scheme (the Scheme) is the first program to be established under the Australian Government's *Product Stewardship Act 2011*, and the largest producer responsibility program ever to roll out in Australia. It is being delivered within the overarching framework of the National Waste Policy.

The National Waste Policy: *Less Waste, more resources* was agreed by Australian environment Ministers, through the then COAG Environment Protection and Heritage Council, on 5 November 2009. This policy has set the agenda for waste and resource recovery in Australia over the period to 2020. As a key strategy under the policy, Ministers also agreed that televisions and computers would be the first products to be regulated under new Commonwealth legislation supporting product stewardship.

The *Product Stewardship Act 2011* (the Act) came into effect on 8 August 2011 and provides the framework to effectively manage the environmental, health and safety impacts of products, and in particular those impacts associated with the disposal of products. The *Product Stewardship (Televisions and Computers) Regulations 2011* (the Regulations) underpin the Scheme and came into effect on 8 November 2011.

The making of the Regulations followed an extensive consultation process which commenced in 2009. Consultation included national road shows, three formal working groups and specific and targeted consultation with key stakeholders from industry and all tiers of government.

1.2 Outcomes of the Scheme

The Scheme's goals are ambitious, and include world-leading environmental performance and ensuring that around 97% of the Australian population has access to free recycling services.

The Scheme is designed to deliver a staged increase in the rate of recycling of televisions and computers from an estimated 17% in 2010-11 to 80% by 2021-22. This will ensure that an increase amount of hazardous materials such as lead, mercury and brominated flame retardants are diverted from landfill and other less desirable disposal methods, and that reusable materials such as precious and other metals, plastic and glass are recovered. A recycling rate of 80% is higher than the current recycling rate for any other household consumable, such as paper and packaging, and for comparable recycling programs internationally. From July 2014, the Scheme will require that at least 90% of the materials from recycling products are able to be used in new products.

Providing recycling services to communities across metropolitan, regional and remote Australia, free at the point of drop-off, is an important aspect of the Scheme. Because of the pace of technological development and the frequency with which people are upgrading their equipment, end-of-life televisions and computers are one of the fastest growing categories of waste in the community, and management of this waste has become an increasingly difficult challenge for governments around Australia. The Scheme is already increasing the number of options available for people seeking to dispose of their old equipment in an environmentally responsible way when upgrading, including people upgrading their televisions in response to the switchover to digital television signals around Australia.

The first Scheme collection services were established in May 2012. By March 2013, more than 220 public collection services had been rolled out in the Australian Capital Territory, South Australia, Queensland, New South Wales, Western Australia, Victoria and Tasmania. The Scheme requires that services be rolled out across Australia by the end of 2013.

1.3 The television and computer industries are delivering the Scheme's outcomes

A key aspect of the Scheme is that the environmental and service delivery outcomes are funded and delivered by television and computer importers and manufacturers, which they do by paying membership fees to a co-regulatory arrangement. Co-regulatory arrangements are organisations that have been assessed and approved by the Australian Government to manage the tasks of collecting, transporting and recycling televisions and computers.

In 2012-13, around 140 television and computer companies are contributing many millions of dollars to collect and recycle waste televisions and computers in Australia. The overwhelmingly positive response of the television and computer industries has ensured that the Scheme has got off to a successful start.

Three co-regulatory arrangements were approved in early 2012 to deliver these services under the Scheme. These organisations are administered by DHL Supply Chain, the Australia and New Zealand Recycling Platform and E-Cycle Solutions. Each has a specific recycling target for 2012-13, based on the total weight of televisions, computers, printers and computer products imported and manufactured by its members during the previous financial year.

A fourth co-regulatory arrangement, administered by Electronics Product Stewardship Australasia, was approved in April 2013 and, along with the other three arrangements, will have a recycling target for 2013-14. Each of the four co-regulatory arrangements is required to deliver recycling services nationally.

1.4 Ensuring the continued success of the Scheme

Given the ground breaking nature of the Scheme, it was anticipated during its development that on-the-ground experience would identify further opportunities to fine-tune and enhance the Scheme.

Since the Regulations underpinning the Scheme came into effect in November 2011, the Department of Sustainability, Environment, Water, Population and Communities, which administers the Scheme, has actively monitored and sought feedback on the Scheme's progress and rollout. Feedback received over this time has confirmed that the Scheme is working well, settings are generally appropriate and the implementation has progressed in an orderly manner. Stakeholder feedback has also been useful in identifying opportunities to further enhance and streamline the scheme's operation and administration and to support the Scheme's continued success over the longer term.

Through discussion with stakeholders, the department has identified four key areas where the Scheme could be further enhanced:

- Ensuring the Scheme's product codes and conversion factors reflect the covered products;
- Strengthening the capacity of the Scheme's co-regulatory arrangements to manage risk;
- Simplifying administrative processes for e-waste collection and recycling; and
- Aligning Scheme waste collection more closely with the waste stream and the requirement for recycling from the community's perspective.

The financial contribution that each television and computer company makes to recycle these products depends on the weight of products they import or manufacture. The weight of imports is estimated based on the type and quantity of products imported. Each covered product has an applicable product code in the Scheme's Regulations, and a conversion factor to estimate its weight. Refinement of these codes over time will ensure the Scheme keeps up with technological changes and that allocation of liability under the Scheme is fair.

Managing risk is an important responsibility of the Scheme's co-regulatory arrangements. To deliver the outcomes of the Scheme, the arrangements must manage the millions of dollars contributed by the television and computer industries. It is vital to the environmental outcomes of the Scheme, and to the interests of the television and computer industries and the community, that the co-regulatory arrangements are able to manage risk effectively. Administrators of co-regulatory arrangements have identified the treatment of part-year members in the calculation of targets and predicting the types of products that will be offered by the community for recycling as significant risk management issues. Discussion with potential new co-regulatory arrangements has also highlighted the timeframes for delivering recycling services across Australia as a risk to new entrants.

Given the rapid increase in recycling required under the Scheme, it is important that collection and recycling can be undertaken efficiently. Recyclers and arrangement administrators have demonstrated that the current requirement for waste televisions to be separated from waste computers, printers and computer products is an impediment to efficient processing, without adding to the environmental outcomes of the Scheme.

The provision of recycling services around Australia is intended to meet the community's requirement for recycling of televisions and computers. Co-regulatory arrangement administrators and collection service operators, including local government authorities, have highlighted that the requirement for co-regulatory arrangements to meet separate targets for televisions and computers, printers and computer products means that there can be a

difference between what the arrangement wants to recycle and what the community wants to have recycled.

1.5 A process to update the Scheme in two phases

To address the issues identified above, this paper proposes, for consultation with stakeholders, a package of improvements to the Scheme to be made in two phases.

Phase 1 includes a number of key amendments to the Regulations, proposed to take effect on or before 1 July 2013:

- Updating the Scheme's product codes and conversion factors to more accurately reflect covered products;
- Allocating a liable party's import and manufacture share to a co-regulatory arrangement's target on a pro-rata basis where the liable party is not a member of the arrangement for the full financial year;
- Creating one product class covering televisions, computers, printers and computer products, which will enable any of these products offered for recycling by the public to count towards the recycling target, whilst retaining the existing rules for setting each party's liability; and
- Allowing newly approved co-regulatory arrangements twelve months to provide reasonable access to collection services.

Phase 2 includes a number of additional areas where opportunities may exist to improve the Scheme further, to be assessed over the next twelve months, with any proposed amendments to take effect after 30 June 2014. Subject to stakeholder feedback, analysis will be undertaken to inform consideration as to whether there is benefit in further refining product codes and conversion factors, refining the calculation of 'waste arising' and extending the scope of the Scheme to cover similar electronic products.

2 Phase 1: amendments proposed to enhance the scheme for 2013-14

This section of the paper outlines the areas where stakeholder feedback has highlighted opportunities to enhance the Scheme, and amendments proposed to be made to the Scheme to take effect on or before 1 July 2013, in order to realise these opportunities.

2.1 Updating the Scheme's product codes and conversion factors

The liability of television and computer importers and manufacturers is determined by product codes applicable to the products that they import and manufacture, and conversion factors used to provide a converted weight of those products. The Scheme's product codes are aligned with the tariff and statistical codes used by the Australian Customs and Border Protection Service (Customs) and the Australian Bureau of Statistics (ABS) to identify imported products. The conversion factors are modelled numbers developed in consultation with the television and computer industries.

In response to feedback from industry stakeholders and in recognition that the covered products change over time, the department has worked with Customs and ABS to review and update these tariff and statistical codes to allow more precise groupings of products within individual codes.

These changes came into effect on 1 July 2012 with an update to Australian Working Tariff, the schedule of tariff and statistical codes used in Australia.

Following development of the new tariff and statistical codes, the department engaged an independent consultant to conduct a survey of industry stakeholders and develop accurate conversion factors for new and changed codes. This survey provided an opportunity for importers of television and computer products to provide input into the determination of conversion factors.

These new and updated codes are expected to improve the equity with which Scheme recycling targets are calculated and apportioned.

The proposed amendment will realign product codes and descriptions with those now in use by importers and more accurately reflect the products covered by the Scheme.

A list of the updated product codes and conversion factors is appended to this paper.

2.2 Pro-rata allocation of import and manufacture share of part-year members

The recycling targets of the Scheme's co-regulatory arrangements are calculated using a formula detailed in the Regulations. Key to this is the import or manufacture share of its members, which is based on each member's imports or manufactured products as a proportion of the total weight of covered products imported or manufactured by liable parties in the previous financial year.

Currently, this formula does not enable the splitting of a liable party's import or manufacture share, for example where a liable party is a member of two co-regulatory arrangements consecutively during a financial year or where a liable party is expelled from membership of a co-regulatory arrangement for non-payment of membership fees.

Consequently, a co-regulatory arrangement will be required to include towards its calculated target 100% of the import or manufacture share of a member, even if the member is only a member for a short period during the financial year. This leads to a risk of double counting of import and manufacture shares were a liable party to join two co-regulatory arrangements during a financial year, meaning that, in practice, liable parties are unable to move between co-regulatory arrangements during the year without paying duplicate membership fees. It also leads to financial risk to the co-regulatory arrangement and its other members should a member default on its membership fees.

These risks could be reduced by amending the target calculation formula to allocate a liable party's import and manufacture share to a co-regulatory arrangement on a pro-rata basis. That is, a proportion of a liable party's import or manufacture share would be allocated to a co-regulatory arrangement based on the proportion of the financial year that the liable party had been a member of the co-regulatory arrangement.

Under the proposal:

- When a liable party joined a co-regulatory arrangement for the first time in a given financial year, its membership would be considered to commence on 1 July of that year.
- If the liable party subsequently ceased being a member of that co-regulatory arrangement and joined a second co-regulatory arrangement, its membership of the second co-regulatory arrangement would be considered to commence immediately after its membership of the first co-regulatory arrangement ceased.
- Where a liable party ceased being a member of one co-regulatory arrangement and did not subsequently join another co-regulatory arrangement, it would continue to be liable for its residual import or manufacture share and would carry this forward into the subsequent financial year.

2.3 Timeframe for delivery of reasonable access by new co-regulatory arrangements

Under current settings, co-regulatory arrangements must deliver reasonable access to collection services in metropolitan, regional and remote Australia by 31 December 2013. This presents a significant risk for prospective co-regulatory arrangements seeking approval in the lead up to and after that deadline. In order to meet the deadline, prospective co-regulatory arrangements would need to enter into contracts without any guarantee that their application will be approved. If they intend to wait until approval is given, it may be impossible to meet the deadline.

It is proposed that this risk be addressed by allowing newly approved co-regulatory arrangements twelve months, from the date of approval, to provide reasonable access to collection services.

2.4 Creating one product class

During the development of the Scheme, it was noted that the amount and composition of waste televisions and computers being stored in the community was unknown. This fact, along with inherent uncertainty around the rate at which this legacy waste and other e-waste would be brought forward for recycling, was and remains a source of risk to the Scheme. A significant oversupply of end-of-life products would create waste disposal problems and expose the co-regulatory arrangements to significant financial risk.

When the first collection services under the Scheme were opened in Canberra in May 2012, these concerns appeared well-founded. In the first month of operation in Canberra, in the order of 1,000 tonnes was collected, significantly exceeding expectations. Co-regulatory arrangements have indicated that their concerns that a similar rate of collection would occur around the country led them to carefully pace the roll out of collection services.

Careful management of the roll out of collection services may in some circumstances be a suitable risk mitigation strategy for co-regulatory arrangements, but may impact negatively on the community's experience of the Scheme. It is also only a temporary solution, because co-regulatory arrangements are required to deliver a level of service to the community prescribed in relation to the Scheme's reasonable access outcome.

The provisions establishing the Scheme's reasonable access outcome set requirements around the levels of service that must be provided by every approved co-regulatory arrangement to communities in metropolitan, regional and remote areas of Australia. In delivering collection services, co-regulatory arrangements are obliged to accept collection of any products covered by the Scheme. This means that whatever covered products are offered by the public for recycling must be dealt with by the co-regulatory arrangements.

These provisions provide some flexibility to co-regulatory arrangements in how they deliver collection services. This flexibility is being used by co-regulatory arrangements to provide some control over collection levels and mitigate the financial risk of over-collection. For example, opening hours of drop-off services have been limited in some cases, and arrangements have delivered or are planning to deliver temporary events-based collections rather than permanent sites in some situations.

While such measures may enable a measure of control over total collection levels, they will not affect the composition of waste collected, which is determined by the products that the community wants to have recycled.

Approved co-regulatory arrangements are currently required to recycle televisions and computers, printers and computer products in specific ratios calculated using a formula in the Regulations. Although the ratio varies between co-regulatory arrangements, across the Scheme as a whole, more computers, printers and computer products than televisions must be recycled in the short term. Scheme recycling targets for 2012-13 are approximately 17,500 tonnes of televisions and 23,500 tonnes of computers, printers and computer products, meaning that around 57% of e-waste recycled under the Scheme must be computers, printers and computer products. These figures were determined based on the type and number of products imported in prior years as well as assumptions about usage and disposal patterns.

To date, the community's requirement for recycling under the Scheme has been primarily for recycling of televisions, with around 80 per cent of products (by weight) offered for recycling through Scheme collection services being televisions. The greater need for television recycling compared to computer recycling may be due to a number of factors, including the digital switchover, the export of used business information technology equipment for legitimate re-use and other market factors. Anecdotal evidence also suggests that some local governments around Australia are still dealing with stockpiles of televisions that would be eligible for recycling under the Scheme as an alternative to landfilling.

The Scheme's co-regulatory arrangements have been able to collect end-of-life computers, printers and computer products through business-to-business channels, and recycling of these products will make an important contribution to overall recycling efforts. However, it appears likely that, for the foreseeable future, the need to recycle televisions will exceed the need to recycle computers, printers and computer products.

The need to recycle products in different proportions than the proportions in which the public offers them for recycling can present a conundrum for co-regulatory arrangements and their members in achieving the Scheme target.

If the total collection effort is sufficient to enable the recycling target to be met for computers, printers and computer products, then a substantial surplus of televisions will be collected. The cost of disposing of these products will be borne by television and computer importers via the co-regulatory arrangements.

If the total collection effort is instead controlled to avoid this additional cost by avoiding over-collection of televisions, then the Scheme's recycling target for computers, printers and computer products will not be met.

The degree to which each co-regulatory arrangement (including its administrator and members) is impacted by this situation depends on the composition of its membership. In 2012-13, one arrangement will carry most of this risk, as its membership represents around 79% of total covered computer imports. Over the longer term, co-regulatory arrangements may seek to match their targets to anticipated collection ratios by refusing to renew the membership of liable parties in the computers product class, creating a compliance risk for these parties and a risk to the environmental effectiveness of the Scheme.

It is therefore proposed that the Scheme's co-regulatory arrangements be allowed to recycle televisions, computers, printers and computer products in the proportions in which the community wants to have them recycled, and have all of this recycling recognised under the Scheme, whilst retaining the existing rules for setting each party's liability. This can be achieved by creating one product class covering televisions, computers, printers and computer products, enabling any of these products offered for recycling by the public to count towards the recycling target.

The thresholds for determining liability and calculations for determining each liable party's import or manufacture share will remain unchanged, as these will continue to distinguish between the different product types within the single product class. The requirement that reasonable access be provided to communities in metropolitan, regional and remote Australia would also remain unchanged.

There is no discernible difference in the environmental benefits of recycling different ratios of televisions and computers. The materials included in televisions and computers are largely the same, and the most hazardous materials in electronic waste such as lead, mercury and brominated flame retardants, are found in both televisions and computers. Therefore, by removing the existing disincentives to increase total collection levels and to recycle more of the community's stockpile of waste televisions in the absence of sufficient computers, printers and computer products being offered for recycling, this amendment would have a positive environmental impact.

Technological convergence is also making distinguishing between products in the televisions class and the computers, printers and computer products classes increasingly difficult. Although importers must classify their products at the point of import for customs purposes, this information is not available at the points of collection and recycling. Feedback suggests that separating products into product types along these lines adds administrative complexity to the tasks of collection and recycling and may be subject to classification errors made by members of the community handing over their products for recycling and by staff at collection and recycling points. If detailed data on the types of products being recycled was needed in future, these could be obtained through periodic sampling or other methods with less administrative impact than continuous sorting of products into televisions and computers, printers and computer products.

Electronic waste products falling outside the Scheme, but related to televisions and computers (eg VCRs and set top boxes), which are sometimes also dropped off at Scheme collection sites, would still be excluded from recycling targets.

3 Next steps towards improving the national television and computer recycling scheme

As outlined in the introduction, this paper proposes, for consultation with stakeholders, improvements to the Scheme, to be developed and implemented in two phases.

Phase 1 includes relatively simple amendments to the Regulations, proposed to take effect from 1 July 2013. Phase 2 includes more complex improvements that are expected to require further analysis and are proposed to be considered for effect from 1 July 2014.

3.1 Phase 1: Changes proposed from 1 July 2013

These proposed improvements have been developed in response to feedback from stakeholders since the Scheme's commencement in November 2011.

The changes proposed to take effect from 1 July 2013 are:

- Updating the Scheme's product codes and conversion factors to more accurately reflect the covered products;
- Allocating a liable party's import and manufacture share to a co-regulatory arrangement's target on a pro-rata basis where the liable party is not a member of the arrangement for the full financial year
- Allowing newly approved co-regulatory arrangements twelve months to deliver reasonable access to collection services; and
- Creating one product class covering televisions, computers, printers and computer products, to enable any of these products offered for recycling by the public to count towards the recycling target, whilst retaining the existing rules for setting each party's liability.

Each of these changes will require amendments to the Regulations, to be made following this consultation process and prior to 1 July 2013.

3.2 Phase 2: Changes proposed for further analysis

Phase 2 will include consideration of additional areas where stakeholder feedback indicates that opportunities exist to improve the Scheme further, but where further analysis and discussion is required to inform the development of detailed proposals. It is proposed that these matters be considered for possible amendments to take effect from 1 July 2014.

The areas proposed for consideration in phase 2 are:

- Further refining product codes and conversion factors;
- Refining the calculation of 'waste arising', including by reconsidering the scaling factor (currently 0.9); and

- Extending the scope of the Scheme to cover similar electronic products, such as home entertainment equipment including video cassette recorders, DVD players, set top boxes, video game consoles and stereo equipment.

Subject to the outcomes of this consultation process, the department will develop further material to inform discussion of these matters during the 2013-14 financial year. This will include, among other things, updated analysis of the e-waste recycling industry in Australia, including its response to date to changes in market conditions effected by the Scheme.

3.3 Providing feedback on this package of improvements

Stakeholder forums will be held during April 2013 to discuss the amendments proposed for Phase 1, and stakeholders are invited to submit written comments.

Dates and venues for the stakeholder forums will be posted on the department's website at www.environment.gov.au/ewaste.

Written comments on the issues raised in this paper should be submitted to the department no later than Tuesday 7 May 2013 and can be emailed to ewaste@environment.gov.au or mailed to the Director, National Television and Computer Recycling Scheme, GPO Box 787, Canberra ACT 2601.

In particular, stakeholders may wish to consider the following questions:

1. Will the changes proposed for Phase 1 achieve the intended results, including:
 - a. Ensuring the Scheme's product codes and conversion factors more accurately reflect the covered products;
 - b. Strengthening the capacity of the Scheme's co-regulatory arrangements to manage risk;
 - c. Simplifying administrative processes for e-waste collection and recycling; and
 - d. Aligning Scheme waste collection more closely the waste stream and the requirement for recycling from the community's perspective.
2. Are there any other enhancements that could be considered as part of Phase 2?

Further consultation on the matters raised in Phase 2 will be undertaken during the 2013-14 financial year.

Appendix: new and updated product codes and conversion factors

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
1	8528720023 Plasma television, screen size less than 76 cm	25.7	8528720041 Plasma television, colour, analog 8528720046 Plasma television, colour, digital	30.1 30.1
2	8528720024 Plasma television, screen size 76 cm or more but less than 111 cm	25.7	8528720041 Plasma television, colour, analog 8528720046 Plasma television, colour, digital	30.1 30.1
3	8528720025 Plasma television, screen size 111 cm or more but less than 137 cm	32.7	8528720041 Plasma television, colour, analog 8528720046 Plasma television, colour, digital	30.1 30.1
4	8528720026 Plasma television, screen size 137 cm or more	38.6	8528720041 Plasma television, colour, analog 8528720046 Plasma television, colour, digital	30.1 30.1

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
5	8528720081 LCD and LED televisions, screen size less than 35 cm	2.5	8528720020 LCD television, colour, analog, wide screen size less than 80 cm 8528720022 LCD television, colour, analog, other than wide screen size 8528720060 LCD television, colour, digital, wide screen size less than 80 cm 8528720062 LCD television, colour, digital, other than wide screen size	5.4 18.5 5.4 18.5
6	8528720082 LCD and LED televisions, screen size 35 cm or more but less than 43 cm	2.6	8528720020 LCD television, colour, analog, wide screen size less than 80 cm 8528720022 LCD television, colour, analog, other than wide screen size 8528720060 LCD television, colour, digital, wide screen size less than 80 cm 8528720062 LCD television, colour, digital, other than wide screen size	5.4 18.5 5.4 18.5

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
7	8528720083 LCD and LED televisions, screen size 43 cm or more but less than 51 cm	3.4	8528720020 LCD television, colour, analog, wide screen size less than 80 cm 8528720022 LCD television, colour, analog, other than wide screen size 8528720060 LCD television, colour, digital, wide screen size less than 80 cm 8528720062 LCD television, colour, digital, other than wide screen size	5.4 18.5 5.4 18.5
8	8528720084 LCD and LED televisions, screen size 51 cm or more but less than 59 cm	3.9	8528720020 LCD television, colour, analog, wide screen size less than 80 cm 8528720022 LCD television, colour, analog, other than wide screen size 8528720060 LCD television, colour, digital, wide screen size less than 80 cm 8528720062 LCD television, colour, digital, other than wide screen size	5.4 18.5 5.4 18.5

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
9	8528720085 LCD and LED televisions, screen size 59 cm or more but less than 74 cm	4.8	8528720020 LCD television, colour, analog, wide screen size less than 80 cm 8528720022 LCD television, colour, analog, other than wide screen size 8528720060 LCD television, colour, digital, wide screen size less than 80 cm 8528720062 LCD television, colour, digital, other than wide screen size	5.4 18.5 5.4 18.5
10	8528720086 LCD and LED televisions, screen size 74 cm or more but less than 84 cm	10.9	8528720020 LCD television, colour, analog, wide screen size less than 80 cm 8528720021 LCD television, colour, analog, wide screen size 80 cm and over 8528720022 LCD television, colour, analog, other than wide screen size 8528720060 LCD television, colour, digital, wide screen size less than 80 cm 8528720061 LCD television, colour, digital, wide screen size 80 cm and over 8528720062 LCD television, colour, digital, other than wide screen size	5.4 18.4 18.5 5.4 18.4 18.5

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
11	8528720087 LCD and LED televisions, screen size 84 cm or more but less than 99 cm	13.7	8528720021 LCD television, colour, analog, wide screen size 80 cm and over	18.4
			8528720022 LCD television, colour, analog, other than wide screen size	18.5
			8528720061 LCD television, colour, digital, wide screen size 80 cm and over	18.4
			8528720062 LCD television, colour, digital, other than wide screen size	18.5
12	8528720088 LCD and LED televisions, screen size 99 cm or more but less than 109 cm	15.9	8528720021 LCD television, colour, analog, wide screen size 80 cm and over	18.4
			8528720022 LCD television, colour, analog, other than wide screen size	18.5
			8528720061 LCD television, colour, digital, wide screen size 80 cm and over	18.4
			8528720062 LCD television, colour, digital, other than wide screen size	18.5

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
13	8528720089 LCD and LED televisions, screen size 109 cm or more but less than 125 cm	18.0	8528720021 LCD television, colour, analog, wide screen size 80 cm and over	18.4
			8528720022 LCD television, colour, analog, other than wide screen size	18.5
			8528720061 LCD television, colour, digital, wide screen size 80 cm and over	18.4
			8528720062 LCD television, colour, digital, other than wide screen size	18.5
14	8528720090 LCD and LED televisions, screen size 125 cm or more but less than 135 cm	25.5	8528720021 LCD television, colour, analog, wide screen size 80 cm and over	18.4
			8528720022 LCD television, colour, analog, other than wide screen size	18.5
			8528720061 LCD television, colour, digital, wide screen size 80 cm and over	18.4
			8528720062 LCD television, colour, digital, other than wide screen size	18.5

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
15	8528720091 LCD and LED televisions, screen size 135 cm or more but less than 150 cm	28.7	8528720021 LCD television, colour, analog, wide screen size 80 cm and over 8528720022 LCD television, colour, analog, other than wide screen size 8528720061 LCD television, colour, digital, wide screen size 80 cm and over 8528720062 LCD television, colour, digital, other than wide screen size	18.4 18.5 18.4 18.5
16	8528720092 LCD and LED televisions, screen size 150 cm or more	37.7	8528720021 LCD television, colour, analog, wide screen size 80 cm and over 8528720022 LCD television, colour, analog, other than wide screen size 8528720061 LCD television, colour, digital, wide screen size 80 cm and over 8528720062 LCD television, colour, digital, other than wide screen size	18.4 18.5 18.4 18.5

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
17	8528720093 Other colour televisions	37.7	8528720040 Other colour analog televisions	18.5
			8528720042 Colour analog television, projection	30.1
			8528720043 Colour, analog, television, cathode-ray tube flat screen	26.2
			8528720044 Colour, analog, television, cathode-ray tube, other than flat screen, screen size less than 51 cm	6.1
			8528720045 Colour, analog, television, cathode-ray tube, other than flat screen, screen size 51 cm and over	39.6
			8528720047 Colour, digital television, projection	30.1
			8528720048 Colour, digital, television, cathode-ray tube flat screen size less than 51 cm	6.1
			8528720049 Colour, digital, television, cathode-ray tube flat screen size 51 cm and over	39.6
			8528720059 Colour, digital, television, cathode-ray tube, other than flat screen	26.2
8528720080 Other colour digital televisions	18.5			

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
18	8471300031 Laptops, notebooks and palmtops weighing not more than 1 kg	0.6	8471300020 Laptops, notebooks and palmtops weighing not more than 10 kg	2.4
19	8471300033 Laptops, notebooks and palmtops weighing more than 1 kg but not more than 3 kg	2.3	8471300020 Laptops, notebooks and palmtops weighing not more than 10 kg	2.4
20	8471300034 Laptops, notebooks and palmtops weighing more than 3 kg but not more than 10 kg	3.4	8471300020 Laptops, notebooks and palmtops weighing not more than 10 kg	2.4

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
21	8443310020 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing not more than 10 kg	5.3	8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet 8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser 8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other 8443310090 Other multi-function devices	8.7 13.6 8.8 10.6
22	8443310021 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing more than 10 kg but not more than 20 kg	11.7	8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet 8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser 8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other 8443310090 Other multi-function devices	8.7 13.6 8.8 10.6

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
23	8443310022 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing more than 20 kg but not more than 50 kg	23.6	<p>8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet</p> <p>8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser</p> <p>8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other</p> <p>8443310090 Other multi-function devices</p>	<p>8.7</p> <p>13.6</p> <p>8.8</p> <p>10.6</p>
24	8443310023 Machines which perform two or more of the functions of printing, copying or fax transmission, weighting more than 50 kg but not more than 100 kg	81.6	<p>8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet</p> <p>8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser</p> <p>8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other</p> <p>8443310090 Other multi-function devices</p>	<p>8.7</p> <p>13.6</p> <p>8.8</p> <p>10.6</p>

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
25	8443310024 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing more than 100 kg but not more than 150 kg	122.0	8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet 8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser 8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other 8443310090 Other multi-function devices	8.7 13.6 8.8 10.6
26	8443310025 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing more than 150 kg but not more than 200 kg	152.0	8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet 8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser 8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other 8443310090 Other multi-function devices	8.7 13.6 8.8 10.6

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
27	8443310026 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing more than 200 kg but not more than 300 kg	238.3	8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet	8.7
			8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser	13.6
			8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other	8.8
			8443310090 Other multi-function devices	10.6
28	8443310027 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing more than 300 kg but not more than 500 kg	304.0	8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet	8.7
			8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser	13.6
			8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other	8.8
			8443310090 Other multi-function devices	10.6

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
29	8443310028 Machines which perform two or more of the functions of printing, copying or fax transmission, weighing more than 500 kg	617.2	8443310061 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, ink-jet	8.7
			8443310064 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, laser	13.6
			8443310065 Machines which perform two or more of the functions of printing, copying or fax transmission, with printing as the principal function, other	8.8
			8443310090 Other multi-function devices	10.6
30	8443320031 Other printers, copying machines and fax machines, weighing not more than 10 kg	6.3	8443320071 Other printers, copying machines and fax machines, ink-jet	8.3
			8443320072 Other printers, copying machines and fax machines, dot matrix	8.3
			8443320074 Other printers, copying machines and fax machines, laser	9.5
			8443320079 Other	8.9

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
31	8443320032 Other printers, copying machines and fax machines, weighing more than 10 kg but not more than 20 kg	12.4	8443320071 Other printers, copying machines and fax machines, ink-jet 8443320072 Other printers, copying machines and fax machines, dot matrix 8443320074 Other printers, copying machines and fax machines, laser 8443320079 Other	8.3 8.3 9.5 8.9
32	8443320033 Other printers, copying machines and fax machines, weighing more than 20 kg but not more than 50 kg	22.5	8443320071 Other printers, copying machines and fax machines, ink-jet 8443320072 Other printers, copying machines and fax machines, dot matrix 8443320074 Other printers, copying machines and fax machines, laser 8443320079 Other	8.3 8.3 9.5 8.9

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
33	8443320034 Other printers, copying machines and fax machines, weighing more than 50 kg but not more than 100 kg	75.1	8443320071 Other printers, copying machines and fax machines, ink-jet	8.3
			8443320072 Other printers, copying machines and fax machines, dot matrix	8.3
			8443320074 Other printers, copying machines and fax machines, laser	9.5
			8443320079 Other	8.9
34	8443320035 Other printers, copying machines and fax machines, weighting more than 100 kg but not more than 150 kg	116.0	8443320071 Other printers, copying machines and fax machines, ink-jet	8.3
			8443320072 Other printers, copying machines and fax machines, dot matrix	8.3
			8443320074 Other printers, copying machines and fax machines, laser	9.5
			8443320079 Other	8.9

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
35	8443320036 Other printers, copying machines and fax machines, weighing more than 150 kg but not more than 200 kg	157.7	8443320071 Other printers, copying machines and fax machines, ink-jet	8.3
			8443320072 Other printers, copying machines and fax machines, dot matrix	8.3
			8443320074 Other printers, copying machines and fax machines, laser	9.5
			8443320079 Other	8.9
36	8443320037 Other printers, copying machines and fax machines, weighing more than 200 kg but not more than 300 kg	239.2	8443320071 Other printers, copying machines and fax machines, ink-jet	8.3
			8443320072 Other printers, copying machines and fax machines, dot matrix	8.3
			8443320074 Other printers, copying machines and fax machines, laser	9.5
			8443320079 Other	8.9

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
37	8443320038 Other printers, copying machines and fax machines, weighing more than 300 kg but not more than 500 kg	384.2	8443320071 Other printers, copying machines and fax machines, ink-jet 8443320072 Other printers, copying machines and fax machines, dot matrix 8443320074 Other printers, copying machines and fax machines, laser 8443320079 Other	8.3 8.3 9.5 8.9
38	8443320039 Other printers, copying machines and fax machines, weighing more than 500 kg	551.0	8443320071 Other printers, copying machines and fax machines, ink-jet 8443320072 Other printers, copying machines and fax machines, dot matrix 8443320074 Other printers, copying machines and fax machines, laser 8443320079 Other	8.3 8.3 9.5 8.9
39	8471600065 Scanners weighing not more than 1 kg	0.4	8471600095 Scanners	3.5
40	8471600066 Scanners weighing more than 1kg but not more than 5 kg	2.2	8471600095 Scanners	3.5

#	New product codes and brief descriptions	New product code conversion factors (kilograms)	Product codes and brief descriptions currently listed in Regulations	Product code conversion factors currently listed in Regulations (kilograms)
41	8471600067 Scanners weighing more than 5 kg	7.0	8471600095 Scanners	3.5